

INFINITY PROPERTY & CASUALTY CORP

Form 10-K

February 15, 2018

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UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

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FORM 10-K

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(Mark One)

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

For the fiscal year ended December 31, 2017

OR

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

For the transition period from \_\_\_\_\_ to \_\_\_\_\_  
Commission file number 0-50167

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INFINITY PROPERTY AND CASUALTY CORPORATION  
(Exact name of registrant as specified in its charter)

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OHIO	03-0483872
(State or other jurisdiction of incorporation or organization)	(I.R.S. Employer Identification No.)

2201 4TH AVENUE NORTH BIRMINGHAM, ALABAMA	35203
(Address of principal executive offices)	(Zip Code)
(205) 870-4000	
(Registrant's telephone number, including area code)	

Securities registered pursuant to Section 12(b) of the Act: Name of each exchange on which registered:  
Common Stock, no par value NASDAQ Global Select Market

Securities registered pursuant to Section 12(g) of the Act: None  
(Title of class)

Indicate by check mark if the registrant is a well-known seasoned issuer, as defined in Rule 405 of the Securities Act.  Yes  No

Indicate by check mark if the registrant is not required to file reports pursuant to Section 13 or Section 15(d) of the Act.  Yes  No

Note – Checking the box above will not relieve any registrant required to file reports pursuant to Section 13 or 15(d) of the Exchange Act from their obligations under those Sections.

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.  Yes  No

Indicate by check mark whether the registrant has submitted electronically and posted on its corporate Web site, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T (§232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit and post such files).  Yes  No

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Indicate by check mark if disclosure of delinquent filers pursuant to Item 405 of Regulation S-K (§229.405 of this chapter) is not contained herein, and will not be contained, to the best of registrant's knowledge, in definitive proxy or information statements incorporated by reference in Part III of this Form 10-K or any amendment to this Form 10-K.

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

Large accelerated filer  Accelerated filer

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

Emerging growth company

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Act).  Yes  No

As of June 30, 2017, the aggregate market value of the voting Common Stock held by non-affiliates of the registrant was \$1,007,156,859 based on the last sale price of Common Stock on that date as reported by The NASDAQ Global Select Market.

As of February 9, 2018, there were 10,935,412 shares of the registrant's Common Stock outstanding.

**DOCUMENTS INCORPORATED BY REFERENCE**

Portions of the registrant's proxy statement for the annual meeting of shareholders to be held on May 22, 2018, are incorporated by reference in Part III hereof.

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CAUTIONARY STATEMENT REGARDING FORWARD-LOOKING STATEMENTS

This Annual Report on Form 10-K contains certain “forward-looking statements” which anticipate results based on our estimates, assumptions and plans that are subject to uncertainty. These statements are made subject to the safe-harbor provisions of the Private Securities Litigation Reform Act of 1995. All statements in this report not dealing with historical results or current facts are forward-looking and are based on estimates, assumptions and projections. Statements which include the words “assumes,” “believes,” “seeks,” “expects,” “may,” “should,” “intends,” “likely,” “targets,” “anticipates,” “estimates” or the negative version of those words and similar statements of a future or forward-looking nature identify forward-looking statements. Examples of such forward-looking statements include statements relating to expectations concerning market conditions, premium growth, earnings, investment performance, expected losses, rate changes and loss experience.

The primary events or circumstances that could cause actual results to differ materially from what we expect include determinations with respect to reserve adequacy, realized gains or losses on the investment portfolio (including other-than-temporary impairments for credit losses), loss cost trends and competitive conditions in our key focus states (defined in Item 1 - Business). We undertake no obligation to publicly update or revise any of the forward-looking statements. For a more detailed discussion of some of the foregoing risks and uncertainties that could cause actual results to differ from those contained in the forward-looking statements, refer to Item 1A - Risk Factors.

PART I

ITEM 1

Business

Introduction

Infinity Property and Casualty Corporation was incorporated under the laws of the State of Ohio on September 16, 2002. We are a holding company that provides insurance, through our subsidiaries, for personal auto with a concentration on nonstandard risks, commercial auto and classic collectors. Our headquarters is located in Birmingham, Alabama. We employed approximately 2,300 people at December 31, 2017.

Refer to Note 1 - Significant Reporting and Accounting Policies to the Consolidated Financial Statements for additional information regarding our history and organization. References to “we” or “us”, unless the context requires otherwise, include the combined operations of our subsidiaries. Unless indicated otherwise, the financial information we present in this report is on a Generally Accepted Accounting Principles (GAAP) basis. Schedules may not foot due to rounding.

On February 13, 2018, the Company entered into a definitive agreement and plan of merger (the “Merger Agreement”) with Kemper Corporation, a Delaware corporation (“Parent”) and Vulcan Sub, Inc., an Ohio corporation and a wholly owned subsidiary of Parent (“Merger Sub”). The Merger Agreement provides that, subject to the satisfaction or waiver of certain conditions set forth therein, Merger Sub will merge with and into the Company in accordance with the Ohio General Corporation Law (the “Merger”), with the Company surviving such Merger as a wholly owned subsidiary of Parent (such entity, the “Surviving Company”). The Company expects the closing of the Merger to occur in the third quarter of 2018.

We file our Annual Reports on Form 10-K, Quarterly Reports on Form 10-Q, Current Reports on Form 8-K and other reports as required with the United States Securities and Exchange Commission (SEC). Any of these documents may be read and copied at the SEC’s Public Reference Room at 100 F Street N.E., Washington, DC 20549. Information regarding the operation of the SEC Public Reference Room may be obtained by calling 1-800-SEC-0330. Our filed documents may also be accessed via the SEC Internet site at <http://www.sec.gov>. All of our SEC filings, news releases and other information may also be accessed free of charge on our website at <http://www.infinityauto.com>. Information on our website is not part of this Form 10-K.

Our Strategy

We offer personal and commercial auto insurance primarily in four key states: Arizona, California, Florida and Texas. Our target customers are urban and Hispanic drivers. This narrow geographic and demographic focus allows us to concentrate our efforts and resources on providing competitively priced products to underserved segments while

generating adequate returns for our shareholders.

Segments

Personal Automobile is our primary insurance product. It provides coverage to individuals for liability to others for bodily injury and property damage and for physical damage to an insured's own vehicle from collision and various other perils. In addition, some states require policies to provide for first party personal injury protection, frequently referred to as no-fault coverage.

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Personal auto insurance is the largest line of property and casualty insurance, accounting for approximately 39%, or \$207 billion, of the estimated \$535 billion of annual industry premium. Personal auto insurance comprises preferred, standard and nonstandard risks. Nonstandard risks are associated with drivers who, due to factors such as their driving record, driving experience, lapse in, (or the absence of) prior insurance, or credit history, represent a higher than normal risk. Customers in the market for nonstandard auto insurance generally seek minimum required liability limits and are willing to accept restrictive coverages in exchange for more affordable insurance, given their risk profile. There is no established industry-recognized distinction between nonstandard risks and all other personal auto risks. Independent agents sell approximately 27% of all personal automobile insurance. The remainder is sold by captive agents or directly by insurance companies to their customers. We believe that, relative to the standard and preferred auto insurance market, independent agents sell a disproportionately larger portion of nonstandard auto insurance. The personal auto insurance industry is cyclical, characterized by periods of price competition and excess capacity followed by periods of higher premium rates and shortages of underwriting capacity. These cycles may vary by geographic market.

Industrywide, rates increased 7.9%, 7.0% and 5.7% in 2017, 2016 and 2015, respectively. Our filed average rate adjustments on our personal auto business were 8.9%, 8.1% and 5.1% 2017, 2016 and 2015, respectively.

The personal auto insurance industry is highly competitive and, except for regulatory considerations, there are relatively few barriers to entry. We generally compete with other insurers based on price, coverage offered, claims handling, customer service, agent commission, geographic coverage and financial strength ratings. We compete with both large national writers and small regional companies. In 2016, the five largest automobile insurance companies accounted for approximately 56% of the industry's net written premium and the largest ten accounted for approximately 72% (2017 industry data is not yet available). Approximately 299 insurance groups and unaffiliated insurance companies compete in the personal auto insurance industry. Some of these groups specialize in nonstandard auto insurance while others insure a broad spectrum of personal auto insurance risks.

Based on data published by A.M. Best, we believe that we are the second largest provider of nonstandard personal auto coverage through independent agents in the United States. We also write standard and preferred personal auto insurance.

We have a history of underwriting results that outperform the personal auto industry. The following table compares our statutory combined ratio, net of fees, in past years with those of the private passenger auto industry. The statutory combined ratio is the sum of the loss ratio (the ratio of losses and loss adjustment expenses (LAE) to net earned premium) and the expense ratio (when calculated on a statutory accounting basis, the ratio of underwriting expenses, net of fees, to net written premium). Underwriting results are generally considered profitable when the combined ratio is under 100%; when the ratio is over 100%, underwriting results are generally considered unprofitable.

	2017	2016	2015	2014	2013	2013-2017	2008-2017
Personal Auto Segment	93.0 %	94.9 %	93.6 %	94.5 %	96.2 %	94.4 %	94.0 %
Industry <sup>(a)</sup>	106.1 %	106.3 %	104.6 %	102.3 %	101.6 %	104.3 %	102.9 %
Percentage point difference from industry	13.1 %	11.4 %	11.0 %	7.8 %	5.4 %	9.8 %	8.9 %

We obtained the private passenger auto industry combined ratios for 2008 through 2016 from A.M. Best. A.M. (a) Best data is not available for 2017. The industry combined ratio for 2017 is an estimate based on data obtained from Conning Research and Consulting.

Commercial Auto provides coverage to businesses for liability to others for bodily injury and property damage and for physical damage to vehicles from collision and various other perils.

Approximately 339 insurance groups and unaffiliated insurance companies compete in the commercial auto insurance industry. Writers of commercial auto insurance typically focus on one or more of the various segments of commercial auto. We avoid the segments that are involved in what we consider to be hazardous operations or interstate commerce. The primary segment of the market on which we focus is artisan contractors, which makes up approximately 19% of the industry's commercial auto premium. We primarily target businesses with fleets of 10 or fewer vehicles, averaging

1.9 vehicles per policy.

Classic Collector provides coverage to individuals with classic or antique automobiles for liability to others for bodily injury and property damage and for physical damage to an insured's own vehicle from collision and various other perils.

Refer to Note 17 – Segment Information to the Consolidated Financial Statements for information on our revenues and underwriting income by segment.

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## Distribution and Marketing

We distribute our products primarily through a network of approximately 10,600 independent agencies and brokers in 15,600 locations. In 2017, 16% of our agency force produced 80% of our gross written premium, our top 10 independent agents and brokers produced 22%, eight independent agencies accounted for more than 1% each, and our top agent produced 7%. In California, Infinity's largest state by premium volume, 54 independent agents and brokers produced 50% of gross written premium in the state (which represents 24% countrywide), and our largest broker in the state produced 15% of that premium. In Florida, Infinity's second largest state by premium volume, 32 independent agents and brokers produced 50% of gross written premium in the state (which represents 13% countrywide), and our largest agent in the state produced 19% of that premium.

We foster agent relationships by providing them with access to our Internet-based software applications along with programs and services designed to strengthen and expand their marketing, sales and service capabilities. Our Internet-based software applications provide many of our agents with e-signature capabilities and real-time underwriting, claims and policy information. We believe the array of services offered to our agents adds significant value to the agents' businesses. For example, "Easy Street" is our incentive-based program through which agents receive assistance in critical areas such as training, advertising and promotion. In 2017 we spent \$12.5 million on co-op advertising and promotions.

In 2017 we also wrote \$94.0 million of business sold directly to the consumer either through company-owned sales centers or via the Internet.

We are licensed to write insurance in all 50 states and the District of Columbia, but we focus our operations in targeted urban areas identified in selected states that we believe offer the greatest opportunity for premium growth and profitability.

Total gross written premium mix was as follows (\$ in thousands):

	Twelve months ended December 31,			
	2017	2016	2015	
Personal Auto:				
California	46.1	% 49.0	% 49.2	%
Florida	25.4	% 29.4	% 31.9	%
Texas	11.8	% 6.3	% 3.9	%
Arizona	2.3	% 1.3	% 1.2	%
Other States	1.6	% 2.4	% 3.6	%
Total Personal Auto	87.1	% 88.5	% 89.8	%
Commercial Auto	11.7	% 10.4	% 9.1	%
Classic Collector	1.2	% 1.1	% 1.1	%
Total all states and all lines	100.0	% 100.0	% 100.0	%
Total all states and all lines	\$1,397,294	\$1,401,414	\$1,387,866	

We implement our distribution and marketing efforts with a focus on maintaining a low cost structure. Controlling expenses allows us to price competitively and achieve better underwriting returns. Over the five years ended 2016, years for which industry data is available from A.M. Best, our statutory ratio of underwriting expenses to premium written has averaged 17.8%, which is 8.0 points better than the independent agency segment of the private passenger automobile industry average of 25.8% for the same period.

## Claims Handling

We strive for accuracy, consistency and fairness in our claim resolutions. Our claims organization employs approximately 1,300 people, has several field locations in each of the states in which we do business and provides a 24-hour, seven days per week toll-free service for our customers to report claims. We predominantly use our own local adjusters and appraisers.

We are committed to the field handling of claims and we believe that it provides, when compared with alternative methods, better service to our customers and better control of the claim resolution process. We open claims branch offices in urban areas where the volume of business will support them. Customer interactions can occur with



generalists (initial and continuing adjusters) and specialists (staff appraisers, field casualty representatives and special investigators) based on local market volume, density and performance.

In addition to the use of field claims handling, we use centralized claims call centers to receive initial reports of losses and to adjust simple property damage claims.

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Ratings

A.M. Best has assigned our insurance company subsidiaries a group financial strength rating of “A” (Excellent). A.M. Best assigns “A” ratings to insurers that, in A.M. Best's opinion, “have an excellent ability to meet their ongoing insurance obligations.” A.M. Best bases our rating on factors that concern policyholders and not upon factors concerning investor protection.

Standard and Poor's has assigned our insurance company subsidiaries insurer financial strength ratings of "A" (Strong). An insurer rated "A" by Standard and Poor's has "strong financial security characteristics but is somewhat more likely to be affected by adverse business conditions than are insurers with higher ratings." Insurer financial strength ratings do not refer to an organization's ability to meet nonpolicy (debt) obligations.

Regulatory Environment

Our insurance company subsidiaries are subject to regulation and supervision by insurance departments of the jurisdictions in which they are domiciled or licensed to transact business. State insurance departments have broad administrative power relating to licensing insurers and agents, regulating premium rates and policy forms, establishing reserve and investment requirements, prescribing statutory accounting methods and the form and content of statutory financial reports, and regulating methods and processes of how an insurer conducts its business. Examples of the latter include the establishment in California of auto rating factor and rate approval regulations, proscription on credit-based insurance scoring, prohibition of certain business practices with auto body repair shops, and attempts to set uniform auto body repair shop parts and labor rates.

Under state insolvency and guaranty laws, regulated insurers can be assessed or required to contribute to state guaranty funds to cover policyholder losses resulting from insurer insolvencies. Many states also require insurers, as a condition of doing business in the state, to participate in various assigned risk pools, reinsurance facilities or underwriting associations, which provide insurance coverage to individuals who otherwise are unable to purchase that coverage in the voluntary market. Participation in these involuntary plans is generally in proportion to voluntary writings of related lines of business in that state. The underwriting results of these plans traditionally have been unprofitable. The amount of premium we might be required to assume in a given state in connection with an involuntary plan may be reduced because of credit we may receive for nonstandard policies that we voluntarily write. Many states also have laws and regulations that limit an insurer's ability to exit a market. For example, certain states limit an automobile insurer's ability to cancel and non-renew policies.

State insurance departments that have jurisdiction over our insurance subsidiaries may conduct routine, on-site visits and examinations of our subsidiaries' affairs. There were no open market conduct examinations as of February 15, 2018. These examinations have from time to time given rise to regulatory orders requiring remedial, injunctive or other action on the part of an insurance subsidiary or the assessment of substantial fines or other penalties against our insurance subsidiaries, and are likely to do so in the future. Every five years, our insurance subsidiaries are subject to a financial examination by the states in which the subsidiaries are domiciled. We expect the examination of years 2012 through 2016 to be completed during the first quarter of 2018 with no adjustment to statutory capital surplus.

The insurance laws of the states of domicile of our insurance subsidiaries contain provisions to the effect that the acquisition or change of control of a domestic insurer or of any entity that controls a domestic insurer cannot be consummated without the prior approval of the relevant insurance regulator. In addition, certain state insurance laws require pre-acquisition notification to state agencies of a change in control with respect to a non-domestic insurance company licensed to do business in that state. Such approval requirements may deter, delay or prevent certain transactions affecting the ownership of our common stock.

We are a holding company with no business operations of our own. Consequently, our ability to pay dividends to shareholders and meet our debt payment obligations is largely dependent on dividends or other distributions from our insurance company subsidiaries, current investments and cash held. State insurance laws restrict the ability of our insurance company subsidiaries to declare shareholder dividends. These subsidiaries may not make an “extraordinary dividend” until thirty days after the applicable commissioner of insurance has received notice of the intended dividend and has either not objected or has approved the payment of the extraordinary dividend within the 30-day period. An

extraordinary dividend is defined as any dividend or distribution that, together with other distributions made within the preceding twelve months, exceeds the lesser of (i) 10% of the insurer's surplus; or (ii) the insurer's net income excluding realized capital gains for the twelve-month period ended the preceding December 31st, in each case determined in accordance with statutory accounting practices. In addition, an insurer's remaining surplus after payment of a cash dividend to shareholder affiliates must be both reasonable in relation to its outstanding liabilities and adequate to its financial needs.

If a shareholder dividend does not rise to the statutory level of an extraordinary dividend, then it is an "ordinary dividend." While an insurance company's ability to pay an ordinary dividend does not require the approval of a state insurance department, it must

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file a 10-day notice of ordinary dividend with the appropriate insurance department. Insurance companies that fail to notify an insurance department of the payment of an ordinary dividend are assessed administrative fines. State insurance laws require our subsidiaries to maintain specified levels of statutory capital and surplus. Generally, the net admitted assets of insurance companies that, subject to other applicable insurance laws and regulations, are available for transfer to the parent company cannot include the net admitted assets required to meet the minimum statutory surplus requirements of the states where the companies are licensed. In addition, for competitive reasons, our insurance company subsidiaries need to maintain adequate financial strength ratings from independent rating agencies. Both of these factors may limit the ability of our insurance subsidiaries to declare and pay dividends.

ITEM 1A

Risk Factors

Our business operations face a number of risks. The risks below should be read and considered with other information provided in this report and in other reports and materials we have filed with the SEC. In addition to these risks, other risks and uncertainties not presently known to us or that we currently believe to be immaterial may also materially adversely affect our business, financial condition and/or operating results.

The announced merger agreement with Kemper Corporation is subject to various closing conditions, including regulatory and other approvals.

On February 13, 2018, we entered into a Merger Agreement pursuant to which the Company would become a wholly owned subsidiary of Kemper Corporation. The closing of the merger is subject to certain conditions, including, among others (i) the adoption of the Merger Agreement by holders of at least a majority of the outstanding Company Shares entitled to vote thereon; (ii) the expiration or earlier termination of the waiting period under the Hart-Scott-Rodino Antitrust Improvements Act of 1976, as amended, and regulatory approval by the Securities and Exchange Commission (the "SEC"); (iii) the absence of any temporary restraining order, preliminary or permanent injunction or other order issued by any court of competent jurisdiction or other legal restraint or prohibition preventing the consummation of the Merger; (iv) no more than 10% of the outstanding Company shares shall have properly elected appraisal rights; (v) the shares of Kemper common stock issuable to the Company's shareholders have been approved for listing on the NYSE; (vi) the Form S-4 registering the Kemper shares comprising part of the merger consideration has been declared effective by the SEC; and (vii) certain employees of the Company must be retained.

A number of the closing conditions are outside of our control and we cannot predict with certainty whether all of the required closing conditions will be satisfied or waived or if other uncertainties may arise. In addition, regulators could impose additional requirements or obligations as conditions for their approvals, which may be burdensome. Despite our best efforts, we may not be able to satisfy the various closing conditions or obtain the necessary waivers or approvals in a timely fashion or at all, in which case the Merger would be prevented or delayed.

If we fail to price accurately the risks we underwrite, profitability may be affected.

Our profitability depends on our ability to set premium rates accurately. Inflationary pressures on medical care, auto parts and repair services costs complicate pricing with accuracy. Accurate pricing is also dependent on the availability of sufficient, reliable data on which to project both severity and frequency trends and timely recognition of changes in loss cost trends. This process poses more of a challenge in markets where we have less pricing experience. We could under-price risks, which could negatively affect our profit margins, or over-price risks, which could reduce sales volume and competitiveness. Either scenario could adversely affect profitability.

Because of the significant concentration of our business in California and Florida, negative developments in the regulatory, legal or economic conditions in these states may adversely affect our profitability.

California and Florida personal auto business represented 72% of our total gross written premium in 2017. In 2017 our two largest urban zones, Los Angeles and Miami, represented 48% of total gross written premium. Our personal auto business may become further concentrated in these states and within our two largest urban zones. Consequently, the dynamic nature of regulatory, legal, competitive and economic conditions in these states affects our revenues and profitability. Further, both California and Florida have regulations that limit the after-tax return on underwriting profit

allowed for an insurer. These conditions could negatively affect premium revenue and make it more expensive or less profitable for us to conduct business in these states.

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We rely upon a limited number of independent agents to generate a substantial portion of our business. If we were unable to retain or increase the level of business that these independent agents place with us or increase the level of business generated by other agents, our revenues would be negatively affected.

Approximately 16% of our 10,600 independent agencies and brokers accounted for approximately 80% of our gross written premium in 2017. Further, in California, 54 agencies and brokers produced 50% of our premium in the state, accounting for 24% of our premium nationwide, and in Florida, 32 independent agents and brokers produced 50% of gross written premium in the state, accounting for 13% of our premium nationwide.

We must compete with other insurance carriers for the business of these agents in an increasingly competitive marketplace. Some competitors offer more advanced systems to quote and process business, a larger variety of products, lower prices for insurance coverage, higher commissions or more attractive cash and non-cash incentives. In addition, some of our current agencies may merge or be acquired and the surviving entity may reduce the number of insurers with which business is placed.

If we fail to establish accurate loss reserves, our financial position and results of operations may be affected.

Our loss reserves are our best estimate of the amounts that will be paid for losses incurred as well as losses incurred but not reported. The accuracy of these estimates depends on a number of factors, including but not limited to the availability of sufficient and reliable historical data, inflationary pressures on medical and auto repair costs, changes in regulation, changes in frequency and severity trends and changes in our claims settlement practices. Because of the inherent uncertainty involved in the practice of establishing loss reserves, ultimate losses paid could vary materially from recorded reserves and may adversely affect our operating results.

We are vulnerable to a reduction in business written through the independent agent distribution channel.

Reliance on the independent agency as our primary distribution channel makes us vulnerable to the growing popularity of direct to consumer distribution channels, particularly the Internet. Approximately 73% of all personal automobile insurance sold in the United States is sold direct or through captive agents (agents employed by one company or selling only one company's products) and approximately 27% is sold by independent agents. A material reduction in business generated through the independent agency channel could negatively affect our revenues and growth opportunities.

Judicial, regulatory and legislative changes or challenges to prevailing insurance industry practices as well as technology innovations are ongoing, and could adversely affect our revenue or operating results.

Political, judicial, economic and financial developments occasionally lead to challenges or changes to established industry practices. Examples include challenges to (i) the use of credit and other rating factors in making risk selection and pricing decisions; and (ii) how Florida Personal Injury Protection (PIP) payments to providers are calculated. It is difficult to predict the outcome or impact of current challenges or to identify others that might be brought in the future, but some could result in class action litigation, regulatory sanctions and substantial fines or penalties. In addition, auto technology advancements such as driverless cars, and emerging business models, including transportation network companies and usage-based insurance, could materially impact our revenue over time.

The failure to maintain or to develop further reliable, efficient and secure information technology systems would be disruptive to our operations and diminish our ability to compete successfully.

We are highly dependent on efficient and uninterrupted performance of our information technology and business systems. These systems quote, process and service our business, and perform actuarial functions necessary for pricing and product development. These systems must also be able to undergo periodic modifications and improvements without interruptions or untimely delays in service. This capability is crucial to meeting growing customer demands for user friendly, online capabilities and convenient, quality service. We are undergoing fundamental changes and improvements to our information technology (IT) platform. A failure or delay to achieve these improvements could interrupt certain processes or degrade business operations and could place us at a competitive disadvantage.

Additionally, failure to maintain secure systems could result in unauthorized access to or theft of sensitive customer or company data, misappropriation of funds or disruption to our systems.

The inability to recruit, develop and retain key personnel could prevent us from executing our key business and financial objectives.

The highly competitive nature of our industry, along with the advantages that larger, better-known firms possess in the recruiting process, poses a challenge with respect to both employee retention and recruitment efforts. Successful execution of our key business and financial objectives depends, in part, on our ability to retain, develop or find qualified successors for key personnel. The

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announcement of the loss of key personnel or the delay or inability to retain or appoint successors could negatively affect our stock price, our retention of other key personnel, or hinder us in achieving our business and financial objectives given the specialized knowledge of each of our executive officers and the limited pool of candidates with experience relevant to our operations.

Extra-contractual losses arising from bad faith claims could materially reduce our profitability.

In California and Florida, courts and laws are often viewed as unfavorable toward an insurer in litigation brought against it by policyholders and third-party claimants. This tends to increase our exposure to monetary damages beyond policy limits, in what are commonly referred to as "extra-contractual" or "bad faith" claims. Such claims may result in losses that materially reduce our profitability.

Our goodwill may be at risk for impairment if actual results regarding growth and profitability vary from our estimates.

At December 31, 2017, we had \$75.3 million, or approximately \$6.88 per share, of goodwill. In accordance with the Goodwill topic of the FASB Accounting Standards Codification, we perform impairment test procedures for goodwill on an annual basis. These procedures require us to calculate the fair value of goodwill, compare the result to our carrying value and record the amount of any shortfall as an impairment charge.

We use a variety of methods to test goodwill for impairment, including estimates of future discounted cash flows and comparisons of our market value to our major competitors. Our cash flow projections rely on assumptions that are subject to uncertainty, including premium growth, loss and loss adjustment expense ratios, interest rates and capital requirements. If actual results differ significantly from these assumptions, the fair value of our goodwill could fall below our carrying value and we could be required to record an impairment charge.



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INFINITY PROPERTY AND CASUALTY CORPORATION 10-K

ITEM 1B

Unresolved Staff Comments

None.

ITEM 2

Properties

Our insurance subsidiaries lease 158,741 square feet of office space in numerous cities throughout the United States. All of these leases expire within six years. The most significant leased office spaces are located in Miami, Florida; Cerritos, California and Alpharetta, Georgia. Refer to Note 14 – Commitments and Contingencies to the Consolidated Financial Statements for further information about leases. We own a 33,515 square foot call center in McAllen, Texas, a 50,900 square foot call center in Tucson, Arizona, and three properties in Birmingham, Alabama - a 116,433 square foot building, a 62,808 square foot warehouse and a 120,493 square foot building which serves as our corporate headquarters. The properties identified above are used by all segments reported in the Notes to Consolidated Financial Statements.

ITEM 3

Legal Proceedings

Refer to Note 13 – Legal and Regulatory Proceedings to the Consolidated Financial Statements for a discussion of our material legal proceedings. Except for those legal proceedings disclosed in Note 13 to the Consolidated Financial Statements, we believe that none of the legal proceedings to which we are subject meet the threshold for disclosure under this item.

ITEM 4

Mine Safety Disclosures

Not applicable.

