

P&C (Re)Insurer's Share Buyback ROI

2013 - 2017



P&C (Re)Insurer's Share Buyback ROI

Goal

The goal of this analysis is to calculate the historical return on investment (ROI) of share buybacks for P&C (re)insurance companies over the past 20 quarters (2013 - 2017). This is one way to measure whether companies have effectively allocated their capital to share buybacks. We split the buyback ROI into two components – overall buyback ROI and buyback effectiveness - to understand how well a company has timed their share repurchases.

The methodology used is inherently backwards looking and answers the question:

Based on what we know now (i.e. a company's stock price over the period), did the company achieve a reasonable return on their cash spent buying back shares?

Methodology

The buyback ROI is calculated based on three items:

- 1. The cash outflows associated with share repurchases each quarter
- 2. The implied cash inflows of dividends (common and special) "avoided" by repurchasing shares
- 3. A final cash inflow related to the total value of the cumulative shares repurchased

Given this set of cash flows, we then calculate the annualized internal rate of return to give us the buyback ROI.

An additional metric to calculate is the "buyback effectiveness" return. This metric isolates the impact of management timing in repurchasing shares by backing out the total shareholder return over the time period from the buyback ROI. Buyback effectiveness equals one plus buyback ROI divided one plus total shareholder return (minus one). This metric highlights companies that successfully buyback more shares right before their stock price increases and buy less before their stock decreases.

P&C (Re)Insurer's Share Buyback ROI

Data used

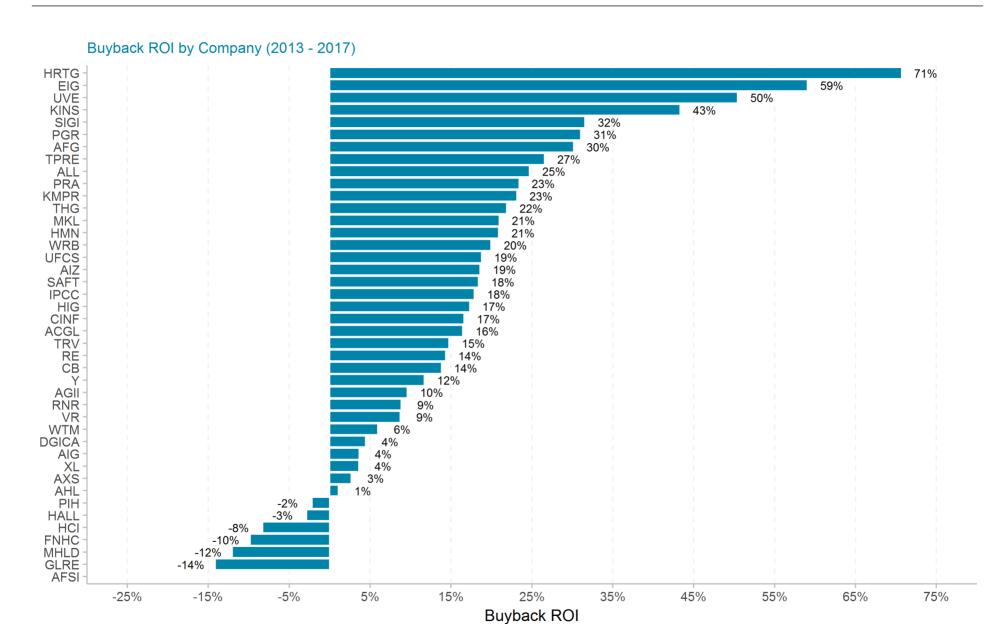
The data used for this analysis is from SEC Forms 10-Q and 10-K for each company over the time period of 2013 - 2017 on a quarterly basis, per S&P Global Market Intelligence.

- Number of shares repurchased in the quarter
- Average price per share for shares repurchased
- Common shares outstanding
- Common dividend per share
- Special dividend per share
- Book value per share

Additionally, historical share price data was downloaded from Yahoo Finance.

