CINCINNATI FINANCIAL CORP

Form 10-Q October 25, 2016

UNITED STATES SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549 FORM 10-Q

(Mark one)

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

For the quarterly period ended September 30, 2016.

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

For the transition period from ______ to _____.

Commission file number 0-4604

CINCINNATI FINANCIAL CORPORATION

(Exact name of registrant as specified in its charter)

Ohio 31-0746871

(State or other jurisdiction of (I.R.S. Employer Identification

incorporation or organization) No.)

6200 S. Gilmore Road, Fairfield, Ohio 45014-5141 (Address of principal executive offices) (Zip code)

Registrant's telephone number, including area code: (513) 870-2000

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

Indicate by check mark whether the registrant has submitted electronically and posted on its corporate website, 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 registrant was required to submit and post such files).

þYes "No

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

b Large accelerated filer "Accelerated filer "Nonaccelerated filer "Smaller reporting company (Do not check if a smaller reporting company)

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act):

"Yes b No

As of October 21, 2016, there were 164,748,584 shares of common stock outstanding.

CINCINNATI FINANCIAL CORPORATION AND SUBSIDIARIES FORM 10-Q FOR THE QUARTER ENDED SEPTEMBER 30, 2016

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Part I – Financial Information

Total shareholders' equity

Item 1. Financial Statements (unaudited)

Cincinnati Financial Corporation and Subsidiaries Condensed Consolidated Balance Sheets		
(Dollars in millions except per share data)	September 30,	December 31,
	2016	2015
Assets		
Investments		
Fixed maturities, at fair value (amortized cost: 2016—\$9,657; 2015—\$9,324)	\$10,257	\$ 9,650
Equity securities, at fair value (cost: 2016—\$3,169; 2015—\$2,938)	5,304	4,706
Other invested assets	81	67
Total investments	15,642	14,423
Cash and cash equivalents	700	544
Investment income receivable	121	129
Finance receivable	53	62
Premiums receivable	1,518	1,431
Reinsurance recoverable	552	542
Prepaid reinsurance premiums	68	54
Deferred policy acquisition costs	627	616
Land, building and equipment, net, for company use (accumulated depreciation: 2016—\$234; 2015—\$459)	184	185
Other assets	200	154
Separate accounts	790	748
Total assets	\$20,455	\$ 18,888
Liabilities		
Insurance reserves	¢ 4 001	ф 4.7 10
Loss and loss expense reserves	\$4,991	\$ 4,718
Life policy and investment contract reserves	2,641	2,583
Unearned premiums Other liabilities	2,388	2,201
Deferred income tax	798 879	717
	20	638 35
Note payable Long-term debt and capital lease obligations	827	821
Separate accounts	790	748
Total liabilities	13,334	12,461
Total Habilities	15,554	12,401
Commitments and contingent liabilities (Note 12)	_	_
Shareholders' Equity		
Common stock, par value—\$2 per share; (authorized: 2016 and 2015—500 million shares;	• • •	
issued: 2016 and 2015—198.3 million shares)	397	397
Paid-in capital	1,244	1,232
Retained earnings	5,016	4,762
Accumulated other comprehensive income	1,752	1,344
Treasury stock at cost (2016—33.6 million shares and 2015—34.4 million shares)		(1,308)
The state of the s	7.121	(1,500

7,121

6,427

Total liabilities and shareholders' equity

\$20,455 \$18,888

Accompanying Notes are an integral part of these Condensed Consolidated Financial Statements.

Cincinnati Financial Corporation and Subsidiaries Condensed Consolidated Statements of Income

(Dollars in millions except per share data)		Three months ended		onths
	•	ber 30,	•	
	2016	2015	2016	2015
Revenues				
Earned premiums	\$1,191	\$1,127	\$3,518	\$3,332
Investment income, net of expenses	148	143	442	422
Realized investment gains, net	56	3	161	110
Fee revenues	5	4	11	10
Other revenues	2	1	5	5
Total revenues	1,402	1,278	4,137	3,879
Benefits and Expenses				
Insurance losses and contract holders' benefits	753	670	2,298	2,131
Underwriting, acquisition and insurance expenses	380	348	1,106	1,033
Interest expense	13	14	39	40
Other operating expenses	3	3	10	10
Total benefits and expenses	1,149	1,035	3,453	3,214
Income Before Income Taxes	253	243	684	665
Provision for Income Taxes				
Current	60	64	173	180
Deferred	13	5	20	7
Total provision for income taxes	73	69	193	187
Net Income	\$180	\$174	\$491	\$478
Per Common Share				
Net income—basic	\$1.09	\$1.06	\$2.98	\$2.91
Net income—diluted	1.08	1.05	2.95	2.89

Accompanying Notes are an integral part of these Condensed Consolidated Financial Statements.

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Cincinnati Financial Corporation and Subsidiaries

Condensed Consolidated Statements of Comprehensive Income

(Dollars in millions)	ended	months mber	Nine rended Septer 30,	
	2016	2015	2016	2015
Net Income	\$180	\$174	\$491	\$478
Other Comprehensive (Loss) Income				
Change in unrealized gains on investments, net of tax of \$21, \$(127), \$224 and \$(254), respectively	41	(238)	417	(473)
Amortization of pension actuarial loss and prior service cost, net of tax of \$0, \$0, \$1 and \$1, respectively		1	1	3
Change in life deferred acquisition costs, life policy reserves and other, net of tax of \$0, \$1, \$(4) and \$2, respectively	(3) 3	(10)	6
Other comprehensive income (loss), net of tax	38	(234)	408	(464)
Comprehensive Income (Loss)	\$218	\$(60)	\$899	\$14

Accompanying Notes are an integral part of these Condensed Consolidated Financial Statements.

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Cincinnati Financial Corporation and Subsidiaries	I E			
Condensed Consolidated Statements of Shareholders			.1	
~	Nine m			
(Dollars in millions)	ended S 30,		otembe	r
	2016	2	2015	
Common Stock				
Beginning of year	\$397	9	\$397	
Share-based awards	_	-	_	
End of period	397	3	397	
Paid-In Capital				
Beginning of year	1,232		1.214	
Share-based awards	(9)
Share-based compensation	18			_
Other	3		2	
End of period	1,244			
Retained Earnings				
Beginning of year	4,762	,	1 505	
Net income	491		,	
Dividends declared	-			`
	(237)
End of period	5,016	2	4,/30	
Accumulated Other Comprehensive Income				
Beginning of year	1,344		-	
Other comprehensive income, net	408		(464)
End of period	1,752		1,280	
Treasury Stock				
Beginning of year	(1,308) ((1,287))
Share-based awards	29	2	29	
Shares acquired - share repurchase authorization	(2) ((41)
Shares acquired - share-based compensation plans)
Other	3		4	
End of period	(1,288) ((1,306)
Total Shareholders' Equity	\$7,121	9	\$6,350)
(In millions)				
Common Stock - Shares Outstanding				
Beginning of year	163.9	-	163.7	
Share-based awards	0.8		1.0	
Shares acquired - share repurchase authorization	_		(0.8))
Shares acquired - share-based compensation plans	(0.1		(0.2))
Other	0.1		0.2	,
	1645	`	1.60.0	

Accompanying Notes are an integral part of these Condensed Consolidated Financial Statements.

164.7

163.8

End of period

Cincinnati Financial Corporation and Subsidiaries Condensed Consolidated Statements of Cash Flows

(Dollars in millions)	Nine n ended Septen 30, 2016	nber
Cash Flows From Operating Activities	2010	2015
Net income	\$491	\$478
Adjustments to reconcile net income to net cash provided by operating activities:		
Depreciation and amortization	34	39
Realized investment gains, net	(161)	(110)
Stock-based compensation	18	16
Interest credited to contract holders'	36	32
Deferred income tax expense	20	7
Changes in:		
Investment income receivable	8	4
Premiums and reinsurance receivable	(111)	(96)
Deferred policy acquisition costs	(31)	(20)
Other assets	(32)	
Loss and loss expense reserves	273	215
Life policy reserves	75	70
Unearned premiums	187	133
Other liabilities	_	(11)
Current income tax receivable/payable	17	(2)
Net cash provided by operating activities	824	755
Cash Flows From Investing Activities		
Sale of fixed maturities	15	25
Call or maturity of fixed maturities	1,160	
Sale of equity securities	311	241
Purchase of fixed maturities		(1,397)
Purchase of equity securities	(396)	(379)
Purchase of short-term investments		(75)
Investment in finance receivables	(13)	
Collection of finance receivables	24	22
Investment in buildings and equipment, net	(9)	` ′
Change in other invested assets, net	(13)	
Net cash used in investing activities	(386)	(620)
Cash Flows From Financing Activities	(220.)	(210.)
Payment of cash dividends to shareholders Shares acquired share repurchase outhorization		(218)
Shares acquired - share repurchase authorization		(41)
Proposed from stock antions avanised	(13)	(14) 14
Proceeds from stock options exercised Contract holders' funds deposited	71	62
Contract holders' funds deposited Contract holders' funds withdrawn		(101)
Excess tax benefits on stock-based compensation	4	4
Other	(10)	
Net cash used in financing activities		(13)
Net change in cash and cash equivalents	156	(172)
The change in cash and cash equivalents	150	(1/2)

Cash and cash equivalents at beginning of year	544	591
Cash and cash equivalents at end of period	\$700	\$419
Supplemental Disclosures of Cash Flow Information:		
Interest paid	\$26	\$26
Income taxes paid	152	179
Noncash Activities		
Conversion of securities	\$4	\$ —
Equipment acquired under capital lease obligations	18	16
Cashless exercise of stock options	10	11
Other assets and other liabilities	29	_

Accompanying Notes are an integral part of these Condensed Consolidated Financial Statements.

NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS (UNAUDITED)

NOTE 1 — Accounting Policies

The condensed consolidated financial statements include the accounts of Cincinnati Financial Corporation and its consolidated subsidiaries, each of which is wholly owned. These statements are presented in conformity with accounting principles generally accepted in the United States of America (GAAP). All intercompany balances and transactions have been eliminated in consolidation.

The preparation of financial statements in conformity with GAAP requires us to make estimates and assumptions that affect amounts reported in the financial statements and accompanying notes. Our actual results could differ from those estimates. Our December 31, 2015, condensed consolidated balance sheet amounts are derived from the audited financial statements but do not include all disclosures required by GAAP.

Our September 30, 2016, condensed consolidated financial statements are unaudited. Certain financial information that is included in annual financial statements prepared in accordance with GAAP is not required for interim reporting and has been condensed or omitted. We believe that we have made all adjustments, consisting only of normal recurring accruals, that are necessary for fair presentation. These condensed consolidated financial statements should be read in conjunction with our consolidated financial statements included in our 2015 Annual Report on Form 10-K. The results of operations for interim periods do not necessarily indicate results to be expected for the full year.

Adopted Accounting Updates

ASU 2014-12, Compensation-Stock Compensation: Accounting for Share-Based Payments When the Terms of an Award Provide That a Performance Target Could Be Achieved after the Requisite Service Period In June 2014, the Financial Accounting Standards Board (FASB) issued Accounting Standards Update (ASU) 2014-12, Compensation-Stock Compensation: Accounting for Share-Based Payments When the Terms of an Award Provide That a Performance Target Could Be Achieved after the Requisite Service Period. ASU 2014-12 requires that performance targets that affect vesting and that could be achieved after the requisite service period be treated as performance conditions. The effective date of ASU 2014-12 was for interim and annual reporting periods beginning after December 15, 2015. The company adopted this ASU and it did not have a material impact on our company's financial position, cash flows or results of operations.

ASU 2015-02, Consolidation-Amendments to the Consolidation Analysis

In February 2015, the FASB issued ASU 2015-02, Consolidation-Amendments to the Consolidation Analysis. ASU 2015-02 makes amendments to the current consolidation guidance, focusing mainly on the investment management industry; however, entities across all industries may be impacted. The effective date of ASU 2015-02 was for interim and annual reporting periods beginning after December 15, 2015. The company adopted this ASU and it did not have a material impact on our company's financial position, cash flows or results of operations.

Pending Accounting Updates

ASU 2014-09 Revenue from Contracts with Customers

In May 2014, the FASB issued ASU 2014-09, Revenue from Contracts with Customers. ASU 2014-09 requires an entity to recognize revenue to depict the transfer of promised goods or services to customers in an amount that reflects the consideration to which the entity expects to be entitled in exchange for those goods and services. Insurance contracts do not fall within the scope of this ASU. The effective date of ASU 2014-09 is for annual reporting periods beginning after December 15, 2017. The ASU has not yet been adopted; however, it is not expected to have a material impact on our company's financial position, cash flows or results of operations.

ASU 2015-09, Financial Services-Insurance: Disclosures about Short-Duration Contracts In May 2015, the FASB issued ASU 2015-09, Financial Services-Insurance: Disclosures About Short-Duration Contracts. ASU 2015-09 requires entities to provide additional disclosures about the liability for loss and loss expense reserves to increase the transparency of significant estimates. ASU 2015-09 also requires entities to disclose information about significant changes in methodologies and assumptions used to calculate the liability for loss and loss expense reserves, including reasons for the change and the effects on the financial statements. ASU 2015-09 also requires entities to disclose a rollforward of the liability of loss and loss expense reserves for

annual and interim reporting periods. The effective date of ASU 2015-09 is for annual reporting periods beginning after December 15, 2015, and interim reporting periods beginning after December 15, 2016. The ASU has not yet been adopted and will not have a material impact on our company's financial position, cash flows or results of operations, but the ASU will require additional disclosures to our annual and interim reporting periods.

ASU 2016-01, Financial Instruments - Overall (Subtopic 825-10) - Recognition and Measurement of Financial Assets and Financial Liabilities

In January 2016, the FASB issued ASU 2016-01, Financial Instruments - Overall (Subtopic 825-10) - Recognition and Measurement of Financial Assets and Financial Liabilities. ASU 2016-01 revises the accounting related to the classification and measurement of investments in equity securities and the presentation of certain fair value changes for financial liabilities measured at fair value. The effective date of ASU 2016-01 is for interim and annual reporting periods beginning after December 15, 2017. The ASU has not yet been adopted. Management is currently evaluating the impact on our company's consolidated financial position, cash flows and results of operations.

ASU 2016-02, Leases (Topic 842)

In February 2016, the FASB issued ASU 2016-02, Leases (Topic 842). The main provision of ASU 2016-02 requires the recognition of lease assets and lease liabilities by lessees for those leases classified as operating leases under previous GAAP. The effective date of ASU 2016-02 is for interim and annual reporting periods beginning after December 15, 2018. The ASU has not yet been adopted. Management is currently evaluating the impact on our company's consolidated financial position, cash flows and results of operations.

ASU 2016-07, Investments - Equity Method and Joint Ventures (Topic 323): Simplifying the Transition to the Equity Method of Accounting

In March 2016, the FASB issued ASU 2016-07, Equity Method and Joint Ventures (Topic 323): Simplifying the Transition to the Equity Method of Accounting. ASU 2016-07 eliminates the requirement to retroactively adjust an investment, results of operations, and retained earnings once an investment qualifies for use of the equity method. It requires the equity method investor to add the cost of acquiring the additional interest in the investee to the current basis of the investor's previously held interest and adopt the equity method of accounting as of the date the investment becomes qualified for equity method accounting without retroactive adjustment. The effective date of ASU 2016-07 is for interim and annual reporting periods beginning after December 15, 2016. The ASU has not yet been adopted; however, it is not expected to have a material impact on our company's consolidated financial position, cash flows or results of operations.

ASU 2016-09, Compensation - Stock Compensation (Topic 718): Improvements to Employee Share-Based Payment Accounting

In March 2016, the FASB issued ASU 2016-09, Stock Compensation (Topic 718): Improvements to Employee Share-Based Payment Accounting. ASU 2016-09 simplifies and improves several aspects of the accounting for share-based payment transactions, including the income tax consequences, classification of awards as either equity or liabilities, and classification on the statement of cash flows. The effective date of ASU 2016-09 is for interim and annual reporting periods beginning after December 15, 2016. The ASU has not yet been adopted; however, it is not expected to have a material impact on our company's consolidated financial position, cash flows or results of operations.