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## INFINITY PROPERTY AND CASUALTY CORPORATION 10-K

## PART II

## ITEM 5

## Market for Registrant’s Common Equity, Related Stockholder Matters and Issuer Purchases of Equity Securities

We had 58 registered holders of record as of February 9, 2018. Our common stock is listed and traded on the NASDAQ Global Select Market under the symbol IPCC. The stock prices in the following table are over-the-counter market quotations that reflect transactions between dealers; retail markups and commissions are not reflected. These prices may not represent actual transactions. Our closing per-share stock price on February 9, 2018, was \$95.60. Refer to Note 12 – Statutory Information to the Consolidated Financial Statements for information about restrictions on transfer of funds and assets of subsidiaries.

## Infinity Quarterly High and Low Stock Prices and Dividends Paid by Quarter

For the quarter ended	High	Low	Close	Dividends Declared and Paid Per Share	Return to Shareholders (excluding dividends) <sup>(a)</sup>	Return to Shareholders (including dividends) <sup>(b)</sup>
March 31, 2016	\$84.10	\$73.26	\$80.50	\$ 0.52	(2.1 )%	(1.5 )%
June 30, 2016	86.79	73.92	80.66	0.52	0.2 %	0.8 %
September 30, 2016	86.74	76.37	82.63	0.52	2.4 %	3.1 %
December 31, 2016	90.50	73.80	87.90	0.52	6.4 %	7.0 %
March 31, 2017	\$99.55	\$84.60	\$95.50	\$ 0.58	8.6 %	9.3 %
June 30, 2017	101.70	90.75	94.00	0.58	(1.6 )%	(1.0 )%
September 30, 2017	100.70	83.00	94.20	0.58	0.2 %	0.8 %
December 31, 2017	110.63	86.45	106.00	0.58	12.5 %	13.1 %
For the twelve months ended						
December 31, 2016	\$90.50	\$73.26	\$87.90	\$ 2.08	6.9 %	9.4 %
December 31, 2017	110.63	83.00	106.00	2.32	20.6 %	23.2 %

(a) Calculated by dividing the change in share price during the period presented by the share price at the beginning of the period presented.

(b) Calculated by dividing (i) the sum of the amount of the dividend, assuming dividend reinvestment, and the change in share price during the period presented; by (ii) the share price at the beginning of the period presented.

The information required under the heading “Equity Compensation Plan Information” is provided under Item 12 – Security Ownership of Certain Beneficial Owners and Management and Related Stockholder Matters herein.

During the fiscal year ended December 31, 2017, all of our equity securities sold were registered under the Securities Act of 1933, as amended.

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## INFINITY PROPERTY AND CASUALTY CORPORATION 10-K

The following table presents information with respect to purchases of our common stock made during the three months ended December 31, 2017, by us or any of our "affiliated purchasers" as defined in Rule 10b-18(a)(3) under the Exchange Act:

Period	Total Number of Shares Purchased	Average Price Paid per Share <sup>(a)</sup>	Total Number of Shares Purchased as Part of Publicly Announced Plans or Programs	Approximate Dollar Value that May Yet Be Purchased Under the Plans or Programs <sup>(b)</sup>
October 1, 2017 - October 31, 2017	41,900	\$ 94.29	41,900	\$ 23,169,053
November 1, 2017 - November 30, 2017	6,800	\$ 93.71	6,800	\$ 22,531,509
December 1, 2017 - December 31, 2017	—	\$ —	—	\$ 22,531,509
Total	48,700	\$ 94.21	48,700	\$ 22,531,509

(a) Average price paid per share excludes commissions.

On November 4, 2014, our Board of Directors increased the authority under our current share and debt repurchase plan to a total of \$75.0 million and extended the date to execute the program to December 31, 2016, from (b) December 31, 2014. On November 1, 2016, our Board approved the extension of the date to execute the program from December 31, 2016, to December 31, 2017, and on November 2, 2017, approved an extension to December 31, 2018.

The following graph shows the comparison of cumulative total shareholder return on our common stock over the five years ended December 31, 2017. The return is measured by dividing (i) the sum of the cumulative amount of dividends, assuming dividend reinvestment, and the change in share price during the periods presented; by (ii) the share price at the beginning of the periods presented. The graph demonstrates cumulative total returns for Infinity, the NASDAQ OMX Global Total Return Index for NASDAQ US Benchmark and the NASDAQ OMX Global Total Return for Industrial Classification Benchmark (ICB): 8500 Insurance (Supersector).

Cumulative Total Return as of December 29, 2017

(Assumes a \$100 investment at the close of trading on December 31, 2012)

	12/31/2012	12/31/2013	12/31/2014	12/31/2015	12/30/2016	12/29/2017
IPCC	\$ 100.00	\$ 125.58	\$ 138.08	\$ 150.14	\$ 164.56	\$ 203.23
NASDAQ US	100.00	133.48	150.12	150.84	170.46	206.91
ICB: 8500 Insurance	100.00	141.64	160.85	159.67	192.30	224.89

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## INFINITY PROPERTY AND CASUALTY CORPORATION 10-K

## ITEM 6

## Selected Financial Data

(\$ in thousands, except per share data)	2017	2016	2015	2014	2013
Gross written premium	\$1,397,294	\$1,401,414	\$1,387,866	\$1,360,870	\$1,339,819
Gross written premium growth	(0.3)%	1.0%	2.0%	1.6%	6.8%
Net written premium	1,386,853	1,392,459	1,373,287	1,347,604	1,329,892
Net earned premium	1,371,336	1,391,664	1,346,564	1,325,935	1,302,525
Total revenues	1,517,987	1,538,706	1,484,032	1,461,709	1,443,233
Loss & LAE ratio	76.8%	78.8%	76.9%	75.5%	78.1%
Underwriting ratio	18.3%	17.9%	18.7%	19.6%	19.9%
Combined ratio	95.2%	96.7%	95.6%	95.1%	98.0%
Net earnings	\$45,384	\$43,085	\$51,481	\$57,201	\$32,633
Net earnings per diluted share	\$4.10	\$3.88	\$4.51	\$4.95	\$2.80
Return on average common shareholders' equity	6.4%	6.2%	7.4%	8.4%	5.0%
Cash and investments	\$1,647,242	\$1,576,514	\$1,538,536	\$1,611,594	\$1,582,238
Total assets	2,473,411	2,402,601	2,385,135	2,382,998	2,315,263
Unpaid losses and LAE	715,098	685,455	669,965	668,177	646,577
Unearned premium	627,575	614,347	616,649	589,260	566,004
Long-term debt	273,809	273,591	273,383	273,186	272,998
Total liabilities	1,753,130	1,703,414	1,697,540	1,685,339	1,658,505
Total shareholders' equity	720,281	699,187	687,595	697,659	656,758
Cash dividends per common share	\$2.32	\$2.08	\$1.72	\$1.44	\$1.20
Common shares outstanding	10,935	11,044	11,151	11,483	11,504
Book value per common share	\$65.87	\$63.31	\$61.66	\$60.75	\$57.09
Ratios:					
Debt to total capital	27.6%	28.2%	28.6%	28.3%	29.5%
Debt to tangible capital	29.9%	30.6%	31.0%	30.6%	32.1%
Interest coverage	6.7	5.4	6.3	6.9	4.2

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INFINITY PROPERTY AND CASUALTY CORPORATION 10-K

Management's Discussion and Analysis of Financial Condition and Results of Operations

ITEM 7

Management's Discussion and Analysis (MD&A) of Financial Condition and Results of Operations

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Refer to Cautionary Statement Regarding Forward-Looking Statements on page 1.

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## INFINITY PROPERTY AND CASUALTY CORPORATION 10-K

## Management's Discussion and Analysis of Financial Condition and Results of Operations

## Overview

Gross written premium decreased 0.3% in 2017 compared with 2016 primarily from premium adjustments in California of \$22.2 million during the first six months of 2017. Refer to Note 13 - Legal and Regulatory Proceedings for a more detailed discussion of the premium adjustments. Refer to Results of Operations – Underwriting – Premium for a more detailed discussion of our gross written premium.

Net earnings and diluted earnings per share for the year ended December 31, 2017, were \$45.4 million and \$4.10, respectively, compared with \$43.1 million and \$3.88, respectively, for 2016. The increase in net earnings and diluted earnings per share for the year ended December 31, 2017, was primarily due to an increase in underwriting income as the result of a decrease in the accident year combined ratio from 98.4% at December 31, 2016, to 96.5% at December 31, 2017. Partially offsetting this was a \$10.2 million deferred tax asset write-off resulting from the impact of the enacted tax reform.

Net catastrophe losses during 2017 were \$17.4 million compared with \$6.9 million during 2016.

Included in net earnings for the year ended December 31, 2017, was \$12.0 million (\$18.5 million pre-tax) of favorable development on prior accident year loss and LAE reserves. This development was primarily due to a decrease in ultimate severity estimates in California related to bodily injury and material damage coverages for accident year 2016 and a decrease in ultimate frequency estimates in Florida related to material damage and uninsured motorist bodily injury coverage for accident year 2016. This favorable development was partially offset by increases in ultimate severity estimates in bodily injury coverages in our commercial auto product. This compares with \$15.6 million (\$24.0 million pre-tax) of favorable development for 2016. The following table displays GAAP combined ratio results by accident year developed through December 31, 2017:

Accident year	Accident Year Combined Ratio Developed Through					Prior Accident Year (Favorable)/Unfavorable Development (\$ in millions)	
	Dec. 2016	Mar. 2017	Jun. 2017	Sep. 2017	Dec. 2017	YTD 2017	YTD 2017
Prior							\$ 0.1
2008	91.1%	91.1%	91.1%	91.1%	91.1%	0.0	% 0.1
2009	92.4%	92.4%	92.5%	92.5%	92.6%	0.2	% 1.7
2010	99.3%	99.3%	99.3%	99.3%	99.3%	0.1	% 0.7
2011	99.8%	99.9%	99.9%	99.9%	99.9%	0.1	% 0.6
2012	99.6%	99.5%	99.4%	99.4%	99.4%	(0.2)	)% (2.5 )
2013	94.8%	94.9%	94.9%	94.8%	94.8%	0.0	% 0.1
2014	94.4%	94.4%	94.5%	94.5%	94.5%	0.2	% 2.3
2015	98.3%	98.4%	98.3%	98.5%	98.5%	0.2	% 2.2
2016	98.4%	97.8%	97.4%	97.0%	96.7%	(1.7)	)% (23.9 ) \$ (18.5 )

Refer to Results of Operations – Underwriting – Profitability for a more detailed discussion of our underwriting results. Pre-tax net investment income increased from \$35.5 million in 2016 to \$37.3 million in 2017 primarily due to an increase in make whole interest and bond issuer tender offers during 2017 totaling \$1.0 million and an increase in interest income on cash equivalents due to an increase in yield.

Our book value per share increased 4.0% from \$63.31 at December 31, 2016, to \$65.87 at December 31, 2017. This increase was primarily due to net earnings partially offset by shareholder dividends and share repurchases.

## Critical Accounting Policies

The preparation of financial statements requires management to make estimates and assumptions that can have a significant effect on amounts reported in the financial statements. As more information becomes known, these estimates and assumptions could change and thus impact amounts reported in the future. We believe that the establishment of insurance reserves, the determination of “other-than-temporary” impairment on investments, accruals for litigation and valuation of goodwill are the areas where the degree of judgment required to determine amounts recorded in the financial statements makes the accounting policies critical.

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INFINITY PROPERTY AND CASUALTY CORPORATION 10-K

Management's Discussion and Analysis of Financial Condition and Results of Operations

Insurance Reserves

Insurance reserves, or unpaid losses and LAE, are our best estimate of the ultimate amounts that will be paid for (i) all claims that have been reported up to the date of the current accounting period but have not yet been paid; (ii) all claims that have occurred but have not yet been reported to us ("incurred but not reported" or IBNR); and (iii) unpaid claim settlement expenses.

Incurred but not reported (IBNR) reserves are established for the quarter and year-end based on a quarterly reserve analysis by our actuarial staff. Various standard actuarial tests are applied to subsets of the business at a state, product and coverage basis. Included in the analyses are the following:

• Paid and incurred extrapolation methods utilizing paid and incurred loss development to predict ultimate losses;  
• Paid and incurred frequency and severity methods utilizing paid and incurred claims count development and paid and incurred claims cost development to predict ultimate average frequency (claims count per policy or auto insured) or ultimate average severity (cost per claim); and

• Paid and incurred Bornhuetter-Ferguson methods adding expected development to actual paid or incurred experience to project ultimate losses.

For each subset of the business evaluated, each test generates a point estimate based on development factors applied to known paid and incurred losses and claim counts. Selections of development factors are based on historical loss development patterns with adjustment based on professional actuarial judgment where anticipated development patterns vary from those seen historically. Deviations from historical loss development patterns may occur due to changes in items such as claims settlement and payment practices, business mix, coverage limits and deductibles, inflation trends in auto repair and medical costs and legal and regulatory trends affecting claims settlements. This estimation of IBNR requires selection of hundreds of such factors. A single point estimate for the subset being evaluated is then selected from the results of various tests, based on a combination of simple averages of the point estimates of the various tests and selections based on professional actuarial judgment.

Estimating the liability for unpaid losses and LAE is inherently judgmental and is influenced by factors that are subject to significant variation. When possible, we make quantitative and qualitative modifications to, or selections of, such factors where deviations from historical trends in these key areas exist. We analyze the adequacy of reserves using actuarial data and analytical reserve development techniques, including projections of ultimate paid losses, to determine the ultimate amount of reserves. The list of historical trends provided above are non-exhaustive examples of major factors that we take into account in developing these estimates.

We review loss reserve adequacy quarterly by accident year at a state, product and coverage level. We adjust reserves as additional information becomes known and reflect such adjustments in current year operations.

During each quarterly review by the internal actuarial staff, using the additional information obtained with the passage of time, factor selections are updated, which in turn adjust the ultimate loss estimates and held IBNR reserves for the subset of the business and accident periods affected by such updates. The actuarial staff also performs various tests to estimate ultimate average severity and frequency of claims. Severity represents the average cost per claim and frequency represents the number of claims per auto or per policy. As an overall review, the staff then evaluates for reasonableness loss and LAE ratios by accident year by state, by product and by coverage.

Factors that can significantly affect actual frequency include, among others, changes in weather, driving patterns or trends and class of driver. Changes in claims settlement and reserving practices can affect estimates of average frequency and severity. Auto repair and medical cost inflation, jury awards and changes in policy limit profiles can affect loss severity. Estimation of LAE reserves is subject to variation from factors such as the use of outside adjusters, frequency of lawsuits, claims staffing and experience levels.

We believe that our relatively low average policy limit and concentration on the nonstandard auto driver classification generally help stabilize fluctuations in frequency and severity. For example, approximately 92% of our policies include only the state-mandated minimum policy limits for bodily injury, which somewhat mitigates the challenge of estimating average severity. These low limits tend to reduce the exposure of the loss reserves on this coverage to



medical cost inflation on severe injuries since the minimum policy limits will limit the total payout. Ultimate loss estimates, excluding extra-contractual obligation (ECO) losses, usually experience the greatest adjustment within the first 12 to 18 months after the accident year. Accordingly, the highest degree of uncertainty is associated with reserves for the current accident year because the current accident year contains the greatest proportion of losses that have not been reported or settled, and we must estimate these elements as of the current reporting date. The proportion of losses with these characteristics typically diminishes in subsequent years. As compared with loss and LAE reserves held at December 31, 2017, our best estimate of reserve ranges using indicated results from utilized estimates of loss and LAE could range from a deficiency of 8%, or \$55.5 million, to a redundancy of 9%, or \$59.9

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## INFINITY PROPERTY AND CASUALTY CORPORATION 10-K

## Management's Discussion and Analysis of Financial Condition and Results of Operations

million. These ranges do not present a forecast of future redundancy or deficiency since actual development of future losses on current loss reserves may vary materially from those estimated in the year-end 2017 reserve tests. Reserves recorded are our best estimate of the ultimate amounts that will be paid.

As noted above, the highest degree of uncertainty is associated with reserves in the first 12 to 18 months. The following table displays the accident year combined ratios developed through December 31, 2017, for the four most recent accident years along with the potential combined ratios based on the low and high outcomes of the loss and LAE tests utilized:

Accident year	Combined Ratios			
	Developed Through			
	December 31, 2017			
Low	As Reported	High		
2014	94.1 %	94.5 %	94.9 %	
2015	97.7 %	98.5 %	99.2 %	
2016	96.1 %	96.7 %	97.3 %	
2017	94.5 %	96.5 %	98.5 %	

ECO losses represent estimates of losses incurred from actual or threatened litigation by claimants alleging improper handling of claims by us, which are commonly known as "bad faith" claims. Oftentimes, the onset of such litigation, subsequent discovery, settlement discussions, trial and appeal may occur several years after the date of the original claim. Because of the infrequent nature of such claims, we accrue a liability for each case based on the facts and circumstances in accordance with the Loss Contingency topic of the FASB Accounting Standards Codification, which requires that such loss be probable and estimable. As such, no reserve is permissible for IBNR for threatened litigation yet to occur on accidents with dates prior to the balance sheet date. Consequently, the effect of setting accruals for such items likely will result in unfavorable reserve development in the following reserve tables.

Calendar year losses incurred for ECOs, net of reinsurance, over the past five years have ranged from \$1.1 million to \$4.5 million, averaging \$2.7 million per year. Calendar year losses incurred for ECOs, gross of reinsurance, over the past five years have ranged from \$1.1 million to \$16.6 million, averaging \$5.1 million per year. Net losses for 2017, 2016 and 2015 have been \$4.5 million, \$1.1 million and \$2.4 million, respectively.

We find it useful to evaluate accident year loss and LAE ratios by calendar year to monitor reserve development. The following table presents, by accident year, loss and LAE ratios (including IBNR):

Accident year	Accident Year Loss and LAE Ratios Through Calendar Year End									
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
2008	73.5%	71.9%	69.9%	69.6%	69.4%	69.2%	69.0%	69.0%	68.9%	68.9%
2009		74.2%	71.0%	71.0%	70.7%	70.4%	70.4%	70.5%	70.5%	70.7%
2010			75.1%	76.7%	76.8%	76.9%	76.5%	76.7%	76.6%	76.6%
2011				74.9%	77.3%	77.6%	77.4%	77.5%	77.1%	77.2%
2012					78.2%	78.7%	79.0%	79.0%	78.5%	78.3%
2013						77.9%	77.0%	75.6%	75.0%	75.0%
2014							76.9%	75.8%	74.8%	75.0%
2015								79.1%	79.7%	79.8%
2016									80.5%	78.8%
2017										78.2%



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The following table summarizes the effect on each calendar year of reserve re-estimates, net of reinsurance, for each of the accident years presented. The total of each column details the amount of reserve re-estimates made in the indicated calendar year and shows the accident years to which the re-estimates are applicable.

Calendar Year Impact of Reserve Development by Accident Year										
(Favorable) Unfavorable Reserve Development										
(\$ in millions)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Accident year										
Prior	\$(29.4)	\$(50.5)	\$(27.9)	\$(7.1)	\$(5.3)	\$(1.9)	\$(1.8)	\$(0.2)	\$0.5	\$0.1
2008		(14.8)	(18.6)	(2.8)	(1.6)	(2.0)	(1.6)	(0.7)	(0.2)	0.1
2009			(27.5)	0.1	(2.6)	(3.0)	0.8	0.3	0.3	1.7
2010				14.3	1.1	0.5	(3.4)	1.8	(1.4)	0.7
2011					24.7	2.8	(2.0)	0.9	(3.3)	0.6
2012						6.4	2.5	0.1	(5.3)	(2.5)
2013							(11.9)	(17.1)	(9.1)	0.1
2014								(14.0)	(13.1)	2.3
2015									7.7	2.2
2016										(23.9)
Total	\$(29.4)	\$(65.4)	\$(73.9)	\$4.5	\$16.2	\$2.9	\$(17.4)	\$(28.9)	\$(24.0)	\$(18.5)

The \$18.5 million favorable reserve development during the twelve months ended December 31, 2017, was primarily due to decreases in ultimate frequency and severity estimates from the bodily injury and material damage coverages in California for accident year 2016 and decreases in ultimate frequency and severity estimates from material damage coverages along with decreases in severity estimates from uninsured motorist bodily injury coverage in Florida for accident year 2016. This favorable development was partially offset by increases in ultimate severity estimates in bodily injury coverages in our commercial auto product.

The \$24.0 million favorable reserve development during the twelve months ended December 31, 2016, was primarily due to decreases in severity estimates in Florida bodily injury and personal injury protection coverages related to accident years 2015 and prior, partially offset by increases in severity estimates in California material damage and bodily injury coverages as well as bodily injury coverages in our commercial auto product, all related to accident year 2015.

The \$28.9 million favorable reserve development during the twelve months ended December 31, 2015, was primarily due to decreases in severity estimates in Florida bodily injury coverages and California bodily injury loss adjustment expense estimates, all related to accident years 2013 and 2014.

**Other-than-Temporary Losses on Investments**

The determination of whether unrealized losses on investments are "other-than-temporary" requires judgment based on subjective as well as objective factors. Factors we considered and resources we used in our determination include:

- whether the unrealized loss is credit-driven or a result of changes in market interest rates;
- the length of time the security's market value has been below its cost;
- the extent to which fair value is less than cost basis;
- the intent to sell the security;
- whether it is more likely than not that there will be a requirement to sell the security before its anticipated recovery;
- historical operating, balance sheet and cash flow data contained in issuer SEC filings;
- issuer news releases;
- near-term prospects for improvement in the issuer and/or its industry;
- industry research and communications with industry specialists; and
- third-party research and credit rating reports.

We regularly evaluate our investment portfolio for potential impairment by evaluating each security position that has either of the following: a fair value of less than 95% of its book value or an unrealized loss that equals or exceeds \$100,000. Since accurately predicting if or when a specific security will become other-than-temporarily impaired is not possible, total impairment charges could be material to the results of operations in a future period.

For fixed maturity securities that are other-than-temporarily impaired, we assess our intent to sell and the likelihood that we will be required to sell the security before recovery of our amortized cost. If a fixed maturity security is considered other-than-temporarily

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## INFINITY PROPERTY AND CASUALTY CORPORATION 10-K

## Management's Discussion and Analysis of Financial Condition and Results of Operations

impaired but we do not intend to and are not more than likely to be required to sell the security before our recovery to amortized cost, the amount of the impairment is separated into a credit loss component and the amount due to all other factors ("non-credit component"). The excess of the amortized cost over the present value of the expected cash flows determines the credit loss component of an impairment charge on a fixed maturity security. The present value is determined using the best estimate of cash flows discounted at (i) the effective interest rate implicit at the date of acquisition for non-structured securities; or (ii) the book yield for structured securities. The techniques and assumptions for determining the best estimate of cash flows vary depending on the type of security. We recognize the credit loss component of an impairment charge in net earnings and the non-credit component in accumulated other comprehensive income. If we intend to sell or will, more likely than not, be required to sell a security, the entire amount of the impairment is treated as a credit loss.

Accruals for Litigation

We continually evaluate potential liabilities and reserves for litigation using the criteria established by the Loss Contingency topic of the FASB Accounting Standards Codification. Under this guidance, we may only record reserves for loss if the likelihood of occurrence is probable and the amount is reasonably estimable. We consider each legal action and record reserves for losses in accordance with this guidance. We believe the current assumptions and other considerations used to estimate potential liability for litigation are appropriate. Certain claims and legal actions have been brought against us for which, under the rules described above, no loss has been accrued. While it is not possible to know with certainty the ultimate outcome of these claims or lawsuits, we do not expect them to have a material effect on our financial condition or liquidity. Refer to Note 13 – Legal and Regulatory Proceedings to the Consolidated Financial Statements for a discussion of our material legal proceedings.

Goodwill

In accordance with the Goodwill topic of the FASB Accounting Standards Codification, we perform impairment test procedures for goodwill on an annual basis. These procedures require us to calculate the fair value of goodwill, compare the result to our carrying value and record the amount of any shortfall as an impairment charge.

We performed this test as of October 1, 2017, using a variety of methods, including estimates of future discounted cash flows and comparisons of our market value to that of our major competitors. Our cash flow projections rely on assumptions that are subject to uncertainty, including premium growth, loss and LAE ratios, interest rates and capital requirements.

The October 1, 2017, test results indicated that the fair value of our goodwill exceeded our carrying value and therefore no impairment charge was required at that date. Additionally, there was no indication of impairment at December 31, 2017.

Liquidity and Capital ResourcesRatios

The National Association of Insurance Commissioners' (NAIC) model law for risk-based capital (RBC) provides formulas to determine the amount of capital that an insurance company needs to ensure that it has an acceptable expectation of not becoming financially impaired. At December 31, 2017, the capital ratios of all our insurance subsidiaries exceeded the RBC requirements.

Sources of Funds

We are a holding company and our insurance subsidiaries conduct our operations. Accordingly, we will have continuing cash needs for administrative expenses, the payment of interest on borrowings, shareholder dividends, share repurchases and taxes.

Funds to meet expenditures at the holding company come primarily from dividends and tax payments from the insurance subsidiaries as well as cash and investments held by the holding company. The ordinary dividend capacity and total payment activity, including extraordinary dividends, of our insurance companies for the two most recent years, as well as the dividend capacity for the upcoming year, are shown in the following table (\$ in thousands):

2018	2017	2016
------	------	------

Maximum ordinary dividends available to Infinity \$67,863 \$59,343 \$59,623

Dividends paid from subsidiaries to parent N/A 66,000 60,000

As of December 31, 2017, the holding company had \$171.0 million of cash and investments. In 2018, our insurance subsidiaries may pay us up to \$67.9 million in ordinary dividends without prior regulatory approval. Rating agency capital requirements, among other factors, will be considered when determining the actual amount of dividends paid in 2018.

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Our insurance subsidiaries generate liquidity to satisfy their obligations, primarily by collecting and investing premiums in advance of paying claims and generating investment income on their \$1.4 billion investment portfolio. Our insurance subsidiaries generated positive cash flows from operations of approximately \$134.2 million in 2017, \$114.0 million in 2016 and \$80.2 million in 2015.

At December 31, 2017, we had \$275 million principal outstanding of 5.0% senior notes due September 2022 (the "5.0% Senior Notes"). The 5.0% Senior Notes accrue interest at 5.0%, payable semiannually each March and September. Refer to Note 4 – Long-Term Debt to the Consolidated Financial Statements for more information on our long-term debt.

In August 2017 we renewed our agreement for a \$50 million three-year revolving credit facility (the "Credit Agreement") that requires us to meet certain financial and other covenants. We are currently in compliance with all covenants under the Credit Agreement, and as of December 31, 2017, there were no borrowings outstanding against it. On February 29, 2016, we filed a "shelf" registration statement with the Securities and Exchange Commission registering securities, and as long as it remains effective, it will allow us to sell any combination of senior or subordinated debt securities, common stock, preferred stock, warrants, depositary shares, purchase contracts and units in one or more offerings should we choose to do so in the future. This shelf registration statement expires March 1, 2019.

Uses of Funds

Our quarterly dividend is currently \$0.58 per share. At this current amount, our 2018 annualized dividend payments will be approximately \$25.4 million.

Our Board of Directors previously authorized a share and debt repurchase program. On November 4, 2014, our Board of Directors increased the authority to a total of \$75 million and extended the date to execute the program to December 31, 2016, from December 31, 2014. On November 1, 2016, our Board approved the extension of the date to execute the program from December 31, 2016, to December 31, 2017, and on November 2, 2017, approved an extension to December 31, 2018. During 2017 we repurchased 133,306 shares at an average cost, excluding commissions, of \$92.54 per share. As of December 31, 2017, we had \$22.5 million of authority remaining under this program.