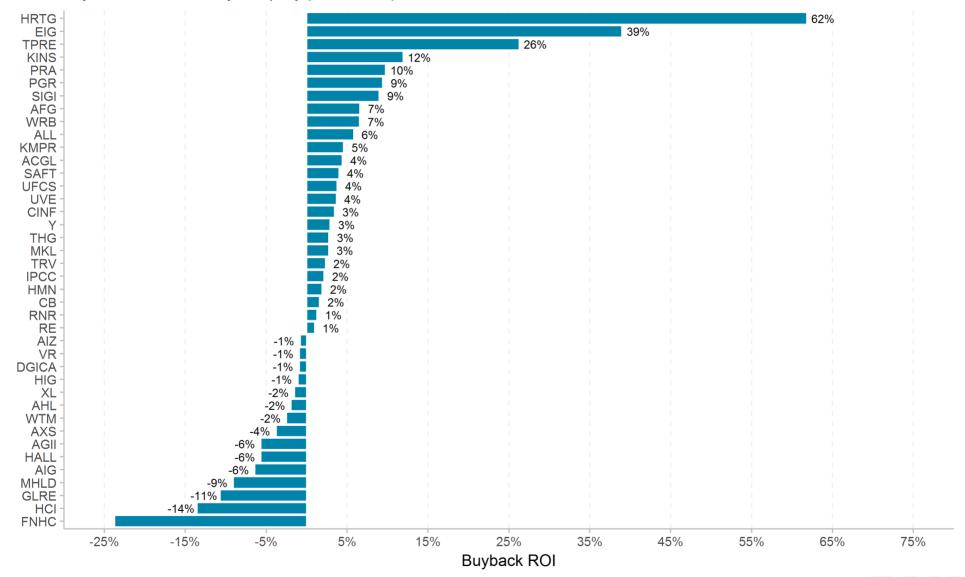


Buyback ROI by Company

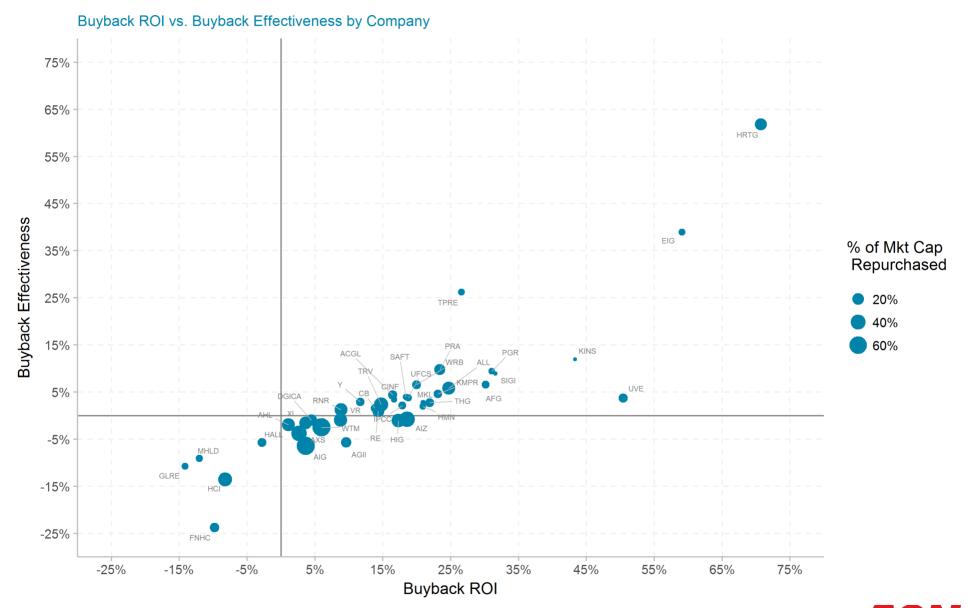


Buyback Effectiveness by Company





Buyback ROI vs. Buyback Effectiveness by Company

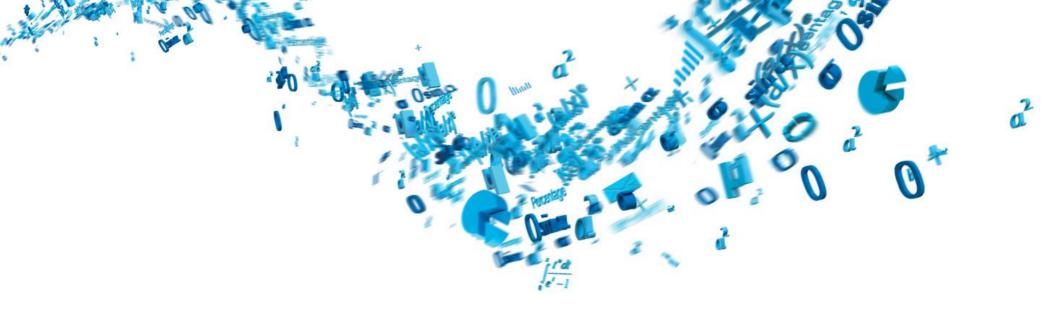


Top 25 most effective share repurchasers

Top 25 most effective share repurchasers

Ticker	# of quarters	Current Mkt Cap (\$m)	Initial Shares (mil)	Shares Repurchased (mil)	Dollar Repurchased (\$m)	Percent of Initial Shares Repurchased	Percent of Mkt Cap Repurchased	Total Shareholder Return	Buyback ROI	Buyback Effectiveness
HRTG	15	417	29.8	7.1	88	23.8%	21.1%	5.5%	70.7%	61.8%
EIG	20	1,340	30.9	1.4	42	4.7%	3.1%	14.5%	59.1%	39.0%
TPRE	18	1,380	103.9	3.9	48	3.8%	3.5%	0.2%	26.6%	26.3%
KINS	20	183	3.8	0.1	1	3.5%	0.6%	28.1%	43.3%	11.9%
PRA	20	2,530	61.8	9.3	426	15.1%	16.9%	12.4%	23.4%	9.8%
PGR	20	35,110	603.2	37.0	1,008	6.1%	2.9%	19.8%	31.0%	9.4%
SIGI	20	3,480	55.5	0.8	22	1.4%	0.6%	20.7%	31.5%	9.0%
AFG	20	10,060	89.9	8.8	534	9.8%	5.3%	22.1%	30.2%	6.6%