ASU 2016-13, Financial Instruments - Credit Losses (Topic 326): Measurement of Credit Losses on Financial Instruments

In June 2016, the FASB issued ASU 2016-13, Financial Instruments - Credit Losses (Topic 326): Measurement of Credit Losses on Financial Instruments. ASU 2016-13 amends previous guidance on the impairment of financial instruments by adding an impairment model that allows an entity to recognize expected credit losses as an allowance rather than impairing as they are incurred. The new guidance is intended to reduce complexity of credit impairment

models and result in a more timely recognition of expected credit losses. The effective date of ASU 2016-13 is for interim and annual reporting periods beginning after December 15, 2019. The ASU has not yet been adopted; however, it is not expected to have a material impact on our company's consolidated financial position, cash flows or results of operations.

ASU 2016-15, Statement of Cash Flows (Topic 230): Classification of Certain Cash Receipts and Cash Payments In August 2016, the FASB issued ASU 2016-15, Statement of Cash Flows (Topic 230): Classification of Certain Cash Receipts and Cash Payments. ASU 2016-15 addresses eight specific cash flow issues with the objective of reducing the existing diversity in practice. The effective date of ASU 2016-15 is for interim and annual reporting periods beginning after December 15, 2017. The ASU has not yet been adopted; however, it is not expected to have a material impact on our company's consolidated financial position, cash flows or results of operations.

NOTE 2 – Investments

The following table provides cost or amortized cost, gross unrealized gains, gross unrealized losses and fair value for our investment portfolio:

(Dollars in millions)	Cost or			
	amortized	Gross un	realized	Fair
At September 30, 2016	cost	gains	losses	value
Fixed maturity securities:				
Corporate	\$ 5,621	\$ 375	\$ 14	\$5,982
States, municipalities and political subdivisions	3,619	222	1	3,840
Commercial mortgage-backed	290	18		308
Government-sponsored enterprises	108			108
Foreign government	10			10
Convertibles and bonds with warrants attached	5			5
United States government	4			4
Subtotal	9,657	615	15	10,257
Equity securities:				
Common equities	2,982	2,156	61	5,077
Nonredeemable preferred equities	187	40		227
Subtotal	3,169	2,196	61	5,304
Total	\$ 12,826	\$ 2,811	\$ 76	\$15,561
At December 31, 2015				
Fixed maturity securities:				
Corporate	\$ 5,294	\$ 255	\$ 96	\$5,453
States, municipalities and political subdivisions	3,440	172	1	3,611
Commercial mortgage-backed	287	4	2	289
Government-sponsored enterprises	284		6	278
Foreign government	10			10
Convertibles and bonds with warrants attached	5	_	_	5
United States government	4	_	_	4
Subtotal	9,324	431	105	9,650
Equity securities:				
Common equities	2,749	1,787	51	4,485
Nonredeemable preferred equities	189	32	_	221
Subtotal	2,938	1,819	51	4,706
Total	\$ 12,262	\$ 2,250	\$ 156	\$14,356

The net unrealized investment gains in our fixed-maturity portfolio are primarily the result of the continued low interest rate environment that increased the fair value of our fixed-maturity portfolio. Our commercial mortgage-backed securities had an average rating of Aa1/AA at September 30, 2016, and December 31, 2015. The seven largest unrealized investment gains in our common stock portfolio are from Honeywell International Incorporated (NYSE:HON), Exxon Mobil Corporation (NYSE:XOM), The Procter & Gamble Company (NYSE:PG), Johnson & Johnson (NYSE:JNJ), BlackRock Inc. (NYSE:BLK), 3M Co (NYSE:MMM) and Microsoft Corporation (Nasdaq:MSFT), which had a combined gross unrealized gain of \$649 million. At September 30, 2016, Apple Inc. (Nasdaq:AAPL) was our largest single common stock holding with a fair value of \$158 million, which was 3.1 percent of our publicly traded common stock portfolio and 1.0 percent of the total investment portfolio.

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The table below provides fair values and gross unrealized losses by investment category and by the duration of the securities' continuous unrealized loss positions:

(Dollars in millions)	Less than 1	2 months	12 months	s or more	Total	
	Fair value	Unrealized	l Fair	Unrealized	l Fair	Unrealized
At September 30, 2016	raii vaiue	losses	value	losses	value	losses
Fixed maturity securities:						
Corporate	\$ 166	\$ 4	\$ 200	\$ 10	\$366	\$ 14
States, municipalities and political subdivisions	128	1			128	1
Commercial mortgage-backed	8		3		11	
Government-sponsored enterprises	43		_		43	
Subtotal	345	5	203	10	548	15
Equity securities:						
Common equities	177	6	203	55	380	61
Total	\$ 522	\$ 11	\$ 406	\$ 65	\$928	\$ 76
At December 31, 2015						
Fixed maturity securities:						
Corporate	\$ 1,099	\$ 63	\$ 133	\$ 33	\$1,232	\$ 96
States, municipalities and political subdivisions	47	1	22	_	69	1
Commercial mortgage-backed	103	2	2	_	105	2
Government-sponsored enterprises	100	2	127	4	227	6
Subtotal	1,349	68	284	37	1,633	105
Equity securities:						
Common equities	270	51	_	_	270	51
Nonredeemable preferred equities	35		_	_	35	
Subtotal	305	51		_	305	51
Total	\$ 1,654	\$ 119	\$ 284	\$ 37	\$1,938	\$ 156

Contractual maturity dates for fixed-maturity investments were:

(Dollars in millions)	Amortized	Fair	% of
At September 30, 2016	cost	value	fair value
Maturity dates:			
Due in one year or less	\$ 446	\$452	4.4 %
Due after one year through five years	3,049	3,265	31.8
Due after five years through ten years	3,856	4,067	39.7
Due after ten years	2,306	2,473	24.1
Total	\$ 9.657	\$10,257	100.0%

Actual maturities may differ from contractual maturities when there is a right to call or prepay obligations with or without call or prepayment penalties.

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The following table provides investment income, realized investment gains and losses, the change in unrealized investment gains and losses, and other items:

(Dollars in millions)	Three months ended		Nine months ended	
	Septer	nber 30,	Septer	nber 30,
	2016	2015	2016	2015
Investment income:				
Interest	\$111	\$108	\$330	\$319
Dividends	39	37	117	108
Other	1	1	2	2
Total	151	146	449	429
Less investment expenses	3	3	7	7
Total	\$148	\$143	\$442	\$422
Realized investment gains and losses summary:				
Fixed maturities:				
Gross realized gains	\$10	\$4	\$17	\$14
Gross realized losses			(1)	
Other-than-temporary impairments		(8)	(2)	(11)
Equity securities:				
Gross realized gains	47	6	147	106
Gross realized losses			(1)	(1)
Other-than-temporary impairments				(1)
Other	(1)	1	1	3
Total	\$56	\$3	\$161	\$110
Change in unrealized investment gains and losses:				
Fixed maturities	\$(20)	\$(15)	\$274	\$(153)
Equity securities	82	(350)	367	(574)
Income tax (provision) benefit	(21)	127	(224)	254
Total	\$41	\$(238)	\$417	\$(473)

During the three months ended September 30, 2016, there were no equity securities and no fixed-maturity securities other-than-temporarily impaired. During the nine months ended September 30, 2016, there were no equity securities and four fixed-maturity securities other-than-temporarily impaired. There were no credit losses on fixed-maturity securities for which a portion of other-than-temporary impairment (OTTI) has been recognized in other comprehensive income for the three and nine months ended September 30, 2016 and 2015. At September 30, 2016, 36 fixed-maturity investments with a total unrealized loss of \$10 million had been in an unrealized loss position for 12 months or more. Of that total, one fixed-maturity investment had a fair value below 70 percent of amortized cost. At September 30, 2016, three equity investments with a total unrealized loss of \$55 million had been in an unrealized loss position for 12 months or more. Of that total, one equity investment with a total unrealized loss of \$36 million had a fair value below 70 percent of amortized cost.

During 2015, we other-than-temporarily impaired 20 securities. At December 31, 2015, 69 fixed-maturity investments with a total unrealized loss of \$37 million had been in an unrealized loss position for 12 months or more. Of that total, five fixed-maturity investments had fair values below 70 percent of amortized cost. There were no equity security investments in an unrealized loss position for 12 months or more as of December 31, 2015.

NOTE 3 – Fair Value Measurements

In accordance with accounting guidance for fair value measurements and disclosures, we categorized our financial instruments, based on the priority of the observable and market-based data for the valuation technique used, into a three-level fair value hierarchy. The fair value hierarchy gives the highest priority to quoted prices with readily available independent data in active markets for identical assets or liabilities (Level 1) and the lowest priority to unobservable market inputs (Level 3). When various inputs for measurement fall within different levels of the fair value hierarchy, the lowest observable input that has a significant impact on fair value measurement is used. Our valuation techniques have not changed from those used at December 31, 2015, and ultimately management determines fair value. See our 2015 Annual Report on Form 10-K, Item 8, Note 3, Fair Value Measurements, Page 133, for information on characteristics and valuation techniques used in determining fair value.

Fair Value Disclosures for Assets

The following tables illustrate the fair value hierarchy for those assets measured at fair value on a recurring basis at September 30, 2016, and December 31, 2015. We do not have any material liabilities carried at fair value. There were no transfers between Level 1 and Level 2.

(Dollars in millions) At September 30, 2016	Quoted prices in active markets for identical assets (Level 1)	Significant other observable inputs (Level 2)	Significant unobservable inputs (Level 3)	Total
Fixed maturities, available for sale:				
Corporate	\$ —	\$ 5,940	\$ 42	\$5,982
States, municipalities and political subdivisions	_	3,840		3,840
Commercial mortgage-backed	_	308	_	308
Government-sponsored enterprises	_	108	_	108
Foreign government		10		10
Convertibles and bonds with warrants attached		5		5
United States government	4	_		4
Subtotal	4	10,211	42	10,257
Common equities, available for sale	5,077	_	_	5,077
Nonredeemable preferred equities, available for sale		227		227
Separate accounts taxable fixed maturities	_	753	_	753
Top Hat savings plan mutual funds and common equity (included in Other assets)	24	_	_	24
Total	\$ 5,105	\$ 11,191	\$ 42	\$16,338
At December 31, 2015				
Fixed maturities, available for sale:				
Corporate	\$ —	\$ 5,402	\$ 51	\$5,453
States, municipalities and political subdivisions	_	3,611		3,611
Commercial mortgage-backed	_	289		289
Government-sponsored enterprises		278		278
Foreign government	_	10		10
Convertibles and bonds with warrants attached	_	5		5
United States government	4	_	_	4
Subtotal	4	9,595	51	9,650
Common equities, available for sale	4,485	_		4,485
Nonredeemable preferred equities, available for sale	_	218	3	221
Separate accounts taxable fixed maturities	_	736	1	737
Top Hat savings plan mutual funds and common	21	_		21

equity (included in Other assets)

Total \$ 4,510 \$ 10,549 \$ 55 \$15,114

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Each financial instrument that was deemed to have significant unobservable inputs when determining valuation is identified in the following tables by security type with a summary of changes in fair value as of September 30, 2016. Total Level 3 assets continue to be less than 1 percent of financial assets measured at fair value in the condensed consolidated balance sheets. Assets presented in the table below were valued based primarily on broker/dealer quotes for which there is a lack of transparency as to inputs used to develop the valuations. Transfers into Level 3 included situations where a fair value quote was not provided by the company's nationally recognized pricing vendor and as a result the price was stale or had been replaced with a broker quote where the inputs had not been corroborated to be market observable resulting in the security being classified as Level 3. Transfers out of Level 3 included situations where a broker quote was used in the prior period and a fair value quote became available from the company's nationally recognized pricing vendor in the current period. The quantitative detail of these unobservable inputs is neither provided nor reasonably available to us.

The following table provides the change in Level 3 assets for the three months ended September 30:

(Dollars in millions)	Asset fair value measurements using significant unobservable inputs (Level 3)								
,	unob		_)			
	~		parate	State					
	_		wunts		icipalit			deemabl	
	fixed				politica		preferred		Total
			equities						
		ma	turities	fixed	d matur	ities			
Beginning balance, July 1, 2016	\$52	\$	1	\$			\$		\$53
Total gains or losses (realized/unrealized):									
Included in net income		_							_
Included in other comprehensive income	1	_		_					1
Purchases	_	_		_					
Sales	(1)	_		_					(1)
Transfers into Level 3		_							
Transfers out of Level 3	(10)	(1)						(11)
Ending balance, September 30, 2016	\$42	\$		\$			\$		\$42
Beginning balance, July 1, 2015	\$18	\$	_	\$	1		\$	2	\$21
Total gains or losses (realized/unrealized):									
Included in net income	1	_							1
Included in other comprehensive income	22	_							22
Purchases	_	_							
Sales		_		_					
Transfers into Level 3	_	_							
Transfers out of Level 3		_		(1)	_		(1)
Ending balance, September 30, 2015	\$41	\$		\$	_		\$	2	\$43

The following table provides the change in Level 3 assets for the nine months ended September 30:

Asset fair value measurements using significant (Dollars in millions) unobservable inputs (Level 3) States, Separate municipalities Nonredeemable Corporate accounts and political fixed taxable preferred Total subdivisions maturities fixed equities fixed maturities maturities Beginning balance, January 1, 2016 \$ 51 \$ 1 \$ \$ 3 \$55 Total gains or losses (realized/unrealized): Included in net income Included in other comprehensive income 1 (1) Purchases 22 22 Sales) (1 (3)Transfers into Level 3 Transfers out of Level 3 (31)(1 (32)Ending balance, September 30, 2016 \$ 42 \$ \$42 \$ 2 Beginning balance, January 1, 2015 \$ 18 \$20 Total gains or losses (realized/unrealized):

Additional disclosures for the Level 3 category are not material.

Included in net income

Transfers into Level 3

Transfers out of Level 3

Purchases

Sales

Included in other comprehensive income

Ending balance, September 30, 2015

Fair Value Disclosures for Assets and Liabilities Not Carried at Fair Value

The disclosures below are presented to provide timely information about the effects of current market conditions on financial instruments that are not reported at fair value in our condensed consolidated financial statements.

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\$

This table summarizes the book value and principal amounts of our long-term debt:

1

22

\$ 41

(Dollars in millions)		Book value		Principal amount		
		Septem	December 31,	Septemb	dD&cember 31,	
Interest rate ar of issue		2016	2015	2016	2015	
6.900% 1998 Senio	or debentures, due 2028	\$ 26	\$ 26	\$ 28	\$ 28	
6.920% 2005 Senio	or debentures, due 2028	391	391	391	391	
6.125% 2004 Senio	or notes, due 2034	369	369	374	374	
Total		\$ 786	\$ 786	\$ 793	\$ 793	

1

22

1

2

(1)

\$43

The following table shows fair values of our note payable and long-term debt:

(Dollars in millions) At September 30, 2016	Quoted prices in active markets f identical assets (Level 1)	Nighticant other	Significant unobservabinputs (Level 3)	le Total
Note payable	\$	 \$ 20	\$	 \$20
6.900% senior debentures, due 2028	_	35		35
6.920% senior debentures, due 2028	_	511		511
6.125% senior notes, due 2034	_	452		452
Total	\$	\$ 1,018	\$	\$1,018
At December 31, 2015				
Note payable	\$	 \$ 35	\$	— \$35
6.900% senior debentures, due 2028	_	31		31
6.920% senior debentures, due 2028		480		480
6.125% senior notes, due 2034		425		425
Total	\$	 \$ 971	\$	 \$971

The following table shows the fair value of our life policy loans included in other invested assets:

(Dollars in millions) At September 30, 2016		Significant oth observable inp (Level 2)	er uts	unc		Total
Life policy loans	(Level 1)	- \$	_	(Le	evel 3) 41	\$ 41
At December 31, 2015 Life policy loans	\$ -	- \$		\$	40	\$ 40

Outstanding principal and interest for these life policy loans totaled \$30 million and \$31 million at September 30, 2016, and December 31, 2015, respectively.

The following table shows fair values of our deferred annuities and structured settlements included in life policy and investment contract reserves:

(Dollars in millions)	Quoted prices active markets		Signifi	cant other	Sig	gnificant observable	
At September 30, 2016	identical assets		_	able inputs (Level 2)	ınp	outs	Total
Deferred annuities Structured settlements Total	(Level 1) \$ \$	_	218		\$ — \$	evel 3) 881 881	\$881 218 \$1,099
At December 31, 2015 Deferred annuities Structured settlements Total	\$ - \$	_	\$ 208 \$		\$ - \$	886 886	\$886 208 \$1,094

Recorded reserves for the deferred annuities were \$864 million and \$860 million at September 30, 2016, and December 31, 2015, respectively. Recorded reserves for the structured settlements were \$170 million and \$174 million at September 30, 2016, and December 31, 2015, respectively.