We believe that cash balances, cash flows generated from operations or borrowings, and maturities and sales of investments are adequate to meet our future liquidity needs and those of our insurance subsidiaries.

Contractual Obligations

Our contractual obligations and those of our insurance subsidiaries as of December 31, 2017, were (\$ in thousands):

Due in	Long-Term Debt & Interest	Operating Leases	Capital Leases	Loss and LAE Reserves (a)	Post-retirement Benefit Payments (b)	Total
2018	\$ 13,750	\$ 4,218	\$717	\$427,913	\$ 266	\$446,864
2019 - 2020	27,500	4,919	1,037	216,065	559	250,080
2021 - 2022	302,500	2,809	202	43,628	567	349,706
2023 and after 0		523	0	27,492	1,627	29,642
Total	\$ 343,750	\$ 12,469	\$ 1,956	\$715,098	\$ 3,020	\$1,076,293

(a) We base the payout pattern for reserves for losses and LAE upon historical payment patterns and they do not represent actual contractual obligations. The timing and amounts ultimately paid will vary from these estimates, as discussed above under Critical Accounting Policies and in Note 1 – Significant Reporting and Accounting Policies to the Consolidated Financial Statements.

(b) The payments for post-retirement benefits do not represent actual contractual obligations. The payments presented represent the best estimate of future contributions.





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Investments

General

Our Investment Committee, which is composed exclusively of independent directors, has approved our investment guidelines. The guidelines specifically address overall investment objectives, permissible assets, prohibited assets, permitted exceptions to the guidelines and credit quality.

We engage three unaffiliated money managers for our fixed income portfolio and we own a Vanguard exchange-traded fund designed to track the FTSE Global All Cap Index for our equity portfolio. The investment managers conduct, in accordance with our investment guidelines, all of our investment purchases and sales. Our Chief Financial Officer and the Investment Committee, at least quarterly, review the performance of the money managers and compliance with our investment guidelines. National banks unaffiliated with the money managers maintain physical custody of securities.

Our consolidated investment portfolio at December 31, 2017, contained \$1.4 billion in fixed maturity securities, \$96.0 million in equity securities and \$2.5 million of short-term investments, all carried at fair value with unrealized gains and losses reported in accumulated other comprehensive income, a separate component of shareholders' equity, on an after-tax basis. At December 31, 2017, we had pre-tax net unrealized gains of \$1.2 million on fixed maturities and pre-tax net unrealized gains of \$27.2 million on equity securities. Combined, the pre-tax net unrealized gain increased by \$17.3 million for the twelve months ended December 31, 2017.

Approximately 90.5% of our fixed maturity portfolio at December 31, 2017, was rated "investment grade" (credit rating of AAA to BBB) by nationally recognized rating agencies. The average credit rating of our fixed maturity portfolio was AA- at December 31, 2017. Investment grade securities generally bear lower yields and lower degrees of risk than those that are unrated or non-investment grade. We believe that a high quality investment portfolio is more likely to generate stable and predictable investment returns.

Because we carry all of these securities at fair value in the Consolidated Balance Sheets, there is virtually no effect on liquidity or financial condition upon the sale and ultimate realization of unrealized gains and losses. The average duration of our fixed maturity portfolio was 3.3 years at December 31, 2017.

Fair values of instruments are based on (i) quoted prices in active markets for identical assets (Level 1); (ii) quoted prices for similar instruments in active markets, quoted prices for identical or similar instruments in markets that are not active and model-derived valuations in which all significant inputs are observable in active markets (Level 2); or (iii) valuations derived from valuation techniques in which one or more significant inputs are unobservable in the marketplace (Level 3).

Our Level 1 securities are U.S. Treasury securities, an exchange-traded fund and equity securities held in a rabbi trust. Our Level 2 securities are comprised of securities whose fair value was determined using observable market inputs. Our Level 3 securities are comprised of (i) securities for which there is no active or inactive market for similar instruments; (ii) securities whose fair value is determined based on unobservable inputs; and (iii) securities that nationally recognized statistical rating organizations do not rate.

A third party nationally recognized pricing service provides the fair value of securities in Level 2. We periodically review the third party pricing methodologies used by our primary independent pricing service to verify that prices are determined in accordance with fair value guidance in U.S. GAAP, including the use of observable market inputs, and to ensure that assets are properly classified in the fair value hierarchy.

Further, for all Level 2 securities, we compare the market price from the primary independent third party pricing service that is used to value the security with market prices from recent sales activity or, for those securities with no recent sales activity, with prices from another independent third party pricing service or non-binding broker quotes. This comparison is performed in order to determine if the price obtained from the primary independent pricing service is a reasonable price to use in our financial statements. We made no adjustments to the prices obtained from the primary independent pricing service as a result of this comparison.



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Summarized information for our investment portfolio at December 31, 2017, follows (\$ in thousands):

	Amortized Cost	Fair Value	% of Total Fair Value	
Fixed maturities:				
U.S. government	\$61,196	\$60,528	3.9	%
State and municipal	492,442	494,211	32.1	%
Mortgage- and asset-backed:				
Residential mortgage-backed securities	353,277	350,992	22.8	%
Commercial mortgage-backed securities	31,204	30,569	2.0	%
Asset-backed securities (ABS):				
Auto loans	29,450	29,362	1.9	%
Credit card	22,593	22,551	1.5	%
Equipment leases	4,961	4,958	0.3	%
All other	5,548	5,548	0.4	%
Total ABS	62,552	62,418	4.1	%
Total mortgage- and asset-backed	447,032	443,979	28.8	%
Corporates				
Investment grade	308,515	309,403	20.1	%
Non-investment grade	130,693	132,986	8.6	%
Total corporates	439,208	442,390	28.7	%
Total fixed maturities	1,439,878	1,441,107	93.6	%
Equity securities	68,812	96,004	6.2	%
Short-term investments	2,541	2,541	0.2	%
Total investment portfolio	\$1,511,232	\$1,539,653	100.0	%

The following table presents the returns, gross of investment expenses, of our investment portfolios based on quarterly investment balances as reflected in the financial statements, excluding equities invested in a rabbi trust:

	Twelve months ended December 31,					
	2017		2016		2015	
Return on fixed income securities:						
Excluding realized gains and losses	2.6	%	2.6	%	2.6	%
Including realized gains and losses	2.4	%	2.6	%	2.7	%
Return on equity securities:						
Excluding realized gains and losses	2.9	%	2.9	%	2.8	%
Including realized gains and losses	10.5	%	6.6	%	5.4	%
Return on all investments:						
Excluding realized gains and losses	2.5	%	2.5	%	2.5	%
Including realized gains and losses	2.7	%	2.7	%	2.7	%

## Receivable for Securities Sold

The \$1.7 million and \$0.8 million balances in receivable for securities sold at December 31, 2017, and December 31, 2016, respectively, represents fixed income securities sold in the normal course of business that had not settled prior to the end of their respective years.

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## Payable for Securities Purchased

The \$5.6 million and \$13.9 million balances in payable for securities purchased at December 31, 2017, and December 31, 2016, respectively, represent fixed income securities and treasury stock purchased in the normal course of business that had not settled prior to the end of their respective years.

## Exposure to Market Risk

Market risk represents the potential economic loss arising from adverse changes in the fair value of financial instruments. Our exposures to market risk relate principally to our investment portfolio, which is exposed primarily to interest rate risk and credit risk and, to a lesser extent, equity price risk.

Our fixed maturity portfolio is comprised of substantially all fixed rate investments with primarily short-term and intermediate-term maturities. We strive to maintain a "laddered" portfolio, with maturities and prepaid principal spread across the maturity spectrum. This portfolio composition allows flexibility in reacting to fluctuations of interest rates. In addition, higher market rates available for new funds available for investment partially mitigate the risk of loss in fair value. We manage the portfolios of our insurance companies to achieve an adequate risk-adjusted return while maintaining sufficient liquidity to meet policyholder obligations.

## Interest Rate Risk

The fair values of our fixed maturity investments fluctuate in response to changes in market interest rates. Increases and decreases in prevailing interest rates generally translate into decreases and increases, respectively, in fair values of those instruments. Additionally, the creditworthiness of the issuer, prepayment options, relative values of alternative investments, the liquidity of the instrument and other general market conditions may affect fair values of interest rate sensitive instruments.

The following table summarizes the estimated effects of hypothetical increases and decreases in interest rates resulting from parallel shifts in market yield curves on our fixed maturity portfolio and long-term debt. We assume that we will realize the effects immediately upon the change in interest rates. The hypothetical changes in market interest rates do not reflect best or worst case scenarios. Variations in market interest rates could produce significant changes in the timing of repayments due to prepayment options available. For these reasons, actual results might differ from those reflected in the table.

(\$ in thousands)	Sensitivity to Instantaneous Interest Rate Changes (basis points)						
	(200)	(100)	(50)	—	50	100	200
Fair value of fixed maturity portfolio	\$ 1,533,583	\$ 1,488,956	\$ 1,465,047	\$ 1,441,107	\$ 1,417,139	\$ 1,393,141	\$ 1,345,059
Fair value of long-term debt	316,513	303,348	297,008	290,824	284,790	278,904	267,557

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The following table provides information about our fixed maturity investments at December 31, 2017, which are sensitive to interest rate risk. The table shows expected principal cash flows by expected maturity date for each of the five subsequent years and collectively for all years thereafter. Callable bonds and notes are included based on call date or maturity date depending upon which date produces the most conservative yield. Mortgage-Backed Securities (MBS) and sinking fund issues are included based on maturity year adjusted for expected payment patterns. The cash flows presented take into consideration historical relationships of market yields and prepayment rates. However, the actual prepayment rate may differ from historical trends resulting in actual principal cash flows that differ from those presented below.

(\$ in thousands)	Expected Principal Cash Flows			Maturing Book Yield
	ABS only	MBS and ABS	Total	
For the twelve months ending December 31,				
2018	\$53,241	\$95,915	\$149,155	2.4
2019	51,874	197,042	248,916	2.3
2020	54,011	198,579	252,590	2.5
2021	42,207	139,544	181,751	2.7
2022	44,766	159,758	204,524	2.6
Thereafter	186,212	151,217	337,429	2.9
Total	\$432,310	\$942,056	\$1,374,365	2.6

**Credit Risk**

We manage credit risk by diversifying our portfolio to avoid concentrations in any single industry group or issuer and by limiting investments in securities with lower credit ratings. The largest investment in any one issuer, excluding the U.S. Government or government-sponsored entities, is \$13.2 million or 0.9% of the fixed income investment portfolio, and the top five investments make up 3.9% of the fixed income portfolio. All of the fixed maturities owned at December 31, 2017, were producing their stated rate of investment income.

We categorize securities by rating based upon available ratings issued by Moody's, Standard & Poor's or Fitch. If all three ratings are available but not equivalent, we exclude the lowest rating and the lower of the remaining ratings is used. If ratings are only available from two agencies, the lowest is used. This methodology is consistent with that used by the major bond indices.

The following table presents the credit rating and fair value of our fixed maturity portfolio by major security type at December 31, 2017, (\$ in thousands):

	Rating				Non-investment Grade	Total Fair Value	% of Total Exposure
	AAA	AA	A	BBB			
U.S. government	\$60,528	\$0	\$0	\$0	\$0	\$60,528	4.2 %
State and municipal	143,597	261,000	86,126	0	3,488	494,211	34.3 %
Mortgage- and asset-backed	424,015	10,355	6,128	3,481	0	443,979	30.8 %
Corporates	1,695	24,399	154,782	128,527	132,986	442,390	30.7 %
Total fair value	\$629,835	\$295,754	\$247,037	\$132,007	\$136,474	\$1,441,107	100.0 %
% of total fair value	43.7	% 20.5	% 17.1	% 9.2	% 9.5	% 100.0	%

**Equity Price Risk**

Equity price risk is the potential economic loss from adverse changes in equity security prices. Our exposure to equity price risk is limited, as our equity investments comprise only 6.2% of our total investment portfolio. At December 31, 2017, the fair value of our equity portfolio was \$96.0 million.



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## Results of Operations

## Underwriting

## Premium

Our net earned premium was as follows (\$ in thousands):

	Twelve months ended December 31,			
	2017	2016	Change	% Change
Gross written premium:				
Personal Auto	1,217,384	1,240,037	(22,653 )	(1.8 )%
Commercial Auto	163,389	145,272	18,117	12.5 %
Classic Collector	16,520	16,105	415	2.6 %
Total gross written premium	1,397,294	1,401,414	(4,121 )	(0.3 )%
Ceded reinsurance	(10,441 )	(8,955 )	(1,486 )	16.6 %
Net written premium	1,386,853	1,392,459	(5,606 )	(0.4 )%
Change in unearned premium	(15,517 )	(795 )	(14,722 )	NM
Net earned premium	\$ 1,371,336	\$ 1,391,664	\$ (20,328)	(1.5 )%

	Twelve months ended December 31,			
	2016	2015	Change	% Change
Gross written premium:				
Personal Auto	1,240,037	1,246,492	(6,455 )	(0.5 )%
Commercial Auto	145,272	126,036	19,237	15.3 %
Classic Collector	16,105	15,339	766	5.0 %
Total gross written premium	1,401,414	1,387,866	13,548	1.0 %
Ceded reinsurance	(8,955 )	(14,579 )	5,624	(38.6 )%
Net written premium	1,392,459	1,373,287	19,172	1.4 %
Change in unearned premium	(795 )	(26,723 )	25,928	(97.0 )%
Net earned premium	\$ 1,391,664	\$ 1,346,564	\$ 45,100	3.3 %

NM = Not Meaningful

The following table summarizes our policies in force:

	At December 31,			
	2017	2016	Change	% Change
Personal Auto	683,802	705,242	(21,440)	(3.0 )%
Commercial Auto	56,818	52,340	4,478	8.6 %
Classic Collector	41,118	41,473	(355 )	(0.9 )%
Total policies in force	781,738	799,055	(17,317)	(2.2 )%

	At December 31,			
	2016	2015	Change	% Change
Personal Auto	705,242	766,858	(61,616)	(8.0 )%
Commercial Auto	52,340	48,955	3,385	6.9 %
Classic Collector	41,473	41,178	295	0.7 %
Total policies in force	799,055	856,991	(57,936)	(6.8 )%





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2017 compared to 2016

It is our policy to close our policy and claim systems on the last Friday of the month, which resulted in 2016 being a 53-week year. Excluding the impact of this extra week, gross written premium in 2017 would have increased 1.0%. We implemented rate revisions in various states with an overall rate increase of 8.9% during 2017. Policies in force at December 31, 2017, decreased 2.2% compared with the same period of 2016.

The decrease in Personal Auto gross written premium was primarily due to premium adjustments in California of \$22.2 million during the first six months of 2017. Refer to Note 13 - Legal and Regulatory Proceedings for a more detailed discussion of the premium adjustments. Excluding the premium adjustments, gross written premium increased 1.3% during 2017 driven by growth in Texas, Arizona and Commercial Auto, partially offset by reductions in new business in Florida and renewal business in California. Growth in Texas was primarily due to new and renewal business growth and higher average premiums. Growth in Arizona was primarily due to new business growth and higher average premiums.

The gross written premium growth in our Commercial Auto product was primarily due to new and renewal business growth and higher average premiums.

2016 compared to 2015

We implemented rate revisions in various states with an overall rate increase of 8.6% during 2016. Policies in force at December 31, 2016, decreased 6.8% compared with the same period of 2015. Excluding the impact of the extra week in 2016, gross written premium would have decreased 0.3% for the year.

The decrease in Personal Auto gross written premium was primarily due to a decline in Florida in response to rate increases totaling 12.8% implemented throughout the year as well as lower premium in states where we are running off business. This decrease was partially offset by growth in Texas, which grew 63.2% compared with the prior year. The gross written premium growth in our Commercial Auto product was primarily due to renewal business growth and higher average premiums in California and Texas.

Profitability

A key operating performance measure of insurance companies is underwriting profitability, as opposed to overall profitability or net earnings. We measure underwriting profitability by the combined ratio. When the combined ratio is under 100%, we consider underwriting results profitable; when the ratio is over 100%, we consider underwriting results unprofitable. The combined ratio does not reflect investment income, other income, interest expense, corporate general and administrative expenses, other expenses or federal income taxes.

In addition to reporting financial results in accordance with GAAP, we report results on a statutory basis for insurance regulatory purposes. We evaluate underwriting profitability based on a combined ratio calculated using statutory accounting principles. The statutory combined ratio represents the sum of the following ratios: (i) losses and LAE incurred as a percentage of net earned premium; and (ii) underwriting expenses incurred, net of installment and other fees, as a percentage of net written premium. Certain expenses are treated differently under statutory and GAAP accounting principles. Under GAAP, commissions, premium taxes and other variable costs incurred in connection with successfully writing new and renewal business are capitalized as deferred policy acquisition costs and amortized on a pro rata basis over the period in which the related premium is earned. On a statutory basis, these items are expensed as incurred. Additionally, bad debt charge-offs on agent balances and premium receivables are included only in the GAAP combined ratios.

The discussion of underwriting results that follows focuses on statutory ratios and the components thereof, unless otherwise indicated.

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The following tables present statutory and GAAP combined ratios:

	Twelve months ended December 31, 2017			2016			% Point Change		
	Loss & LAE Ratio	Underwriting Ratio	Combined Ratio	Loss & LAE Ratio	Underwriting Ratio	Combined Ratio	Loss & LAE Ratio	Underwriting Ratio	Combined Ratio
Personal Auto	76.6%	16.3%	93.0 %	78.9%	16.0%	94.9 %	(2.3)%	0.4%	(1.9 )%
Commercial Auto	82.0%	16.0%	98.0 %	81.6%	16.9%	98.5 %	0.4 %	(0.9)%	(0.5 )%
Classic Collector	62.7%	35.5%	98.2 %	62.1%	32.8%	94.9 %	0.6 %	2.7%	3.3 %
Total statutory ratios	77.1%	16.5%	93.6 %	79.0%	16.3%	95.3 %	(1.9)%	0.3%	(1.7 )%
Total statutory ratios excluding development	78.4%	16.5%	95.0 %	80.7%	16.3%	97.0 %	(2.3)%	0.3%	(2.0 )%
GAAP ratios	76.8%	18.3%	95.2 %	78.8%	17.9%	96.7 %	(2.0)%	0.5%	(1.5 )%
GAAP ratios excluding development	78.2%	18.3%	96.5 %	80.5%	17.9%	98.4 %	(2.3)%	0.5%	(1.9 )%

	Twelve months ended December 31, 2016			2015			% Point Change		
	Loss & LAE Ratio	Underwriting Ratio	Combined Ratio	Loss & LAE Ratio	Underwriting Ratio	Combined Ratio	Loss & LAE Ratio	Underwriting Ratio	Combined Ratio
Personal Auto	78.9%	16.0%	94.9 %	76.7%	16.8%	93.6 %	2.2 %	(0.9)%	1.3 %
Commercial Auto	81.6%	16.9%	98.5 %	85.0%	16.2%	101.3 %	(3.5 )%	0.7%	(2.8 )%
Classic Collector	62.1%	32.8%	94.9 %	52.1%	29.0%	81.1 %	10.0 %	3.8%	13.8 %
Total statutory ratios	79.0%	16.3%	95.3 %	77.1%	16.9%	94.0 %	1.9 %	(0.7)%	1.2 %
Total statutory ratios excluding development	80.7%	16.3%	97.0 %	79.2%	16.9%	96.2 %	1.5 %	(0.7)%	0.8 %
GAAP ratios	78.8%	17.9%	96.7 %	76.9%	18.7%	95.6 %	1.9 %	(0.8)%	1.1 %
GAAP ratios excluding development	80.5%	17.9%	98.4 %	79.1%	18.7%	97.8 %	1.4 %	(0.8)%	0.7 %

2017 compared to 2016

During 2017, adjustments were made to written and earned premium as a result of premium returned to policyholders in California. Refer to [Note 13 - Legal and Regulatory Proceedings](#) for a more detailed discussion of the premium adjustments. For the twelve months ended December 31, 2017, written and earned premiums were reduced by \$22.1 million and \$16.2 million, respectively. Excluding the adjustments, the statutory combined ratio for the twelve months ended December 31, 2017, would have been 92.5%. The GAAP combined ratio for the same period would have been 94.0%.

The statutory combined ratio for the twelve months ended December 31, 2017, decreased by 1.7 points from the same period of 2016. The twelve months ended December 31, 2017, included \$18.5 million of favorable development on prior year loss and LAE reserves compared with \$24.0 million of favorable development on prior year loss and LAE reserves in 2016. Excluding the effect of development from both periods, the statutory combined ratio decreased by 2.0 points for the twelve months ended December 31, 2017, compared with 2016.

The GAAP combined ratio for the twelve months ended December 31, 2017, decreased by 1.5 points compared with the same period of 2016. Excluding the effect of development from both periods, the GAAP combined ratio decreased

by 1.9 points for the twelve months ended December 31, 2017, compared with 2016.

Losses from catastrophes totaled \$17.4 million during 2017, compared with \$6.9 million in 2016.

The 1.9 points decline in the Personal Auto combined ratio for the twelve months ended December 31, 2017, was primarily due to improving loss cost trends during 2017 in both Florida and California resulting in lower loss ratios in these states.

The 0.5 point decline in the Commercial Auto product combined ratio during the twelve months ended December 31, 2017, was primarily due to an improvement in the underwriting expense ratio as a result of lower average commission ratios.

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## 2016 compared to 2015

The statutory combined ratio for the twelve months ended December 31, 2016, increased by 1.2 points from the same period of 2015. The twelve months ended December 31, 2016, included \$24.0 million of favorable development on prior year loss and LAE reserves compared with \$28.9 million of favorable development on prior year loss and LAE reserves in 2015. Excluding the effect of development from both periods, the statutory combined ratio increased by 0.8 point for the twelve months ended December 31, 2016, compared with 2015.

The GAAP combined ratio for the twelve months ended December 31, 2016, increased by 1.1 points compared with the same period of 2015. Excluding the effect of development from both periods, the GAAP combined ratio increased by 0.7 point for the twelve months ended December 31, 2016, compared with 2015.

Losses from catastrophes totaled \$6.9 million during 2016, compared with \$1.8 million in 2015.

The 1.3 points increase in the Personal Auto combined ratio for the twelve months ended December 31, 2016, was primarily due to a deterioration in the California calendar year loss and LAE ratio as a result of increases in severity estimates in the material damage and bodily injury coverages from accident year 2015.

The 2.8 points decline in the Commercial Auto product combined ratio during the twelve months ended December 31, 2016, was due to an improvement in the current accident year loss and LAE ratio primarily due to an increase in average earned premium.

## Installment and Other Fee Income

(\$ in thousands)	Twelve months ended December 31,		
	2017	2016	2015
Installment and other fee income	\$ 105,764	\$ 107,361	\$ 96,753

The decrease in installment and other fee income charged to policyholders during 2017 was primarily related to a decrease in processing and late fees as a result of a reduction in business in California partially offset by increases in installment and policy fees. The increase in installment and other fee income charged to policyholders during 2016 was primarily related to an increase in processing fees.

## Net Investment Income

Investment income primarily includes gross investment revenue net of investment management fees and any changes reflect fluctuations in market rates and average invested assets as shown in the following table (\$ in thousands):

	Twelve months ended December 31,		
	2017	2016	2015
Gross investment income:			
Interest income on fixed maturities, cash and cash equivalents	\$37,301	\$35,528	\$36,871
Dividends on equity securities	2,174	2,231	2,194
Gross investment income	39,476	37,759	39,065
Investment expenses	(2,213 )	(2,222 )	(2,265 )
Net investment income	\$37,262	\$35,537	\$36,800
Average investment balance, at cost	\$1,549,325	\$1,510,122	\$1,555,808
Annualized returns excluding realized gains and losses	2.4 %	2.4 %	2.4 %
Annualized returns including realized gains and losses	2.5 %	2.6 %	2.5 %

Pre-tax net investment income increased from \$35.5 million in 2016 to \$37.3 million in 2017 primarily due to an increase in make whole interest and bond issuer tender offers during 2017 totaling \$1.0 million and an increase in interest income on cash equivalents due to an increase in yield.

Pre-tax net investment income declined from \$36.8 million in 2015 to \$35.5 million in 2016 primarily due to a decline of \$0.9

million in make whole proceeds and a decrease in book yield caused by continued low reinvestment yields.



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## INFINITY PROPERTY AND CASUALTY CORPORATION 10-K

## Management's Discussion and Analysis of Financial Condition and Results of Operations

## Net Realized Gains on Investments

We recorded net realized gains on sales and impairments for unrealized losses deemed other-than-temporary as follows (before tax, \$ in thousands):

	Net Realized (Losses) Gains on Sales	Net Impairment Losses Recognized in Earnings	Total Net Realized (Losses) Gains on Investments
Twelve months ended December 31, 2017			
Fixed maturities	\$ (160 )	\$ (3,116 )	\$ (3,276 )
Equity securities	5,501	0	5,501
Short-term investments	1	(7 )	(5 )
Total	\$ 5,343	\$ (3,123 )	\$ 2,220
Twelve months ended December 31, 2016			
Fixed maturities	\$ 671	\$ (375 )	\$ 296
Equity securities	2,851	0	2,851
Short-term investments	(3 )	0	(3 )
Total	\$ 3,519	\$ (375 )	\$ 3,145
Twelve months ended December 31, 2015			
Fixed maturities	\$ 2,064	\$ (1,294 )	\$ 770
Equity securities	2,039	0	2,039
Short-term investments	0	0	0
Total	\$ 4,102	\$ (1,294 )	\$ 2,809

For our securities held with unrealized losses, we believe, based on our analysis, that (i) we will recover our cost basis in these securities; and (ii) we do not intend to sell the securities nor is it more likely than not that there will be a requirement to sell the securities before they recover in value. Should either of these beliefs change with regard to a particular security, a charge for impairment would likely be required. While it is not possible to predict accurately if or when a specific security will become impaired, charges for other-than-temporary impairments could be material to results of operations in a future period.

Of the \$3.1 million impairments recorded during 2017, \$3.0 million were recorded during the fourth quarter as a result of our upcoming transition to a new investment policy statement and the related repositioning of our portfolio. These securities, impaired as we have an intent to sell, are expected to be sold between February and May 2018. We also intend to sell other securities that are currently in unrealized gain positions. The overall impact to the portfolio based on current market values, after security sales during the first and second quarters of 2018, is expected to be immaterial. The actual impact could be different as market values fluctuate over the transition period.

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## INFINITY PROPERTY AND CASUALTY CORPORATION 10-K

## Management's Discussion and Analysis of Financial Condition and Results of Operations

## Other Income

	Twelve months ended December 31,		
(\$ in thousands)	2017	2016	2015
Other income	\$ 1,404	\$ 1,000	\$ 1,106

Other income was primarily comprised of commission from the sales of third party insurance policies and items of a non-recurring nature. Other income for the year ended December 31, 2017, increased \$0.4 million primarily as a result of a growth in the sales of these policies.

## Interest Expense

	Twelve months ended December 31,		
(\$ in thousands)	2017	2016	2015
5.0% Senior Notes	\$ 13,750	\$ 13,750	\$ 13,750
Amortization of debt issuance costs	218	208	197
Capital leases	75	80	81
Total	\$ 14,043	\$ 14,037	\$ 14,029

At December 31, 2017, we had \$275 million principal outstanding of senior notes. These notes carry a coupon rate of 5.0% and require no principal payment until maturity in September 2022. Refer to Note 4 – Long-Term Debt to the Consolidated Financial Statements for additional information on the 5.0% Senior Notes.