WRB	20	9,420	136.0	17.4	809	12.8%	8.6%	12.6%	19.9%	6.6%
ALL	20	34,540	468.0	157.4	9,313	33.6%	27.0%	17.9%	24.7%	5.8%
KMPR	20	3,480	58.3	7.7	269	13.2%	7.7%	17.8%	23.1%	4.6%
ACGL	20	10,950	133.1	17.9	1,052	13.5%	9.6%	11.5%	16.5%	4.4%
SAFT	20	1,220	15.4	0.6	28	3.6%	2.3%	13.8%	18.4%	4.0%
UFCS	20	1,250	25.3	1.4	51	5.5%	4.0%	14.5%	18.8%	3.8%
UVE	20	1,140	40.7	12.4	113	30.5%	9.9%	45.1%	50.4%	3.7%
CINF	20	11,550	163.0	4.9	285	3.0%	2.5%	12.8%	16.6%	3.4%
Υ	20	8,850	16.8	1.5	669	9.2%	7.6%	8.5%	11.7%	2.9%
THG	20	4,890	44.0	6.2	428	14.0%	8.8%	18.6%	21.9%	2.7%
MKL	20	15,700	9.6	0.3	199	2.7%	1.3%	17.7%	21.0%	2.7%
TRV	20	35,570	376.4	128.6	12,929	34.2%	36.3%	12.1%	14.8%	2.3%
IPCC	20	1,440	11.6	1.0	79	9.0%	5.5%	15.4%	17.9%	2.1%
HMN	20	1,830	39.7	1.8	54	4.5%	3.0%	18.6%	20.9%	1.9%
СВ	20	63,200	340.0	34.1	3,800	10.0%	6.0%	12.0%	13.8%	1.6%
RNR	20	5,450	44.5	14.7	1,521	33.0%	27.9%	7.5%	8.9%	1.3%
RE	20	9,530	50.0	12.8	2,008	25.6%	21.1%	13.2%	14.3%	1.0%