NOTE 4 – Property Casualty Loss and Loss Expenses

This table summarizes activity for our consolidated property casualty loss and loss expense reserves:

(Dollars in millions)	Three months ended September 30, 2016 2015		Nine mo ended Se 30, 2016	
Gross loss and loss expense reserves, beginning of period	\$4,918	\$4,647	\$4,660	\$4,438
Less reinsurance recoverable	310	292	281	282
Net loss and loss expense reserves, beginning of period	4,608	4,355	4,379	4,156
Net incurred loss and loss expenses related to:				
Current accident year	730	661	2,261	2,096
Prior accident years	(40)	(48)	(151)	(140)
Total incurred	690	613	2,110	1,956
Net paid loss and loss expenses related to:				
Current accident year	374	343	848	794
Prior accident years	288	261	1,005	954
Total paid	662	604	1,853	1,748
Net loss and loss expense reserves, end of period	4,636	4,364	4,636	4,364
Plus reinsurance recoverable	301	289	301	289
Gross loss and loss expense reserves, end of period	\$4,937	\$4,653	\$4,937	\$4,653

We use actuarial methods, models and judgment to estimate, as of a financial statement date, the property casualty loss and loss expense reserves required to pay for and settle all outstanding insured claims, including incurred but not reported (IBNR) claims, as of that date. The actuarial estimate is subject to review and adjustment by an inter-departmental committee that includes actuarial management who are familiar with relevant company and industry business, claims and underwriting trends, as well as general economic and legal trends that could affect future loss and loss expense payments. The amount we will actually have to pay for claims can be highly uncertain. This uncertainty, together with the size of our reserves, makes the loss and loss expense reserves our most significant estimate. The reserve for loss and loss expenses in the condensed consolidated balance sheets also included \$54 million at September 30, 2016, and \$47 million at September 30, 2015, for certain life and health loss and loss expense reserves.

For the three months ended September 30, 2016, we experienced \$40 million of favorable development on prior accident years, including \$31 million of favorable development in commercial lines, \$4 million of adverse development in personal lines, \$12 million of favorable development in excess and surplus lines and \$1 million of favorable development in our reinsurance assumed operations. We recognized favorable reserve development during the three months ended September 30, 2016, of \$16 million for the workers' compensation line, \$7 million for the commercial casualty line and \$11 million for the other commercial lines line due to reduced uncertainty of prior accident year loss and loss adjustment expense for these lines. We recognized unfavorable reserve development during the three months ended September 30, 2016, of \$9 million for the personal auto line and \$4 million for the commercial auto line. Both lines developed unfavorably due to higher loss cost effects in recent accident years, resulting in an increase of our reserve estimate for claims that have not yet been settled.

For the nine months ended September 30, 2016, we experienced \$151 million of favorable development on prior accident years, including \$118 million of favorable development in commercial lines, \$4 million of favorable development in personal lines, \$27 million of favorable development in excess and surplus lines and \$2 million of favorable development in our reinsurance assumed operations. This included \$5 million from favorable development of catastrophe losses for the nine months ended September 30, 2016. We recognized favorable reserve development during the nine months ended September 30, 2016, of \$52 million for the workers' compensation line, \$30 million for the commercial casualty line, \$25 million for the commercial property line and \$37 million for the other commercial lines due to reduced uncertainty of prior accident year loss and loss adjustment expense for these lines. We recognized unfavorable reserve development during the nine months ended September 30, 2016, of \$26 million for the commercial auto line and \$15 million for the personal auto line. Both lines developed unfavorably due to higher loss cost effects in recent accident years, resulting in an increase of our reserve estimate for claims that have not yet been settled.

For the three months ended September 30, 2015, we experienced \$48 million of favorable development on prior accident years, including \$43 million of favorable development in commercial lines, \$2 million of adverse development in personal lines and \$7 million of favorable development in excess and surplus lines. We recognized favorable reserve development during the three months ended September 30, 2015, of \$25 million for the workers' compensation line and \$16 million for the commercial casualty line due to reduced uncertainty of prior accident year loss and loss adjustment expense for these lines. Our commercial auto line developed unfavorably by \$4 million for the three months ended September 30, 2015, due to higher loss cost effects in recent accident years, resulting in an increase of our reserve estimate for claims that have not yet been settled.

For the nine months ended September 30, 2015, we experienced \$140 million of favorable development on prior accident years, including \$120 million of favorable development in commercial lines, \$1 million of adverse development in personal lines and \$21 million of favorable development in excess and surplus lines. This included \$12 million from favorable development of catastrophe losses for the nine months ended September 30, 2015. We recognized favorable reserve development during the nine months ended September 30, 2015, of \$80 million for the workers' compensation line, \$36 million for the commercial casualty line and \$17 million for the other commercial line due to reduced uncertainty of prior accident year loss and loss adjustment expenses for these lines. Our commercial auto line developed unfavorably by \$27 million for the nine months ended September 30, 2015, due to higher loss cost effects in recent accident years, resulting in an increase of our reserve estimate for claims that have not yet been settled.

NOTE 5 – Life Policy and Investment Contract Reserves

We establish the reserves for traditional life insurance policies based on expected expenses, mortality, morbidity, withdrawal rates, timing of claim presentation and investment yields, including a provision for uncertainty. Once these assumptions are established, they generally are maintained throughout the lives of the contracts. We use both our own experience and industry experience, adjusted for historical trends, in arriving at our assumptions for expected mortality, morbidity and withdrawal rates as well as for expected expenses. We base our assumptions for expected investment income on our own experience adjusted for current economic conditions.

We establish reserves for the company's deferred annuity, universal life and structured settlement policies equal to the cumulative account balances, which include premium deposits plus credited interest less charges and withdrawals. Some of our universal life policies contain no-lapse guarantee provisions. For these policies, we establish a reserve in addition to the account balance, based on expected no-lapse guarantee benefits and expected policy assessments.

This table summarizes our life policy and investment contract reserves:

(Dallars in millions)	September 30,	December 31,
(Dollars in millions)	2016	2015
Life policy reserves:		
Ordinary/traditional life	\$ 991	\$ 943
Other	45	44
Subtotal	1,036	987
Investment contract reserves:		
Deferred annuities	864	860
Universal life	565	558
Structured settlements	170	174
Other	6	4
Subtotal	1,605	1,596
Total life policy and investment contract reserves	\$ 2,641	\$ 2,583

NOTE 6 – Deferred Policy Acquisition Costs

Expenses directly related to successfully acquired insurance policies – primarily commissions, premium taxes and underwriting costs – are deferred and amortized over the terms of the policies. We update our acquisition cost assumptions periodically to reflect actual experience, and we evaluate the costs for recoverability. The table below shows the deferred policy acquisition costs and asset reconciliation.

(Dollars in millions)	Three ended Septer 30,	months nber	Nine n ended Septen 30,	
	2016	2015	2016	2015
Property casualty:				
Deferred policy acquisition costs asset, beginning of period	\$412	\$390	\$388	\$379
Capitalized deferred policy acquisition costs	216	201	644	606
Amortized deferred policy acquisition costs	(207)	(197)	(611)	(591)
Deferred policy acquisition costs asset, end of period	\$421	\$394	\$421	\$394
Life: Deferred policy acquisition costs asset, beginning of period Capitalized deferred policy acquisition costs Amortized deferred policy acquisition costs Amortized shadow deferred policy acquisition costs Deferred policy acquisition costs asset, end of period	\$212 11 (15) (2) \$206	\$210 11 (10) 4 \$215	\$228 35 (37) (20) \$206	\$199 34 (29) 11 \$215
Consolidated:		*	*	 .
Deferred policy acquisition costs asset, beginning of period	\$624	\$600	\$616	\$578
Capitalized deferred policy acquisition costs	227	212	679	640
Amortized deferred policy acquisition costs	` ′	(207)	` ′	` ′
Amortized shadow deferred policy acquisition costs	(2)		(20)	11
Deferred policy acquisition costs asset, end of period	\$627	\$609	\$627	\$609

No premium deficiencies were recorded in the condensed consolidated statements of income, as the sum of the anticipated loss and loss expenses, policyholder dividends and unamortized deferred acquisition expenses did not exceed the related unearned premiums and anticipated investment income.

NOTE 7 – Accumulated Other Comprehensive Income

Accumulated other comprehensive income (AOCI) includes changes in unrealized gains and losses on investments, changes in pension obligations and changes in life deferred acquisition costs, life policy reserves and other as follows: (Dollars in millions)

Three months ended September 30,

(Donais in ininions)	2016	ionuis en	aca sepie	2015		
	Before tax	Income tax	Net	Before tax	Income tax	Net
Investments:						
AOCI, beginning of period	\$2,673	\$925	\$1,748	\$2,357	\$815	\$1,542
OCI before realized gains recognized in net income	119	41	78	(363)	(126)	-
Realized gains recognized in net income	(57)	(20)	(37)		(1)	(1)
OCI	62	21	41	(365)	(127)	(238)
AOCI, end of period	\$2,735	\$ 946	\$1,789	\$1,992		\$1,304
Pension obligations:						
AOCI, beginning of period	\$(40)	\$(13)	\$(27)	\$(33)	\$(11)	\$(22)
OCI excluding amortization recognized in net income						
Amortization recognized in net income			_	1		1
OCI			_	1		1
AOCI, end of period	\$(40)	\$(13)	\$(27)	\$(32)	\$(11)	\$(21)
Life deferred acquisition costs, life policy reserves and other:						
AOCI, beginning of period	\$(10)	\$(3)	\$(7)	\$(8)	\$(2)	\$(6)
OCI before realized gains recognized in net income	(4)	(1)	(3)	5	1	4
Realized gains recognized in net income	1	1	_	(1)		(1)
OCI	(3)		(3)	4	1	3
AOCI, end of period	\$(13)	\$(3)	\$(10)	\$(4)	\$(1)	\$(3)
Summary of AOCI:						
AOCI, beginning of period	\$2,623	\$ 909	\$1,714	\$2,316	\$802	\$1,514
Investments OCI	62	21	41	(365)	(127)	(238)
Pension obligations OCI			_	1		1
Life deferred acquisition costs, life policy reserves and other OCI	(3)		(3)	4	1	3
Total OCI	59	21	38	(360)	(126)	(234)
AOCI, end of period	\$2,682	\$ 930	\$1,752	\$1,956	\$676	\$1,280
,	, ,	,	. ,	, ,,,,,,	,	. ,

(Dollars in millions)	Nine months ended September 30,					
	2016			2015		
	Before	Income	Net	Before	Income	Net
	tax	tax	NCI	tax	tax	INCL
Investments:						
AOCI, beginning of period	\$2,094	\$722	\$1,372	\$2,719	\$ 942	\$1,777
OCI excluding realized gains recognized in net income	801	280	521	(620)	(216)	(404)
Realized gains recognized in net income		(56)	(104)	,	` /	(69)
OCI	641	224	417	. ,	(254)	(473)
AOCI, end of period	\$2,735	\$ 946	\$1,789	\$1,992	\$ 688	\$1,304
Pension obligations:						
AOCI, beginning of period	\$(42)	\$(14)	\$(28)	\$(36)	\$(12)	\$(24)
OCI excluding amortization recognized in net income						
Amortization recognized in net income	2	1	1	4	1	3
OCI	2	1	1	4	1	3
AOCI, end of period	\$(40)	\$(13)	\$(27)	\$(32)	\$(11)	\$(21)
Life deferred acquisition costs, life policy reserves and other:						
AOCI, beginning of period	\$1	\$1	\$ —			\$(9)
OCI excluding realized gains recognized in net income		(4)	(9)	11	3	8
Realized gains recognized in net income	(1)	_	(1)			(2)
OCI	. ,	,	(10)	8	2	6
AOCI, end of period	\$(13)	\$(3)	\$(10)	\$(4)	\$(1)	\$(3)
Summary of AOCI:						
AOCI, beginning of period	\$2,053	\$709	\$1,344	\$2,671	\$927	\$1,744
Investments OCI	641	224	417	(727)	(254)	
Pension obligations OCI	2	1	1	4	1	3
Life deferred acquisition costs, life policy reserves and other OCI	(14)	(4)	(10)	8	2	6
Total OCI	629	221	408	(715)	(251)	(464)
AOCI, end of period	\$2,682	\$ 930	\$1,752	\$1,956		\$1,280

Investments realized gains and life deferred acquisition costs, life policy reserves and other realized gains are recorded in the realized investment gains, net, line item in the condensed consolidated statements of income. Amortization on pension obligations is recorded in the insurance losses and contract holders' benefits and underwriting, acquisition and insurance expenses in the condensed consolidated statements of income.

NOTE 8 – Reinsurance

Primary components of our property casualty operations assumed reinsurance include involuntary and voluntary assumed as well as contracts from our newly established reinsurance assumed operations, known as Cincinnati ReSM. Primary components of our ceded reinsurance include a property per risk treaty, property excess treaty, casualty per occurrence treaty, casualty excess treaty, property catastrophe treaty and catastrophe bonds and retrocessions on our reinsurance assumed operations. Management's decisions about the appropriate level of risk retention are affected by various factors, including changes in our underwriting practices, capacity to retain risks and reinsurance market conditions.

Our condensed consolidated statements of income include earned consolidated property casualty insurance premiums on assumed and ceded business:

	Three m	onths	Nine months		
(Dollars in millions)	ended Se	eptember	ended September		
	30,		30,		
	2016	2015	2016	2015	
Direct earned premiums	\$1,153	\$1,110	\$3,409	\$3,279	
Assumed earned premiums	22	3	53	8	
Ceded earned premiums	(42)	(37)	(119)	(111)	
Earned premiums	\$1,133	\$1,076	\$3,343	\$3,176	

Our condensed consolidated statements of income include incurred consolidated property casualty insurance loss and loss expenses on assumed and ceded business:

(Dollars in millions)	Three months ended September 30,		Nine months ended September 30,		
	2016	2015	2016	2015	
Direct incurred loss and loss expenses	\$691	\$618	\$2,131	\$1,984	
Assumed incurred loss and loss expenses	9	2	30	2	
Ceded incurred loss and loss expenses	(10)	(7)	(51)	(30)	
Incurred loss and loss expenses	\$690	\$613	\$2,110	\$1,956	

Our change in ceded incurred compared to prior years resulted from an increase in current accident year losses.

Our life insurance company purchases reinsurance for protection of a portion of the risk that is written. Primary components of our life reinsurance program include individual mortality coverage and aggregate catastrophe and accidental death coverage in excess of certain deductibles.

Our condensed consolidated statements of income include earned life insurance premiums on ceded business:

(Dollars in millions)	Three months ended September 30,	Nine months ended September 30,
	2016 2015	2016 2015
Direct earned premiums	\$74 \$67	\$220 \$200
Ceded earned premiums	(16) (16)	(45) (44)

Earned premiums \$58 \$51 \$175 \$156

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Our condensed consolidated statements of income include life insurance contract holders' benefits incurred on ceded business:

(Dollars in millions)	Three months ended September 30,	Nine months ended September 30,
	2016 2015	2016 2015
Direct contract holders' benefits incurred	\$72 \$70	\$228 \$214
Ceded contract holders' benefits incurred Contract holders' benefits incurred	(9) (13) \$63 \$57	(40) (39) \$188 \$175

The ceded benefits incurred can vary depending on the type of life insurance policies held and the year the policies were sold.

NOTE 9 – Income Taxes

As of September 30, 2016, and December 31, 2015, we had no liability for unrecognized tax benefits.

The differences between the 35 percent statutory federal income tax rate and our effective income tax rate were as follows:

(Dollars in millions)	Three months ended		Nine months ended					
(Donars in inimons)	Septe	September 30,			September 30,			
	2016		2015		2016		2015	
Tax at statutory rate:	\$88	35.0 %	\$85	35.0 %	\$239	35.0 %	\$233	35.0 %
Increase (decrease) resulting from:								
Tax-exempt income from municipal bonds	(8)	(3.2)	(9)	(3.7)	(25)	(3.7)	(25)	(3.8)
Dividend received exclusion	(8)	(3.2)	(8)	(3.3)	(24)	(3.5)	(23)	(3.5)
Other	1	0.3	1	0.4	3	0.4	2	0.4
Provision for income taxes	\$73	28.9 %	\$69	28.4 %	\$193	28.2 %	\$187	28.1 %

The provision for federal income taxes is based upon filing a consolidated income tax return for the company and its subsidiaries. As of September 30, 2016, we had no operating or capital loss carry forwards.