## Corporate General and Administrative Expenses

	Twelve months ended December 31,		
(\$ in thousands)	2017	2016	2015
Corporate general and administrative expenses	\$ 9,769	\$ 7,899	\$ 7,655

Corporate general and administrative expenses are comprised of expenses of the holding company, including board of directors' fees, directors and officers insurance and a portion of the salaries and benefits of senior executives. The increase in expense during 2017 is primarily related to performance share expense following improvement in underlying results.

## Other Expenses

	Twelve months ended December 31,		
(\$ in thousands)	2017	2016	2015
Loss on disposal of assets	\$ 55	\$ 568	\$ 265
Corporate litigation expense	902	318	299
Lease related expenses	(83 )	17	979
Loss on impairment of property	0	0	909
Other	1,595	833	844
Total	\$ 2,470	\$ 1,736	\$ 3,296

Other expenses for the twelve months ended December 31, 2017, increased primarily due an increase in litigation expense.

Other expenses for the twelve months ended December 31, 2016, decreased primarily due to losses in 2015 on subleases related to the closure of offices in Georgia, Nevada and Pennsylvania as well as a partial lease buyout on our existing corporate headquarters. In addition, we incurred an impairment to bring the book values of two properties down to the appraised value after the demolition of buildings that were on the premises at the time of purchase.



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## INFINITY PROPERTY AND CASUALTY CORPORATION 10-K

## Management's Discussion and Analysis of Financial Condition and Results of Operations

## Income Taxes

The following table reconciles our U.S. statutory rate and effective tax rate for the periods ended December 31, 2017, 2016 and 2015:

	Twelve months ended December 31,					
	2017		2016		2015	
U.S. Statutory tax rate	35.0	%	35.0	%	35.0	%
Adjustments:						
Dividends-received deduction	(0.6)	)%	(0.7)	)%	(0.6)	)%
Tax-exempt interest	(3.0)	)%	(4.0)	)%	(3.6)	)%
Other	(0.2)	)%	0.4	%	0.4	%
Deferred tax rate adjustment	12.6	%	0.0	%	0.0	%
Effective tax rate	43.8	%	30.7	%	31.2	%

The GAAP effective tax rate increased in 2017 primarily as a result of the inclusion of the adjustment to net deferred taxes in the Provision for income taxes relating to the reduction in the enacted corporate tax rate under the Tax Cuts and Jobs Act from 35% to 21% and an increase in pre-tax income. The GAAP effective tax rate decreased in 2016 primarily as a result of a more significant impact from tax-exempt interest and the dividends-received deduction due to lower pre-tax income. Refer to Note 5 – Income Taxes to the Consolidated Financial Statements for additional information on income taxes.

## ITEM 7A

## Quantitative and Qualitative Disclosures about Market Risk

The information required by Item 7A is included under the caption Exposure to Market Risk in Management's Discussion and Analysis of Financial Condition and Results of Operations.

## ITEM 8

## Financial Statements and Supplementary Data

Infinity Property and Casualty Corporation and Subsidiaries:

<u>Report of Independent Registered Public Accounting Firm</u>	<u>33</u>
<u>Consolidated Statements of Earnings: Years ended December 31, 2017, 2016 and 2015</u>	<u>34</u>
<u>Consolidated Statements of Comprehensive Income: Years ended December 31, 2017, 2016 and 2015</u>	<u>35</u>
<u>Consolidated Balance Sheets: December 31, 2017 and 2016</u>	<u>36</u>
<u>Consolidated Statements of Changes in Shareholders' Equity: Years ended December 31, 2017, 2016 and 2015</u>	<u>37</u>
<u>Consolidated Statements of Cash Flows: Years ended December 31, 2017, 2016 and 2015</u>	<u>38</u>
<u>Notes to Consolidated Financial Statements</u>	<u>39</u>

## ITEM 9

Changes in and Disagreements with Accountants on Accounting and Financial Disclosure

None.

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INFINITY PROPERTY AND CASUALTY CORPORATION 10-K

ITEM 9A

Controls and Procedures

Evaluation of Disclosure Controls and Procedures

We carried out an evaluation, under the supervision and with the participation of the Company's management, including its principal executive officer and principal financial officer, of the effectiveness of our disclosure controls and procedures (as defined in Securities Exchange Act Rules 13a-15(e) and 15d-15(e)) as of December 31, 2017. Based on that evaluation, we concluded that the controls and procedures are effective in providing reasonable assurance that material information required to be disclosed in our reports filed with or submitted to the Securities and Exchange Commission (SEC) under the Securities Exchange Act is recorded, processed, summarized and reported within the time periods specified in the SEC rules and forms and that such information is accumulated and communicated to our management, including the principal executive officer and principal financial officer, as appropriate.

Management's Report on Internal Control over Financial Reporting

Our management is responsible for establishing and maintaining adequate internal control over financial reporting, as such term is defined in Securities Exchange Act Rules 13a-15(f) and 15d-15(f). Under the supervision and with the participation of the Company's management, including its principal executive officer and principal financial officer, we conducted an evaluation of the effectiveness of our internal control over financial reporting as of December 31, 2017, based on the framework in the 2013 edition of the Internal Control - Integrated Framework issued by the Committee of Sponsoring Organizations of the Treadway Commission. Based on our evaluation, we concluded that our internal control over financial reporting was effective as of December 31, 2017.

Ernst & Young LLP, the independent registered public accounting firm that audited our consolidated financial statements contained in this Annual Report on Form 10-K, has issued an attestation report on the effectiveness of our internal control over financial reporting as of December 31, 2017, which is included herein.

Because of our inherent limitations, a system of internal control over financial reporting can provide only reasonable assurance and may not prevent or detect misstatements. Further, because of changes in conditions, effectiveness of internal controls over financial reporting may vary over time. Our system contains self-monitoring mechanisms, and we take actions to correct deficiencies as we identify them.

Changes in Internal Control over Financial Reporting

During the fiscal quarter ended December 31, 2017, there have been no changes to our internal control over financial reporting that have materially affected, or are reasonably likely to materially affect our internal control over financial reporting.

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INFINITY PROPERTY AND CASUALTY CORPORATION 10-K

Report of Independent Registered Public Accounting Firm on  
Internal Control over Financial Reporting

The Shareholders and Board of Directors  
Infinity Property and Casualty Corporation and Subsidiaries

Opinion on Internal Control over Financial Reporting

We have audited Infinity Property and Casualty Corporation and subsidiaries' internal control over financial reporting as of December 31, 2017, based on criteria established in Internal Control-Integrated Framework issued by the Committee of Sponsoring Organizations of the Treadway Commission (2013 framework) (the COSO criteria). In our opinion, Infinity Property and Casualty and subsidiaries (the Company) maintained, in all material respects, effective internal control over financial reporting as of December 31, 2017, based on the COSO criteria.

We also have audited, in accordance with the standards of the Public Company Accounting Oversight Board (United States) (PCAOB), the consolidated balance sheets, the related consolidated statements of income, comprehensive income, shareholders' equity and cash flows for each of the three years in the period ended December 31, 2017, and the related notes and financial statement schedules listed in the Index at Item 15(a) (collectively referred to as the "financial statements") of the Infinity Property and Casualty Corporation and our report dated February 15, 2018 expressed an unqualified opinion thereon.

Basis for Opinion

The Company's management is responsible for maintaining effective internal control over financial reporting and for its assessment of the effectiveness of internal control over financial reporting included in the accompanying Form 10-K. Our responsibility is to express an opinion on the Company's internal control over financial reporting based on our audit. We are a public accounting firm registered with the PCAOB and are required to be independent with respect to the Company in accordance with the U.S. federal securities laws and the applicable rules and regulations of the Securities and Exchange Commission and the PCAOB.

We conducted our audit in accordance with the standards of the PCAOB. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether effective internal control over financial reporting was maintained in all material respects. Our audit included obtaining an understanding of internal control over financial reporting, assessing the risk that a material weakness exists, testing and evaluating the design and operating effectiveness of internal control based on the assessed risk, and performing such other procedures as we considered necessary in the circumstances. We believe that our audit provides a reasonable basis for our opinion.

Definition and Limitations of Internal Control Over Financial Reporting

A company's internal control over financial reporting is a process designed to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles. A company's internal control over financial reporting includes those policies and procedures that (1) pertain to the maintenance of records that, in reasonable detail, accurately and fairly reflect the transactions and dispositions of the assets of the company; (2) provide reasonable assurance that transactions are recorded as necessary to permit preparation of financial statements in accordance with generally accepted accounting principles, and that receipts and expenditures of the company are being made only in accordance with authorizations of management and directors of the company; and (3) provide reasonable assurance regarding prevention or timely detection of unauthorized acquisition, use, or disposition of the company's assets that could have a material effect on the financial statements.

Because of its inherent limitations, internal control over financial reporting may not prevent or detect misstatements. Also, projections of any evaluation of effectiveness to future periods are subject to the risk that controls may become inadequate because of changes in conditions, or that the degree of compliance with the policies or procedures may deteriorate.

/S/ ERNST & YOUNG LLP

Birmingham, Alabama  
February 15, 2018

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INFINITY PROPERTY AND CASUALTY CORPORATION 10-K

ITEM 9B

Other Information

None.

PART III

ITEM 10

Directors, Executive Officers and Corporate Governance

We make available free of charge within the Investor Relations section of our website at [www.infinityauto.com](http://www.infinityauto.com), our Corporate Governance Guidelines, the Charter of each standing committee of the Board of Directors, and the Code of Ethics adopted by the Board and applicable to all of our directors, officers and employees. Requests for copies may be directed to our Corporate Secretary at Infinity Property and Casualty Corporation, 2201 4th Avenue North, Birmingham, Alabama 35203. We intend to disclose any amendments to the Code of Ethics, and any waiver from a provision of the Code of Ethics granted to our principal executive officer or principal financial officer, on our website following such amendment or waiver. We may disclose any such amendment or waiver in a report on Form 8-K filed with the SEC either in addition to or in lieu of the website disclosure. The information contained on or connected to our website is not incorporated by reference into this Form 10-K and should not be considered part of this or any other report that we file with or furnish to the SEC.

The information required by this Item 10 regarding Directors, Executive Officers, Promoters and Control Persons; Compliance with Section 16(a) of the Exchange Act of 1934; and Corporate Governance is incorporated by reference from our Proxy Statement for the 2018 Annual Meeting of Shareholders to be held on May 22, 2018.

ITEM 11

Executive Compensation

Incorporated by reference from our Proxy Statement for the 2018 Annual Meeting of Shareholders to be held on May 22, 2018.

ITEM 12

Security Ownership of Certain Beneficial Owners and Management and Related Stockholder Matters

Incorporated by reference from our Proxy Statement for the 2018 Annual Meeting of Shareholders to be held on May 22, 2018.

ITEM 13

Certain Relationships and Related Transactions, and Director Independence

Incorporated by reference from our Proxy Statement for the 2018 Annual Meeting of Shareholders to be held on May 22, 2018.

ITEM 14

Principal Accountant Fees and Services

Incorporated by reference from our Proxy Statement for the 2018 Annual Meeting of Shareholders to be held on May 22, 2018.

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INFINITY PROPERTY AND CASUALTY CORPORATION 10-K

INFINITY PROPERTY AND CASUALTY CORPORATION AND SUBSIDIARIES  
REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

The Shareholders and Board of Directors  
Infinity Property and Casualty Corporation and Subsidiaries

Opinion on the Financial Statements

We have audited the accompanying consolidated balance sheets of Infinity Property and Casualty Corporation and subsidiaries (the Company) as of December 31, 2017 and 2016, the related consolidated statements of income, comprehensive income, shareholders' equity and cash flows for each of the three years in the period ended December 31, 2017, and the related notes and financial statement schedules listed in the Index at Item 15(a) (collectively referred to as the "financial statements"). In our opinion, the financial statements present fairly, in all material respects, the consolidated financial position of the Company at December 31, 2017 and 2016, and the consolidated results of its operations and its cash flows for each of the three years in the period ended December 31, 2017, in conformity with U.S. generally accepted accounting principles.

We also have audited, in accordance with the standards of the Public Company Accounting Oversight Board (United States) (PCAOB), the Company's internal control over financial reporting as of December 31, 2017, based on criteria established in Internal Control-Integrated Framework issued by the Committee of Sponsoring Organizations of the Treadway Commission (2013 framework), and our report dated February 15, 2018 expressed an unqualified opinion thereon.

Basis for Opinion

These financial statements are the responsibility of the Company's management. Our responsibility is to express an opinion on the Company's financial statements based on our audits. We are a public accounting firm registered with the PCAOB and are required to be independent with respect to the Company in accordance with the U.S. federal securities laws and the applicable rules and regulations of the Securities and Exchange Commission and the PCAOB. We conducted our audits in accordance with the standards of the PCAOB. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement, whether due to error or fraud. Our audits included performing procedures to assess the risks of material misstatement of the financial statements, whether due to error or fraud, and performing procedures that respond to those risks. Such procedures included examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements. Our audits also included evaluating the accounting principles used and significant estimates made by management, as well as evaluating the overall presentation of the financial statements. We believe that our audits provide a reasonable basis for our opinion.

We have served as the Company's auditor since 2002.

/S/ ERNST & YOUNG LLP

Birmingham, Alabama

February 15, 2018

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## INFINITY PROPERTY AND CASUALTY CORPORATION 10-K

INFINITY PROPERTY AND CASUALTY CORPORATION AND SUBSIDIARIES  
CONSOLIDATED STATEMENTS OF EARNINGS

(in thousands, except per share data)

	Twelve months ended December 31,					
	2017	2016	% Change		2015	% Change
<b>Revenues:</b>						
Earned premium	\$1,371,336	\$1,391,664	(1.5 )%		\$1,346,564	3.3 %
Installment and other fee income	105,764	107,361	(1.5 )%		96,753	11.0 %
Net investment income	37,262	35,537	4.9 %		36,800	(3.4 )%
Net realized gains on investments <sup>(1)</sup>	2,220	3,145	(29.4 )%		2,809	12.0 %
Other income	1,404	1,000	40.4 %		1,106	(9.6 )%
Total revenues	1,517,987	1,538,706	(1.3 )%		1,484,032	3.7 %
<b>Costs and Expenses:</b>						
Losses and loss adjustment expenses	1,053,697	1,096,755	(3.9 )%		1,036,001	5.9 %
Commissions and other underwriting expenses	357,281	356,148	0.3 %		348,219	2.3 %
Interest expense	14,043	14,037	0.0 %		14,029	0.1 %
Corporate general and administrative expenses	9,769	7,899	23.7 %		7,655	3.2 %
Other expenses	2,470	1,736	42.3 %		3,296	(47.3 )%
Total costs and expenses	1,437,260	1,476,575	(2.7 )%		1,409,200	4.8 %
Earnings before income taxes	80,727	62,132	29.9 %		74,832	(17.0 )%
Provision for income taxes	35,343	19,047	85.6 %		23,351	(18.4 )%
Net Earnings	\$45,384	\$43,085	5.3 %		\$51,481	(16.3 )%
<b>Net Earnings per Common Share:</b>						
Basic	\$4.13	\$3.91	5.6 %		\$4.54	(13.9 )%
Diluted	4.10	3.88	5.7 %		4.51	(14.0 )%
<b>Average Number of Common Shares:</b>						
Basic	10,984	11,018	(0.3 )%		11,334	(2.8 )%
Diluted	11,067	11,101	(0.3 )%		11,417	(2.8 )%
Cash Dividends per Common Share	\$2.32	\$2.08	11.5 %		\$1.72	20.9 %
<sup>(1)</sup> Net realized gains on sales	\$5,343	\$3,519	51.8 %		\$4,102	(14.2 )%
Total other-than-temporary impairment (OTTI) losses	(2,912 )	(375 )	677.5 %		(1,294 )	(71.1 )%
Non-credit portion in other comprehensive income	88	0	NM		0	0.0 %
OTTI losses reclassified from other comprehensive income	(299 )	0	NM		0	0.0 %
Net impairment losses recognized in earnings	(3,123 )	(375 )	733.8 %		(1,294 )	(71.1 )%
Total net realized gains on investments	\$2,220	\$3,145	(29.4 )%		\$2,809	12.0 %

NM = Not Meaningful

See Notes to Consolidated Financial Statements.

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## INFINITY PROPERTY AND CASUALTY CORPORATION 10-K

INFINITY PROPERTY AND CASUALTY CORPORATION AND SUBSIDIARIES  
CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME

(\$ in thousands)

	Twelve months ended December 31,		
	2017	2016	2015
Net earnings	\$45,384	\$43,085	\$51,481
Other comprehensive income before tax:			
Net change in post-retirement benefit liability	(204 )	88	771
Unrealized gains (losses) on investments:			
Unrealized holding gains (losses) arising during the period	19,509	3,205	(22,091 )
Less: Reclassification adjustments for gains included in net earnings	(2,220 )	(3,145 )	(2,809 )
Unrealized gains (losses) on investments, net	17,288	61	(24,900 )
Other comprehensive income (loss), before tax	17,085	149	(24,129 )
Income tax (expense) benefit related to components of other comprehensive income	(5,236 )	(52 )	8,445
Other comprehensive income (loss), net of tax	11,848	97	(15,684 )
Comprehensive income	\$57,232	\$43,182	\$35,797

See Notes to Consolidated Financial Statements.



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## INFINITY PROPERTY AND CASUALTY CORPORATION 10-K

INFINITY PROPERTY AND CASUALTY CORPORATION AND SUBSIDIARIES  
CONSOLIDATED BALANCE SHEETS

(in thousands, except share amounts in line descriptions)

	December 31,	
	2017	2016
Assets		
Investments:		
Fixed maturities – at fair value (amortized cost \$1,439,878 and \$1,392,660)	\$1,441,107	\$1,390,167
Equity securities – at fair value (cost \$68,812 and \$77,013)	96,004	90,640
Short-term investments – at fair value (amortized cost \$2,541 and \$2,909)	2,541	2,907
Total investments	1,539,653	1,483,714
Cash and cash equivalents	107,589	92,800
Accrued investment income	13,079	12,485
Agents' balances and premium receivable, net of allowances for doubtful accounts of \$15,262 and \$14,207	508,078	495,157
Property and equipment, net of accumulated depreciation of \$84,776 and \$70,559	82,453	96,166
Prepaid reinsurance premium	1,032	3,410
Recoverables from reinsurers (includes \$(1,269) and \$121 on paid losses and LAE)	30,340	17,251
Deferred policy acquisition costs	88,300	91,136
Current and deferred income taxes	9,355	21,635
Receivable for securities sold	1,700	795
Other assets	16,557	12,777
Goodwill	75,275	75,275
Total assets	\$2,473,411	\$2,402,601
Liabilities and Shareholders' Equity		
Liabilities:		
Unpaid losses and loss adjustment expenses	\$715,098	\$685,455
Unearned premium	627,575	614,347
Long-term debt (fair value \$290,824 and \$278,726)	273,809	273,591
Commissions payable	16,743	16,176
Payable for securities purchased	5,615	13,922
Other liabilities	114,289	99,924
Total liabilities	1,753,130	1,703,414
Commitments and contingencies (See Note 14)		
Shareholders' equity:		
Common stock, no par value (50,000,000 shares authorized; 21,867,436 and 21,809,954 shares issued)	\$21,888	\$21,829
Additional paid-in capital	383,567	378,745
Retained earnings	797,546	777,695
Accumulated other comprehensive income, net of tax	19,756	7,907
Treasury stock, at cost (10,932,539 and 10,766,211 shares)	(502,475 )	(486,990 )
Total shareholders' equity	720,281	699,187
Total liabilities and shareholders' equity	\$2,473,411	\$2,402,601
See <u>Notes to Consolidated Financial Statements</u> .		



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## INFINITY PROPERTY AND CASUALTY CORPORATION 10-K

INFINITY PROPERTY AND CASUALTY CORPORATION AND SUBSIDIARIES  
CONSOLIDATED STATEMENTS OF CHANGES IN SHAREHOLDERS' EQUITY  
(\$ in thousands)

	Common Stock	Additional Paid-in Capital	Retained Earnings	Accumulated Other Comprehensive Income, Net of Tax	Treasury Stock	Total
Balance at January 1, 2015	\$ 21,745	\$ 372,368	\$ 725,651	\$ 23,494	\$(445,599)	\$ 697,659
Net earnings	—	—	51,481	—	—	51,481
Net change in post-retirement benefit liability	—	—	—	501	—	501
Change in unrealized gain on investments	—	—	—	(16,795)	) —	(16,795 )
Change in non-credit component of impairment losses on fixed maturities	—	—	—	610	—	610
Comprehensive income						35,797
Dividends paid to common shareholders	—	—	(19,528)	) —	—	(19,528 )
Shares issued and share-based compensation expense, including tax benefit	49	3,658	—	—	—	3,706
Acquisition of treasury stock	—	—	—	—	(30,040)	(30,040 )
Balance at December 31, 2015	\$ 21,794	\$ 376,025	\$ 757,604	\$ 7,811	\$(475,638)	\$ 687,595
Net earnings	—	—	43,085	—	—	43,085
Net change in post-retirement benefit liability	—	—	—	57	—	57
Change in unrealized gain on investments	—	—	—	(238)	) —	(238 )
Change in non-credit component of impairment losses on fixed maturities	—	—	—	277	—	277
Comprehensive income						43,182
Dividends paid to common shareholders	—	—	(22,993)	) —	—	(22,993 )
Shares issued and share-based compensation expense, including tax benefit	35	2,720	—	—	—	2,755
Acquisition of treasury stock	—	—	—	—	(11,352)	(11,352 )
Balance at December 31, 2016	\$ 21,829	\$ 378,745	\$ 777,695	\$ 7,907	\$(486,990)	\$ 699,187
Net earnings	—	—	45,384	—	—	45,384
Net change in post-retirement benefit liability	—	—	—	(133)	) —	(133 )
Change in unrealized gain on investments	—	—	—	11,653	—	11,653
Change in non-credit component of impairment losses on fixed maturities	—	—	—	327	—	327
Comprehensive income						57,232
Dividends paid to common shareholders	—	—	(25,533)	) —	—	(25,533 )
Shares issued and share-based compensation expense	59	4,822	—	—	—	4,880
Acquisition of treasury stock	—	—	—	—	(15,485)	(15,485 )
Balance at December 31, 2017	\$ 21,888	\$ 383,567	\$ 797,546	\$ 19,756	\$(502,475)	\$ 720,281

See Notes to Consolidated Financial Statements.

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## INFINITY PROPERTY AND CASUALTY CORPORATION 10-K

INFINITY PROPERTY AND CASUALTY CORPORATION AND SUBSIDIARIES  
CONSOLIDATED STATEMENTS OF CASH FLOWS  
(\$ in thousands)

	Twelve months ended		
	December 31,		
	2017	2016	2015
Operating Activities:			
Net earnings	\$45,384	\$43,085	\$51,481
Adjustments:			
Depreciation	16,274	14,642	12,299
Amortization	21,454	20,401	22,411
Net realized gains on investments	(2,220 )	(3,145 )	(2,809 )
Loss on disposal of property and equipment	49	566	1,174
Share-based compensation expense	4,596	2,342	3,149
Excess tax benefits from share-based payment arrangements	0	157	298
Activity related to rabbi trust	228	77	(49 )
Change in accrued investment income	(594 )	(240 )	732
Change in agents' balances and premium receivable	(12,920 )	16,385	(27,904 )
Change in reinsurance receivables	(10,711 )	(220 )	(1,101 )
Change in deferred policy acquisition costs	2,836	2,021	(2,728 )
Change in other assets	3,878	9,797	(6,200 )
Change in unpaid losses and loss adjustment expenses	29,644	15,490	1,787
Change in unearned premium	13,228	(2,301 )	27,389
Change in other liabilities	14,836	(13,678 )	(7,122 )
Net cash provided by operating activities	125,961	105,380	72,805
Investing Activities:			
Purchases of fixed maturities	(490,728 )	(479,050)	(523,502)
Purchases of equity securities	(1,900 )	(7,591 )	(7,000 )
Purchases of short-term investments	(3,019 )	(9,882 )	(8,413 )
Purchases of property and equipment	(4,564 )	(21,668 )	(47,300 )
Maturities and redemptions of fixed maturities	218,595	163,755	198,050
Maturities and redemptions of short-term investments	925	2,270	1,285
Proceeds from sale of fixed maturities	192,408	290,866	329,688
Proceeds from sale of equity securities	16,010	12,185	8,489
Proceeds from sale of short-term investments	2,400	9,258	3,086
Proceeds from sale of property and equipment	25	2	0
Net cash used in investing activities	(69,849 )	(39,855 )	(45,617 )
Financing Activities:			
Proceeds from stock options exercised and employee stock purchases	285	256	259
Principal payments under capital lease obligations	(540 )	(517 )	(497 )
Acquisition of treasury stock	(15,535 )	(11,953 )	(29,481 )
Dividends paid to shareholders	(25,533 )	(22,993 )	(19,528 )
Net cash used in financing activities	(41,323 )	(35,208 )	(49,246 )
Net increase (decrease) in cash and cash equivalents	14,789	30,317	(22,058 )
Cash and cash equivalents at beginning of period	92,800	62,483	84,541
Cash and cash equivalents at end of period	\$107,589	\$92,800	\$62,483
See <u>Notes to Consolidated Financial Statements</u> .			



INFINITY PROPERTY AND CASUALTY CORPORATION AND SUBSIDIARIES  
 NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

December 31, 2017

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Note 1 Significant Reporting and Accounting Policies

Nature of Operations

We write personal auto insurance with a concentration on nonstandard auto insurance, commercial auto insurance and classic collector auto insurance. Personal auto insurance accounts for 87% of our total gross written premium and we primarily write it in four states. We wrote approximately 53% of our personal auto gross written premium in the state of California during 2017.

Basis of Consolidation and Reporting

The accompanying consolidated financial statements include our accounts and those of our subsidiaries. These financial statements reflect certain adjustments necessary for a fair presentation of our results of operations and financial position. Such adjustments consist of normal, recurring accruals recorded to accurately match expenses with their related revenue streams and the elimination of all significant intercompany transactions and balances.

We have evaluated events that occurred after December 31, 2017, for recognition or disclosure in our financial statements and the notes to the financial statements.

Schedules may not foot due to rounding.

Estimates

The preparation of the financial statements in conformity with generally accepted accounting principles of the United States requires us to make estimates and assumptions that affect the amounts reported in the financial statements and accompanying notes. Changes in circumstances could cause actual results to differ materially from those estimates.

Investments

We consider all fixed maturity and equity securities “available for sale” and report them at fair value with net unrealized gains or losses reported after-tax (net of any valuation allowance) as a component of accumulated other comprehensive income within shareholders' equity. We base the fair values of investments on prices quoted in the most active market for each security. If quoted prices are not available, we estimate fair value based on the fair value of comparable securities, discounted cash flow models or similar methods. We treat premium and discounts on mortgage-backed securities (MBS) and asset-backed securities (ABS) as a yield adjustment over the estimated life of the securities, adjusted for anticipated prepayments, using the interest method. We base prepayment assumptions on data from widely accepted third party data sources or internal estimates. We review the amortized cost and effective yield of the security periodically and adjust it to reflect actual prepayments and changes in expectations. For high credit quality MBS and ABS (those rated AA or above at the time of purchase), the adjustments to amortized cost are recorded as a charge or credit to net investment income in accordance with the retrospective method. For MBS and ABS rated below AA, we adjust the yield prospectively for any changes in estimated cash flows.