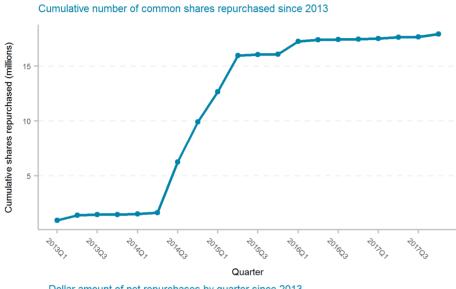


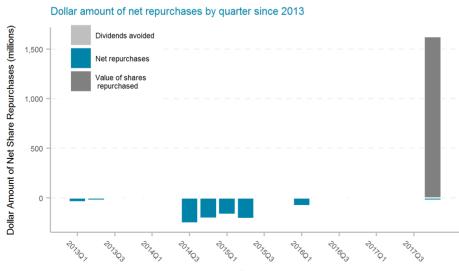
By Company Detail

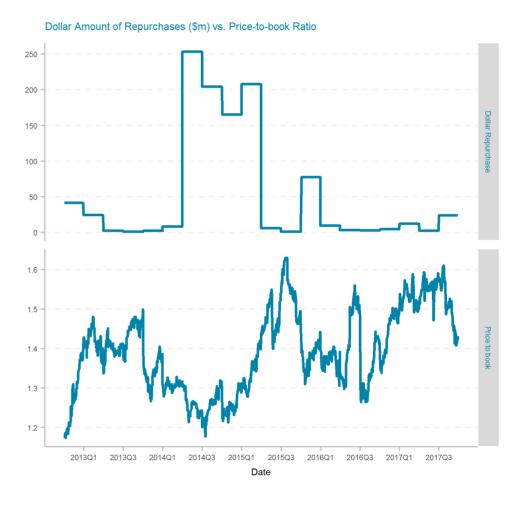


Arch Capital Group Ltd.

Ticker	# of quarters	Current Mkt Cap (\$m)	Initial Shares (mil)	Shares Repurchased (mil)	Dollar Repurchased (\$m)	Percent of Initial Shares Repurchased	Percent of Mkt Cap Repurchased	Total Shareholder Return	Buyback ROI	Buyback Effectiveness
ACGL	20	10,950	133.1	17.9	1,052	13.5%	9.6%	11.5%	16.5%	4.4%



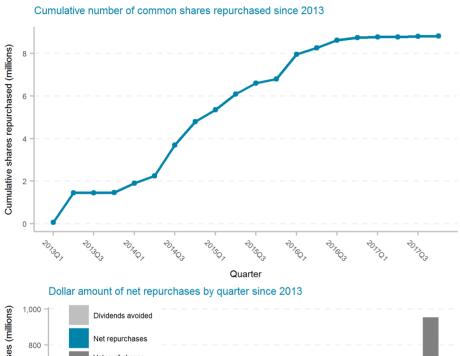


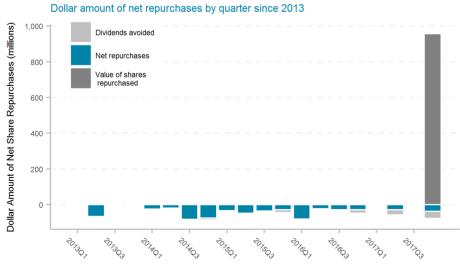


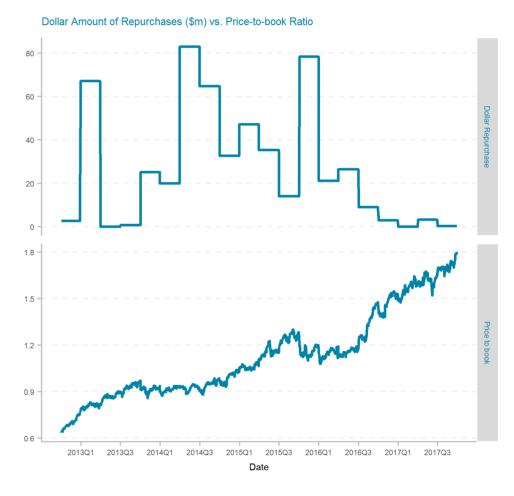


American Financial Group, Inc.

Ticker	# of quarters	Current Mkt Cap (\$m)	Initial Shares (mil)	Shares Repurchased (mil)	Dollar Repurchased (\$m)	Percent of Initial Shares Repurchased	Percent of Mkt Cap Repurchased	Total Shareholder Return	Buyback ROI	Buyback Effectiveness
AFG	20	10,060	89.9	8.8	534	9.8%	5.3%	22.1%	30.2%	6.6%