NOTE 10 - Net Income Per Common Share

Basic earnings per share are computed based on the weighted average number of common shares outstanding. Diluted earnings per share are computed based on the weighted average number of common and dilutive potential common shares outstanding using the treasury stock method. The table shows calculations for basic and diluted earnings per share:

(In millions except per share data)	Three months ended September 30,		Nine months ended September 30, 2016 2015	
Numerator:				
Net income—basic and diluted	\$180	\$174	\$491	\$478
Denominator:				

Basic weighted-average common shares outstanding	164.6	164.0	164.5	164.1	
Effect of share-based awards:					
Stock options	1.2	1.0	1.1	0.9	
Nonvested shares	1.0	0.5	0.9	0.5	
Diluted weighted-average shares	166.8	165.5	166.5	165.5	
Earnings per share:					
Basic	\$1.09	\$1.06	\$2.98	\$2.91	
Diluted	1.08	1.05	2.95	2.89	
Number of anti-dilutive share-based awards:		0.3	0.3	0.7	

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The sources of dilution of our common shares are certain equity-based awards. See our 2015 Annual Report on Form 10-K, Item 8, Note 17, Share-Based Associate Compensation Plans, Page 152, for information about equity-based awards. The above table shows the number of anti-dilutive share-based awards for the three and nine months ended September 30, 2016 and 2015. We did not include these share-based awards in the computation of net income per common share (diluted) because their exercise would have anti-dilutive effects.

NOTE 11 – Employee Retirement Benefits

The following summarizes the components of net periodic benefit cost for our qualified and supplemental pension plans:

	Three	•	Nine	
	mont	hs	mon	ths
(Dollars in millions)	ended	1	ende	d
	Septe	mber	Septe	ember
	30,		30,	
	2016	2015	2016	2015
Service cost	\$3	\$ 3	\$8	\$9
Interest cost	4	3	11	10
Expected return on plan assets	(5)	(4)	(14)	(13)
Amortization of actuarial loss and prior service cost	0	1	2	4
Net periodic benefit cost	\$ 2	\$3	\$7	\$10

See our 2015 Annual Report on Form 10-K, Item 8, Note 13, Employee Retirement Benefits, Page 146, for information on our retirement benefits. We made matching contributions totaling \$3 million and \$2 million to our 401(k) and Top Hat savings plans during the third quarter of 2016 and 2015, respectively, and contributions of \$11 million and \$9 million for the first nine months of 2016 and 2015, respectively.

We contributed \$13 million to our qualified pension plan during the first nine months of 2016. We do not anticipate further contributions during the remainder of 2016.

NOTE 12 – Commitments and Contingent Liabilities

In the ordinary course of conducting business, the company and its subsidiaries are named as defendants in various legal proceedings. Most of these proceedings are claims litigation involving the company's insurance subsidiaries in which the company is either defending or providing indemnity for third-party claims brought against insureds or litigating first-party coverage claims. The company accounts for such activity through the establishment of unpaid loss and loss expense reserves. We believe that the ultimate liability, if any, with respect to such ordinary-course claims litigation, after consideration of provisions made for potential losses and costs of defense, is immaterial to our consolidated financial condition, results of operations and cash flows.

The company and its subsidiaries also are occasionally involved in other legal and regulatory proceedings, some of which assert claims for substantial amounts. These actions include, among others, putative class actions seeking certification of a state or national class. Such proceedings have alleged, for example, breach of an alleged duty to search national databases to ascertain unreported deaths of insureds under life insurance policies. The company's insurance subsidiaries also are occasionally parties to individual actions in which extra-contractual damages, punitive damages or penalties are sought, such as claims alleging bad faith handling of insurance claims or writing unauthorized coverage or claims alleging discrimination by former or current associates.

On a quarterly basis, we review these outstanding matters. Under current accounting guidance, we establish accruals when it is probable that a loss has been incurred and we can reasonably estimate its potential exposure. The company accounts for such probable and estimable losses, if any, through the establishment of legal expense reserves. Based on our quarterly review, we believe that our accruals for probable and estimable losses are reasonable and that the amounts accrued do not have a material effect on our consolidated financial condition or results of operations. However, if any one or more of these matters results in a judgment against us or settlement for an amount that is significantly greater than the amount accrued, the resulting liability could have a material effect on the company's consolidated results of operations or cash flows. Based on our most recent review, our estimate of losses for any other matters for which the risk of loss is not probable, but more than remote, is immaterial.

NOTE 13 – Segment Information

We operate primarily in two industries, property casualty insurance and life insurance. We regularly review our reporting segments to make decisions about allocating resources and assessing performance. Our reporting segments are:

Commercial lines insurance

Personal lines insurance

Excess and surplus lines insurance

Life insurance

Investments

We report as Other the noninvestment operations of the parent company and its noninsurer subsidiary, CFC Investment Company and Cincinnati Re, our reinsurance assumed operations. See our 2015 Annual Report on Form 10-K, Item 8, Note 18, Segment Information, Page 155, for a description of revenue, income or loss before income taxes and identifiable assets for each of the five segments.

Segment information is summarized in the following table:

Three months Nine months					
(D. 11					
(Dollars in millions)		eptember		eptember	
	30,		30,		
	2016	2015	2016	2015	
Revenues:					
Commercial lines insurance					
Commercial casualty	\$265	\$257	\$785	\$753	
•					
Commercial property	217	205	646	604	
Commercial auto	151	141	442	416	
Workers' compensation	90	93	268	276	
Other commercial	56	61	169	186	
Commercial lines insurance premiums	779	757	2,310	2,235	
Fee revenues	1	1	3	3	
Total commercial lines insurance	780	758	2,313	2,238	
Total commercial mies msurance	780	130	2,313	2,236	
Personal lines insurance					
Personal auto	137	128	403	376	
Homeowner	122	117	362	345	
Other personal	34	32	99	96	
Personal lines insurance premiums	293	277	864	817	
Fee revenues	1	1	3	2	
	294	278	867	819	
Total personal lines insurance	294	210	807	819	
	4.0	4.0	106		
Excess and surplus lines insurance	48	42	136	124	
Fee revenues	1		1	1	
Total excess and surplus lines insurance	49	42	137	125	
-					
Life insurance premiums	58	51	175	156	
Fee revenues	2	2	4	4	
Total life insurance	60	53	179	160	
Total file insurance	00	33	1/9	100	
_					
Investments					
Investment income, net of expenses	148	143	442	422	
Realized investment gains, net	56	3	161	110	
Total investment revenue	204	146	603	532	
Other					
	13		22		
Cincinnati Re insurance premiums		1	33		
Other	2	1	5	5	
Total other revenues	15	1	38	5	
Total revenues	\$1,402	\$1,278	\$4,137	\$3,879	
Income (loss) before income taxes:					
Insurance underwriting results					
Commercial lines insurance	\$72	\$121	\$148	\$244	
Personal lines insurance					
		,		(30)	
Excess and surplus lines insurance	20	14	42	29	
Life insurance	(4)) 1	(4)	(1)	

Investments	181	125	536	468	
Other	(8) (16) (38) (45)
Total income before income taxes	\$253	\$243	\$684	\$665	

Identifiable assets: September 30, December 31,

2016 2015 Property casualty insurance \$ 2,857 \$ 2,717 Life insurance 1,417 1,325 Investments 15,682 14,485 Other 499 361 \$ 20,455 \$ 18,888 Total

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

The following discussion highlights significant factors influencing the condensed consolidated results of operations and financial position of Cincinnati Financial Corporation. It should be read in conjunction with the consolidated financial statements and related notes included in our 2015 Annual Report on Form 10-K. Unless otherwise noted, the industry data is prepared by A.M. Best Co., a leading insurance industry statistical, analytical and financial strength rating organization. Information from A.M. Best is presented on a statutory basis. When we provide our results on a comparable statutory basis, we label it as such; all other company data is presented in accordance with accounting principles generally accepted in the United States of America (GAAP).

We present per share data on a diluted basis unless otherwise noted, adjusting those amounts for all stock splits and dividends. Dollar amounts are rounded to millions; calculations of percent changes are based on dollar amounts rounded to the nearest million. Certain percentage changes are identified as not meaningful (nm).

SAFE HARBOR STATEMENT

This is our "Safe Harbor" statement under the Private Securities Litigation Reform Act of 1995. Our business is subject to certain risks and uncertainties that may cause actual results to differ materially from those suggested by the forward-looking statements in this report. Some of those risks and uncertainties are discussed in our 2015 Annual Report on Form 10-K, Item 1A, Risk Factors, Page 26.

Factors that could cause or contribute to such differences include, but are not limited to:

Unusually high levels of catastrophe losses due to risk concentrations, changes in weather patterns, environmental events, terrorism incidents or other causes

Increased frequency and/or severity of claims or development of claims that are unforeseen at the time of policy issuance

Inadequate estimates, assumptions or reliance on third-party data used for critical accounting estimates

Declines in overall stock market values negatively affecting the company's equity portfolio and book value Domestic and global events resulting in capital market or credit market uncertainty, followed by prolonged periods of economic instability or recession, that lead to:

Significant or prolonged decline in the fair value of a particular security or group of securities and impairment of the asset(s)

Significant decline in investment income due to reduced or eliminated dividend payouts from a particular security or group of securities

Significant rise in losses from surety and director and officer policies written for financial institutions or other insured entities

Prolonged low interest rate environment or other factors that limit the company's ability to generate growth in investment income or interest rate fluctuations that result in declining values of fixed-maturity investments,

including declines in accounts in which we hold bank-owned life insurance contract assets

Recession or other economic conditions resulting in lower demand for insurance products or increased payment delinquencies

Difficulties with technology or data security breaches, including cyberattacks, that could negatively affect our ability to conduct business and our relationships with agents, policyholders and others

Disruption of the insurance market caused by technology innovations such as driverless cars that could decrease consumer demand for insurance products

Delays, inadequate data developed internally or from third parties, or performance inadequacies from ongoing development and implementation of underwriting and pricing methods, including telematics and other usage-based insurance methods, or technology projects and enhancements expected to increase our pricing accuracy, underwriting profit and competitiveness

Increased competition that could result in a significant reduction in the company's premium volume

Changing consumer insurance-buying habits and consolidation of independent insurance agencies that could alter our competitive advantages

Inability to obtain adequate ceded reinsurance on acceptable terms, amount of reinsurance coverage purchased,

financial strength of reinsurers and the potential for nonpayment or delay in payment by reinsurers

Inability to defer policy acquisition costs for any business segment if pricing and loss trends would lead management to conclude that segment could not achieve sustainable profitability

Inability of our subsidiaries to pay dividends consistent with current or past levels

Events or conditions that could weaken or harm the company's relationships with its independent agencies and hamper opportunities to add new agencies, resulting in limitations on the company's opportunities for growth, such as:

Downgrades of the company's financial strength ratings

Concerns that doing business with the company is too difficult

Perceptions that the company's level of service, particularly claims service, is no longer a distinguishing characteristic in the marketplace

Inability or unwillingness to nimbly develop and introduce coverage product updates and innovations that our competitors offer and consumers expect to find in the marketplace

Actions of insurance departments, state attorneys general or other regulatory agencies, including a change to a federal system of regulation from a state-based system, that:

Impose new obligations on us that increase our expenses or change the assumptions underlying our critical accounting estimates

Place the insurance industry under greater regulatory scrutiny or result in new statutes, rules and regulations Restrict our ability to exit or reduce writings of unprofitable coverages or lines of business

Add assessments for guaranty funds, other insurance-related assessments or mandatory reinsurance arrangements; or that impair our ability to recover such assessments through future surcharges or other rate changes

Increase our provision for federal income taxes due to changes in tax law

Increase our other expenses

Limit our ability to set fair, adequate and reasonable rates

Place us at a disadvantage in the marketplace

Restrict our ability to execute our business model, including the way we compensate agents

Adverse outcomes from litigation or administrative proceedings

Events or actions, including unauthorized intentional circumvention of controls, that reduce the company's future ability to maintain effective internal control over financial reporting under the Sarbanes-Oxley Act of 2002 Unforeseen departure of certain executive officers or other key employees due to retirement, health or other causes that could interrupt progress toward important strategic goals or diminish the effectiveness of certain longstanding relationships with insurance agents and others

Events, such as an epidemic, natural catastrophe or terrorism, that could hamper our ability to assemble our workforce at our headquarters location

Further, the company's insurance businesses are subject to the effects of changing social, global, economic and regulatory environments. Public and regulatory initiatives have included efforts to adversely influence and restrict premium rates, restrict the ability to cancel policies, impose underwriting standards and expand overall regulation. The company also is subject to public and regulatory initiatives that can affect the market value for its common stock, such as measures affecting corporate financial reporting and governance. The ultimate changes and eventual effects, if any, of these initiatives are uncertain.

CORPORATE FINANCIAL HIGHLIGHTS

Net Income and Comprehensive Income Data

(Dallars in millions avant per share data)	Three months ended			Nine months ended		
(Dollars in millions except per share data)	Septem	ber 30,		Septem	ber 30,	
	2016	2015	% Change	2016	2015	% Change
Earned premiums	\$1,191	\$1,127	6	\$3,518	\$3,332	6
Investment income, net of expenses (pretax)	148	143	3	442	422	5
Realized investment gains, net (pretax)	56	3	nm	161	110	46
Total revenues	1,402	1,278	10	4,137	3,879	7
Net income	180	174	3	491	478	3
Comprehensive income	218	(60)	nm	899	14	nm
Net income per share—diluted	1.08	1.05	3	2.95	2.89	2
Cash dividends declared per share	0.48	0.46	4	1.44	1.38	4
Diluted weighted average shares outstanding	166.8	165.5	1	166.5	165.5	1

Total revenues rose for the third quarter and the first nine months of 2016, compared with the same periods of 2015, primarily due to higher earned premiums. Premium and investment revenue trends are discussed further in the respective sections of Financial Results.

Realized investment gains and losses are recognized on the sales of investments or as otherwise required by GAAP. We have substantial discretion in the timing of investment sales, and that timing generally is independent of the insurance underwriting process. GAAP also requires us to recognize in net income the gains or losses from certain changes in fair values of securities even though we continue to hold the securities.

Net income for the third quarter of 2016, compared with third-quarter 2015, increased \$6 million, reflecting a \$35 million increase in after-tax net realized investment gains that was partially offset by a decrease in property casualty underwriting income of \$28 million after taxes. Catastrophe losses, mostly weather related, were \$19 million more after taxes and unfavorably affected both net income and property casualty underwriting income. After-tax investment income in our investment segment results for the third quarter of 2016 rose \$4 million compared with the same quarter of 2015. Life insurance segment income on a pretax basis for the third quarter of 2016 decreased \$5 million compared with third-quarter 2015.

For the nine months ended September 30, 2016, net income rose \$13 million compared with the first nine months of 2015, primarily due to a \$34 million increase in after-tax net realized investment gains and losses. In addition, after-tax investment income for the first nine months of 2016 was \$15 million higher than a year ago. Property casualty underwriting income decreased by \$31 million after taxes, driven by an unfavorable \$69 million effect from higher catastrophe losses that offset improvement in other loss experience from our underwriting operations. Life insurance segment income on a pretax basis decreased by \$3 million.

Performance by segment is discussed below in Financial Results. As discussed in our 2015 Annual Report on Form 10-K, Item 7, Factors Influencing Our Future Performance, Page 45, there are several reasons that our performance during 2016 may be below our long-term targets. In that annual report, as part of Financial Results, we also discussed the full-year 2016 outlook for each reporting segment.

The board of directors is committed to rewarding shareholders directly through cash dividends and through share repurchase authorizations. Through 2015, the company had increased the indicated annual cash dividend rate for 55 consecutive years, a record we believe was matched by only eight other publicly traded companies. In January

2016, the board of directors increased the regular quarterly dividend to 48 cents per share, setting the stage for our 56th consecutive year of increasing cash dividends. During the first nine months of 2016, cash dividends declared by the company increased more than 4 percent compared with the same period of 2015. Our board regularly evaluates relevant factors in decisions related to dividends and share repurchases. The 2016 dividend increase reflected our strong earnings performance and signaled management's and the board's positive outlook and confidence in our outstanding capital, liquidity and financial flexibility.