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INFINITY PROPERTY AND CASUALTY CORPORATION AND SUBSIDIARIES

Notes to Consolidated Financial Statements

Gains or losses on securities are determined on the specific identification basis. When we consider impairment in the value of a specific investment other-than-temporary (OTTI), the cost basis of that investment is reduced. For fixed maturity securities that are OTTI, we assess our intent to sell and the likelihood that we will be required to sell the security before recovery of our amortized cost. If a fixed maturity security is considered OTTI, but we do not intend to and are not more than likely to be required to sell the security prior to its recovery to amortized cost, the amount of the impairment is separated into a credit loss component and the amount due to all other factors. The excess of the amortized cost over the present value of the expected cash flows determines the credit loss component of an impairment charge on a fixed maturity security. The present value is determined using the best estimate of cash flows discounted at (i) the effective interest rate implicit at the date of acquisition for non-structured securities; or (ii) the book yield for structured securities. The techniques and assumptions for determining the best estimate of cash flows vary depending on the type of security. We recognize the credit loss component of an impairment charge in net earnings and the non-credit component in accumulated other comprehensive income.

Securities having a fair value of approximately \$19.8 million at December 31, 2017, were on deposit as required by regulatory authorities.

Cash and Cash Equivalents

We consider liquid investments having original maturities of three months or less when purchased to be cash equivalents for purposes of the financial statements.

Reinsurance

Our insurance subsidiaries cede insurance to other companies. To the extent that any reinsuring companies are unable to meet obligations under agreements covering reinsurance ceded, our insurance subsidiaries would remain liable. We estimate amounts recoverable from reinsurers in a manner consistent with the claim liability associated with the reinsured policies. Our insurance subsidiaries report as assets (i) the estimated reinsurance recoverable on unpaid losses; and (ii) amounts paid to reinsurers applicable to the unexpired terms of policies in force.

Advertising

Advertising costs are charged to expense as incurred. Total advertising costs were \$11.1 million, \$9.7 million and \$9.1 million for the years ended December 31, 2017, 2016 and 2015, respectively.

Deferred Policy Acquisition Costs (DPAC)

Policy acquisition costs (principally commissions, premium taxes and other marketing and underwriting expenses) related to the successful production of premium writings are deferred and charged against income ratably over the terms of the related policies. The method followed in computing DPAC limits the amount of such costs to their estimated realizable value without any consideration for anticipated investment income. Each quarter, we evaluate the recoverability of these costs. The DPAC amortization expense recognized in the Consolidated Statements of Earnings during 2017, 2016 and 2015 was \$200.7 million, \$207.1 million and \$203.7 million, respectively.

Goodwill

In accordance with the Goodwill topic of the FASB Accounting Standards Codification (FASC), we perform impairment test procedures for goodwill on an annual basis. These procedures require us to calculate the fair value of goodwill, compare the result to our carrying value and record the amount of any shortfall as an impairment charge. We performed this test as of October 1, 2017, using a variety of methods, including estimates of future discounted cash flows and comparisons of our market value to that of our major competitors. Our cash flow projections rely on assumptions that are subject to uncertainty, including premium growth, loss and loss adjustment expense ratios, interest rates and capital requirements.

The October 1, 2017, test results indicated that the fair value of our goodwill exceeded our carrying value and therefore no impairment charge was required at that date. Additionally, there was no indication of impairment at December 31, 2017.





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## INFINITY PROPERTY AND CASUALTY CORPORATION AND SUBSIDIARIES

## Notes to Consolidated Financial Statements

## Unpaid Losses and Loss Adjustment Expenses (LAE)

The net liabilities stated for unpaid claims and for expenses of investigation and adjustment of unpaid claims are based upon (i) the accumulation of case estimates for losses reported prior to the close of the accounting period on direct business written; (ii) estimates received from ceding reinsurers and insurance pools and associations; (iii) estimates of unreported losses based on past experience; (iv) estimates based on experience of expenses for investigating and adjusting claims; and (v) the current state of the law and coverage litigation. These liabilities are subject to the impact of changes in claim amounts and frequency and other factors. We have not reduced liabilities for unpaid losses and LAE for reinsurance recoverables; such recoverables are recorded separately as assets. Changes in estimates of the liabilities for losses and LAE are reflected in the Consolidated Statements of Earnings in the period in which determined. In spite of the variability inherent in such estimates, we believe that the liabilities for unpaid losses and LAE are adequate.

## Premium and Receivables

We earn insurance premium written over the terms of the policies on a pro rata basis. Unearned premium represents that portion of premium written which is applicable to the unexpired terms of policies in force. On reinsurance assumed from other insurance companies or written through various underwriting organizations, we base unearned premium on reports received from such companies and organizations. We provide insurance and related services to individuals and small commercial accounts throughout the United States and offer a variety of payment plans. We establish an allowance for doubtful accounts based on the relationship, on a policy basis, between receivables and unearned premium, or an aging analysis of past due balances. We charge off premium due from insureds if not collected within 90 days of the policies' expiration or cancellation dates. However, even after we charge off premium, attempts to collect the premium continue.

## Income Taxes

We file a consolidated federal income tax return, which includes all 80% and greater owned U.S. subsidiaries. We and our 80% and greater owned subsidiaries are parties to a tax allocation agreement, which designates how members of the tax group share tax payments. In general, each subsidiary agrees to pay us taxes computed on a separate company taxable income basis. We agree to pay each subsidiary for the tax benefit, if any, of net losses used by other members of the consolidated group.

We calculate deferred income taxes using the "asset and liability method." Under this method, deferred income tax assets and liabilities are determined based on differences between financial reporting and tax basis and are measured using enacted tax rates. We recognize deferred tax assets if it is more likely than not that a benefit will be realized. We aggregate current and deferred tax assets and liabilities on the Consolidated Balance Sheets.

## Property and Equipment

We report property and equipment balances at cost less accumulated depreciation. Property and equipment, which consists of land, buildings, leasehold improvements, computer equipment, capitalized software and furniture and fixtures, consisted of the following balances as of December 31, 2017 (\$ in millions):

	Gross Asset	Accumulated Depreciation	Net Asset
Real estate related	\$69.8	\$ (9.6 )	\$60.2
Computer equipment & software	82.9	(66.9 )	16.0
Furniture & fixtures	14.5	(8.2 )	6.3
Total	\$167.2	\$ (84.8 )	\$82.5

We recognized \$1.5 million, net of accumulated depreciation of \$1.6 million, of equipment held under capital leases in other assets on the Consolidated Balance Sheets with the related lease obligations recorded in other liabilities. We compute depreciation over the estimated useful lives of the assets using the straight-line method. Property and equipment is a separate line item on the Consolidated Balance Sheets and we allocate the related expenses, including amortization of assets recorded under capital leases, to one or more of the following line items on the Consolidated

Statements of Earnings depending on the asset: "Losses and loss adjustment expenses," "Commissions and other underwriting expenses," "Corporate general and administrative expenses" or "Other expenses."

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INFINITY PROPERTY AND CASUALTY CORPORATION AND SUBSIDIARIES

Notes to Consolidated Financial Statements

Benefit Plans

We provide retirement benefits to qualified employees and healthcare and life insurance benefits to eligible retirees. We also provide post-employment benefits to former or inactive employees (primarily those on disability) who were not deemed retired under other company plans. The projected future cost of providing these benefits is expensed over the period the employees earn such benefits.

Recently Adopted Accounting Standards

In March 2016 the FASB issued an ASU related to the accounting for employee share-based payments. The guidance addresses the recognition, presentation and classification of awards, forfeitures and shares withheld for tax purposes.

We adopted the change

to the presentation of excess tax benefits on the consolidated statements of cash flow retrospectively and all other portions of the standard prospectively as of January 1, 2017. We reclassified \$0.2 million and \$0.3 million of excess tax benefits from financing activities to operating activities for the twelve months ended December 31, 2016 and December 31, 2015, respectively. The adoption of this standard did not have a material impact on our financial condition or results of operations.

Recently Issued Accounting Standards

In March 2017 the FASB issued an ASU related to the amortization of premium on purchased callable debt securities.

The guidance

amends the amortization period for certain purchased callable debt securities held at a premium. Securities that contain explicit,

noncontingent call features that are callable at fixed prices and on preset dates should shorten the amortization period for the premium to the earliest call date (and if the call option is not exercised, the effective yield is reset using the payment terms of the

debt security). The standard is effective for fiscal years, and interim periods within those years, beginning after December 15, 2018, and is to be applied on a modified retrospective basis through a cumulative-effect adjustment directly to retained earnings. We do not expect the adoption of this standard to have a material impact on our financial condition or results of operations.

In October 2016 the FASB issued an ASU related to the recognition of income tax on intra-entity transfers of assets other than inventory. The guidance requires the income tax to be recognized when the transfer occurs rather than when the asset is sold to an outside party. The standard is effective for annual periods beginning after December 15, 2017, and interim periods within the year of adoption, and is to be applied on a modified retrospective basis through a cumulative-effect adjustment directly to retained earnings as of the beginning of the period of adoption. We do not expect the adoption of this standard to have a material impact on our financial condition or results of operations.

In June 2016 the FASB issued an ASU related to the accounting for credit losses. The guidance generally requires credit losses on available-for-sale debt securities to be recognized as an allowance rather than as a reduction to the amortized cost of a security. The standard is effective for fiscal periods beginning after December 15, 2019, and interim periods within the year of adoption, with prospective application of the ASU required for debt securities for which an other-than-temporary impairment has been recognized before the implementation date. We do not expect the adoption of this standard to have a material impact on our financial condition or results of operations.

In February 2016 the FASB issued an ASU related to the accounting for leases. The guidance requires lessees to recognize lease assets and liabilities on the balance sheet. The standard is effective for fiscal years beginning after December 15, 2018, and is to

be applied retrospectively, with an option to use a modified retrospective approach for leases which commenced prior to the effective date of this ASU. We do not expect the adoption of this standard to have a material impact on our financial condition or results of operations.

In January 2016 the FASB issued an ASU amending the guidance on classifying and measuring financial instruments. The guidance requires equity securities to be measured at fair value and changes in that fair value to be recognized

through net income. The standard is effective for fiscal years beginning after December 15, 2017, with a cumulative-effect adjustment to the balance sheet as of the beginning of the fiscal year of adoption. We currently record equity securities at fair value and as of December 31, 2017, we have \$17.7 million net unrealized gains, net of tax, recognized as a component of other comprehensive income.

In May 2014 the FASB issued an ASU related to the accounting for revenue from contracts with customers. Insurance contracts have been excluded from the scope of the guidance. In August 2015 the FASB issued an ASU to defer the effective date from fiscal years beginning after December 15, 2016, to fiscal years beginning after December 15, 2017. As an insurance-entity, we are largely exempt from the provisions of this standard, with only fee income subject to this new standard. Processing and policy fees are largely earned at the inception of the policy under current guidance but will be earned over the life of the policy under the new revenue recognition guidance. We will adopt using a full retrospective approach and will record a cumulative-effect adjustment to the balance sheet reducing shareholders' equity by \$4.5 million on January 1, 2018.

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## INFINITY PROPERTY AND CASUALTY CORPORATION AND SUBSIDIARIES

## Notes to Consolidated Financial Statements

## Note 2 Fair Value

Fair values of instruments are based on:

(i) quoted prices in active markets for identical assets (Level 1);

quoted prices for similar instruments in active markets, quoted prices for identical or similar instruments in  
(ii) markets that are not active and model-derived valuations in which all significant inputs are observable in active  
markets (Level 2); or

(iii) valuations derived from valuation techniques in which one or more significant inputs are unobservable in the  
marketplace (Level 3).

The following tables present, for each of the fair value hierarchy levels, our assets and liabilities for which we report fair value on a recurring basis (\$ in thousands):

December 31, 2017	Fair Value			Total
	Level 1	Level 2	Level 3	
Cash and cash equivalents	\$107,589	\$0	\$0	\$107,589
Fixed maturity securities:				
U.S. government	60,528	0	0	60,528
State and municipal	0	490,724	3,488	494,211
Mortgage-backed securities:				
Residential	0	350,992	0	350,992
Commercial	0	30,569	0	30,569
Total mortgage-backed securities	0	381,561	0	381,561
Asset-backed securities	0	62,266	152	62,418
Corporates	0	442,281	108	442,390
Total fixed maturities	60,528	1,376,832	3,748	1,441,107
Equity securities	96,004	0	0	96,004
Short-term investments	0	2,541	0	2,541
Total cash and investments	\$264,121	\$1,379,373	\$3,748	\$1,647,242
Percentage of total cash and investments	16.0	% 83.7	% 0.2	% 100.0

December 31, 2016				
Cash and cash equivalents	\$92,800	\$0	\$0	\$92,800
Fixed maturity securities:				
U.S. government	62,480	5	0	62,485
State and municipal	0	472,471	3,860	476,331
Mortgage-backed securities:				
Residential	0	340,367	0	340,367
Commercial	0	69,801	0	69,801
Total mortgage-backed securities	0	410,169	0	410,169
Asset-backed securities	0	37,196	412	37,608
Corporates	0	402,909	666	403,575
Total fixed maturities	62,480	1,322,749	4,938	1,390,167
Equity securities	90,640	0	0	90,640
Short-term investments	769	2,139	0	2,907
Total cash and investments	\$246,689	\$1,324,888	\$4,938	\$1,576,514
Percentage of total cash and investments	15.6	% 84.0	% 0.3	% 100.0

We do not report our long-term debt at fair value in the Consolidated Balance Sheets. The \$290.8 million and \$278.7 million fair value of our long-term debt at December 31, 2017, and December 31, 2016, respectively, would be

included in Level 2 of the fair value hierarchy if it were reported at fair value.

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INFINITY PROPERTY AND CASUALTY CORPORATION AND SUBSIDIARIES

Notes to Consolidated Financial Statements

Level 1 includes cash and cash equivalents, U.S. Treasury securities, an exchange-traded fund and equities invested in a rabbi trust which funds our Supplemental Employee Retirement Plan (SERP). Level 2 includes securities whose fair value was determined using observable market inputs. Level 3 securities are comprised of (i) securities for which there is no active or inactive market for similar instruments; (ii) securities whose fair value is determined based on unobservable inputs; and (iii) securities, other than those backed by the U.S. Government, that are not rated by a nationally recognized statistical rating organization (NRSRO). We recognize transfers between levels at the beginning of the reporting period.

A third party nationally recognized pricing service provides the fair value of securities in Level 2. A summary of the significant valuation techniques and market inputs for each class of security follows:

**U.S. Government:** In determining the fair value for U.S. Government securities we use the market approach. The primary inputs to the valuation include reported trades, dealer quotes for identical or similar assets in markets that are not active, benchmark yields, credit spreads, reference data and industry and economic events.

**State and municipal:** In determining the fair value for state and municipal securities we use the market approach. The primary inputs to the valuation include reported trades, dealer quotes for identical or similar assets in markets that are not active, benchmark yields, credit spreads, reference data and industry and economic events.

**Mortgage-backed securities:** In determining the fair value for mortgage-backed securities we use the market approach and to a lesser extent the income approach. The primary inputs to the valuation include reported trades, dealer quotes for identical or similar assets in markets that are not active, benchmark yields, credit spreads, reference data, industry and economic events and monthly payment information.

**Asset-backed securities:** In determining the fair value for asset-backed securities we use the market approach and to a lesser extent the income approach. The primary inputs to the valuation include reported trades, dealer quotes for identical or similar assets in markets that are not active, benchmark yields, credit spreads, reference data, industry and economic events, monthly payment information and collateral performance.

**Corporate:** In determining the fair value for corporate securities we use the market approach. The primary inputs to the valuation include reported trades, dealer quotes for identical or similar assets in markets that are not active, benchmark yields, credit spreads (for investment grade securities), observations of equity and credit default swap curves (for high-yield corporates), reference data and industry and economic events.

We review the third party pricing methodologies quarterly and test for significant differences between the market price used to value the security and recent sales activity.

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## INFINITY PROPERTY AND CASUALTY CORPORATION AND SUBSIDIARIES

## Notes to Consolidated Financial Statements

The following tables present the progression in the Level 3 fair value category (\$ in thousands):

Twelve months ended December 31, 2017	State and Municipal	Corporates	Asset-Backed Securities	Total
Balance at beginning of period	\$ 3,860	\$ 666	\$ 412	\$4,938
Total (losses) gains, unrealized or realized				
Included in net earnings	(129 )	1	0	(127 )
Included in other comprehensive income	3	(30 )	22	(5 )
Purchases	0	2,000	4,259	6,259
Sales	(694 )	0	0	(694 )
Settlements	0	(530 )	(258 )	(788 )
Transfers in	447	0	0	447
Transfers out	0	(2,000 )	(4,283 )	(6,283 )
Balance at end of period	\$ 3,488	\$ 108	\$ 152	\$3,748

Twelve months ended December 31, 2016				
Balance at beginning of period	\$ 10	\$ 1,524	\$ 0	\$1,534
Total (losses) gains, unrealized or realized				
Included in net earnings	(25 )	12	0	(13 )
Included in other comprehensive income	(10 )	(60 )	3	(67 )
Purchases	0	0	620	620
Settlements	(10 )	(810 )	(209 )	(1,029 )
Transfers in	3,894	0	1,338	5,232
Transfers out	0	0	(1,339 )	(1,339 )
Balance at end of period	\$ 3,860	\$ 666	\$ 412	\$4,938

Of the \$3.7 million fair value of securities in Level 3 at December 31, 2017, which consisted of six securities, we priced two based on non-binding broker quotes and four securities, which were included in Level 3 because they were not rated by a NRSRO, were priced by a nationally recognized pricing service.

During the twelve months ended December 31, 2017, one security, which was an exchange of a rated municipal bond for an unrated refunded bond, was transferred from Level 2 into Level 3 and one security was transferred from Level 2 into Level 3 because it was not rated by a recognized statistical rating organization. Six securities were purchased and placed into Level 3 during the first quarter of 2017 because a price could not be determined using observable market inputs. However, during the second quarter of 2017, prices were obtained using observable market inputs and these securities were transferred into Level 2. There were no transfers of securities between Levels 1 and 2.

One security was transferred from Level 2 into Level 3 during the first quarter of 2016 because a price could not be determined using observable market inputs. However, during the third quarter of 2016, a price was obtained using observable market inputs and the security was transferred back into Level 2. Three securities during 2016 were transferred from Level 2 into Level 3 because they were no longer rated by a NRSRO. There were no transfers of securities between Levels 1 and 2 during 2016.

The gains or losses included in net earnings are included in the line item "Net realized gains on investments" in the Consolidated Statements of Earnings. We recognize the net gains or losses included in other comprehensive income in the line item "Unrealized gains (losses) on investments, net" in the Consolidated Statements of Comprehensive Income and the line item "Change in unrealized gain on investments" or the line item "Change in non-credit component of impairment losses on fixed maturities" in the Consolidated Statements of Changes in Shareholders' Equity.





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## INFINITY PROPERTY AND CASUALTY CORPORATION AND SUBSIDIARIES

## Notes to Consolidated Financial Statements

The following table presents the carrying value and estimated fair value of our financial instruments (\$ in thousands):

	December 31, 2017		December 31, 2016	
	Carrying Value	Fair Value	Carrying Value	Fair Value
Assets:				
Cash and cash equivalents	\$ 107,589	\$ 107,589	\$ 92,800	\$ 92,800
Available-for-sale securities:				
Fixed maturities	1,441,107	1,441,107	1,390,167	1,390,167
Equity securities	96,004	96,004	90,640	90,640
Short-term investments	2,541	2,541	2,907	2,907
Total cash and investments	\$ 1,647,242	\$ 1,647,242	\$ 1,576,514	\$ 1,576,514
Liabilities:				
Long-term debt	\$ 273,809	\$ 290,824	\$ 273,591	\$ 278,726

Refer to Note 3 – Investments to the Consolidated Financial Statements for additional information on investments and Note 4 – Long-Term Debt to the Consolidated Financial Statements for additional information on long-term debt.

## Note 3 Investments

We consider all fixed maturity and equity securities “available for sale” and report them at fair value with net unrealized gains or losses reported after-tax (net of any valuation allowance) as a component of accumulated other comprehensive income within shareholders' equity. The proceeds from sales of securities for the twelve months ended December 31, 2017, were \$210.8 million, and are net of \$1.7 million of receivable for securities sold during 2017 that had not settled at December 31, 2017. The proceeds from sales of securities for the twelve months ended December 31, 2016, were \$312.3 million and are net of \$0.8 million of receivable for securities sold during 2016 that had not settled at December 31, 2016. The proceeds from sales of securities for the twelve months ended December 31, 2015, were \$341.3 million.

Gross gains of \$6.9 million, \$6.2 million and \$7.2 million were realized on sales of available for sale securities during the years ended 2017, 2016 and 2015, respectively. Gross losses of \$1.7 million, \$2.7 million and \$3.2 million were realized on sales of available for sale securities during the years ended 2017, 2016 and 2015, respectively. Gains or losses on securities are determined on a specific identification basis.

Summarized information for the major categories of our investment portfolio follows (\$ in thousands):

December 31, 2017	Amortized Cost or Cost	Gross Unrealized Gains	Gross Unrealized Losses	Fair Value	OTTI Recognized in Accumulated OCI <sup>(1)</sup>
Fixed maturities:					
U.S. government	\$ 61,196	\$ 0	\$ (668)	\$ 60,528	\$ 0
State and municipal	492,442	2,768	(999)	494,211	(46)
Mortgage-backed securities:					
Residential	353,277	1,812	(4,097)	350,992	(1,479)
Commercial	31,204	18	(653)	30,569	0
Total mortgage-backed securities	384,481	1,830	(4,750)	381,561	(1,479)
Asset-backed securities	62,552	62	(196)	62,418	(8)
Corporates	439,208	4,610	(1,429)	442,390	(31)
Total fixed maturities	1,439,878	9,271	(8,042)	1,441,107	(1,564)
Equity securities	68,812	27,192	0	96,004	0
Short-term investments	2,541	0	0	2,541	0

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Total	\$1,511,232	\$ 36,463	\$(8,042 )	\$1,539,653	\$ (1,564 )
December 31, 2016					
Fixed maturities:					
U.S. government	\$62,808	\$ 55	\$(377 )	\$62,485	\$ 0
State and municipal	477,834	2,313	(3,816 )	476,331	(51 )
Mortgage-backed securities:					
Residential	343,095	2,306	(5,034 )	340,367	(1,967 )
Commercial	70,676	63	(939 )	69,801	0
Total mortgage-backed securities	413,772	2,369	(5,972 )	410,169	(1,967 )
Asset-backed securities	37,562	93	(47 )	37,608	(8 )
Corporates	400,685	4,389	(1,499 )	403,575	(41 )
Total fixed maturities	1,392,660	9,219	(11,711 )	1,390,167	(2,068 )
Equity securities	77,013	13,627	0	90,640	0
Short-term investments	2,909	0	(2 )	2,907	0
Total	\$1,472,582	\$ 22,846	\$(11,713 )	\$1,483,714	\$ (2,068 )

(1) The total non-credit portion of OTTI recognized in Accumulated OCI reflecting the original non-credit loss at the time the credit impairment was determined.

The following tables set forth the amount of unrealized loss by investment category and length of time that individual securities have been in a continuous unrealized loss position (\$ in thousands):

December 31, 2017	Less than 12 Months				12 Months or More			
	Number of Securities with Unrealized Losses	Fair Value	Gross Unrealized Losses	Unrealized as % of Cost	Number of Securities with Unrealized Losses	Fair Value	Gross Unrealized Losses	Unrealized as % of Cost
Fixed maturities:								
U.S. government	25	\$46,160	\$(422 )	0.9 %	16	\$14,368	\$(246 )	1.7 %
State and municipal	82	163,997	(939 )	0.6 %	5	10,529	(60 )	0.6 %
Mortgage-backed securities:								
Residential	154	81,841	(453 )	0.6 %	279	127,317	(3,644 )	2.8 %
Commercial	2	3,578	(30 )	0.8 %	9	23,066	(623 )	2.6 %
Total mortgage-backed securities	156	85,419	(483 )	0.6 %	288	150,383	(4,267 )	2.8 %
Asset-backed securities	31	35,407	(193 )	0.5 %	2	1,561	(3 )	0.2 %
Corporate	104	158,788	(1,197 )	0.7 %	13	16,468	(232 )	1.4 %
Total fixed maturities	398	489,771	(3,233 )	0.7 %	324	193,309	(4,809 )	2.4 %
Equity securities	0	0	0	0.0 %	0	0	0	0.0 %
Short-term investments	0	0	0	0.0 %	0	0	0	0.0 %
Total	398	\$489,771	\$(3,233 )	0.7 %	324	\$193,309	\$(4,809 )	2.4 %

December 31, 2016

Fixed maturities:								
U.S. government	31	\$47,640	\$(377 )	0.8 %	0	\$0	\$0	0.0 %
State and municipal	146	303,428	(3,816 )	1.2 %	0	0	0	0.0 %
Mortgage-backed securities:								
Residential	381	225,117	(4,559 )	2.0 %	40	11,891	(474 )	3.8 %
Commercial	14	38,002	(788 )	2.0 %	7	26,537	(150 )	0.6 %
Total mortgage-backed securities	395	263,119	(5,347 )	2.0 %	47	38,428	(625 )	1.6 %

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Asset-backed securities	9	7,836	(46	)	0.6	%	1	519	(1	)	0.1	%
Corporate	98	145,089	(1,272	)	0.9	%	7	7,745	(227	)	2.8	%
Total fixed maturities	679	767,112	(10,859	)	1.4	%	55	46,693	(852	)	1.8	%
Equity securities	0	0	0		0.0	%	0	0	0		0.0	%
Short-term investments	3	2,907	(2	)	0.1	%	0	0	0		0.0	%
Total	682	\$770,019	\$(10,861)		1.4	%	55	\$46,693	\$(852)		1.8	%

The determination of whether unrealized losses are “other-than-temporary” requires judgment based on subjective as well as objective factors. Factors we considered and resources we used in our determination include:

- whether the unrealized loss is credit-driven or a result of changes in market interest rates;
- the length of time the security’s market value has been below its cost;
- the extent to which fair value is less than cost basis;
- the intent to sell the security;
- whether it is more likely than not that there will be a requirement to sell the security before its anticipated recovery;
- historical operating, balance sheet and cash flow data contained in issuer SEC filings;
- issuer news releases;
- near-term prospects for improvement in the issuer and/or its industry;
- industry research and communications with industry specialists; and
- third-party research and credit rating reports.

We regularly evaluate for potential impairment each security position that has either of the following: a fair value of less than 95% of its book value or an unrealized loss that equals or exceeds \$100,000.

The following table summarizes those securities, excluding the rabbi trust, with unrealized gains or losses:

	December 31, 2017	December 31, 2016		
Number of positions held with unrealized:				
Gains	496	527		
Losses	722	737		
Number of positions held that individually exceed unrealized:				
Gains of \$500,000	2	1		
Losses of \$500,000	0	0		
Percentage of positions held with unrealized:				
Gains that were investment grade	81	85	%	%
Losses that were investment grade	97	97	%	%
Percentage of fair value held with unrealized:				
Gains that were investment grade	81	84	%	%
Losses that were investment grade	95	97	%	%

The following table sets forth the amount of unrealized losses, excluding the rabbi trust, by age and severity at December 31, 2017 (\$ in thousands):

Age of Unrealized Losses	Fair Value of Securities with Unrealized Losses	Total Gross Unrealized Losses	Less Than 5%*	5% - 10%*	Total Gross Greater Than 10%*
Three months or less	\$ 316,027	\$ (1,498	) \$ (1,498	) \$ 0	\$ 0
Four months through six months	161,848	(1,620	) (1,620	) 0	0
Seven months through nine months	9,020	(86	) (86	) 0	0
Ten months through twelve months	3,748	(39	) (33	) (7	) 0
Greater than twelve months	192,437	(4,799	) (4,387	) (412	) (0
Total	\$ 683,080	\$ (8,042	) \$ (7,623	) \$ (419	) \$ (0

\* As a percentage of amortized cost or cost.