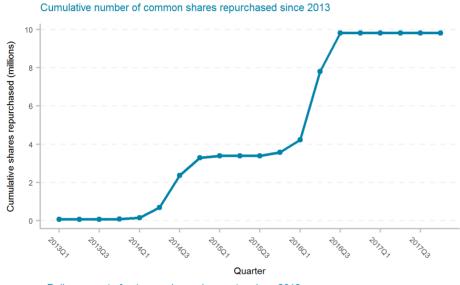


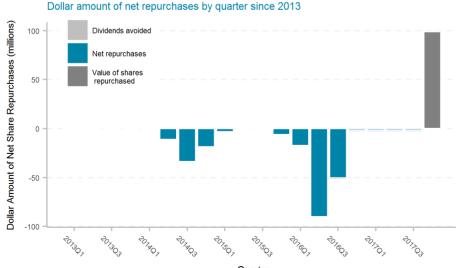


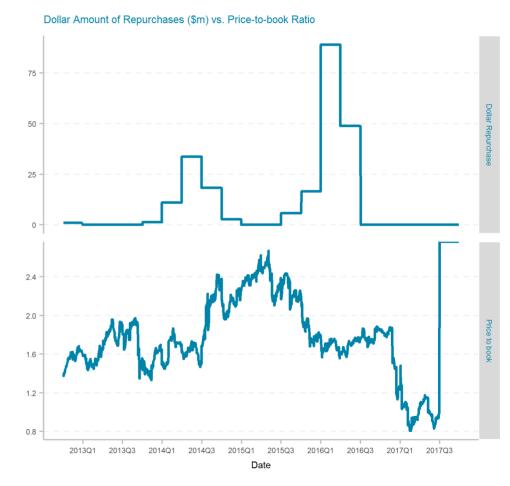


AmTrust Financial Services, Inc.

Ticker	# of quarters	Current Mkt Cap (\$m)	Initial Shares (mil)	Shares Repurchased (mil)	Dollar Repurchased (\$m)	Percent of Initial Shares Repurchased	Percent of Mkt Cap Repurchased	Total Shareholder Return	Buyback ROI	Buyback Effectiveness
AFSI	20	2,530	148.1	9.8	228	6.6%	9.0%	Inf%	-33.3%	-100.0%



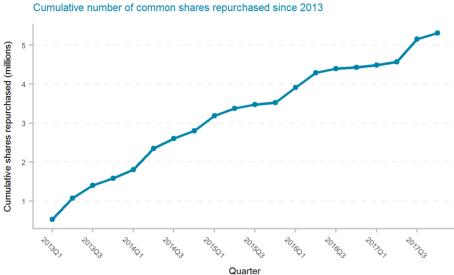


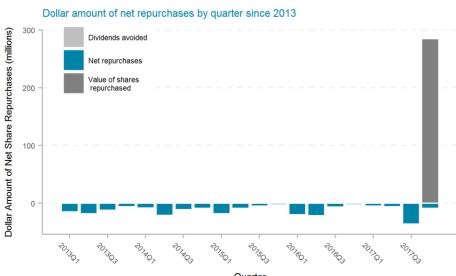


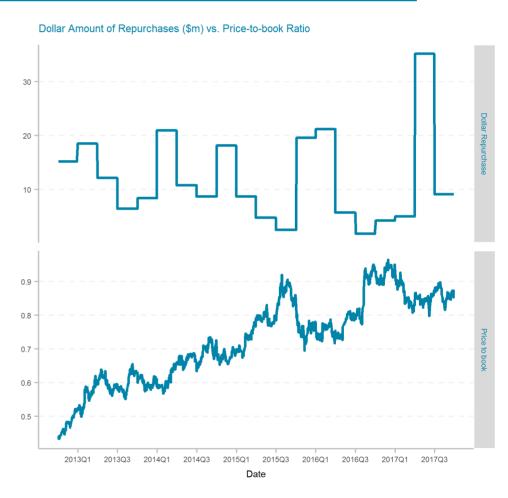


Argo Group International Holdings, Ltd.