Balance Sheet Data and Performance Measures

	At	At
(In millions except share data)	September	December
	30,	31,
	2016	2015
Total investments	\$15,642	\$14,423
Total assets	20,455	18,888
Short-term debt	20	35
Long-term debt	786	786
Shareholders' equity	7,121	6,427
Book value per share	43.24	39.20
Debt-to-total-capital ratio	10.2 %	11.3 %

Total assets at September 30, 2016, increased 8 percent compared with year-end 2015, and included 8 percent growth in investments largely driven by higher fair values for many securities in our portfolio. Shareholders' equity increased 11 percent, and book value per share increased 10 percent during the first nine months of 2016. Our debt-to-total-capital ratio (capital is the sum of debt plus shareholders' equity) was lower than at year-end 2015.

Our value creation ratio is a non-GAAP measure defined below and is our primary performance metric. That ratio was 14.0 percent for the first nine months of 2016, and was better than the same period in 2015 primarily due to higher net gains from our investment portfolio. The effect of net income before net realized gains was strong for both periods. The \$4.04 increase in book value per share during the first nine months of 2016 contributed 10.3 percentage points to the value creation ratio, while dividends declared at \$1.44 per share contributed 3.7 points. Value creation ratio trends in total and by major components, along with a reconciliation of the non-GAAP measure to comparable GAAP measures, are shown in the tables below.

Three months Nine months

			NIIIC III	onuis
	ended		ended	
	Septem	ber 30,	Septem	ber 30,
	2016	2015	2016	2015
Value creation ratio major components:				
Net income before net realized gains	2.1 %	2.7 %	6.0 %	6.1 %
Change in fixed-maturity securities, realized and unrealized gains	(0.1)	(0.2)	2.9	(1.5)
Change in equity securities, realized and unrealized gains	1.2	(3.4)	5.2	(4.6)
Other	0.0	0.0	(0.1)	0.0
Value creation ratio	3.2 %	(0.9)%	14.0 %	0.0 %

(Dollars are per share)	Three months ended September 30,			Nine months ended Septemb 30,			oe:	r	
	2016			2016		2015			
Book value change per share:	2010	201		2010		2013			
End of period book value	\$43.24	\$38	.77	\$43.2	4	\$38.7	7		
Less beginning of period book value	42.37	39.6		39.20		40.14			
Change in book value	\$0.87	\$(0	.83)	\$4.04		\$(1.3	7)	
-									
Change in book value:									
Net income before realized gains	\$0.87	\$1.0	05	\$2.34		\$2.48			
Change in fixed-maturity securities, realized	(0.04) (O O	7	1 1 1		(0.50		`	
and unrealized gains	(0.04	0.0)	17)	1.14		(0.59)	
Change in equity securities, realized and unrealized gains	0.51	(1.3	7)	2.02		(1.86)	
Dividend declared to shareholders	(0.48)) (0.4	6)	(1.44)	(1.38)	
Other	0.01	0.02	2	(0.02))	(0.02))	
Change in book value	\$0.87	\$(0	.83)	\$4.04		\$(1.3	7)	
	Thre	ee mo	nths e	ended	Ni	ne mo	n	ths end	led
(Dollars are per share)		tembe				ptemb			
	201		2015	5	20	•		2015	
Value creation ratio:									
End of period book value	\$43	.24	\$38.	.77	\$4	3.24		\$38.7	7
Less beginning of period book value	42.3	37	39.6	0	39	.20		40.14	
Change in book value	0.87	,	(0.83)	-	4.0)4		(1.37)
Dividend declared to shareholders	0.48		0.46		1.4			1.38	
Total value creation	\$1.3	35	\$(0.	37)	\$5	.48		\$0.01	
Value creation ratio from change in book value*	2.1	%	(2.1)%	10	.3 %	6	(3.4)%
Value creation ratio from dividends declared shareholders**	to 1.1		1.2		3.7	7		3.4	
Value creation ratio	3.2	%	(0.9)%	14	.0 %	6	0.0	%

^{*}Change in book value divided by the beginning of period book value

DRIVERS OF LONG-TERM VALUE CREATION

Operating through The Cincinnati Insurance Company, Cincinnati Financial Corporation is one of the 25 largest property casualty insurers in the nation, based on 2015 net written premiums for approximately 2,000 U.S. stock and mutual insurer groups. We market our insurance products through a select group of independent insurance agencies as discussed in our 2015 Annual Report on Form 10-K, Item 1, Our Business and Our Strategy, Page 5. At September 30, 2016, we actively marketed through agencies located in 41 states. We maintain a long-term perspective that guides us in addressing immediate challenges or opportunities while focusing on the major decisions that best position our

^{**}Dividend declared to shareholders divided by beginning of period book value

company for success through all market cycles.

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To measure our long-term progress in creating shareholder value, our value creation ratio is our primary financial performance target. As discussed in our 2015 Annual Report on Form 10-K, Item 7, Executive Summary, Page 40, management believes this non-GAAP measure is a meaningful indicator of our long-term progress in creating shareholder value, is a useful supplement to GAAP information and has three primary performance drivers:

Premium growth – We believe our agency relationships and initiatives can lead to a property casualty written premium growth rate over any five-year period that exceeds the industry average. For the first nine months of 2016, our consolidated property casualty net written premium year-over-year growth was 6 percent, comparing favorably with the industry's 3 percent growth rate reported by A.M. Best for the first six months of 2016. For the five-year period 2011 through 2015, our growth rate was approximately double that of the industry. The industry's growth rate excludes its mortgage and financial guaranty lines of business.

Combined ratio – We believe our underwriting philosophy and initiatives can generate a GAAP combined ratio over any five-year period that is consistently within the range of 95 percent to 100 percent. For the first nine months of 2016, our GAAP combined ratio was 94.4 percent and our statutory combined ratio was

• 93.4 percent, both including 7.8 percentage points of current accident year catastrophe losses partially offset by 4.6 percentage points of favorable loss reserve development on prior accident years. Our nine-month statutory combined ratio was lower than the 100.0 percent reported for the industry by A.M. Best for the first six months of 2016. The industry's ratio again excludes its mortgage and financial guaranty lines of business.

Investment contribution – We believe our investment philosophy and initiatives can drive investment income growth and lead to a total return on our equity investment portfolio over a five-year period that exceeds the five-year return of the Standard & Poor's 500 Index. For the first nine months of 2016, pretax investment income was \$442 million, up 5 percent compared with the same period in 2015. We believe our investment portfolio mix provides an appropriate balance of income stability and growth with capital appreciation potential.

Highlights of Our Strategy and Supporting Initiatives

Management has worked to identify a strategy that can lead to long-term success, with concurrence by the board of directors. Our strategy is intended to position us to compete successfully in the markets we have targeted while appropriately managing risk. Further description of our long-term, proven strategy can be found in our 2015 Annual Report on Form 10-K, Item 1, Our Business and Our Strategy, Page 5. We believe successful implementation of initiatives that support our strategy will help us better serve our agent customers and reduce volatility in our financial results while we also grow earnings and book value over the long term, successfully navigating challenging economic, market or industry pricing cycles.

Manage insurance profitability – Implementation of these initiatives is intended to enhance underwriting expertise and knowledge, thereby increasing our ability to manage our business while also gaining efficiency. Better profit margins can arise from additional information and more focused action on underperforming product lines, plus pricing capabilities we are expanding through the use of technology and analytics. In addition to enhancing company efficiency, improving internal processes also supports the ability of the independent agencies that represent us to grow profitably by allowing them to serve clients faster and to more efficiently manage agency expenses. We continue to enhance our property casualty underwriting expertise and to effectively and efficiently underwrite individual policies and process transactions. Ongoing initiatives supporting this work include expanding our pricing and segmentation capabilities through experience and use of predictive analytics and additional data. Our segmentation efforts emphasize identification and retention of insurance policies we believe have relatively stronger pricing, while seeking more aggressive renewal terms and conditions on policies we believe have relatively weaker pricing. An area of concentration in 2016 is improving underwriting and rate adequacy for our commercial auto and personal auto lines of business. Our commercial auto policies that renewed during the first nine months of 2016 experienced an estimated average price percentage increase in the mid-single-digit range. Our personal auto policies that renewed during that period averaged an estimated price percentage increase near the high end of the mid-single-digit range.

Drive premium growth – Implementation of these initiatives is intended to further penetrate each market we serve through our independent agencies. Strategies aimed at specific market opportunities, along with service enhancements, can help our agents grow and increase our share of their business. Diversified growth also may reduce variability of losses from weather-related catastrophes.

We continue to appoint new agencies to develop additional points of distribution. In 2016, we are planning approximately 100 appointments of independent agencies that offer most or all of our property casualty insurance products. During the first nine months of 2016, we appointed 60 new agencies that meet that criteria. We also appointed another 94 agencies to market only personal lines insurance products for us. As of September 30, 2016, a total of 1,592 agency relationships market our property casualty insurance products from 2,059 reporting locations. We plan to appoint additional agencies that focus on high net worth personal lines clients. In 2016, we are targeting approximately \$25 million in high net worth new business written premiums, including premiums from our Executive CapstoneTM suite of insurance products and services. During the first nine months of 2016, our agencies produced for us approximately \$21 million in high net worth new business written premiums. During the third quarter of 2016, we appointed agencies in the state of California and began to offer personal lines insurance products for the unique needs of high net worth personal lines clients. That state represents our 41st state for marketing property casualty insurance, including 33 states where we market personal lines policies.

Financial Strength

An important part of our long-term strategy is financial strength, which is described in our 2015 Annual Report on Form 10-K, Item 1, Our Business and Our Strategy, Financial Strength, Page 7. One aspect of our financial strength is prudent use of reinsurance ceded to help manage financial performance variability due to catastrophe loss experience. A description of how we use reinsurance ceded is included in our 2015 Annual Report on Form 10-K, Item 7, Liquidity and Capital Resources, 2016 Reinsurance Ceded Programs, Page 101. Another aspect of our financial strength is our investment portfolio, which remains well-diversified as discussed in this quarterly report in Item 3,

Quantitative and Qualitative Disclosures About Market Risk. Our strong parent-company liquidity and financial strength increase our flexibility to maintain a cash dividend through all periods and to continue to invest in and expand our insurance operations.

At September 30, 2016, we held \$2.161 billion of our cash and invested assets at the parent-company level, of which \$1.802 billion, or 83.4 percent, was invested in common stocks, and \$267 million, or 12.3 percent, was cash or cash equivalents. Our debt-to-total-capital ratio of 10.2 percent remains well below our target limit. Another important indicator of financial strength is our ratio of property casualty net written premiums to statutory surplus, which was 1.0-to-1 for the 12 months ended September 30, 2016, matching year-end 2015.

Financial strength ratings assigned to us by independent rating firms also are important. In addition to rating our parent company's senior debt, four firms award insurer financial strength ratings to one or more of our insurance subsidiary companies based on their quantitative and qualitative analyses. These ratings primarily assess an insurer's ability to meet financial obligations to policyholders and do not necessarily address all of the matters that may be important to investors. Ratings are under continuous review and subject to change or withdrawal at any time by the rating agency. Each rating should be evaluated independently of any other rating; please see each rating agency's website for its most recent report on our ratings.

All of our insurance subsidiaries continue to be highly rated. As of October 24, 2016, our insurer financial strength ratings were:

Rating agency	Standard maproperty cast insurance subsidiaries	sualty	Life insuran subsidiary	ce	line	cess and s es urance su	•	Date of most recent affirmation or action
		Rating tier		Rating tier			Rating tier	
A.M. Best Co. ambest.com	A+Superior		A Excellen		A+			Stable outlook (03/10/16)
Fitch Ratings fitchratings.com	A+Strong	5 of 21	A+Strong	5 of 21	-	-	-	Stable outlook (07/12/16)
Moody's Investors Service moodys.com	A1 Good	5 of 21		-	-	-	-	Stable outlook (05/24/16)
S&P Global Ratings spratings.com	A+Strong	5 of 21	A+Strong	5 of 21	-	-	-	Stable outlook (06/28/16)

CONSOLIDATED PROPERTY CASUALTY INSURANCE HIGHLIGHTS

Consolidated property casualty insurance results include premiums and expenses for our standard market insurance segments (commercial lines and personal lines), our excess and surplus lines segment and our reinsurance assumed operations.

(Dollars in millions)	Three 30,	moi	nths end	ded (September		Nine months ended September 30,					r
	2016		2015		% Change	20	016		2015		% Chan	ge
Earned premiums	\$1,133	3	\$1,07	5	5	\$	3,343	3	\$3,170	6	5	_
Fee revenues	3		2		50	7			6		17	
Total revenues	1,136		1,078		5	3,	,350		3,182		5	
Loss and loss expenses from:												
Current accident year before catastrophe losses	676		633		7	2,	,001		1,935		3	
Current accident year catastrophe losses	54		28		93	20	60		161		61	
Prior accident years before catastrophe losses	(42)	(47)	11	(1	146)	(128)	(14)
Prior accident years catastrophe losses	2		(1)	nm	(5	5)	(12)	58	
Loss and loss expenses	690		613		13	2,	,110		1,956		8	
Underwriting expenses	356		332		7	1,	,044		983		6	
Underwriting profit	\$90		\$133		(32) \$	196		\$243		(19)
Ratios as a percent of earned premiums:					Pt. Change	,					Pt. Char	nge
Current accident year before catastrophe												-8-
losses	59.8	%	58.7	%	1.1	59	9.9	%	60.8	%	(0.9))
Current accident year catastrophe losses	4.7		2.6		2.1	7.	.8		5.1		2.7	
Prior accident years before catastrophe losses)	(4.3)	0.6		1.4)	(4.0)	(0.4)
Prior accident years catastrophe losses	0.2		(0.1)	0.3	,	0.2)	(0.4)	0.2	
Loss and loss expenses	61.0		56.9	,	4.1	,	3.1		61.5		1.6	
Underwriting expenses	31.4		30.9		0.5	3	1.3		31.0		0.3	
Combined ratio	92.4	%	87.8	%	4.6	94	4.4	%	92.5	%	1.9	
Combined ratio	92.4	0%	87.8	0%	4.6	Q	4.4	0%	92.5	%	1.9	
Contribution from catastrophe losses and prior		70		70				70		70		
years reserve development	1.2		(1.8)	3.0	3.	.2		0.7		2.5	
Combined ratio before catastrophe losses and prior years reserve development	91.2	%	89.6	%	1.6	9	1.2	%	91.8	%	(0.6)

Our consolidated property casualty insurance operations generated an underwriting profit of \$90 million and \$196 million for the three and nine months ended September 30, 2016. The three-month decrease of \$43 million, compared with the third quarter of 2015, was largely due to an increase of \$29 million in losses from weather-related natural catastrophes. The nine-month decrease of \$47 million, compared with the same period of 2015, was driven by an increase of \$106 million in losses from weather-related natural catastrophes. We believe future property casualty underwriting results will continue to benefit from price increases and our ongoing initiatives to improve pricing precision and loss experience related to claims and loss control practices.

For all property casualty lines of business in aggregate, net loss and loss expense reserves at September 30, 2016, were \$257 million higher than at year-end 2015, including \$134 million for the incurred but not reported (IBNR) portion. The \$257 million reserve increase raised year-end 2015 net loss and loss expense reserves by 6 percent.

We measure and analyze property casualty underwriting results primarily by the combined ratio and its component ratios. The GAAP-basis combined ratio is the percentage of incurred losses plus all expenses per each earned premium

dollar – the lower the ratio, the better the performance. An underwriting profit results when the combined ratio is below 100 percent. A combined ratio above 100 percent indicates that an insurance company's losses and expenses exceeded premiums.

Our consolidated property casualty combined ratio for the third quarter of 2016 rose 4.6 percentage points, compared with the same period of 2015, including 2.4 points from higher catastrophe losses and loss expenses.

For the first nine months of 2016, compared with the same period of 2015, our consolidated property casualty combined ratio rose 1.9 percentage points, including 2.9 points from higher catastrophe losses and loss expenses.