The change in unrealized gains (losses) on securities included the following (\$ in thousands):

December 31, 2017	Pre-tax	Equity	Tax	Net

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	Fixed Maturities	Securities	Short-Term Investments	Effects	
Unrealized holding gains (losses) on securities arising during the period	\$446	\$19,066	\$ (4 )	\$(6,085)	\$13,424
Realized losses (gains) included in net earnings	160	(5,501 )	(1 )	1,870	(3,473 )
Impairment losses recognized in net earnings	3,116	0	7	(1,093 )	2,030
Change in unrealized, net	\$3,722	\$13,565	\$ 2	\$(5,308)	\$11,981
December 31, 2016					
Unrealized holding (losses) gains on securities arising during the period	\$(2,153 )	\$5,359	\$ (0 )	\$(1,122)	\$2,084
Realized (gains) losses included in net earnings	(671 )	(2,851 )	3	1,232	(2,287 )
Impairment losses recognized in net earnings	375	0	0	(131 )	243
Change in unrealized, net	\$(2,449 )	\$2,508	\$ 2	\$(21 )	\$40
December 31, 2015					
Unrealized holding losses on securities arising during the period	\$(18,699)	\$(3,388 )	\$ (4 )	\$7,732	\$(14,359)
Realized gains included in net earnings	(2,064 )	(2,039 )	(0 )	1,436	(2,667 )
Impairment losses recognized in net earnings	1,294	0	0	(453 )	841
Change in unrealized, net	\$(19,469)	\$(5,427 )	\$ (4 )	\$8,715	\$(16,185)

For fixed maturity securities that are other-than-temporarily impaired, we assess our intent to sell and the likelihood that we will be required to sell the security before recovery of our amortized cost. If a fixed maturity security is considered other-than-temporarily impaired but we do not intend to and are not more than likely to be required to sell the security before our recovery to amortized cost, the amount of the impairment is separated into a credit loss component and the amount due to all other factors ("non-credit component"). The excess of the amortized cost over the present value of the expected cash flows determines the credit loss component of an impairment charge on a fixed maturity security. The present value is determined using the best estimate of cash flows discounted at (i) the effective interest rate implicit at the date of acquisition for non-structured securities; or (ii) the book yield for structured securities. The techniques and assumptions for determining the best estimate of cash flows vary depending on the type of security. We recognize the credit loss component of an impairment charge in net earnings and the non-credit component in accumulated other comprehensive income. If we intend to sell or will, more likely than not, be required to sell a security, the entire amount of the impairment is treated as a credit loss.

For our securities held with unrealized losses, we believe, based on our analysis, that we will recover our cost basis in these securities and we do not intend to sell the securities nor is it more likely than not that there will be a requirement to sell the securities before they recover in value.

The following table is a progression of credit losses on fixed maturity securities that were bifurcated between a credit and non-credit component (\$ in thousands):

	2017	2016
Balance at beginning of year	\$557	\$683
Additions for:		
Previously impaired securities	299	0
Newly impaired securities	13	0
Reductions for:		
Reductions for securities sold and paydowns	(116 )	(127 )
Balance at end of year	\$753	\$557

The table below sets forth the scheduled maturities of fixed maturity securities at December 31, 2017, based on their fair values (\$ in thousands). We report securities that do not have a single maturity date at average maturity. Actual maturities may differ from contractual maturities because certain securities may be called or prepaid by the issuers.

Maturity	Fair Value			Amortized Cost	
	Securities with	Securities with	Securities with No	All Fixed Maturity	All Fixed Maturity

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	Unrealized Gains	Unrealized Losses	Unrealized Gains or Losses	Securities	Securities
One year or less	\$27,184	\$ 23,139	\$ 25,325	\$75,648	\$75,568
After one year through five years	245,431	317,699	131,378	694,509	693,370
After five years through ten years	139,337	69,472	14,449	223,257	220,275
After ten years	3,715	0	0	3,715	3,633
Mortgage- and asset-backed securities	126,679	272,770	44,530	443,979	447,032
Total	\$542,346	\$ 683,080	\$ 215,682	\$1,441,107	\$1,439,878

Net Investment Income

The following table shows investment income earned and investment expenses incurred (\$ in thousands):

	Twelve months ended December 31,		
	2017	2016	2015
Gross investment income:			
Interest income on fixed maturities, cash and cash equivalents	\$ 37,301	\$ 35,528	\$ 36,871
Dividends on equity securities	2,174	2,231	2,194
Gross investment income	39,476	37,759	39,065
Investment expenses	(2,213 )	(2,222 )	(2,265 )
Net investment income	\$ 37,262	\$ 35,537	\$ 36,800

Note 4 Long-Term Debt

	December 31,	
(\$ in thousands)	2017	2016
Principal	\$275,000	\$275,000
Unamortized debt issuance costs	1,191	1,409
Long-term debt less unamortized debt issuance costs	\$273,809	\$273,591

In September 2012 we issued \$275 million principal of senior notes due September 2022 (the "5.0% Senior Notes"). The 5.0% Senior Notes accrue interest at 5.0%, payable semiannually. At the time we issued the 5.0% Senior Notes, we capitalized \$2.2 million of debt issuance costs, which we are amortizing over the term of the 5.0% Senior Notes. We calculated the December 31, 2017, fair value of \$290.8 million using a 125 basis point spread to the 10-year U.S. Treasury Note Yield of 3.658%.

We paid interest on long-term debt of \$13.8 million for each of the years ended December 31, 2017, 2016 and 2015. In August 2017 we renewed our agreement for a \$50 million three-year revolving credit facility (the "Credit Agreement") that requires us to meet certain financial and other covenants. We are currently in compliance with all covenants under the Credit Agreement, and as of December 31, 2017, there were no borrowings outstanding against it.

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## INFINITY PROPERTY AND CASUALTY CORPORATION AND SUBSIDIARIES

## Notes to Consolidated Financial Statements

## Note 5 Income Taxes

In the years 2017, 2016 and 2015, we paid \$28.3 million, \$6.7 million and \$28.5 million, respectively, in taxes. The following is a reconciliation of income taxes at the statutory rate of 35.0% to the effective provision for income taxes as shown in the Consolidated Statements of Earnings (\$ in thousands):

	Twelve months ended December 31,		
	2017	2016	2015
Earnings before income taxes	\$ 80,727	\$ 62,132	\$ 74,832
Income taxes at statutory rate	28,254	21,746	26,191
Effect of:			
Dividends-received deduction	(455 )	(466 )	(458 )
Tax-exempt interest	(2,442 )	(2,456 )	(2,713 )
Other	(198 )	223	331
Deferred tax rate adjustment	10,184	\$ 0	\$ 0
Provision for income taxes as shown on the Consolidated Statements of Earnings	\$ 35,343	\$ 19,047	\$ 23,351
GAAP effective tax rate	43.8 %	30.7 %	31.2 %

The total income tax provision consists of (\$ in thousands):

	2017	2016	2015
Current	\$30,332	\$14,782	\$23,133
Deferred	5,011	4,265	218
Provision for income taxes	\$35,343	\$19,047	\$23,351

Deferred income tax assets and liabilities reflect temporary differences between the carrying amounts of assets and liabilities recognized for financial reporting purposes and the amounts recognized for tax purposes. The significant components of deferred tax assets and liabilities included in the Consolidated Balance Sheets were as follows (\$ in thousands):

	As of	
	December 31, 2017	2016
Deferred tax assets:		
Discount on loss reserves	\$5,862	\$4,853
Unearned premium reserve	26,358	42,844
Bad debts	3,205	4,972
Accrued bonuses	1,937	2,250
Deferred compensation	3,966	6,152
Long-term incentive compensation	740	814
Other	2,683	5,089
Gross deferred tax assets	44,751	66,974
Valuation allowance for deferred tax assets	(195 )	(326 )
Total deferred tax assets	44,556	66,648
Deferred tax liabilities:		
Deferred policy acquisition costs	(18,543)	(31,897 )
Investment securities – unrealized gains	(5,966 )	(3,896 )
Fixed assets	(2,379 )	(5,037 )
Loss reserve transition liability	(3,120 )	0
Other	(382 )	(1,405 )
Total deferred tax liabilities	(30,390)	(42,235 )

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Net deferred tax assets	14,166	24,413
Current income tax payable	(4,811 )	(2,778 )
Current and deferred income taxes	\$9,355	\$21,635

The Tax Cuts and Jobs Act (TCJA) was enacted on December 22, 2017, and reduced the federal corporate tax rate from 35% to 21%, effective January 1, 2018. The deferred tax assets and deferred tax liabilities as of December 31, 2017, have been calculated based on the new enacted tax rate, which resulted in a net deferred tax rate adjustment of \$10.2 million recorded in the provision for income taxes. The TCJA also made changes to the way companies are allowed to calculate their tax loss reserve discount factors. The TCJA requires the use of industry payout patterns and revised the method of calculating the interest rates for purposes of tax loss reserve discounting. The TCJA requires companies to revalue their tax loss reserves as of January 1, 2018, based on December 31, 2018 discount factors. This results in a grossed up deferred tax asset relating to tax loss reserves and the establishment of a deferred tax liability for the transition loss that will be recognized ratably over eight years, both of which are reflected in the above December 31, 2017 balances. Since the December 31, 2018 discount factors, and the exact methodology used to calculate the interest rate used to determine the discount factors, have not been released, both the gross-up of the tax loss reserve deferred tax asset and the setup of the transitional loss deferred tax liability have been computed on what we believe is a reasonable estimate under SAB 118. These balances will be revised when published discount factors are made available.

An analysis is performed on a quarterly basis to determine if there is sufficient evidence that it is more likely than not that the deferred tax assets will be recognized for tax purposes. The evidence that is considered in assessing the need for a valuation allowance includes: (i) sufficient future taxable income; (ii) sufficient ordinary and capital taxable income in carryback periods; (iii) the reversals of existing taxable temporary differences; and (iv) tax planning strategies that could be utilized to accelerate the recognition of capital gains in the future. Based on this evaluation, it is management's belief the only valuation allowance required at December 31, 2017, and December 31, 2016, relates to a net operating loss carryover generated by an inactive company that previously filed on a separate company basis. In 2016 we purchased the remaining 49% of this company's stock resulting in their inclusion in the consolidated income tax return. Due to the limitations that will apply to utilizing the subsidiary's net operating loss, the valuation allowance equals 100% of the subsidiary's net operating loss, which will start expiring in the year 2028. The reduction in the valuation allowance is attributable to the reduction in the enacted tax rate.

We did not have any gross unrecognized tax benefits that would exceed a materiality threshold and therefore, there was no reduction to Retained Earnings in our Consolidated Balance Sheets at January 1, 2017. The gross unrecognized tax benefit did not exceed the materiality threshold as of December 31, 2017.

The Company is not currently under examination by the IRS and the statute of limitations has expired for all years prior to 2014.

Note 6 Computation of Net Earnings per Share

The following table illustrates our computations of basic and diluted net earnings per common share (\$ in thousands, except per share figures):

	Twelve months ended December 31,		
	2017	2016	2015
Net earnings	\$ 45,384	\$ 43,085	\$ 51,481
Average basic shares outstanding	10,984	11,018	11,334
Basic net earnings per share	\$ 4.13	\$ 3.91	\$ 4.54
Average basic shares outstanding	10,984	11,018	11,334
Restricted stock not vested	22	26	16
Dilutive effect of Performance Share Plan	62	57	67
Average diluted shares outstanding	11,067	11,101	11,417
Diluted net earnings per share	\$ 4.10	\$ 3.88	\$ 4.51

Note 7 Share-Based Compensation

We established the Amended and Restated 2013 Stock Incentive Plan (the "2013 Plan"), which was approved by the Company's shareholders on May 21, 2013. Under the 2013 Plan, 750,000 shares are authorized and reserved for



issuance. Upon the approval by the shareholders of the 2013 Plan, we became prohibited from issuing any further grants under the Restricted Stock Plan, Directors' Plan, Performance Share Plan, or Stock Option Plan (collectively, the "Prior Plans"). However, all outstanding awards under the Prior Plans remain outstanding and will continue to be administered and settled with the applicable provisions of the Prior Plans. We have a policy of issuing new stock for shares issued under the 2013 Plan.

The number of shares issued, net of forfeitures, by plan, for share-based compensation arrangements was as follows:

	2017	2016	2015	
	2013 Plan	2013 Plan	2013 Plan	Prior Plans
Restricted Stock	14,500	0	(1,613)	0
Non-employee Directors' Stock	6,680	7,596	7,013	0
Performance Shares	32,765	24,123	0	37,155
Total	53,945	31,719	5,400	37,155

The amount of total compensation cost for share-based compensation arrangements was as follows (\$ in thousands):

	Twelve months ended December 31,					
	2017		2016		2015	
	Expense	Tax	Expense	Tax	Expense	Tax
	Recognized in	Benefit	Recognized in	Benefit	Recognized in	Benefit
	Earnings		Earnings		Earnings	
Restricted Stock	\$765	\$161	\$1,037	\$363	\$799	\$280
Non-employee Directors' Stock Ownership Plan	646	226	600	210	510	178
Employee Stock Purchase Plan	50	0	46	0	45	0
Performance Shares	3,135	658	661	231	1,795	628
Total	\$4,596	\$1,045	\$2,343	\$804	\$3,148	\$1,086

#### Restricted Stock

On August 5, 2014, the Committee approved the grant of 37,244 shares to certain officers under the 2013 Plan which vested in full on August 5, 2017. On October 19, 2015, the Committee approved the grant of 7,471 shares that will vest in full on October 19, 2018. On November 2, 2017, the Committee approved the grant of 14,500 shares that will vest in full on November 2, 2020. During the vesting period, the shares of restricted stock will not have voting rights but will accrue dividends, which we will not pay until the shares have vested. We treat the restricted shares as issued and outstanding for calculation of diluted earnings per share only. Until fully vested, we will not consider the shares issued and outstanding for purposes of the basic earnings per share calculation.

The following table sets forth the restricted stock activity for the year ended December 31, 2017:

Restricted Stock	Number of Shares	Weighted-average Grant Date Fair Value
Non-vested as of January 1, 2017	44,715	\$ 69.54
Vested	(37,244 )	\$ 67.04
Granted	14,500	\$ 93.7
Non-vested as of December 31, 2017	21,971	\$ 89.73

#### Non-employee Directors' Stock

Shares are issued to non-employee directors on or about June 1 of each year as part of their compensation. We restrict these shares from sale or transfer by any recipient for six months from the grant date. These shares are treated as issued and outstanding for basic and diluted earnings per share calculations.

#### Performance Shares

The purpose of the Performance Shares is to align further the interest of management with our long-term shareholders by including performance-based compensation, payable in shares of common stock, as a component of an executive's annual compensation. The Committee administers the Performance Shares and (i) establishes the performance goals, which may include but are not limited to, combined ratio, premium growth, growth within certain geographic areas and earnings per share or return on equity over the course of the upcoming three-year period; (ii) determines the Performance Share participants; (iii) sets the performance share units to be awarded to such participants; and (iv) sets

the rate at which performance share units will convert to shares of common stock based upon attainment of the performance goals.

#### Employee Stock Purchase Plan

Under the employee stock purchase plan (ESPP), all eligible full-time employees may purchase shares of our common stock at a 15% discount to the current market price. Employees may allocate up to 25% of their base salary with a maximum annual participation amount of \$25,000. If a participant sells any shares purchased under the ESPP within one year, we preclude that employee from participating in the ESPP for one year from the date of sale. The source of shares issued to participants is treasury shares or authorized but previously unissued shares. The maximum number of shares that we may issue under the ESPP may not exceed 1,000,000, of which we have issued 76,526 as of December 31, 2017. Our ESPP is qualified under Section 423 of the Internal Revenue Code of 1986, as amended. We treat participants' shares as issued and outstanding for basic and diluted earnings per share calculations.

#### Note 8 Benefit Plans

We provide retirement benefits for all eligible employees by matching contributions made on participants' discretionary basis to participants' accounts in our qualified 401(k) Retirement Plan. Eligible employees may contribute up to a maximum of the lesser of \$18,000 per year or 25% of the participant's salary in 2017. Participants age 50 or over at the end of the calendar year may make an additional elective deferral contribution of up to \$6,000 for 2017. These additional contributions (commonly referred to as catch-up contributions) are not subject to the general limits that apply to 401(k) plans. The matching percentage made by us was 100% of participants' contributions up to a ceiling of 4% and 50% of the next 2% of contributions with a maximum match of \$13,500 in 2017. The plan expense was \$5.5 million, \$5.1 million and \$4.9 million for the years ended December 31, 2017, 2016 and 2015, respectively. Our Supplemental Employee Retirement Plan (SERP) is a non-qualified deferred compensation plan that enables eligible employees to make contributions and to receive employer-matching contributions that the provisions of the 401(k) Retirement Plan or laws preclude due to limits on compensation. We contributed \$0.1 million to the SERP for each of the years ended December 31, 2017, 2016 and 2015. We maintain a rabbi trust that includes investments to fund the SERP. As of December 31, 2017, investments in the rabbi trust totaled \$2.6 million. We reflected these investments at fair value as equity securities on the Consolidated Balance Sheets.

We maintain a non-qualified deferred compensation plan for certain highly compensated employees, which permits the participants to defer a portion of their salaries and bonuses. The deferred amounts accrue interest at our approximate long-term borrowing rate. The deferred amounts are our general obligation liability and amounted to \$18.9 million, \$17.6 million and \$16.6 million at December 31, 2017, 2016 and 2015, respectively. We credited interest of approximately \$0.7 million, \$0.7 million and \$0.6 million for these same periods.

We also provide post-retirement medical and life insurance benefits to certain eligible retirees. We have determined that the benefits provided under this plan are actuarially equivalent to those benefits provided by the Medicare Prescription Drug, Improvement and Modernization Act of 2003 (MMA). Our calculation of the accumulated post-retirement benefit obligation (APBO) as of December 31, 2017, 2016 and 2015 does not reflect the government subsidy provided by the MMA, other than as reflected in the insured over 65 rates going forward.

Unrecognized actuarial gains of \$0.9 million (\$0.6 million net of tax) and prior service costs of \$0.1 million (\$0.1 million net of tax) that have not yet been recognized in net periodic post-retirement benefit costs are included in accumulated other comprehensive income at December 31, 2017. We expect to recognize a \$0.1 million actuarial gain and \$0.1 million of amortization of prior service costs in net periodic post-retirement benefit income during the fiscal year ending December 31, 2018.

We recognized the unfunded status of the APBO plan of \$3.8 million at December 31, 2017, in the Consolidated Balance Sheets. We expect no plan assets to be returned to us during the fiscal year ended December 31, 2018.

The following tables show data related to the APBO plan (\$ in thousands):

	2017	2016
Net benefit obligation at beginning of year	\$3,613	\$3,729
Service cost	173	183
Interest cost	125	132
Participant contributions	31	37
Assumption change	168	44
Actuarial gain	(14 )	(176 )

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Gross benefits paid	(326 )	(338 )
Net benefit obligation at end of year	\$3,769	\$3,613

The following table discloses the components of net periodic post-retirement benefit cost (\$ in thousands):

	2017	2016	2015
Service cost	\$173	\$183	\$235
Interest cost	125	132	146
Amortization of prior service cost	71	71	71
Amortization of net cumulative gain	(121 )	(114 )	(5 )
Net periodic post-retirement benefit cost	\$247	\$273	\$447

The following table discloses discount rates used to determine benefit obligations:

	2017	2016	2015
Discount rate	3.20%	3.60%	3.70%

The weighted average health care cost trend rate used in measuring the accumulated post-retirement benefit cost is 7.5% for 2018, declining to 5.0% in 2038.

The following table discloses the effects of a hypothetical one percentage point increase and the effects of a hypothetical one percentage point decrease in the assumed healthcare trend rate (\$ in thousands):

	2017	2016	2015
A one percentage point hypothetical change in the assumed healthcare trend rate would have the following effect on the post-retirement benefit obligations:			
1% increase	\$188	\$184	\$304
1% decrease	(172 )	(162 )	(269 )

A one percentage point hypothetical change in the assumed healthcare trend rate would have the following effect on the aggregate of the service and interest cost components of net periodic post-retirement healthcare benefit costs:

1% increase	\$36	\$40	\$49
1% decrease	(31 )	(34 )	(42 )

The following table reconciles the beginning and ending balances of the fair value of plan assets for the years ended December 31, 2017, and 2016 (\$ in thousands):

	2017	2016
Fair value of plan assets at beginning of year	\$0	\$0
Employer contributions	295	301
Participant contributions	31	37
Gross benefits paid	(326)	(338)
Fair value of plan assets at end of year	\$0	\$0

The following table presents the funded status and the amounts recognized in the Consolidated Balance Sheets (\$ in thousands):

	2017	2016
Fair value of plan assets	\$0	\$0
Benefit obligations	(3,769 )	(3,613 )
Funded status at end of year	(3,769 )	(3,613 )
Contributions made after the measurement date	0	0
Unrecognized actuarial net (gain) loss	0	0
Unrecognized prior service cost	0	0
Net amount recognized at end of year	\$(3,769)	\$(3,613)

The following table presents the 10-year forecast and best estimate of expected benefit payments (\$ in thousands):

	2017	2016	2015
2018	\$266	\$295	\$301
2019	276	287	280
2020	283	289	281
2021	280	281	294
2022	287	283	287

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2023-2027	1,627	2022-2026	1,549	2021-2025	1,583
10-Year Total	\$3,020		\$2,983		\$3,026

Our best estimate of contributions expected to be paid to the plan during the fiscal year beginning January 1, 2018, is \$0.3 million.

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## INFINITY PROPERTY AND CASUALTY CORPORATION AND SUBSIDIARIES

## Notes to Consolidated Financial Statements

## Note 9 Quarterly Operating Results (Unaudited)

While we recognize insurance premium on a relatively level basis, claim losses related to adverse weather (snow, hail, hurricanes, tornadoes, etc.) and customer driving behavior may be seasonal. Quarterly results rely heavily on estimates and are not necessarily indicative of results for longer periods.

The following are quarterly results of our consolidated operations for the three years ended December 31, 2017, (\$ in thousands, except per share amounts):

	1 <sup>st</sup> Quarter	2 <sup>nd</sup> Quarter	3 <sup>rd</sup> Quarter	4 <sup>th</sup> Quarter	Total Year
2017					
Revenues	\$ 377,797	\$ 376,886	\$ 380,701	\$ 382,602	\$ 1,517,987
Net earnings	10,646	5,046	14,978	14,713	45,384
Net earnings per share:					
Basic	\$ 0.97	\$ 0.46	\$ 1.36	\$ 1.35	\$ 4.13
Diluted	0.96	0.46	1.35	1.34	4.10
2016					
Revenues	\$ 370,162	\$ 375,084	\$ 378,124	\$ 415,336	\$ 1,538,706
Net earnings	7,708	11,015	2,753	21,609	43,085
Net earnings per share:					
Basic	\$ 0.70	\$ 1.00	\$ 0.25	\$ 1.96	\$ 3.91
Diluted	0.69	0.99	0.25	1.95	3.88
2015					
Revenues	\$ 366,973	\$ 374,757	\$ 372,383	\$ 369,919	\$ 1,484,032
Net earnings	11,154	13,493	15,737	11,097	51,481
Net earnings per share:					
Basic	\$ 0.98	\$ 1.18	\$ 1.39	\$ 0.99	\$ 4.54
Diluted	0.97	1.18	1.38	0.99	4.51

Net realized gains (losses) on investments amounted to:

	1 <sup>st</sup> Quarter	2 <sup>nd</sup> Quarter	3 <sup>rd</sup> Quarter	4 <sup>th</sup> Quarter	Total Year
2017	\$ 509	\$ 1,886	\$ (431 )	\$ 256	\$ 2,220
2016	139	(164 )	1,282	1,887	3,145
2015	1,169	214	(410 )	1,835	2,809

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## INFINITY PROPERTY AND CASUALTY CORPORATION AND SUBSIDIARIES

## Notes to Consolidated Financial Statements

## Note 10 Insurance Reserves

The following table provides an analysis of changes in the liability for losses and LAE, net of reinsurance (\$ in thousands):

	2017	2016	2015
Balance at Beginning of Period			
Unpaid losses on known claims	\$238,412	\$237,660	\$235,037
IBNR losses	306,641	290,097	277,482
LAE	140,402	142,207	155,658
Total unpaid losses and LAE	685,455	669,965	668,177
Reinsurance recoverables	(17,130 )	(14,694 )	(14,370 )
Unpaid losses and LAE, net of reinsurance recoverables	668,325	655,271	653,808
Current Activity			
Loss and LAE incurred:			
Current accident year	1,072,191	1,120,756	1,064,927
Prior accident years	(18,494 )	(24,001 )	(28,926 )
Total loss and LAE incurred	1,053,697	1,096,755	1,036,001
Loss and LAE payments:			
Current accident year	(657,252 )	(687,554 )	(656,317 )
Prior accident years	(381,281 )	(396,147 )	(378,221 )
Total loss and LAE payments	(1,038,533 )	(1,083,701 )	(1,034,538 )
Balance at End of Period			
Unpaid losses and LAE, net of reinsurance recoverables	683,489	668,325	655,271
Add back reinsurance recoverables	31,609	17,130	14,694
Total unpaid losses and LAE	715,098	685,455	669,965
Unpaid losses on known claims	264,470	238,412	237,660
IBNR losses	312,516	306,641	290,097
LAE	138,112	140,402	142,207
Total unpaid losses and LAE	\$715,098	\$685,455	\$669,965

The \$18.5 million favorable reserve development during the twelve months ended December 31, 2017, was primarily due to decreases in ultimate frequency and severity estimates from the bodily injury and material damage coverages in California for accident year 2016 and decreases in ultimate frequency and severity estimates from material damage coverages along with decreases in severity estimates from uninsured motorist bodily injury coverage in Florida for accident year 2016. This favorable development was partially offset by increases in ultimate severity estimates in bodily injury coverages in our commercial auto product.

The \$24.0 million favorable reserve development during the twelve months ended December 31, 2016, was primarily due to decreases in severity estimates in Florida bodily injury and personal injury protection coverages related to accident years 2015 and prior, partially offset by increases in severity estimates in California material damage and bodily injury coverages as well as bodily injury coverages in our commercial auto product, all related to accident year 2015.

The \$28.9 million favorable reserve development during the twelve months ended December 31, 2015, was primarily due to decreases in severity estimates in Florida bodily injury coverages and California bodily injury loss adjustment expense estimates, all related to accident years 2013 and 2014.

The following tables provide incurred losses and allocated loss adjustment expenses (ALAE) as well as cumulative paid claims and ALAE, net of reinsurance, for the prior ten accident years for our two largest lines of business. In addition, as of the most recent reporting period, the total of incurred but not reported (IBNR) reserves plus expected

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development on reported claims and the cumulative number of reported claims are presented (\$ in thousands, except severity). The information about incurred and paid claims development for the years ended December 31, 2008 to December 31, 2016 is presented as supplementary information.