Ticker	# of quarters	Current Mkt Cap (\$m)	Initial Shares (mil)	Shares Repurchased (mil)	Dollar Repurchased (\$m)	Percent of Initial Shares Repurchased	Percent of Mkt Cap Repurchased	Total Shareholder Return	Buyback ROI	Buyback Effectiveness
AGII	20	1,710	32.8	5.3	237	16.2%	13.8%	16.2%	9.6%	-5.7%



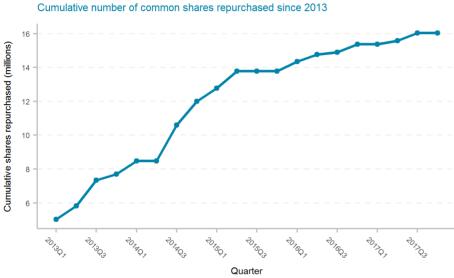


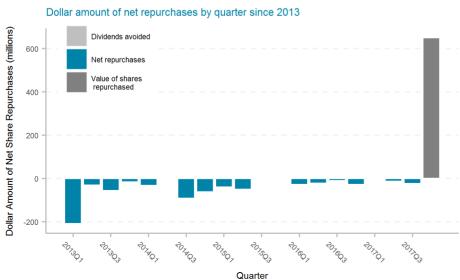


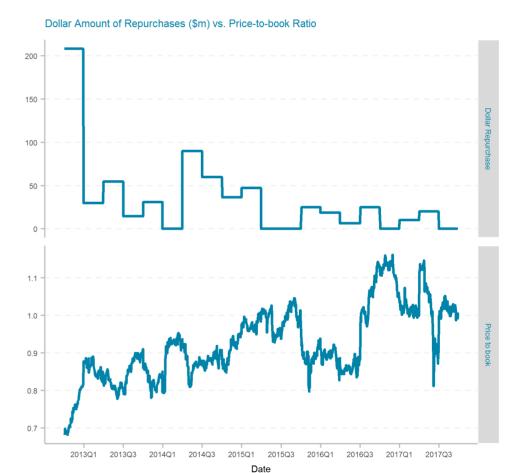


Aspen Insurance Holdings Limited

Ticker	# of quarters	Current Mkt Cap (\$m)	Initial Shares (mil)	Shares Repurchased (mil)	Dollar Repurchased (\$m)	Percent of Initial Shares Repurchased	Percent of Mkt Cap Repurchased	Total Shareholder Return	Buyback ROI	Buyback Effectiveness
AHL	20	2,530	65.6	16.0	677	24.4%	26.8%	3.1%	1.1%	-1.9%



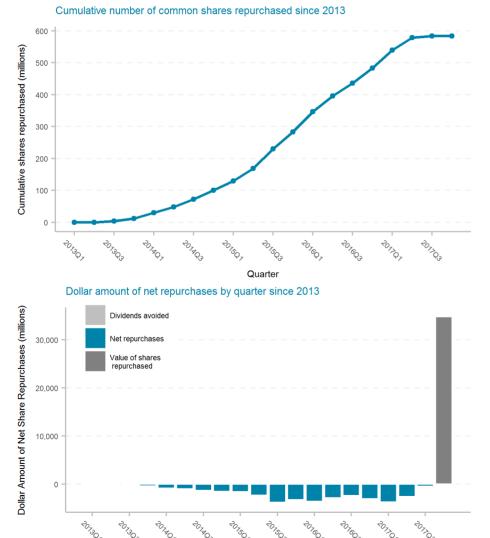


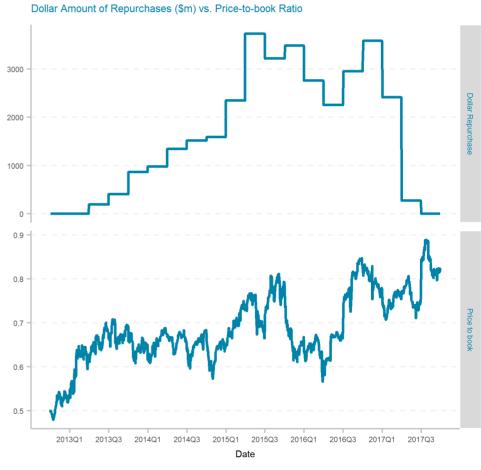




American International Group, Inc.