The combined ratio can be affected significantly by natural catastrophe losses and other large losses as discussed in detail below. The combined ratio can also be affected by updated estimates of loss and loss expense reserves established for claims that occurred in prior periods, referred to as prior accident years. Net favorable development on prior accident year reserves, including reserves for catastrophe losses, benefited the combined ratio by 4.6 percentage points in the first nine months of 2016, compared with 4.4 percentage points in the same period of 2015. Net favorable development is discussed in further detail in Financial Results by property casualty insurance segment.

The ratio for current accident year loss and loss expenses before catastrophe losses improved in the first nine months of 2016. The 59.9 percent ratio for the first nine months of 2016 decreased 0.9 percentage points compared with the 60.8 percent accident year 2015 ratio measured as of September 30, 2015, including an increase of 0.5 percentage points in the ratio for large losses of \$1 million or more per claim, discussed below.

The underwriting expense ratio increased 0.5 and 0.3 percentage points for the third quarter and first nine months of 2016, compared with the same periods of 2015. Strategic investments that include enhancement of underwriting expertise offset the favorable effects of higher earned premiums and ongoing expense management efforts.

Consolidated Property Casualty Insurance Premiums

(Dollars in millions)	Three m	onths end oer 30,	ded	Nine mo	ed	
	2016	2015	% Change	2016	2015	% Change
Agency renewal written premiums	\$1,036	\$999	4	\$3,121	\$3,000	4
Agency new business written premiums	149	138	8	417	392	6
Cincinnati Re net written premiums	21		nm	56	_	nm
Other written premiums	(31)	(39)	21	(78)	(86)	9
Net written premiums	1,175	1,098	7	3,516	3,306	6
Unearned premium change	(42)	(22)	(91)	(173)	(130)	(33)
Earned premiums	\$1,133	\$1,076	5	\$3,343	\$3,176	5

The trends in net written premiums and earned premiums summarized in the table above include the effects of price increases. Price change trends that heavily influence renewal written premium increases or decreases, along with other premium growth drivers for 2016, are discussed in more detail by segment below in Financial Results.

Consolidated property casualty net written premiums for the three and nine months ended September 30, 2016, grew \$77 million and \$210 million compared with the same periods of 2015. Each of our property casualty segments continued to grow during the first nine months of 2016. Our premium growth initiatives from prior years have provided an ongoing favorable effect on growth during the current year, particularly as newer agency relationships mature over time.

Consolidated property casualty agency new business written premiums rose \$11 million and \$25 million for the third quarter and first nine months of 2016, compared with the same periods of 2015. New business written premiums in the third quarter and first nine months of 2016 were higher than the same periods of 2015 for each of our property casualty insurance segments. New agency appointments during 2015 and 2016 produced a \$28 million increase in standard lines new business for the first nine months of 2016 compared with the same period of 2015. As we appoint new agencies that choose to move accounts to us, we report these accounts as new business. While this business is

new to us, in many cases it is not new to the agent. We believe these seasoned accounts tend to be priced more accurately than business that may be less familiar to our agent upon obtaining it from a competing agent.

Net written premiums for Cincinnati ReSM increased \$56 million for the first nine months of 2016, compared with the same period of 2015. Cincinnati Re assumes risks through reinsurance treaties and in some cases cedes part of the risk and related premiums to one or more unaffiliated reinsurance companies through transactions known as retrocessions. For the first nine months of 2016, earned premiums for Cincinnati Re totaled \$33 million, compared with less than \$1 million earned in the same period a year ago.

Other written premiums include premiums ceded to reinsurers as part of our reinsurance ceded program. A decrease in ceded premiums for the third quarter and first nine months of 2016, compared with the same periods of 2015, contributed \$1 million and \$2 million to 2016 net written premium growth.

Catastrophe losses and loss expenses typically have a material effect on property casualty results and can vary significantly from period to period. Losses from natural catastrophes contributed 4.9 and 7.6 percentage points to the combined ratio in the third quarter and first nine months of 2016, compared with 2.5 and 4.7 percentage points in the same periods of 2015. Some of those losses were applicable to annual loss deductible provisions of our collateralized reinsurance funded through catastrophe bonds. For our collateralized reinsurance arrangement effective January 18, 2014, aggregate losses occurring from January 18, 2016, through September 30, 2016, totaled \$16 million from three occurrences, where aggregate losses reached the applicable loss deductible provision for the specific geographic locations included in the severe convective storm portion of that coverage. If aggregate losses, after the \$5 million per occurrence deductible, exceed \$160 million during an annual coverage period, we can recover the excess through funds that collateralize the catastrophe bonds. The following table shows consolidated property casualty insurance catastrophe losses and loss expenses incurred, net of reinsurance, as well as the effect of loss development on prior period catastrophe events. We individually list declared catastrophe events for which our incurred losses reached or exceeded \$10 million.

Consolida	Consolidated Property Casualty Insurance Catastrophe Losses and Loss Expenses Incurred										
(Dollars in millions, net of reinsurance)				e mont		nded	Nine n			d	
	,,		September 30, ComnPers. E&S				September 30, Comm.Pers. E&S				
_	_										
Dates 2016	Event	Region	lines	lines	lines	s Total	lines	lines	lines	Total	
Apr. 2-3	Hail, Wind	Midwest, Northeast, South	\$—	\$—	\$	_\$	\$6	\$6	\$ —	\$12	
Apr. 10-1:	5 Flood, hail, wind	South		_	_		55		1	56	
	8 Flood, hail, wind	Midwest, South	_			_	8	4	_	12	
Apr. 29- May 3	Flood, hail, wind	Midwest, South	1	1	_	2	19	8		27	
•	Flood, hail, wind	Midwest, South, West	3	5		8	17	11		28	
May 11-1	2 Flood, hail, wind	Midwest, South	(1)	1	_		10	2		12	
May 21-2	8 Flood, hail, wind	Midwest, South, West	1	_	_	1	12	3		15	
Jul. 28-29	Flood, hail, wind	West	11	_	_	11	11	_		11	
Sep. 19-23	3 Flood, hail, wind	Midwest	1	10		11	1	10		11	
All other 2	2016 catastrophes		11	10	_	21	47	28	1	76	
Developm	nent on 2015 and prior catastro	phes	4	(2)	_	2	(2)	(3)	_	(5)	
Calendar	year incurred total	_	\$31	\$25	\$	-\$ 56	\$184	\$69	\$ 2	\$255	
2015											
Feb. 16-2	7 Freezing, ice and snow, wind	Midwest, Northeast, South	1 \$1	\$ —	\$	-\$ 1	\$35	\$10	\$ —	\$45	
Apr. 7-10	Flood, hail, wind	Midwest, Northeast, South	_	_		_	7	14	_	21	
Apr. 18-20	0 Flood, hail, wind	Midwest, South					6	6		12	
Jul. 12-14	Flood, hail, wind	Midwest, South	4	8		12	4	8		12	
All other 2	2015 catastrophes		7	8		15	42	28	1	71	
Developm	ent on 2014 and prior catastro	phes	—	(1)	—	(1)	(9)	(3)	—	(12)	
Calendar	year incurred total		\$12	\$15	\$	\$ 27	\$85	\$63	\$ 1	\$149	

The following table includes data for losses incurred of \$1 million or more per claim, net of reinsurance.

Consolidated Property Casualty Insurance Losses Incurred by Size										
(Dollars in millions, net of reinsurance)	Three m	onths end per 30,		Nine mor September						
	2016	2015	% Change	2016	2015	% Change				
Current accident year losses greater than \$5,000,000	\$10	\$8	25	\$33	\$25	32				
Current accident year losses \$1,000,000- \$5,000,000	46	43	7	122	104	17				
Large loss prior accident year reserve development	1	19	(95)	4	30	(87)				
Total large losses incurred	57	70	(19)	159	159	0				
Losses incurred but not reported	(7)	(31)	77	100	50	100				
Other losses excluding catastrophe losses	467	441	6	1,269	1,276	(1)				
Catastrophe losses	53	24	121	249	144	73				
Total losses incurred	\$570	\$504	13	\$1,777	\$1,629	9				
Ratios as a percent of earned premiums:			Pt. Change			Pt. Change				
Current accident year losses greater than \$5,000,000	0.9 %	0.7 %	0.2	1.0 %	0.8 %	0.2				
Current accident year losses \$1,000,000- \$5,000,000	4.1	4.1	0.0	3.6	3.3	0.3				
Large loss prior accident year reserve development	0.2	1.7	(1.5)	0.1	0.9	(0.8)				
Total large loss ratio	5.2	6.5	(1.3)	4.7	5.0	(0.3)				
Losses incurred but not reported	(0.7)	(2.9)	2.2	3.0	1.6	1.4				
Other losses excluding catastrophe losses	41.3	40.9	0.4	38.1	40.2	(2.1)				
Catastrophe losses	4.7	2.3	2.4	7.4	4.5	2.9				
Total loss ratio	50.5 %	46.8 %	3.7	53.2 %	51.3 %	1.9				

We believe the inherent variability of aggregate loss experience for our portfolio of larger policies is greater than that of our portfolio of smaller policies, and we continue to monitor the variability in addition to general inflationary trends in loss costs. Our analysis continues to indicate no unexpected concentration of large losses and case reserve increases by risk category, geographic region, policy inception, agency or field marketing territory. The third-quarter 2016 property casualty total large losses incurred of \$57 million, net of reinsurance, were higher than the \$54 million quarterly average during full-year 2015 but lower than the \$70 million experienced for the third quarter of 2015. The ratio for these large losses was 1.3 percentage points lower compared with last year's third quarter. The third-quarter 2016 amount of total large losses incurred helped contribute to the decrease in the nine-month 2016 total large loss ratio, compared with 2015, offsetting a first-half 2016 ratio that was 0.4 points higher than the first half of 2015. We believe results for the three- and nine-month periods largely reflected normal fluctuations in loss patterns and normal variability in large case reserves for claims above \$1 million. Losses by size are discussed in further detail in results of operations by property casualty insurance segment.

Consolidated results reflect the operating results of each of our five segments along with the parent company,

Cincinnati Re and other activities reported as "Other." The five segments are:

Commercial lines property casualty insurance

Personal lines property casualty insurance

Excess and surplus lines property casualty insurance

Life insurance

Investments

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COMMERCIAL LINES INSURANCE RESULTS

(Dollars in millions)				Nine mont September		
	2016	2015	% Change	2016	2015	% Change
Earned premiums	\$779	\$757	3	\$2,310	\$2,235	3
Fee revenues	1	1	0	3	3	0
Total revenues	780	758	3	2,313	2,238	3
Loss and loss expenses from:						
Current accident year before catastrophe losses	460	429	7	1,357	1,315	3
Current accident year catastrophe losses	27	12	125	186	94	98
Prior accident years before catastrophe losses	(35)	(43)	19	(116)	(111)	(5)
Prior accident years catastrophe losses	4		nm	(2)	(9)	78
Loss and loss expenses	456	398	15	1,425	1,289	11
Underwriting expenses	252	239	5	740	705	5
Underwriting profit	\$72	\$121	(40)	\$148	\$244	(39)
Dation on a narrount of sound demandary			Pt.			Pt.
Ratios as a percent of earned premiums:			Change			Change
Current accident year before catastrophe losses	59.1 %	56.6 %	2.5	58.7 %	58.8 %	(0.1)
Current accident year catastrophe losses	3.5	1.5	2.0	8.1	4.2	3.9
Prior accident years before catastrophe losses	(4.5)	(5.6)	1.1	(5.0)	(5.0)	0.0
Prior accident years catastrophe losses	0.4	(0.1)	0.5	(0.1)	(0.4)	0.3
Loss and loss expenses	58.5	52.4	6.1	61.7	57.6	4.1
Underwriting expenses	32.3	31.6	0.7	32.0	31.6	0.4
Combined ratio	90.8 %	84.0 %	6.8	93.7 %	89.2 %	4.5
Combined ratio	90.8 %	84.0 %	6.8	93.7 %	89.2 %	4.5
Contribution from catastrophe losses and prior years reserve development	(0.6)	(4.2)	3.6	3.0	(1.2)	4.2
Combined ratio before catastrophe losses and prior years reserve development	91.4 %	88.2 %	3.2	90.7 %	90.4 %	0.3

Overview

Performance highlights for the commercial lines segment include:

Premiums – Earned premiums and net written premiums for the commercial lines segment grew during the third quarter and first nine months of 2016, primarily due to renewal premium growth that continued to reflect price increases and a higher level of insured exposures. Higher new business written premiums for the third quarter and first nine months of 2016 also contributed to growth. The table below analyzes the primary components of premiums. We continue using predictive analytics tools to improve pricing precision and segmentation while also leveraging our local relationships with agents through the efforts of our teams that work closely with them. We seek to maintain appropriate pricing discipline for both new and renewal business as our agents and underwriters assess account quality to make careful decisions on a case-by-case basis whether to write or renew a policy.

Agency renewal written premiums grew 3 percent for both the three and nine months ended September 30, 2016, compared with the same periods of 2015. The growth reflected price increases and improving economic conditions. During the third quarter of 2016, our overall standard commercial lines policies continued to average estimated renewal price increases at percentages in the low-single-digit range, similar to the first half of 2016. We continue to segment commercial lines policies, emphasizing identification and retention of policies we believe have relatively

stronger pricing. Conversely, we have been seeking stricter renewal terms and conditions on policies we believe have relatively weaker pricing, in turn retaining fewer of those policies. As a result, the average change in commercial lines renewal pricing was slightly lower than in 2015. We measure average changes in commercial lines renewal pricing as the percentage rate of change in renewal premium for the new policy period compared with the premium for the expiring policy period, assuming no change in the level of insured exposures or policy coverage between those periods for the respective policies.

Our average overall commercial lines renewal pricing change includes the impact of flat pricing of certain coverages within package policies written for a three-year term that were in force but did not expire during the period being measured. Therefore, the change in average commercial lines renewal pricing we report reflects a blend of three-year policies that did not expire and other policies that did expire during the measurement period. For commercial lines policies that did expire and were then renewed during the third quarter of 2016, we estimate that our average percentage price increase for both commercial auto and commercial property lines were in the mid-single-digit range. The estimated average percentage price change for our commercial casualty line of business was an increase in the low-single-digit range, and for workers' compensation it was a decrease in the low-single-digit range.

Renewal premiums for our commercial casualty and workers' compensation lines include the results of policy audits that adjust initial premium amounts based on differences between estimated and actual sales or payroll related to a specific policy. Audits completed during the third quarter and first nine months of 2016 contributed \$19 million and \$60 million to net written premiums, respectively.

New business written premiums for commercial lines increased \$5 million and \$13 million during the third quarter and first nine months of 2016, compared with the same periods of 2015. During the first nine months of 2016, new business written premiums grew for each major line of business in our commercial lines segment. Trend analysis for year-over-year comparisons of individual quarters are more difficult to assess for commercial lines new business written premiums, due to inherent variability. That variability is often driven by larger policies with annual premiums greater than \$100,000.

Other written premiums include premiums ceded to reinsurers as part of our reinsurance ceded program. A decrease in ceded premiums contributed \$1 million to net written premium growth for the first nine months of 2016, compared with the same period of 2015, while third-quarter 2016 ceded premiums increased \$1 million compared with the third quarter of 2015.

Commercial Lines Insurance Premiums

(Dollars in millions)	Three	months	ended	Nine months ended				
(Donars in initions)	September 30,				September 30,			
	2016 2015 %			2016 2015		% Change		
	.		Change			Change		
Agency renewal written premiums	\$698	\$678	3	\$2,174	\$2,107	3		
Agency new business written premiums	101	96	5	281	268	5		
Other written premiums	(22)	(31)	29	(54)	(62)	13		
Net written premiums	777	743	5	2,401	2,313	4		
Unearned premium change	2	14	(86)	(91)	(78)	(17)		
Earned premiums	\$779	\$757	3	\$2,310	\$2,235	3		

Combined ratio – The commercial lines combined ratio rose for the three and nine months ended September 30, 2016, compared with the same periods last year, largely due to weather-related natural catastrophe losses and loss expenses that were 2.5 and 4.2 percentage points higher, respectively.

Catastrophe losses and loss expenses accounted for 3.9 and 8.0 percentage points of the combined ratio for the third quarter and first nine months of 2016, compared with 1.4 and 3.8 percentage points for the same periods a year ago. The 10-year annual average for that catastrophe measure through 2015 for the commercial lines segment was 4.4 percentage points, and the five-year annual average was 5.6 percentage points.