Personal Auto - Liability

Accident Year	Incurred losses and ALAE, net of reinsurance recoverable										IBNR & expected development on reported claims	Cumulative number of reported claims	Severity
	For the years ended December 31, (unaudited)												
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2017	2017	2017
2008	\$370,950	\$365,395	\$348,841	\$344,914	\$342,775	\$343,137	\$341,566	\$340,998	\$340,785	\$340,829	\$70,151	151,692	\$2,200
2009		357,137	336,224	334,823	333,895	332,731	330,929	330,315	330,152	330,394	143,143	145,958	\$2,200
2010			386,452	400,888	404,963	406,602	404,872	406,279	404,807	405,351	348,348	170,120	\$2,338
2011				425,619	453,746	459,406	458,171	459,418	456,862	457,242	551,551	187,717	\$2,443
2012					521,603	540,012	540,572	541,696	538,233	536,492	1,392,139	116,394	\$2,443
2013						588,566	589,991	575,727	568,481	568,744	5,323,532	19,395	\$2,550
2014							569,899	572,955	561,861	562,673	14,989,893	5,172	\$2,550
2015								583,490	582,177	581,699	24,325,638	2,550	\$2,550
2016									596,021	582,451	45,427,174	2,550	\$2,550
2017										550,769	159,385,635	2,100	\$2,550
									Total	\$4,916,644			
Accident Year	Cumulative paid losses and ALAE, net of reinsurance recoverable												
	For the years ended December 31, (unaudited)												
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017			
2008	\$164,563	\$284,203	\$317,660	\$331,628	\$336,700	\$339,436	\$340,305	\$340,495	\$340,649	\$340,726			
2009		153,561	270,633	309,115	322,313	326,575	328,647	329,386	329,793	330,032			
2010			182,160	332,625	374,717	391,125	397,254	401,597	403,976	404,805			
2011				201,769	374,930	423,456	442,710	450,718	454,637	456,030			
2012					246,387	444,359	501,466	521,104	529,190	533,039			
2013						271,961	477,408	530,162	548,631	556,695			
2014							270,893	470,297	521,257	539,701			
2015								282,064	488,501	537,670			
2016									290,108	483,874			
2017										265,959			
										Total	\$4,448,532		
											Outstanding liabilities for unpaid losses and ALAE prior to 2008, net of reinsurance recoverable	1,116	
											Total outstanding liabilities for unpaid losses and ALAE, net of reinsurance recoverable	\$469,228	

- (1) The cumulative number of reported claims is measured by individual claimant at a coverage level. Calculated severity amounts by accident year are based on inception-to-date incurred less IBNR and expected development dollars and reported claims. Note that older accident years are more developed than recent accident years.
- (2) The cumulative number of reported claims is measured by individual claimant at a coverage level. Calculated severity amounts by accident year are based on inception-to-date incurred less IBNR and expected development dollars and reported claims. Note that older accident years are more developed than recent accident years.

Personal Auto - Physical Damage

Accident Year	Incurred losses and ALAE, net of reinsurance recoverable										IBNR & expected development	Cumulative number of reported claims	Severity
	For the years ended December 31, (unaudited)												
2008													
2009													
2010													
2011													
2012													
2013													
2014													
2015													
2016													
2017													

	(unaudited)										on claims reported	on claims reported
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2017	2017
2008	\$174,923	\$167,898	\$168,284	\$168,261	\$168,366	\$168,353	\$168,356	\$168,252	\$168,272	\$168,299	\$-95,511	\$1,704
2009		140,256	137,104	137,949	137,972	138,983	141,594	142,685	143,208	144,613	—84,871	1,704
2010			154,850	153,279	152,628	152,651	152,753	152,656	152,670	152,772	—100,585	1,519
2011				183,016	179,265	178,993	179,399	179,090	179,043	179,128	—120,196	1,490
2012					218,216	210,510	210,690	209,905	209,933	209,994	(0)143,891	1,459
2013						216,472	215,469	213,701	213,888	214,007	70145,504	1,470
2014							237,379	223,130	223,068	223,014	15740,849	1,582
2015								255,569	258,967	258,293	41849,543	1,724
2016									278,305	269,680	1,5547,334	1,820
2017										265,045	28,832	1,747
									Total	\$2,084,845		

Accident Year	Cumulative paid losses and ALAE, net of reinsurance recoverable											
	For the years ended December 31, (unaudited)											
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017		
2008	\$155,754	\$168,890	\$168,207	\$168,248	\$168,363	\$168,386	\$168,368	\$168,336	\$168,311	\$168,299		
2009		131,593	137,902	138,063	138,150	138,878	141,385	142,403	143,282	143,363		
2010			143,751	153,295	152,821	152,759	152,770	152,812	152,805	152,797		
2011				172,598	179,315	179,066	179,209	179,274	179,224	179,196		
2012					204,047	210,945	210,170	210,102	210,164	210,119		
2013						208,503	214,631	214,026	214,139	214,138		
2014							214,491	224,311	223,430	223,204		
2015								248,200	260,349	258,747		
2016									264,108	271,370		
2017										251,865		
										Total	\$2,073,098	
											Outstanding liabilities for unpaid losses and ALAE prior to 2008, net of reinsurance recoverable	4
											Total outstanding liabilities for unpaid losses and ALAE, net of reinsurance recoverable	\$11,752

- (1) The cumulative number of reported claims is measured by individual claimant at a coverage level.
- (2) Calculated severity amounts by accident year are based on inception-to-date incurred less IBNR and expected development dollars and reported claims. Note that older accident years are more developed than recent accident years.

Commercial Auto - Liability

Accident Year	Incurred losses and ALAE, net of reinsurance recoverable		IBNR & Cumulative expected development on reported claims	Severity (2)
	For the years ended December 31,			



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(unaudited)													
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2017	2017	
2008	\$20,258	\$17,047	\$14,845	\$14,778	\$14,218	\$13,939	\$13,865	\$13,890	\$13,890	\$13,889	\$ -4,100	\$3,387	
2009		30,227	26,644	25,977	23,687	22,332	22,265	22,137	22,120	22,109	—	5,878	3,761
2010			34,557	32,609	29,343	28,020	26,881	27,332	26,949	26,917	—	7,276	3,699
2011				33,090	32,272	29,448	28,318	28,396	27,772	27,798	44	7,613	3,646
2012					42,396	38,781	38,144	38,279	37,722	37,077	51	8,681	4,265
2013						52,590	42,327	43,025	42,317	41,342	376	9,688	4,228
2014							54,452	52,320	53,700	54,883	1,516	1,399	4,682
2015								67,731	70,252	74,418	2,405	3,809	5,215
2016									79,025	80,418	6,591	4,651	5,039
2017										89,425	33,014	0,085	4,005
											Total	\$468,275	

Cumulative paid losses and ALAE, net of reinsurance recoverable													
For the years ended December 31,													
(unaudited)													
Accident Year	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017			
2008	\$5,471	\$10,367	\$12,124	\$13,224	\$13,780	\$13,841	\$13,842	\$13,888	\$13,888	\$13,888			
2009		8,704	16,508	20,695	21,481	21,962	22,073	22,084	22,090	22,106			
2010			10,156	19,375	23,600	25,678	26,177	26,774	26,838	26,850			
2011				11,046	21,665	25,402	26,768	27,489	27,641	27,721			
2012					14,608	27,182	33,381	35,505	36,469	36,840			
2013						15,276	30,953	36,150	38,178	39,464			
2014							18,518	36,152	44,168	49,167			
2015								24,840	49,828	60,558			
2016									27,539	52,993			
2017										29,203			
											Total	\$358,792	
												Outstanding liabilities for unpaid losses and ALAE prior to 2008, net of reinsurance recoverable	8
												Total outstanding liabilities for unpaid losses and ALAE, net of reinsurance recoverable	\$109,491

- (1) The cumulative number of reported claims is measured by individual claimant at a coverage level.
- (2) Calculated severity amounts by accident year are based on inception-to-date incurred less IBNR and expected development dollars and reported claims. Note that older accident years are more developed than recent accident years.
- Commercial Auto - Physical Damage

Accident Year	Incurred losses and ALAE, net of reinsurance recoverable										IBNR & expected development on reported claims	Cumulative number of reported claims (1)	Severity (2)
	For the years ended December 31,												
	(unaudited)												
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2017	2017	2017
2008	\$4,199	\$4,140	\$4,115	\$4,115	\$4,102	\$4,106	\$4,108	\$4,106	\$4,106	\$4,106	\$ —	2,495	\$1,646
2009		5,400	5,259	5,249	5,257	5,266	5,269	5,266	5,265	5,264	—	3,181	1,655
2010			6,765	6,540	6,538	6,519	6,515	6,513	6,511	6,510	—	3,929	1,657

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2011	7,204	6,822	6,754	6,734	6,734	6,735	6,732	—	3,884	1,733
2012		8,690	8,169	8,140	8,126	8,110	8,093	—	4,438	1,823
2013			9,567	9,112	9,057	9,090	9,082	—	4,744	1,914
2014				11,272	10,984	10,982	10,937	(0 )	5,362	2,040
2015					14,117	14,062	14,201	42	6,357	2,227
2016						16,512	16,273	150	6,917	2,331
2017							17,340	2,132	6,605	2,302
								Total	\$98,537	

Cumulative paid losses and ALAE, net of reinsurance recoverable

Accident Year	For the years ended December 31, (unaudited)											
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017		
2008	\$3,623	\$4,122	\$4,100	\$4,107	\$4,106	\$4,106	\$4,106	\$4,106	\$4,106	\$4,106		
2009		4,759	5,227	5,234	5,253	5,267	5,266	5,267	5,265	5,264		
2010			5,953	6,528	6,520	6,513	6,513	6,512	6,511	6,511		
2011				6,351	6,762	6,724	6,727	6,734	6,734	6,734		
2012					7,665	8,140	8,120	8,118	8,109	8,096		
2013						8,557	9,085	9,049	9,092	9,091		
2014							10,110	11,010	10,963	10,953		
2015								13,079	14,104	14,200		
2016									14,929	16,279		
2017										15,701		
										Total	\$96,935	
											Outstanding liabilities for unpaid losses and ALAE prior to 2008, net of reinsurance recoverable	—
											Total outstanding liabilities for unpaid losses and ALAE, net of reinsurance recoverable	\$1,602

- (1) The cumulative number of reported claims is measured by individual claimant at a coverage level.
- Calculated severity amounts by accident year are based on inception-to-date incurred less IBNR and expected development dollars and reported claims.
- (2) Note that older accident years are more developed than recent accident years.

The reconciliation of the net incurred and paid development tables to the liability for unpaid losses and LAE in the consolidated balance sheets is as follows (\$ in thousands):

	As of
	December
	31, 2017
Liabilities for unpaid losses and LAE:	
Personal Auto - Liability	\$ 469,228

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Personal Auto - Physical Damage	11,752
Commercial Auto - Liability	109,491
Commercial Auto - Physical Damage	1,602
Other Lines	7,821
Total liabilities for unpaid losses and LAE, net of reinsurance	599,894

Reinsurance recoverables:

Personal Auto - Liability	6,993
Personal Auto - Physical Damage	11,813
Commercial Auto - Liability	11,752
Commercial Auto - Physical Damage	48
Other Lines	1,003
Total reinsurance recoverables	31,609

Unallocated loss adjustment expenses	83,596
Gross liability for unpaid losses and LAE	\$ 715,098

Other Lines includes our roadside assistance coverage, which has been excluded from the Personal Auto triangles as the high frequency and low severity of these claims can distort analysis, as well as Classic Collector.

Incurred but not reported (IBNR) reserves are established for the quarter and year-end based on a quarterly reserve analysis by our actuarial staff. Various standard actuarial tests are applied to subsets of the business at a state, product and coverage basis. Included in the analyses are the following:

- Paid and incurred extrapolation methods utilizing paid and incurred loss development to predict ultimate losses;
- Paid and incurred frequency and severity methods utilizing paid and incurred claims count development and paid and incurred claims cost development to predict ultimate average frequency (claims count per policy or auto insured) or ultimate average severity (cost per claim); and
- Paid and incurred Bornhuetter-Ferguson methods adding expected development to actual paid or incurred experience to project ultimate losses.

For each subset of the business evaluated, each test generates a point estimate based on development factors applied to known paid and incurred losses and claim counts. Selections of development factors are based on historical loss development patterns with adjustment based on professional actuarial judgment where anticipated development patterns vary from those seen historically. Deviations from historical loss development patterns may occur due to changes in items such as claims settlement and payment practices, business mix, coverage limits and deductibles, inflation trends in auto repair and medical costs and legal and regulatory trends affecting claims settlements. This estimation of IBNR requires selection of hundreds of such factors. A single point estimate for the subset being evaluated is then selected from the results of various tests, based on a combination of simple averages of the point estimates of the various tests and selections based on professional actuarial judgment. During recent years, paid methods have been less reliable because of changes in settlement practices, so we have more heavily relied on incurred methods.

As described above, various actuarial methods are utilized to determine reserves that are booked to financials. Weightings of tests and methods at a detailed level may change from evaluation to evaluation based on a number of observations, measures and time elements. On an overall basis, changes to methods and/or assumptions underlying reserve estimations and selections as of December 31, 2017, were not considered material.

The following table provides supplementary information about the average annual percentage payout of incurred losses and ALAE, net of reinsurance:

	Average annual payout of losses and LAE, net of reinsurance (unaudited)									
	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10
Personal Auto - Liability	47.2%	35.7%	10.0%	3.9%	1.6%	0.9%	0.3%	0.1%	0.1%	0.1%
Personal Auto - Physical Damage	95.4%	4.5%	(0.4)%	(0.1)%	0.0%	0.2%	0.1%	0.1%	(0.1)%	0.4%
Commercial Auto - Liability	36.7%	35.1%	15.6%	7.1%	3.5%	1.5%	0.2%	0.1%	0.1%	0.0%

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Commercial Auto - Physical Damage 92.0% 8.1 % (0.2 %) 0.1 % 0.0% 0.0% 0.0% 0.0% 0.0 % 0.0%

Note 11 Reinsurance

The following table shows written and earned premium included in earnings for reinsurance assumed and amounts deducted from written and earned premium in connection with reinsurance ceded (\$ in thousands):

Year	Direct Written Premium	Reinsurance Assumed	Reinsurance Ceded	Net Written Premium	% of Amount Assumed to Net
2017	\$ 1,397,276	\$ 18	\$ (10,441 )	\$ 1,386,853	0.0 %
2016	1,401,378	36	(8,955 )	1,392,459	0.0 %
2015	1,387,864	2	(14,579 )	1,373,287	0.0 %

  

Year	Direct Earned Premium	Reinsurance Assumed	Reinsurance Ceded	Net Earned Premium	% of Amount Assumed to Net
2017	\$ 1,384,048	\$ 18	\$ (12,730 )	\$ 1,371,336	0.0 %
2016	1,403,682	34	(12,052 )	1,391,664	0.0 %
2015	1,360,473	4	(13,913 )	1,346,564	0.0 %

Assumed Reinsurance

Assumed business consists of business assumed from unaffiliated insurance companies and involuntary pools and associations.

We assumed \$9.4 million, \$9.7 million and \$10.0 million, respectively, at December 31, 2017, 2016 and 2015 of unpaid losses and LAE from unaffiliated insurance companies. We assumed less than \$1,000 in premium from unaffiliated insurance companies in 2017, 2016 and 2015.

During the twelve months ended December 31, 2017, 2016 and 2015, we assumed, from involuntary pools and associations, premium and unpaid losses and LAE of less than \$0.1 million each.

Ceded Reinsurance

We use excess of loss, catastrophe and extra-contractual loss reinsurance to mitigate the financial impact of large or catastrophic losses. During 2015 our catastrophe reinsurance protection was 100% of \$55 million in excess of \$5 million per event. During 2016 and 2017 our catastrophe reinsurance protection was \$95 million in excess of \$5 million per event. The first \$10 million of coverage was reinsured at 50% with the remaining layers at 100%. In September 2017 we added Third Event coverage of \$25 million in excess of the first \$5 million with the first \$10 million of coverage reinsured at 50%. During 2016, our excess of loss reinsurance was modified to provide protection for commercial auto losses up to \$500,000 for claims in excess of \$500,000 per occurrence. In addition, there was a 75% quota share for our general liability business. Effective June 1, 2017, the premium paid for our excess of loss reinsurance contract for our commercial auto business is now based on earned premium rather than written premium. Our extra-contractual loss reinsurance provides protection for losses up to \$10 million in excess of \$5 million for any single extra-contractual loss. We also use reinsurance to mitigate losses on our Classic Collector business.

Premium ceded for the twelve months ended December 31, 2017, includes the return of \$2.6 million of unearned premium due to the termination of the previous excess of loss contract.

Premium ceded for the twelve months ended December 31, 2016, includes the return of \$5.9 million of unearned premium due to the termination of the previous excess of loss contract. The \$1.8 million of ceding commissions associated with this unearned premium was returned to the reinsurers.

Ceded reinsurance for all programs reduced our incurred losses and LAE by \$33.9 million, \$8.0 million and \$4.3 million for the twelve months ended December 31, 2017, 2016 and 2015, respectively.

Note 12 Statutory Information

Capital and Surplus

Insurance companies are required to file financial statements with state insurance regulatory authorities prepared on an accounting basis prescribed or permitted by such authorities (statutory basis). Net earnings and capital and surplus on a statutory basis were as follows (\$ in thousands):

Statutory Net Earnings	Statutory Capital and Surplus
------------------------	-------------------------------

2017	2016	2015	2017	2016
\$67,323	\$62,247	\$61,379	\$665,459	\$669,301

For the twelve-month periods ended December 31, 2017, 2016 and 2015, statutory results differed from net earnings on a GAAP basis primarily due to the amortization of deferred acquisition costs, the basis difference in realized gains and holding company expenses, including interest.

At December 31, 2017, the consolidated amount of statutory capital and surplus necessary to satisfy regulatory requirements as defined by the National Association of Insurance Commissioners' (NAIC) Risk-Based Capital (RBC) calculation was \$134.0 million. This amount of statutory capital and surplus represents the Company Action Level (CAL) of minimum surplus. Falling below this level would require a company to prepare and submit an RBC plan to address the deficiency in surplus to the CAL to the commissioner of its state of domicile.

#### Restrictions on Transfer of Funds and Assets of Subsidiaries

As of December 31, 2017, there are no regulatory restrictions on the payment of dividends to our shareholders. However, our ability to declare and pay dividends will depend on the working capital in the holding company, as well as dividends received from our insurance subsidiaries.

Payments of dividends, loans and advances by our insurance subsidiaries are subject to certain restrictions under various state laws, federal regulations and debt covenants that limit the amount of dividends, loans and advances that can be paid. Under applicable restrictions, the maximum amount of dividends payable in 2018 from our insurance subsidiaries without regulatory approval is approximately \$67.9 million. Additional amounts of dividends, loans and advances require regulatory approval.

#### Note 13 Legal and Regulatory Proceedings

From time to time, we and our subsidiaries are named as defendants in various lawsuits incidental to our insurance operations. We consider legal actions relating to claims made in the ordinary course of seeking indemnification for a loss covered by the insurance policy in establishing loss and LAE reserves.

We also face in the ordinary course of business lawsuits that seek damages beyond policy limits, commonly known as extra-contractual claims, as well as class action and individual lawsuits that involve issues not unlike those facing other insurance companies and employers.

We continually evaluate potential liabilities and reserves for litigation of these types using the criteria established by the Contingencies topic of the FASB Accounting Standards Codification. Under this guidance, we may only record reserves for a loss if the likelihood of occurrence is probable and we can reasonably estimate the amount or range of the loss. When disclosing litigation or claims where a material loss is judged to be reasonably possible, we will disclose an estimated range of loss or state that an estimate cannot be made. We consider each legal action using this guidance and record reserves for losses as warranted by establishing a reserve captured within our Consolidated Balance Sheets line-items "Unpaid losses and loss adjustment expenses" for extra-contractual claims and "Other liabilities" for class action and other non-claims related lawsuits. We record amounts incurred on the Consolidated Statements of Earnings within "Losses and loss adjustment expenses" for extra-contractual claims and "Other expenses" for class action and other non-claims related lawsuits.

In *Reyes v. Infinity Indemnity Insurance Company* (Circuit Court of Miami-Dade County, Florida), which was initially filed on June 4, 2014, a third-party claimant was attempting to recover from Infinity a \$30 million consent judgment obtained against an Infinity policyholder for personal injuries suffered by the claimant. The plaintiff successfully appealed summary judgment, sending the matter back to the trial court. At mediation in December of 2017, we agreed to an opportunity to settle the lawsuit for \$12.5 million, of which 90% is covered by reinsurance, resulting in a net payment by Infinity of \$1.25 million. We expect the payment to be made in the first quarter of 2018.

The following legal actions have been brought against us for which we have accrued no loss, and for which an estimate of a possible range of loss cannot be made under the above rules. While it is not possible to predict the

ultimate outcome of these lawsuits, we do not believe they are likely to have a material effect on our financial condition or liquidity. However, losses incurred because of these cases could have a material adverse impact on net earnings in a given period.

As of December 31, 2017, pending putative (i.e., not certified) class action lawsuits that challenge certain of Infinity's business operations and practices included the following:

- allegations we sold a lessor liability endorsement affording only illusory coverage.
- a challenge to denial of personal injury protection benefits to a class of injured third parties in vehicle accidents.
- a challenge to our payment of a percentage of arbitration awards to collection agencies in successful intercompany arbitrations.
- allegations that we are obligated to reimburse Medicare or secondary payers for accident-related medical payments in which personal injury protection benefits were denied.

In addition to lawsuits, regulatory bodies, including state insurance departments and the Securities and Exchange Commission, among others, may make inquiries, investigate consumer complaints or conduct on-site examinations concerning specific business practices or compliance more generally. Such inquiries, investigations or examinations have in the past and may in the future directly or indirectly result in regulatory orders requiring remedial, injunctive or other actions or the assessment of substantial fines or other penalties.

During the first quarter of 2017, as a result of our review of certain business practices surrounding a California consumer complaint to the California Department of Insurance (CDI), a \$3.8 million adjustment was made to written and earned premium, reflecting premium returned to policyholders.

During the second quarter, the CDI inquired about how we estimate and adjust an insured's annual mileage driven. Under California's auto insurance regulations, annual miles driven is one of three mandatory factors used to determine insurance premium rates. Although we believe we were in compliance with applicable regulations, we opted to revise the methodology we employ during the renewal process for estimating changes in annual miles. This change resulted in lowering mileage on approximately 200,000 policies renewed predominately in years 2016 and 2017, and correspondingly lowering rates on those policies. Any excess premiums collected were returned to policyholders, which resulted in premium adjustments to written and earned premium for the second quarter of \$18.3 million and \$12.4 million, respectively. While we believe our policies fully comply with all state regulations, given the broad administrative and interpretative powers of state insurance departments, future and unanticipated judicial, regulatory or legislative changes may raise challenges over established rate, underwriting or claims practices.

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## INFINITY PROPERTY AND CASUALTY CORPORATION AND SUBSIDIARIES

## Notes to Consolidated Financial Statements

## Note 14 Commitments and Contingencies

## Commitments

Minimum rental commitments under non-cancelable leases with an initial or remaining term of more than one year as of December 31, 2017, were as follows (\$ in thousands):

Due In	Operating Leases	Capital Leases
2018	\$ 4,218	\$ 717
2019	2,761	704
2020	2,158	333
2021	1,927	202
2022	882	0
Thereafter	523	0
Total	\$ 12,469	\$ 1,956

All of these leases expire within six years. The most significant leased office spaces are located in Miami, Florida; Cerritos, California and Alpharetta, Georgia, with \$3.7 million, \$2.1 million and \$2.1 million, respectively, due over the remaining lease terms.

The operating leases above include leased vehicles. As vehicles are surrendered, they are sold for cash by the lessor. We guarantee that proceeds from sales will be at least equal to the lessor's depreciated book value. Otherwise, we are credited the excess or we pay the deficit. The lessor's depreciated book value at December 31, 2017, on the vehicles we lease was \$4.2 million, which represents the maximum deficit we would be required to pay if the lessor received no proceeds from the sale. Historically, we have not made any material additional rental payments due to surrendered vehicles. As of December 31, 2017, the current fair market value of the vehicles we lease was approximately \$4.4 million.

Lease expense incurred for all leases during the last three years was as follows (\$ in thousands):

Twelve months ended		
December 31,		
2017	2016	2015

Lease expense	\$6,505	\$6,688	\$9,611
---------------	---------	---------	---------

## Contingencies

Based on the criteria established by the Contingencies topic of the FASC, we have the following loss contingencies for which we accrue in our financial statements:

- Legal and regulatory proceedings [Note 13](#)
- Allowances for uncollectible accounts [Note 15](#)

For each item listed above, please refer to the notes referenced for additional discussion.

## Note 15 Additional Information

## Allowances for Uncollectible Accounts

Agents' balances and premium receivable included in the Consolidated Balance Sheets are net of allowances for uncollectible accounts. The provision for such losses is included in commissions and other underwriting expenses. A progression of the aggregate allowance follows (\$ in thousands):

	2017	2016	2015
Beginning balance	\$ 14,207	\$ 15,385	\$ 15,510
Provision for losses	15,761	17,095	19,080
Uncollectible amounts written off	(14,707 )	(18,273 )	(19,204 )
Ending balance	\$ 15,262	\$ 14,207	\$ 15,385

## Negative Cash Book Balances

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Negative cash book balances, included in the line item "Other liabilities" in the Consolidated Balance Sheets, were \$49.7 million, \$40.6 million and \$41.4 million at December 31, 2017, 2016 and 2015, respectively.

Note 16 Accumulated Other Comprehensive Income

The components of other comprehensive income before and after tax are as follows (\$ in thousands):

	Before Tax	Income Tax	Net
Twelve months ended December 31, 2017			
Accumulated change in post-retirement benefit liability, beginning of period	\$1,033	\$(361 )	\$671
Effect on other comprehensive income	(204 )	71	(133 )
Accumulated change in post-retirement benefit liability, end of period	829	(290 )	539
Accumulated unrealized gains on investments, net, beginning of period	11,133	(3,896 )	7,236
Other comprehensive income before reclassification	19,509	(6,085 )	13,424
Reclassification adjustment for OTTI losses included in net income	3,123	(1,093 )	2,030
Reclassification adjustment for realized gains included in net income	(5,343 )	1,870	(3,473 )
Effect on other comprehensive income	17,288	(5,308 )	11,981
Accumulated unrealized gains on investments, net, end of period	28,421	(9,204 )	19,217
Accumulated other comprehensive income, beginning of period	12,165	(4,258 )	7,907
Change in post-retirement benefit liability	(204 )	71	(133 )
Change in unrealized gains on investments, net	17,288	(5,308 )	11,981
Effect on other comprehensive income	17,085	(5,236 )	11,848
Accumulated other comprehensive income, end of period	\$29,250	\$(9,494)	\$19,756
Twelve months ended December 31, 2016			
Accumulated change in post-retirement benefit liability, beginning of period	\$944	\$(331 )	\$614
Effect on other comprehensive income	88	(31 )	57
Accumulated change in post-retirement benefit liability, end of period	1,033	(361 )	671
Accumulated unrealized gains on investments, net, beginning of period	11,072	(3,875 )	7,197
Other comprehensive income before reclassification	3,205	(1,122 )	2,084
Reclassification adjustment for OTTI losses included in net income	375	(131 )	243
Reclassification adjustment for realized gains included in net income	(3,519 )	1,232	(2,287 )
Effect on other comprehensive income	61	(21 )	40
Accumulated unrealized gains on investments, net, end of period	11,133	(3,896 )	7,236
Accumulated other comprehensive income, beginning of period	12,016	(4,206 )	7,811
Change in post-retirement benefit liability	88	(31 )	57
Change in unrealized gains on investments, net	61	(21 )	40
Effect on other comprehensive income	149	(52 )	97
Accumulated other comprehensive income, end of period	\$12,165	\$(4,258)	\$7,907



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## INFINITY PROPERTY AND CASUALTY CORPORATION AND SUBSIDIARIES

## Notes to Consolidated Financial Statements

Twelve months ended December 31, 2015	Before Tax	Income Tax	Net
Accumulated change in post-retirement benefit liability, beginning of period	\$174	\$(61 )	\$113
Effect on other comprehensive income	771	(270 )	501
Accumulated change in post-retirement benefit liability, end of period	944	(331 )	614
Accumulated unrealized gains on investments, net, beginning of period	35,972	(12,590 )	23,382
Other comprehensive income before reclassification	(22,091 )	7,732	(14,359)
Reclassification adjustment for OTTI losses included in net income	1,294	(453 )	841
Reclassification adjustment for realized gains included in net income	(4,102 )	1,436	(2,667 )
Effect on other comprehensive income	(24,900 )	8,715	(16,185)
Accumulated unrealized gains on investments, net, end of period	11,072	(3,875 )	7,197
Accumulated other comprehensive income, beginning of period	36,145	(12,651 )	23,494
Change in post-retirement benefit liability	771	(270 )	501
Change in unrealized gains on investments, net	(24,900 )	8,715	(16,185)
Effect on other comprehensive income	(24,129 )	8,445	(15,684)
Accumulated other comprehensive income, end of period	\$12,016	\$(4,206)	\$7,811

## Note 17 Segment Information

We manage our business based on product line and have three operating segments: Personal Auto, Commercial Auto and Classic Collector (our reportable segments are Personal Auto and Commercial Auto).