Ticker	# of quarters	Current Mkt Cap (\$m)	Initial Shares (mil)	Shares Repurchased (mil)	Dollar Repurchased (\$m)	Percent of Initial Shares Repurchased	Percent of Mkt Cap Repurchased	Total Shareholder Return	Buyback ROI	Buyback Effectiveness
AIG	20	50,570	1,476.3	583.2	33,927	39.5%	67.1%	10.7%	3.6%	-6.4%

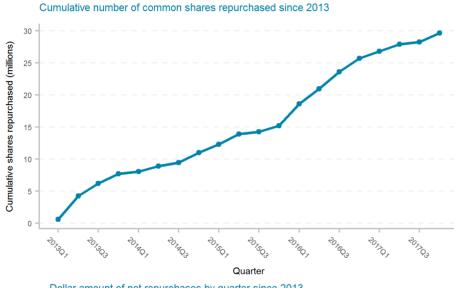


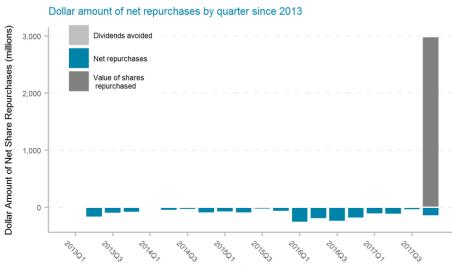


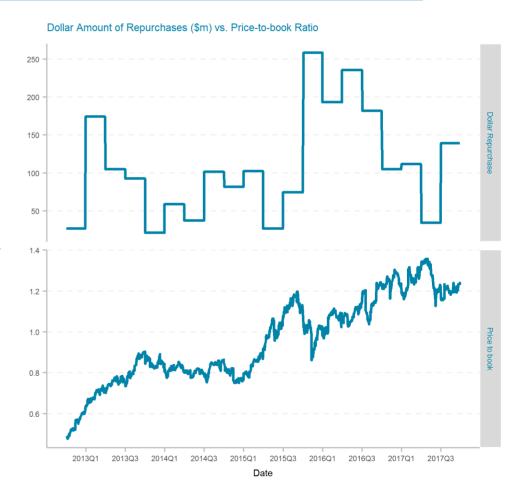


Assurant, Inc.

Ticker	# of quarters	Current Mkt Cap (\$m)	Initial Shares (mil)	Shares Repurchased (mil)	Dollar Repurchased (\$m)	Percent of Initial Shares Repurchased	Percent of Mkt Cap Repurchased	Total Shareholder Return	Buyback ROI	Buyback Effectiveness
AIZ	20	4,880	78.4	29.6	2,160	37.8%	44.3%	19.5%	18.6%	-0.8%



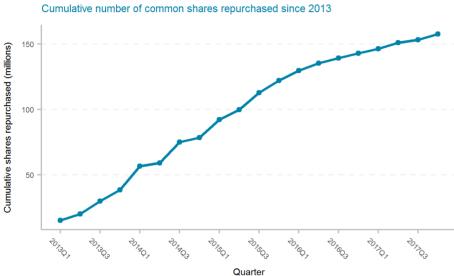


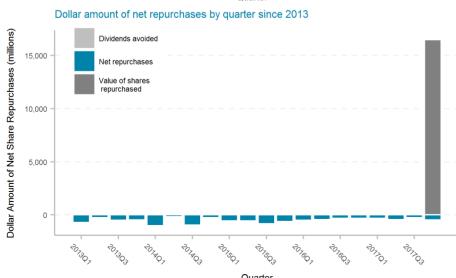


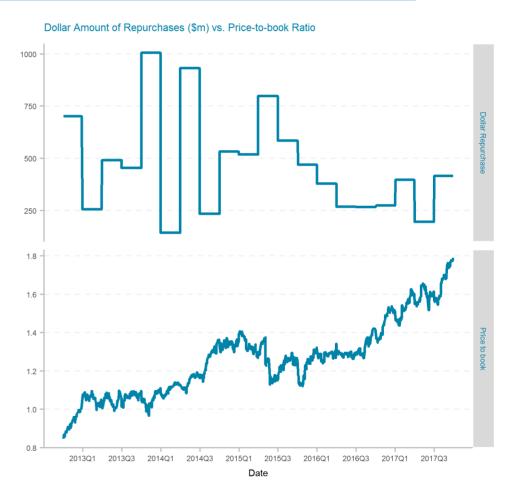


Allstate Corporation

Ticker	# of quarters	Current Mkt Cap (\$m)	Initial Shares (mil)	Shares Repurchased (mil)	Dollar Repurchased (\$m)	Percent of Initial Shares Repurchased	Percent of Mkt Cap Repurchased	Total Shareholder Return	Buyback ROI	Buyback Effectiveness
ALL	20	34,540	468.0	157.4	9,313	33.6%	27.0%	17.9%	24.7%	5.8%