The net effect of reserve development on prior accident years during the third quarter and first nine months of 2016 was favorable for commercial lines overall by \$31 million and \$118 million compared with \$43 million and \$120 million for the same periods in 2015. For the nine months ended September 30, 2016, our workers' compensation line of business was the largest contributor to the total commercial lines net favorable reserve development on prior accident years, followed, in nearly equal amounts, by other commercial lines, which was largely attributable to

director and officer liability insurance, and our commercial casualty line of business. Those contributions were partially offset by unfavorable reserve development for our commercial auto line of business. The net favorable reserve development recognized during the first nine months of 2016 for our commercial lines segment was distributed mainly between accident years 2015 and 2014, and was primarily due to lower-than-anticipated loss emergence on known claims. Reserve estimates are inherently uncertain as described in our 2015 Annual Report on Form 10-K, Item 7, Critical Accounting Estimates, Property Casualty Insurance Loss and Loss Expense Reserves, Page 46.

The commercial lines underwriting expense ratio increased 0.7 and 0.4 percentage points for the third quarter and first nine months of 2016, compared with the same periods of 2015. Strategic investments that include enhancement of underwriting expertise offset the favorable effects of higher earned premiums and ongoing expense management efforts.

Underwriting results and related measures for the combined ratio are summarized in the first table of Commercial Lines Insurance Results. The tables and discussion below provide additional details of underwriting results.

Commercial	Lines	Insurance	Losses	Incurred	hv	Size
Commictoral		1115urunce	LOSSES	mountou	$\boldsymbol{\nu}$	DIZC

(Dollars in millions, net of reinsurance)	Three n	nonths en ber 30,	ided		Nine months ended September 30,		
	2016	2015	% Change	2016	2015	% Change	
Current accident year losses greater than \$5,000,000	\$10	\$8	25	\$33	\$25	32	
Current accident year losses \$1,000,000- \$5,000,000	34	26	31	103	64	61	
Large loss prior accident year reserve development	5	17	(71)	8	28	(71)	
Total large losses incurred	49	51	(4)	144	117	23	
Losses incurred but not reported	4	(17)	nm	70	31	126	
Other losses excluding catastrophe losses	287	277	4	786	823	(4)	
Catastrophe losses	28	9	211	179	81	121	
Total losses incurred	\$368	\$320	15	\$1,179	\$1,052	12	
Ratios as a percent of earned premiums:			Pt. Change			Pt. Change	
Current accident year losses greater than \$5,000,000	1.3 %	1.0 %	0.3	1.4 %	1.1 %	0.3	
Current accident year losses \$1,000,000- \$5,000,000	4.4	3.7	0.7	4.4	2.9	1.5	
Large loss prior accident year reserve development	0.8	2.3	(1.5)	0.4	1.3	(0.9)	
Total large loss ratio	6.5	7.0	(0.5)	6.2	5.3	0.9	
Losses incurred but not reported	0.4	(2.4)	2.8	3.0	1.3	1.7	
Other losses excluding catastrophe losses	36.7	36.3	0.4	34.1	36.8	(2.7)	
Catastrophe losses	3.7	1.3	2.4	7.8	3.7	4.1	
Total loss ratio	47.3 %	42.2 %	5.1	51.1 %	47.1 %	4.0	

We continue to monitor new losses and case reserve increases greater than \$1 million for trends in factors such as initial reserve levels, loss cost inflation and claim settlement expenses. Our analysis continues to indicate no unexpected concentration of these large losses and case reserve increases by risk category, geographic region, policy inception, agency or field marketing territory. The third-quarter 2016 commercial lines total large losses incurred of \$49 million, net of reinsurance, were higher than the quarterly average of \$42 million during full-year 2015 but lower than the \$51 million total large losses incurred for the third quarter of 2015. The ratio for these large losses was 0.5 percentage points lower compared with last year's third-quarter ratio. The third-quarter 2016 amount of total large losses incurred favorably affected the nine-month 2016 increase of 0.9 percentage points in the total large loss ratio, compared with 2015, as the first-half 2016 ratio was 1.7 points higher than the first half of 2015. We believe results for the three- and nine-month periods largely reflected normal fluctuations in loss patterns and normal variability in

large case reserves for claims above \$1 million.

Commercial Lines of Business Analysis

Approximately 95 percent of our commercial lines premiums relate to accounts with coverages from more than one of our business lines. As a result, we believe that our commercial lines business is best measured and evaluated on a segment basis. However, we provide line-of-business data to summarize premium and loss trends separately for each line. The ratios shown in the table below are components of loss and loss expenses as a percentage of earned premiums.

(Dollars in millions)	Three m	onths end per 30,			Nine months ende September 30,		
	2016	2015	% Change	2016	2015	% Change	
Commercial casualty:							
Written premiums	\$259	\$247	5	\$822	\$787	4	
Earned premiums	265	257	3	785	753	4	
Current accident year before catastrophe losses	57.4 %	53.6 %		58.8 %	57.4 %		
Current accident year catastrophe losses	_	_		_	_		
Prior accident years before catastrophe losses	(2.6)	(6.2)		(3.8)	(4.8)		
Prior accident years catastrophe losses	_	_		_	_		
Total loss and loss expenses ratio	54.8 %	47.4 %		55.0 %	52.6 %		
Commercial property:							
Written premiums	\$224	\$218	3	\$672	\$642	5	
Earned premiums	217	205	6	646	604	7	
Current accident year before catastrophe losses	47.7 %	47.0 %		45.2 %	47.5 %		
Current accident year catastrophe losses	11.5	5.2		27.5	13.8		
Prior accident years before catastrophe losses	(2.7)	(0.2)		(3.3)	(1.4)		
Prior accident years catastrophe losses	1.6	0.3		(0.5)	(1.1)		
Total loss and loss expenses ratio	58.1 %	52.3 %		68.9 %	58.8 %		
Commercial auto:							
Written premiums	\$151	\$137	10	\$465	\$435	7	
Earned premiums	151	141	7	442	416	6	
Current accident year before catastrophe losses	76.9 %	71.4 %		76.9 %	73.1 %		
Current accident year catastrophe losses	0.8			1.2	0.5		
Prior accident years before catastrophe losses	2.8	3.2		5.9	6.6		
Prior accident years catastrophe losses	_	(0.1)		(0.1)	(0.1)		
Total loss and loss expenses ratio	80.5 %	74.5 %		83.9 %	80.1 %		
Workers' compensation:							
Written premiums	\$83	\$83	0	\$274	\$276	(1)	
Earned premiums	90	93	(3)	268	276	(3)	
Current accident year before catastrophe losses	72.5 %	71.1 %		72.2 %	73.4 %		
Current accident year catastrophe losses	_	_		_	_		
Prior accident years before catastrophe losses	(18.1)	(26.4)		(19.4)	(29.0)		
Prior accident years catastrophe losses	_	_		_	_		
Total loss and loss expenses ratio	54.4 %	44.7 %		52.8 %	44.4 %		
Other commercial lines:							
Written premiums	\$60	\$60	0	\$168	\$173	(3)	
Earned premiums	56	61	(8)	169	186	(9)	
Current accident year before catastrophe losses		45.9 %			47.7 %		
Current accident year catastrophe losses	1.6	1.2		2.0	4.9		
Prior accident years before catastrophe losses	(19.1)	(9.8)		(23.4)	(7.7)		
Prior accident years catastrophe losses	0.2	(2.1)		0.5	(1.2)		

Total loss and loss expenses ratio

24.2 % 35.2 %

21.0 % 43.7 %

As discussed above, the loss and loss expenses ratio component of the combined ratio is an important measure of underwriting profit and performance. Catastrophe losses are volatile and can distort short-term profitability trends, particularly for certain lines of business. Development of loss and loss expense reserves on prior accident years can also distort trends in measures of profitability for recently written business. To illustrate these effects,

we separate their impact on the ratios shown in the table above. For the nine months ended September 30, 2016, the commercial line of business with the most significant profitability challenge was commercial auto. However, during that time our commercial auto policies experienced average renewal price percentage increases in the mid-single-digit range, which we believe will help improve profitability in future quarters. We further discuss current initiatives for commercial auto in the Highlights of Our Strategy and Supporting Initiatives section of this quarterly report and in our 2015 Annual Report on Form 10-K, Item 7, Commercial Lines of Business Analysis, Page 67.

DEDCOMAI	I INIEC INICIID	ANCE RESULTS
PERMINAL		AIN E. KENULIN

(Dollars in millions)	September 30,			Nine months ended September 30,		
	2016	2015	% Change	2016	2015	% Change
Earned premiums	\$293	\$277	6	\$864	\$817	6
Fee revenues	1	1	0	3	2	50
Total revenues	294	278	6	867	819	6
Loss and loss expenses from:						
Current accident year before catastrophe losses	186	180	3	546	538	1
Current accident year catastrophe losses	27	16	69	72	66	9
Prior accident years before catastrophe losses	6	3	100	(1)	4	nm
Prior accident years catastrophe losses	(2)	(1)	(100)	(3)	(3)	0
Loss and loss expenses	217	198	10	614	605	1
Underwriting expenses	85	82	4	253	244	4
Underwriting loss	\$(8)	\$(2)	300	\$ —	\$(30)	nm
Ratios as a percent of earned premiums:			Pt.			Pt.
Ratios as a percent of carned premiums.			Change			Change
Current accident year before catastrophe losses	63.7 %	64.9 %	(1.2)	63.2 %	65.8 %	(2.6)
Current accident year catastrophe losses	8.9	5.7	3.2	8.3	8.0	0.3
Prior accident years before catastrophe losses	2.1	1.0	1.1	(0.1)	0.5	(0.6)
Prior accident years catastrophe losses	(0.5)	(0.1)	(0.4)	(0.3)	(0.3)	0.0
Loss and loss expenses	74.2	71.5	2.7	71.1	74.0	(2.9)
Underwriting expenses	29.2	29.4	(0.2)	29.3	29.8	(0.5)
Combined ratio	103.4 %	100.9 %	2.5	100.4 %	103.8 %	(3.4)
Combined ratio	103.4 %	100.9 %	2.5	100.4 %	103.8 %	(3.4)
Contribution from catastrophe losses and prior years reserve development	10.5	6.6	3.9	7.9	8.2	(0.3)
Combined ratio before catastrophe losses and prior years reserve development	92.9 %	94.3 %	(1.4)	92.5 %	95.6 %	(3.1)

Overview

Performance highlights for the personal lines segment include:

Premiums – Personal lines earned premiums and net written premiums for the third quarter and first nine months of 2016 continued to grow, primarily due to an increase in renewal written premiums. Price increases and a high level of policy retention were the main drivers of renewal premium growth. Rising new business written premiums from agencies that represent us also contributed to overall premium growth. The table below analyzes the primary components of premiums.

Agency renewal written premiums increased 5 percent and 6 percent for the third quarter and first nine months of 2016, largely reflecting rate increases. We estimate that premium rates for our personal auto line of business increased at average percentages near the high end of the mid-single-digit range during the third quarter and first nine months of 2016. For our homeowner line of business, we estimate that premium rates for the first nine months of 2016 increased at average percentages in the mid-single-digit range. For both our personal auto and homeowner lines of business, some individual policies experienced lower or higher rate changes based on each risk's specific characteristics and enhanced pricing precision enabled by predictive models.

Personal lines new business written premiums grew 7 percent and 8 percent during the third quarter and first nine months of 2016, compared with the same periods of 2015. Essentially all of that growth came from high

net worth clients of our agencies. Personal lines new business written premiums from our high net worth policies totaled approximately \$21 million during the first nine months of 2016.

Other written premiums include premiums ceded to reinsurers as part of our reinsurance ceded program. An increase in ceded premiums of less than \$1 million slightly reduced growth of third-quarter 2016 net written premiums, compared with the same period of 2015, while nine-month 2016 ceded premiums decreased by less than \$1 million, compared with the 2015 period.

We continue to implement strategies discussed in our 2015 Annual Report on Form 10-K, Item 1, Strategic Initiatives, Page 12, to enhance our responsiveness to marketplace changes and to help achieve our long-term objectives for personal lines growth and profitability. These strategies include initiatives to more profitably underwrite personal auto policies.

Personal Lines Insurance Premiums

(Dollars in millions)	Three n	nonths	ended	Nine months ended			
(Donars in initions)	September 30,		September 30,				
	2016	2015	% Change	2016	2015	% Change	
Agency renewal written premiums	\$303	\$288	5	\$841	\$796	6	
Agency new business written premiums	32	30	7	91	84	8	
Other written premiums	(6) ((6)	0	(17)	(18)	6	
Net written premiums	329	312	5	915	862	6	
Unearned premium change	(36) ((35)	(3)	(51)	(45)	(13)	
Earned premiums	\$293	\$277	6	\$864	\$817	6	

Combined ratio – Our personal lines combined ratio increased by 2.5 percentage points for the third quarter of 2016, compared with the third quarter a year ago, driven by a 2.8 percentage-point increase in the ratio for weather-related natural catastrophe losses and loss expenses. For the nine months ended September 30, 2016, compared with the same period of 2015, our personal lines combined ratio decreased by 3.4 percentage points, reflecting an improved ratio for current accident year losses and loss expenses before catastrophe losses that offset higher losses from weather-related natural catastrophes.

In addition to the average rate increases discussed above, we continue to refine our pricing to better match premiums to the risk of loss on individual policies. Improved pricing precision and broad-based rate increases are expected to help position the combined ratio at a profitable level over the long term. In addition, greater geographic diversification is expected to reduce the volatility of homeowner loss ratios attributable to weather-related catastrophe losses over time.

Catastrophe losses and loss expenses accounted for 8.4 and 8.0 percentage points of the combined ratio for the three and nine months ended September 30, 2016, compared with 5.6 and 7.7 percentage points for the same periods of 2015. The 10-year annual average catastrophe loss ratio through 2015 for the personal lines segment was 10.9 percentage points, and the five-year annual average was 11.4 percentage points.

Personal lines net reserve development on prior accident years netted to an unfavorable \$4 million for the third quarter but a favorable \$4 million for the first nine months of 2016. In the first nine months of 2016, our homeowner and other personal lines of business developed favorably, largely for accident year 2015, while reserves for several prior accident years developed unfavorably for our personal auto line of business. The nine-month personal lines total reserve development was \$5 million more favorable than the same period of 2015 and included a first-quarter 2016 refinement to reserves for loss expenses. The refinement transferred approximately \$10 million of reserves for loss expenses, primarily for our personal auto line of business, to various lines of business in our commercial lines segment. For losses only, our nine-month 2016 personal auto prior accident year net reserve development was unfavorable by \$22 million. Reserve estimates are inherently uncertain as described in our 2015 Annual Report on Form 10-K, Item 7, Critical Accounting Estimates, Property Casualty Insurance Loss and Loss Expense Reserves,

Page 46.

The underwriting expense ratio decreased 0.2 percentage points for the third quarter and 0.5 percentage points for first nine months of 2016, compared with the same periods of 2015. The three-month decrease was driven by a lower ratio for profit-sharing commissions to agencies while the nine-month decrease reflected an unusually high 2015 ratio from changes in estimates related to allocations of deferred acquisition costs by segment. Those ratio-decrease effects also offset the ratio-increase effect of strategic investments that include enhancement of underwriting expertise, such as staff additions to support high net worth market expansion.