Our Personal Auto product provides coverage to individuals for liability to others for bodily injury and property damage and for physical damage to an insured's own vehicle from collision and various other perils. In addition, some states require policies to provide for first party personal injury protection, frequently referred to as no-fault coverage. Our Commercial Auto product provides coverage to businesses for liability to others for bodily injury and property damage and for physical damage to vehicles from collision and various other perils. We primarily target businesses with fleets of 10 or fewer vehicles and average 1.9 vehicles per policy. We avoid businesses that are involved in what we consider to be hazardous operations or interstate commerce.

Our Classic Collector product provides coverage to individuals with classic or antique automobiles for liability to others for bodily injury and property damage and for physical damage to an insured's own vehicle from collision and various other perils.

Expense allocations are based on certain assumptions and estimates primarily related to revenue and volume.

Depreciation and amortization expense, related to investments and debt issuance costs, are not allocated to a segment level. Total depreciation and amortization expense for 2017, 2016 and 2015 was \$37.7 million, \$35.0 million and \$34.7 million, respectively.

All segment revenues are generated from external customers. The following table provides revenues by segment and a reconciliation to "Total revenues" as reported on the Consolidated Statements of Earnings (\$ in thousands):

	Twelve months ended December 31,		
	2017	2016	2015
Gross written premium:			
Personal Auto	\$1,217,384	\$1,240,037	\$1,246,492
Commercial Auto	163,389	145,272	126,036
Classic Collector	16,520	16,105	15,339
Total gross written premium	1,397,294	1,401,414	1,387,866
Ceded reinsurance:			
Personal Auto	(6,366 )	(4,036 )	(3,301 )

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Commercial Auto <sup>(1)</sup>	(2,895 )	(4,098 )	(10,679 )
Classic Collector	(1,180 )	(821 )	(600 )
Total ceded reinsurance	(10,441 )	(8,955 )	(14,579 )
Net written premium:			
Personal Auto	1,211,019	1,236,001	1,243,191
Commercial Auto	160,494	141,174	115,357
Classic Collector	15,340	15,284	14,739
Total net written premium	1,386,853	1,392,459	1,373,287
Change in unearned premium:			
Personal Auto	(3,068 )	10,401	(17,901 )
Commercial Auto	(12,164 )	(10,990 )	(8,395 )
Classic Collector	(286 )	(205 )	(427 )
Total change in unearned premium	(15,517 )	(795 )	(26,723 )
Earned premium:			
Personal Auto	1,207,951	1,246,402	1,225,290
Commercial Auto	148,330	130,183	106,962
Classic Collector	15,055	15,079	14,312
Total earned premium	1,371,336	1,391,664	1,346,564
Installment and other fee income:			
Personal Auto	94,208	97,085	88,738
Commercial Auto	11,556	10,276	8,015
Classic Collector	0	0	0
Total installment and other fee income	105,764	107,361	96,753
Net investment income	37,262	35,537	36,800
Net realized gains on investments	2,220	3,145	2,809
Other income	1,404	1,000	1,106
Total revenues	\$1,517,987	\$1,538,706	\$1,484,032

(1) Effective June 1, 2016, we modified the terms on our excess or loss reinsurance contract for our commercial auto business. Premium ceded for the twelve months ended December 31, 2016, includes the return of \$5.9 million of unearned premium due to the termination of the previous excess of loss contract. Effective June 1, 2017, the premium paid for our excess of loss reinsurance contract for our commercial auto business is based on earned premium rather than written premium. Premium ceded during the twelve months ended December 31, 2017 includes the return of \$2.6 million of unearned premium due to the termination of the previous excess of loss contract.

Our management uses underwriting income and combined ratios calculated on a statutory accident year basis as primary measures of profitability. Statutory accident year underwriting income is calculated by subtracting losses and loss adjustment expenses and commissions and other underwriting expenses (including bad debt charge-offs on agents' balances and premium receivables) from the total of earned premium and installment and other fee income. The statutory accident year combined ratio represents the sum of the following ratios: (i) losses and LAE incurred, excluding development from prior accident years, as a percentage of net earned premium; and (ii) underwriting expenses incurred, including bad debt and net of fees, as a percentage of net written premium.

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The primary differences between the calculation of the statutory accident year used by management and the statutory calendar year combined ratios is the exclusion of bad debt charge-offs and the inclusion of development on prior accident year loss and LAE reserves.

Certain expenses are treated differently under statutory accounting principles. Under GAAP, commissions, premium taxes and other variable costs incurred in connection with successfully writing new and renewal business are capitalized as deferred policy acquisition costs and amortized on a pro rata basis over the period in which the related premium is earned. On a statutory basis, these items are expensed as incurred. Additionally, bad debt charge-offs on agents' balances and premium receivables are included in the GAAP combined ratios.

The following tables present the underwriting income and combined ratio on a statutory accident year basis with reconciliations to "Earnings before income taxes" as presented on the Consolidated Statements of Earnings (\$ in thousands). We do not allocate assets or "Provision for income taxes" to operating segments.

	Twelve months ended December 31, 2017											
	Personal Auto			Commercial Auto			Classic Collector		Total			
	Pre-tax Profit (Loss)	Combined Ratio <sup>(1)</sup>	%	Pre-tax Profit (Loss)	Combined Ratio <sup>(1)</sup>	%	Pre-tax Profit (Loss)	Combined Ratio <sup>(1)</sup>	%	Pre-tax Profit (Loss)	Combined Ratio <sup>(1)</sup>	
Statutory accident year underwriting income	\$46,924	96.1	%	\$4,544	95.5	%	\$(438)	102.2	%	\$51,029	96.1	%
Bad debt charge-offs	13,652			1,921			43			15,616		
Favorable (unfavorable) development on prior accident years	23,395			(5,466)			564			18,494		
Statutory calendar year underwriting income	83,971	93.0	%	999	98.0	%	169	98.2	%	85,139	93.6	%
Statutory-to-GAAP underwriting income differences										(19,017)		
GAAP calendar year underwriting income										66,122	95.2	%
Net investment income										37,262		
Net realized gains on investments										2,220		
Other income										1,404		
Interest expense										(14,043)		
Corporate general and administrative expenses										(9,769)		
Other expenses										(2,470)		
Earnings before income taxes										\$80,727		

(1) Management includes the provision for uncollectible accounts in the underwriting income and combined ratio on both statutory accident year and GAAP calendar year bases.

	Twelve months ended December 31, 2016											
	Personal Auto			Commercial Auto			Classic Collector		Total			
	Pre-tax Profit (Loss)	Combined Ratio <sup>(1)</sup>	%	Pre-tax Profit (Loss)	Combined Ratio <sup>(1)</sup>	%	Pre-tax Profit (Loss)	Combined Ratio <sup>(1)</sup>	%	Pre-tax Profit (Loss)	Combined Ratio <sup>(1)</sup>	
Statutory accident year underwriting income	\$21,766	98.4	%	\$1,905	97.0	%	\$1,022	92.8	%	\$24,692	98.2	%
Bad debt charge-offs	15,150			1,784			50			16,984		
Favorable (unfavorable) development on prior accident years	27,958			(3,582)			(375)			24,001		
Statutory calendar year underwriting income	64,874	94.9	%	106	98.5	%	697	94.9	%	65,677	95.3	%
										(19,555)		

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Statutory-to-GAAP underwriting income differences		
GAAP calendar year underwriting income	46,122	96.7 %
Net investment income	35,537	
Net realized gains on investments	3,145	
Other income	1,000	
Interest expense	(14,037 )	
Corporate general and administrative expenses	(7,899 )	
Other expenses	(1,736 )	
Earnings before income taxes	\$62,132	

(1) Management includes the provision for uncollectible accounts in the underwriting income and combined ratio on both statutory accident year and GAAP calendar year bases.

Twelve months ended December 31, 2015

	Personal Auto		Commercial Auto		Classic Collector		Total	
	Pre-tax Profit (Loss)	Combined Ratio <sup>(1)</sup>	Pre-tax Profit (Loss)	Combined Ratio <sup>(1)</sup>	Pre-tax Profit (Loss)	Combined Ratio <sup>(1)</sup>	Pre-tax Profit (Loss)	Combined Ratio <sup>(1)</sup>
Statutory accident year underwriting income	\$24,876	97.7 %	\$876	97.8 %	\$2,063	84.7 %	\$27,815	97.6 %
Bad debt charge-offs	17,413		1,557		44		19,013	
Favorable (unfavorable) development on prior accident years	33,633		(5,176)		469		28,926	
Statutory calendar year underwriting income	75,922	93.6 %	(2,743)	101.3 %	2,576	81.1 %	75,754	94.0 %
Statutory-to-GAAP underwriting income differences							(16,658 )	
GAAP calendar year underwriting income							59,096	95.6 %
Net investment income							36,800	
Net realized gains on investments							2,809	
Other income							1,106	
Interest expense							(14,029 )	
Corporate general and administrative expenses							(7,655 )	
Other expenses							(3,296 )	
Earnings before income taxes							\$74,832	

(1) Management includes the provision for uncollectible accounts in the underwriting income and combined ratio on both statutory accident year and GAAP calendar year bases.

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INFINITY PROPERTY AND CASUALTY CORPORATION AND SUBSIDIARIES

Notes to Consolidated Financial Statements

Note 18 Subsequent Events

On February 13, 2018, we announced the execution of an agreement whereby, subject to applicable regulatory approvals and the approval of our shareholders and other conditions described in the Form 10-K, Infinity will merge with and into Kemper Corporation. Kemper will be the surviving company in the merger and Infinity will become a subsidiary of Kemper.

PART IV

ITEM 15

Exhibits and Financial Statement Schedules

	Page
(a) Documents filed as part of this Report:	
1. Financial Statements are included in Part II, Item 8.	<u>29</u>
2. Financial Statement Schedules:	
A. Selected Quarterly Financial Data is included in Note 9 to the Consolidated Financial Statements.	<u>48</u>
B. Schedules filed herewith as of December 31, 2017:	
I – Summary of Investments (refer to Note 3)	<u>46</u>
II – Condensed Financial Information of Registrant	<u>53</u>
III – Supplementary Insurance Information	<u>55</u>
IV – Reinsurance (refer to Note 11)	<u>49</u>
V – Valuation and Qualifying Accounts (refer to Note 15)	<u>50</u>
VI – Supplemental Information Concerning Property-Casualty Insurance Operations (refer to <u>Note 10</u> and <u>Note 11</u> )	Not required

All other schedules for which provisions are made in the applicable regulation of the Securities and Exchange Commission have been omitted, as they are not applicable, not required, or the information required thereby is set forth in the Financial Statements or the notes thereto.

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## INFINITY PROPERTY AND CASUALTY CORPORATION 10-K

INFINITY PROPERTY AND CASUALTY CORPORATION – PARENT ONLY  
SCHEDULE II – CONDENSED FINANCIAL INFORMATION OF REGISTRANT

## Condensed Balance Sheets

(\$ in thousands)

	December 31,	
	2017	2016
Assets:		
Investment in subsidiaries	\$816,153	\$810,017
Fixed maturities – at fair value (amortized cost \$136,563 and \$132,039)	135,632	130,563
Equity securities – at fair value (cost \$2,372 and \$1,908)	2,628	1,991
Short-term investments - at fair value (amortized cost \$506 and \$509)	506	508
Cash and cash equivalents	34,833	25,384
Other assets	14,226	14,276
Total assets	\$1,003,977	\$982,739
Liabilities and Shareholders' Equity:		
Long-term debt	273,809	273,591
Other liabilities	8,992	8,970
Payable to affiliates	895	991
Shareholders' equity	720,281	699,187
Total liabilities and shareholders' equity	\$1,003,977	\$982,739

## Condensed Statements of Earnings

(\$ in thousands)

	Twelve months ended December 31,					
	2017	2016	% Change	2015	% Change	
Income:						
Income in equity of subsidiaries	\$58,971	\$55,734	5.8	% \$63,511	(12.2)	%
Net investment income	2,897	2,412	20.1	% 2,074	16.3	%
Realized (loss) gain on investments	(460 )	117	(492.4)	% 77	51.4	%
Other income	0	0	0.0	% 1	(100.0)	%
Total income	61,408	58,263	5.4	% 65,663	(11.3)	%
Costs and Expenses:						
Interest expense	13,968	13,958	0.1	% 13,947	0.1	%
Corporate general and administrative expenses	9,769	7,899	23.7	% 7,655	3.2	%
Other expense	0	18	(100.0)	% 26	(31.8)	%
Total expenses	23,737	21,874	8.5	% 21,628	1.1	%
Earnings before income taxes	37,671	36,389	3.5	% 44,035	(17.4)	%
Provision for income taxes	(7,713 )	(6,696 )	15.2	% (7,445 )	(10.1)	%
Net earnings	\$45,384	\$43,085	5.3	% \$51,481	(16.3)	%

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## INFINITY PROPERTY AND CASUALTY CORPORATION 10-K

## INFINITY PROPERTY AND CASUALTY CORPORATION – PARENT ONLY

## Condensed Statements of Cash Flows

(\$ in thousands)

	Twelve months ended		
	December 31,		
	2017	2016	2015
Operating Activities:			
Net income	\$45,384	\$43,085	\$51,481
Equity in consolidated subsidiaries	(58,971 )	(55,734 )	(63,511 )
Excess tax benefits from share-based payment arrangements	0	157	298
Other	5,349	2,800	2,910
Net cash used in operating activities	(8,238 )	(9,692 )	(8,822 )
Investing Activities:			
Purchases of fixed maturities	(44,698 )	(36,202 )	(35,477 )
Purchases of short-term investments	(515 )	(1,905 )	(1,602 )
Maturities and redemptions of fixed maturities	19,947	25,904	15,410
Maturities and redemptions of short-term investments	500	1,370	1,285
Proceeds from sale of fixed maturities	17,236	13,874	14,784
Proceeds from sale of short-term investments	0	1,061	0
Dividends received from subsidiary <sup>(1)</sup>	66,000	38,378	52,726
Net cash provided by investing activities	58,470	42,481	47,126
Financing Activities:			
Proceeds from stock options exercised and employee stock purchases	285	256	259
Acquisition of treasury stock	(15,535 )	(11,953 )	(29,481 )
Dividends paid to shareholders	(25,533 )	(22,993 )	(19,528 )
Net cash used in financing activities	(40,783 )	(34,691 )	(48,750 )
Net increase (decrease) in cash and cash equivalents	9,449	(1,902 )	(10,445 )
Cash and cash equivalents at beginning of period	25,384	27,286	37,731
Cash and cash equivalents at end of period	\$34,833	\$25,384	\$27,286

(1) The parent received \$21.6 million and \$15.7 million in the form of securities from subsidiaries in 2016 and 2015, respectively, not reflected in the above cash flows.

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## INFINITY PROPERTY AND CASUALTY CORPORATION 10-K

## SCHEDULE III – SUPPLEMENTARY INSURANCE INFORMATION

THREE YEARS ENDED DECEMBER 31, 2017

(\$ in thousands)

COLUMN A	COLUMN B	COLUMN C	COLUMN D	COLUMN E	COLUMN F	COLUMN G	COLUMN H	COLUMN I	COLUMN J	COLUMN K
Segment	Deferred Policy Acquisition Costs	Future Policy Benefits, Losses, Claims and Loss Expenses	Unearned Premium	Other Policy Claims and Revenue Benefits Payable	Premium Revenue	Net Investment Income (1)	Benefits, Claims, Losses, and Settlement Expenses	Amortization of Deferred Policy Acquisition Costs	Other Operating Expenses	Premiums Written
2017										
Personal Auto	\$75,486	\$574,224	\$536,504		\$1,207,951		\$922,826	\$179,584	\$133,751	\$1,211,019
Commercial Auto	11,657	134,953	82,852		148,330		121,434	18,927	19,471	160,494
Classic Collector	1,156	5,921	8,219		15,055		9,437	2,197	3,351	15,340
Total	\$88,300	\$715,098	\$627,575	\$0	\$1,371,336	\$37,262	\$1,053,697	\$200,708	\$156,573	\$1,386,853
2016										
Personal Auto	\$79,429	\$573,249	\$533,436		\$1,246,402		\$981,360	\$185,473	\$130,772	\$1,236,001
Commercial Auto	10,526	106,956	72,978		130,183		106,031	19,363	15,448	141,174
Classic Collector	1,181	5,250	7,934		15,079		9,364	2,247	2,845	15,284
Total	\$91,136	\$685,455	\$614,347	\$0	\$1,391,664	\$35,537	\$1,096,755	\$207,083	\$149,065	\$1,392,459
2015										
Personal Auto	\$82,881	\$580,983	\$543,837		\$1,225,290		\$937,694	\$185,325	\$131,277	\$1,243,191
Commercial Auto	9,098	85,040	65,084		106,962		90,849	16,176	11,153	115,357
Classic Collector	1,178	3,942	7,728		14,312		7,459	2,167	2,122	14,739
Total	\$93,157	\$669,965	\$616,649	\$0	\$1,346,564	\$36,800	\$1,036,001	\$203,667	\$144,552	\$1,373,287

(1) We do not allocate investment income to operating segments.

## ITEM 16

## Form 10-K Summary

None.





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## INFINITY PROPERTY AND CASUALTY CORPORATION AND SUBSIDIARIES

Pursuant to the requirements of Section 13 or 15(d) of the Securities Exchange Act of 1934, Infinity Property and Casualty Corporation has duly caused this Report to be signed on its behalf by the undersigned, thereunto duly authorized.

Signed: February 15, 2018  
Infinity Property and Casualty  
Corporation

By: /S/ GLEN N. GODWIN  
Glen N. Godwin  
Chief Executive Officer

We, the undersigned directors and officers of Infinity Property and Casualty Corporation, hereby severally constitute and appoint Glen N. Godwin and Robert H. Bateman, and each of them singly, our true and lawful attorneys with full power to them and each of them to sign for us, in our names in the capacities indicated below, and any and all amendments to this Annual Report on Form 10-K filed with the Securities and Exchange Commission.

Pursuant to the requirements of the Securities Exchange Act of 1934, this Report has been signed below by the following persons on behalf of the Registrant and in the capacities and on the dates indicated:

Signature	Capacity	Date
/S/ GLEN N. GODWIN Glen N. Godwin	Director and Chief Executive Officer (principal executive officer)	February 15, 2018
/S/ ROBERT H. BATEMAN Robert H. Bateman	Executive Vice President, Chief Financial Officer, and Treasurer (principal financial officer)	February 15, 2018
/S/ AMY K. JORDAN Amy K. Jordan	Senior Vice President (principal accounting officer)	February 15, 2018
/S/ JAMES R. GOBER James R. Gober	Executive Chairman of the Board of Directors	February 15, 2018
/S/ VICTOR T. ADAMO Victor T. Adamo	Director*	February 15, 2018
/S/ RICHARD J. BIELEN Richard J. Bielen	Director*	February 15, 2018
/S/ ANGELA BROCK-KYLE Angela Brock-Kyle	Director*	February 15, 2018

/S/ TERESA A. CANIDA Teresa A. Canida	Director	February 15, 2018
/S/ HAROLD E. LAYMAN Harold E. Layman	Director*	February 15, 2018
/S/ E. ROBERT MEANEY E. Robert Meaney	Director*	February 15, 2018
/S/ JAMES L. WEIDNER James L. Weidner	Director*	February 15, 2018
/S/ SAMUEL J. WEINHOFF Samuel J. Weinhoff	Director	February 15, 2018

\*Member of the Audit Committee

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INDEX TO EXHIBITS

Number Exhibit Description

- 2.1 Agreement and Plan of Merger, dated as of February 13, 2018 by and among Kemper Corporation, Vulcan Sub, Inc. and Infinity Property and Casualty Corporation (incorporated by reference to Exhibit 2.1 to Infinity's Form 8-K filed on February 14, 2018)
- 3.1 Amended and Restated Articles of Incorporation (incorporated by reference to Exhibit 3.1 to Infinity's Form 10-Q filed on August 8, 2007)
- 3.2 Amended and Restated Regulations (incorporated by reference to Infinity's Form 8-K filed on August 3, 2017)
- 4.1 Form of Senior Indentures, dated August 6, 2010, between Infinity and U.S. Bank National Association, as Trustee (incorporated by reference to Exhibit 4.4 to Infinity's Form S-3 filed on August 6, 2010)
- 4.2 Form of Subordinated Indenture between Infinity and U.S. Bank National Association, as Trustee (incorporated by reference to Exhibit 4.5 to Infinity's Form S-3 filed on August 6, 2010)
- 4.3 Form of Junior Subordinated Indenture between Infinity and U.S. Bank National Association, as Trustee (incorporated by reference to Exhibit 4.6 to Infinity's Form S-3 filed on August 6, 2010)
- 4.4 First Supplemental Indenture to Senior Indenture, dated September 17, 2012, between Infinity and U.S. Bank National Association, as Trustee (incorporated by reference to Exhibit 4.1 to Infinity's Form 8-K filed on September 17, 2012)

Material Contracts:

- 10.1 Reinsurance Agreement between Infinity Standard Insurance Company [formerly known as Windsor Insurance Company], as Reinsurer, and Great American Insurance Company and Affiliates, as Reassured (incorporated by reference to Exhibit 10.4 to Infinity's Form 10-K filed on March 31, 2003)
- 10.2 Side Letter Agreement to amend Reinsurance Agreement between Infinity Standard Insurance Company [formerly known as Windsor Insurance Company], as Reinsurer, and Great American Insurance Company and Affiliates, as Reassured (incorporated by reference to Exhibit 10 to Infinity's Form 8-K filed on February 1, 2007)
- 10.3 Tax Allocation Agreement, dated December 31, 2003, and effective February 13, 2003, by and among Infinity and its Subsidiaries (incorporated by reference to Exhibit 10.24 to Infinity's Form 10-K/A filed on April 2, 2004)
- 10.4 Second Amended and Restated Credit Agreement, dated August 31, 2017, between Infinity Property and Casualty Corporation, Infinity Insurance Company and Regions Bank (incorporated by reference to Exhibit 10 to Infinity's Form 8-K filed on September 6, 2017)
- 10.5 Amended and Restated Employee Stock Purchase Plan (incorporated by reference to Exhibit 10 to Infinity's Form 10-Q filed on August 6, 2010) (\*)

- 10.6 Deferred Compensation Plan, as amended and restated effective January 1, 2005 (incorporated by reference to Exhibit 10.9 to Infinity's Form 10-K filed February 26, 2010) (\*)
- 10.7 Supplemental Retirement Plan, as amended and restated effective January 1, 2010 (incorporated by reference to Exhibit 10.10 to Infinity's Form 10-K filed February 26, 2010) (\*)
- 10.8 Employment Agreement for James R. Gober (incorporated by reference to Exhibit 10.1 to Infinity's Form 8-K filed on September 17, 2014) (\*)
- 10.9 Amendment Number 1 to the Employment Agreement for James R. Gober (incorporated by reference to Exhibit 10.1 to Infinity's Form 8-K filed on August 9, 2017) (\*)
- 10.10 Employment Agreement for Glen N. Godwin (incorporated by reference to Exhibit 10.2 to Infinity's Form 8-K filed on September 17, 2014) (\*)
- 10.11 Amendment Number 1 to the Employment Agreement for Glen N. Godwin (incorporated by reference to Exhibit 10.2 to Infinity's Form 8-K filed on August 9, 2017) (\*)
- 10.12 Amendment Number 2 to the Employment Agreement for Glen N. Godwin (incorporated by reference to Exhibit 10.2 to Infinity's Form 8-K filed on November 2, 2017) (\*)
- 10.13 Employment Agreement for Samuel J. Simon (incorporated by reference to Exhibit 10.4 to Infinity's Form 8-K filed on September 17, 2014) (\*)

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10.14	Amendment Number 1 to the Employment Agreement for Samuel J. Simon (incorporated by reference to Exhibit 10.3 to Infinity's Form 8-K filed on August 9, 2017)	(*)
10.15	Amendment Number 2 to the Employment Agreement for Samuel J. Simon (incorporated by reference to Exhibit 10.3 to Infinity's Form 8-K filed on November 2, 2017)	(*)
10.16	Annual Executive Bonus Plan (incorporated by reference to Appendix A to Infinity's Definitive Proxy Statement, Schedule 14A filed on April 15, 2015)	(*)
10.17	Form of Performance Share Award Agreement (incorporated by reference to Exhibit 10 to Infinity's Form 10-Q filed on May 8, 2014)	(*)
10.18	Third Amended and Restated 2013 Stock Incentive Plan (incorporated by reference to Exhibit 10.1 to Infinity's Form 8-K filed on November 2, 2017)	(*)
10.19	Form of Restricted Share Award Agreement (incorporated by reference to Exhibit 10.25 to Infinity's Form 10-Q filed on February 26, 2015)	(*)
10.20	Employment Agreement for Robert H. Bateman (incorporated by reference to Exhibit 10 to Infinity's Form 8-K filed on October 22, 2015)	(*)
10.21	Form of Indemnification Agreement (incorporated by reference to Exhibit 10.25 of Infinity's Form 10-K filed on February 25, 2016)	(*)
10.22	Form of Amended and Restated Restricted Share Award Agreement (incorporated by reference to Exhibit 10.1 to Infinity's Form 8-K filed on November 2, 2017)	(*)
10.23	Form of Voting and Support Agreement, dated as of February 13, 2018 between Infinity Property and Casualty Corporation and each director and named executive officer of Kemper Coporation that is a signatory thereto (incorporated by reference to Exhibit 10.2 to Infinity's Form 8-K filed on February 14, 2018)	
10.24	<u>First Amendment to the Infinity Property and Casualty Corporation Deferred Compensation Plan</u>	
10.25	<u>First Amendment to the Infinity Supplemental Retirement Plan</u>	
10.26	<u>Amendment Number 3 to the Employment Agreement for Glen N. Godwin</u>	(*)
10.27	<u>Amendment Number 3 to the Employment Agreement for Samuel J. Simon</u>	(*)
10.28	<u>Amendment Number 1 to the Employment Agreement for Robert H. Bateman</u>	(*)
21	<u>Subsidiaries of the Registrant</u>	
23	<u>Consent of Independent Registered Public Accounting Firm</u>	

- 31.1 [Certification of the Chief Executive Officer under Exchange Act Rule 13a-14\(a\).](#)
- 31.2 [Certification of the Chief Financial Officer under Exchange Act Rule 15d-14\(a\).](#)
- 32 [Section 1350 Certification of Chief Executive Officer and Chief Financial Officer](#)
- 101.INS XBRL Instance Document
- 101.SCH XBRL Taxonomy Extension Schema
- 101.CAL XBRL Taxonomy Extension Calculation Linkbase
- 101.DEF XBRL Taxonomy Extension Definition Linkbase
- 101.LAB XBRL Taxonomy Extension Label Linkbase
- 101.PRE XBRL Taxonomy Extension Presentation Linkbase

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(\*)Management Contract or Compensatory Plan or Arrangement.