Personal Lines Insurance Losses Incurred by Size						
(Dollars in millions, net of reinsurance)	Three months ended Nine mo September 30, Septemb			onths ended ber 30,		
	2016	2015	% Change	2016	2015	% Change
Current accident year losses greater than \$5,000,000	\$—	\$—	nm	\$ —	\$—	nm
Current accident year losses \$1,000,000- \$5,000,000	10	15	(33)	16	37	(57)
Large loss prior accident year reserve development	(3)	_	nm	(4)	_	nm
Total large losses incurred	7	15	(53)	12	37	(68)
Losses incurred but not reported	(9)	(12)	25	25	9	178
Other losses excluding catastrophe losses	168	155	8	442	425	4
Catastrophe losses	25	15	67	68	62	10
Total losses incurred	\$191	\$173	10	\$547	\$533	3
Ratios as a percent of earned premiums:			Pt. Change			Pt. Change
Current accident year losses greater than \$5,000,000	_ %	%	0.0	%	%	0.0
Current accident year losses \$1,000,000- \$5,000,000	3.5	5.2	(1.7)	1.8	4.5	(2.7)
Large loss prior accident year reserve development	(1.1)	(0.2)	(0.9)	(0.4)	_	(0.4)
Total large loss ratio	2.4	5.0	(2.6)	1.4	4.5	(3.1)
Losses incurred but not reported	(3.2)	(4.2)	1.0	2.9	1.1	1.8
Other losses excluding catastrophe losses	57.7	56.3	1.4	51.2	52.0	(0.8)
Catastrophe losses	8.2	5.4	2.8	7.8	7.6	0.2
Total loss ratio	65.1 %	62.5 %	2.6	63.3 %	65.2 %	(1.9)

We continue to monitor new losses and case reserve increases greater than \$1 million for trends in factors such as initial reserve levels, loss cost inflation and claim settlement expenses. Our analysis continues to indicate no unexpected concentration of these large losses and case reserve increases by risk category, geographic region, policy inception, agency or field marketing territory. In the third quarter of 2016, the personal lines total large loss ratio, net of reinsurance, was 2.6 percentage points lower than last year's third quarter. The third-quarter 2016 amount of total large losses incurred helped contribute to the decrease in the nine-month 2016 total large loss ratio, compared with 2015, in addition to a first-half 2016 ratio that was 3.2 points lower than the first half of 2015. We believe results for the three- and nine-month periods largely reflected normal fluctuations in loss patterns and normal variability in large case reserves for claims above \$1 million.

Personal Lines of Business Analysis

We prefer to write personal lines coverages on an account basis, including auto and homeowner coverages as well as coverages from the other personal business line. As a result, we believe that our personal lines business is best measured and evaluated on a segment basis. However, we provide line of business data to summarize premium and loss trends separately for each line. The ratios shown in the table below are components of loss and loss expenses as a percentage of earned premiums.

(Dollars in millions)	Three m	onths end per 30,	led	Nine mo Septemb	onths endo per 30,	ed
	2016	2015	% Change	2016	2015	% Change
Personal auto:						
Written premiums	\$154	\$144	7	\$431	\$400	8
Earned premiums	137	128	7	403	376	7
Current accident year before catastrophe losses	79.6 %	74.5 %		79.4 %	78.6 %	
Current accident year catastrophe losses	1.1	0.6		1.3	1.0	
Prior accident years before catastrophe losses	6.8	1.2		3.8	3.3	
Prior accident years catastrophe losses	(0.2)	(0.1)		(0.2)	(0.2)	
Total loss and loss expenses ratio	87.3 %	76.2 %		84.3 %	82.7 %	
Homeowner:						
Written premiums	\$138	\$132	5	\$381	\$362	5
Earned premiums	122	117	4	362	345	5
Current accident year before catastrophe losses	46.8 %	52.8 %		49.1 %	53.7 %	
Current accident year catastrophe losses	19.5	12.6		17.1	16.8	
Prior accident years before catastrophe losses	0.5	(1.0)		(1.8)	(2.8)	
Prior accident years catastrophe losses	(0.9)	(0.1)		(0.5)	(0.5)	
Total loss and loss expenses ratio	65.9 %	64.3 %		63.9 %	67.2 %	
Other personal:						
Written premiums	\$37	\$36	3	\$103	\$100	3
Earned premiums	34	32	6	99	96	3
Current accident year before catastrophe losses	60.2 %	70.1 %		48.9 %	59.4 %	
Current accident year catastrophe losses	2.6	1.2		4.4	4.1	
Prior accident years before catastrophe losses	(11.5)	7.6		(9.9)	1.3	
Prior accident years catastrophe losses	(0.4)	(0.1)		(0.1)	(0.3)	
Total loss and loss expenses ratio	50.9 %	78.8 %		43.3 %	64.5 %	

As discussed above, the loss and loss expenses ratio component of the combined ratio is an important measure of underwriting profit and performance. Catastrophe losses are volatile and can distort short-term profitability trends, particularly for certain lines of business. Development of loss and loss expense reserves on prior accident years can also distort trends in measures of profitability for recently written business. To illustrate these effects, we separate their impact on the ratios shown in the table above. For the nine months ended September 30, 2016, the line of business in our personal lines insurance segment with the most significant profitability challenge was personal auto. During the first nine months of 2016, premium rate increases that allow for more pricing precision on our personal auto policies continued to be implemented at average percentages near the high end of the mid-single-digit range. We continue to work toward greater pricing precision in addition to broad-based rate increases to help improve profitability over the long term.

EXCESS AND SURPLUS LINES INSURANCE RESULTS

(Dollars in millions)		nonths enber 30,		Nine mo	onths ende per 30,		
	2016	2015	% Change	2016	2015	% Change	e
Earned premiums	\$48	\$42	14	\$136	\$124	10	
Fee revenues	1	_	nm	1	1	0	
Total revenues	49	42	17	137	125	10	
Loss and loss expenses from:							
Current accident year before catastrophe losses	27	24	13	80	82	(2)
Current accident year catastrophe losses		_	nm	2	1	100	
Prior accident years before catastrophe losses	(12)	(7)	(71)	(27)	(21)	(29)
Prior accident years catastrophe losses		_	nm		_	nm	
Loss and loss expenses	15	17	(12)	55	62	(11)
Underwriting expenses	14	11	27	40	34	18	
Underwriting profit	\$20	\$14	43	\$42	\$29	45	
Paties as a percent of earned premiums:			Pt.			Pt.	
Ratios as a percent of earned premiums:			Pt. Change			Pt. Change	e
Ratios as a percent of earned premiums: Current accident year before catastrophe losses	57.2 %	56.9 %	Change	58.9 %	65.9 %	Change	
	57.2 % 0.2	56.9 % 0.3	Change 0.3	58.9 % 1.3	65.9 % 0.7	Change	
Current accident year before catastrophe losses			Change 0.3 (0.1)			Change (7.0 0.6	
Current accident year before catastrophe losses Current accident year catastrophe losses	0.2	0.3	Change 0.3 (0.1)	1.3 (19.6)	0.7	Change (7.0 0.6)
Current accident year before catastrophe losses Current accident year catastrophe losses Prior accident years before catastrophe losses	0.2 (25. 5	0.3 (15. 4	Change 0.3 (0.1) (10.1)	1.3 (19.6) (0.1)	0.7 (16.4)	Change (7.0 0.6 (3.2 0.0)
Current accident year before catastrophe losses Current accident year catastrophe losses Prior accident years before catastrophe losses Prior accident years catastrophe losses	0.2 (25. 5 0.0	0.3 (15.4) 0.1	Change 0.3 (0.1) (10.1) (0.1)	1.3 (19.6) (0.1)	0.7 (16.4) (0.1)	Change (7.0 0.6 (3.2 0.0)
Current accident year before catastrophe losses Current accident year catastrophe losses Prior accident years before catastrophe losses Prior accident years catastrophe losses Loss and loss expenses	0.2 (25.5 0.0 31.9 29.4	0.3 (15.4 0.1 41.9	Change 0.3 (0.1) (10.1) (0.1) (10.0) 1.4	1.3 (19.6) (0.1) 40.5 29.4	0.7 (16.4) (0.1) 50.1 27.8	Change (7.0 0.6 (3.2 0.0 (9.6 1.6)
Current accident year before catastrophe losses Current accident year catastrophe losses Prior accident years before catastrophe losses Prior accident years catastrophe losses Loss and loss expenses Underwriting expenses	0.2 (25.5 0.0 31.9 29.4	0.3 (15.4 0.1 41.9 28.0	Change 0.3 (0.1) (10.1) (0.1) (10.0) 1.4	1.3 (19.6) (0.1) 40.5 29.4	0.7 (16.4) (0.1) 50.1 27.8	Change (7.0 0.6 (3.2 0.0 (9.6 1.6)
Current accident year before catastrophe losses Current accident year catastrophe losses Prior accident years before catastrophe losses Prior accident years catastrophe losses Loss and loss expenses Underwriting expenses Combined ratio Combined ratio	0.2 (25.5) 0.0 31.9 29.4 61.3 %	0.3 (15.4 0.1 41.9 28.0	Change 0.3 (0.1) (10.1) (0.1) (10.0) 1.4 (8.6)	1.3 (19.6) (0.1) 40.5 29.4	0.7 (16.4) (0.1) 50.1 27.8 77.9 %	Change (7.0 0.6 (3.2 0.0 (9.6 1.6 (8.0)
Current accident year before catastrophe losses Current accident year catastrophe losses Prior accident years before catastrophe losses Prior accident years catastrophe losses Loss and loss expenses Underwriting expenses Combined ratio	0.2 (25.5) 0.0 31.9 29.4 61.3 %	0.3 (15.4) 0.1 41.9 28.0 69.9 %	Change 0.3 (0.1) (10.1) (0.1) (10.0) 1.4 (8.6)	1.3 (19.6) (0.1) 40.5 29.4 69.9 %	0.7 (16.4) (0.1) 50.1 27.8 77.9 %	Change (7.0 0.6 (3.2 0.0 (9.6 1.6 (8.0)))))

Overview

Performance highlights for the excess and surplus lines segment include:

Premiums – Excess and surplus lines net written premiums continued to grow during the third quarter and first nine months of 2016. Growth in both renewal and new business written premiums drove the increase.

Renewal written premiums rose 6 percent and 9 percent for the three and nine months ended September 30, 2016, compared with the same periods of 2015, reflecting the opportunity to renew many accounts for the first time, as well as higher renewal pricing. For the third quarter and the first nine months of 2016, excess and surplus lines policy renewals experienced estimated average percentage price increases near the high end of the low-single-digit range. We measure average changes in excess and surplus lines renewal pricing as the percentage rate of change in renewal premium for the new policy period compared with the premium for the expiring policy period, assuming no change in the level of insured exposures or policy coverage between those periods for respective policies.

New business written premiums produced by agencies increased 33 percent and 13 percent during the third quarter and first nine months of 2016, compared with the same periods of 2015, reflecting an increase in our marketing efforts as we continued to carefully underwrite each policy in a highly competitive market. Some of what we report as new business came from accounts that were not new to our agents. We believe our agents' seasoned accounts tend to be

priced more accurately than business that may be less familiar to them.

Excess and Surplus Lines Insurance Premiums

(Dollars in millions)	Three months ended	Nine months ended			
(Donars in inimons)	September 30,	September 30,			
	2016 2015 % Change	2016 2015 % Change			
Agency renewal written premiums	\$35 \$33 6	\$106 \$97 9			
Agency new business written premiums	16 12 33	45 40 13			
Other written premiums	(3)(2)(50)	(7) (6) (17)			
Net written premiums	48 43 12	144 131 10			
Unearned premium change	— (1) 100	(8) (7) (14)			
Earned premiums	\$48 \$42 14	\$136 \$124 10			

Combined ratio – The excess and surplus lines combined ratio improved 8.6 percentage points for the third quarter of 2016, compared with the same period of 2015, primarily due to more favorable reserve development

• on prior accident years before catastrophe losses. For the first nine months of 2016, the combined ratio improved by 8.0 percentage points, compared with the first nine months of 2015, largely due to a lower ratio for current accident year losses and loss expenses before catastrophe losses.

Excess and surplus lines net favorable reserve development on prior accident years as a ratio to earned premiums was 25.5 percent and 19.7 percent for the third quarter and first nine months of 2016, compared with 15.3 percent and 16.5 percent for the same periods of 2015. Nearly half of the net favorable reserve development recognized during the first nine months of 2016 was attributable to accident year 2015, while most of the remainder was distributed almost evenly between accident years 2014 and 2013. That favorable reserve development was due primarily to lower-than-anticipated loss emergence on known claims. Reserve estimates are inherently uncertain as described in our 2015 Annual Report on Form 10-K, Item 7, Critical Accounting Estimates, Property Casualty Insurance Loss and Loss Expense Reserves, Page 46.

The underwriting expense ratio for the third quarter and first nine months of 2016 increased, compared with the same periods of 2015. Strategic investments that include enhancement of underwriting expertise, such as upgrades to systems used in underwriting excess and surplus lines insurance policies, and higher profit-sharing commissions to agencies drove the increases. Those ratio-increase effects offset the favorable ratio-decrease effects of higher earned premiums and ongoing expense management efforts.

Excess and Surplus Lines Insurance Losses Incurred by Size								
(Dollars in millions, net of reinsurance)				Nine m Septem				
	2016	2015	% Change	e	2016	2015	% Chang	ge
Current accident year losses greater than \$5,000,000	\$—	\$—	nm		\$—	\$—	nm	
Current accident year losses \$1,000,000- \$5,000,000	2	2	0		3	3	0	
Large loss prior accident year reserve development	(1)	2	nm			2	nm	
Total large losses incurred	1	4	(75)	3	5	(40)
Losses incurred but not reported	(2)	(2)	0		5	10	(50)
Other losses excluding catastrophe losses	11	9	22		25	28	(11)
Catastrophe losses	_	_	nm		2	1	100	
Total losses incurred	\$10	\$11	(9)	\$35	\$44	(20)
Ratios as a percent of earned premiums:			Pt. Change	e			Pt. Chang	ge
Current accident year losses greater than \$5,000,000	_ %	_ %	0.0		_ %	_ %	0.0	
Current accident year losses \$1,000,000- \$5,000,000	4.4	4.8	(0.4)	2.3	2.5	(0.2)
Large loss prior accident year reserve development	(2.0)	5.0	(7.0)	(0.3)	1.7	(2.0)
Total large loss ratio	2.4	9.8	(7.4)	2.0	4.2	(2.2))
Losses incurred but not reported	(2.9)	(4.4)	1.5		4.1	8.4	(4.3)
Other losses excluding catastrophe losses	21.8	21.2	0.6		18.4	22.7	(4.3)
Catastrophe losses	0.1	0.3	(0.2)	1.1	0.5	0.6	
Total loss ratio	21.4 %	26.9 %	(5.5)	25.6 %	35.8%	(10.2)

We continue to monitor new losses and case reserve increases greater than \$1 million for trends in factors such as initial reserve levels, loss cost inflation and claim settlement expenses. Our analysis continues to indicate no unexpected concentration of these large losses and case reserve increases by risk category, geographic region, policy inception, agency or field marketing territory. In the third quarter of 2016, the excess and surplus lines total ratio for large losses, net of reinsurance, was 7.4 percentage points lower compared with last year's third quarter. The third-quarter 2016 amount of total large losses incurred helped contribute to the decrease in the nine-month 2016 total large loss ratio, compared with 2015, offsetting a first-half 2016 ratio that was 0.6 points higher than the first-half 2015 ratio. We believe results for the three- and nine-month periods largely reflected normal fluctuations in loss patterns and normal variability in large case reserves for claims above \$1 million.

LIFE INSURANCE RESULTS

(Dollars in millions)		Three months ended Nine months ended					
(Donars in minions)	September 30,		September 30,				
	2016	2015	% Change	2016	2015	% Change	e
Earned premiums	\$58	\$51	14	\$175	\$156	12	
Fee revenues	2	2	0	4	4	0	
Total revenues	60	53	13	179	160	12	
Contract holders' benefits incurred	63	57	11	188	175	7	
Investment interest credited to contract holders'	(23)	(21)	(10)	(67)	(64)	(5)
Underwriting expenses incurred	24	16	50	62	50	24	
Total benefits and expenses	64	52	23	183	161	14	
Life insurance segment (loss) profit	\$(4)	\$1	nm	\$(4)	\$(1)	(300)

Overview

Performance highlights for the life insurance segment include:

Revenues – Revenues increased for the nine months ended September 30, 2016, primarily due to higher earned premiums from term insurance products.

Net in-force life insurance policy face amounts increased to \$55.792 billion at September 30, 2016, from \$52.735 billion at year-end 2015.

Fixed annuity deposits received for the three and nine months ended September 30, 2016, were \$10 million and \$36 million compared with \$9 million and \$26 million for same periods of 2015. Fixed annuity deposits have a minimal impact to earned premiums because deposits received are initially recorded as liabilities. Profit is earned over time by way of interest-rate spreads. We do not write variable or equity-indexed annuities.

Life Insurance Premiums

	Three months	Nine months
(Dollars in millions)	ended September	ended September
	30,	30,
	220165 % Change	220165 % Change