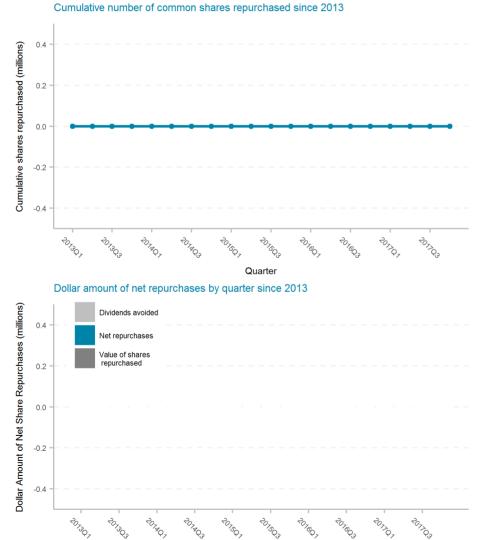


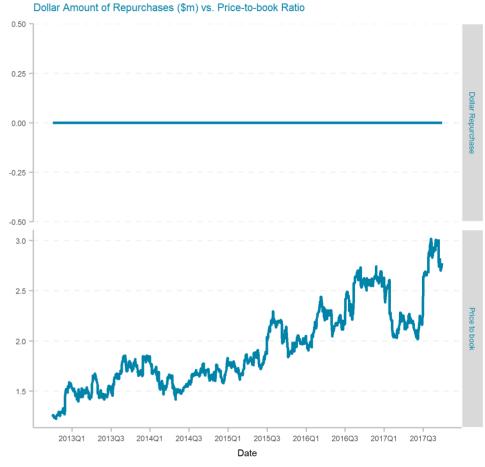




AMERISAFE, Inc.

	# of	Current Mkt	Initial Shares	Shares	Dollar	Percent of Initial	Percent of Mkt	Total		Punhaak
Ticker	# 01	Cap (\$m)		Repurchased	Repurchased	Shares	Cap	Shareholder	Buyback ROI	Buyback Effectiveness
	quarters	Сар (фііі)	(mil)	(mil)	(\$m)	Repurchased	Repurchased	Return		Ellectivelless

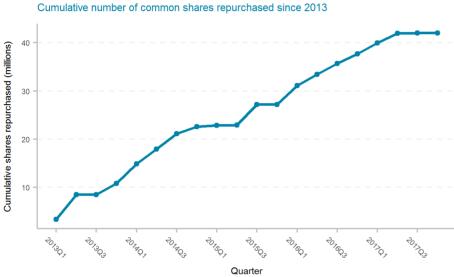


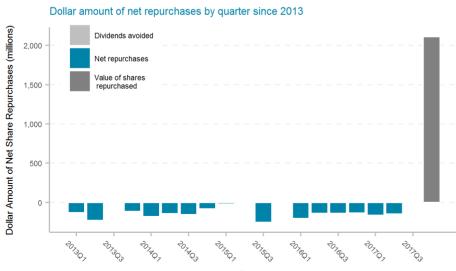


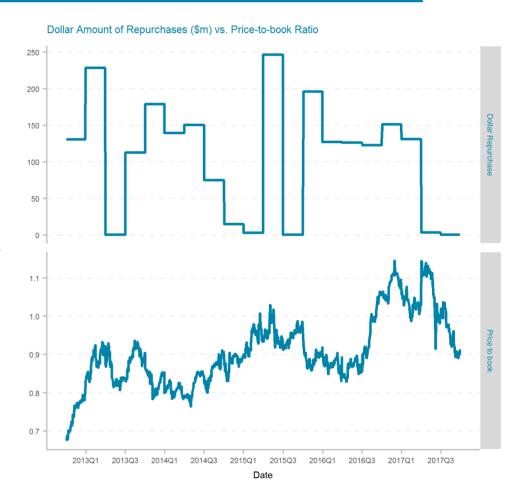


AXIS Capital Holdings Limited

Ticker	# of quarters	Current Mkt Cap (\$m)	Initial Shares (mil)	Shares Repurchased (mil)	Dollar Repurchased (\$m)	Percent of Initial Shares Repurchased	Percent of Mkt Cap Repurchased	Total Shareholder Return	Buyback ROI	Buyback Effectiveness
AXS	20	4,900	116.3	42.0	2,138	36.1%	43.6%	6.7%	2.7%	-3.8%



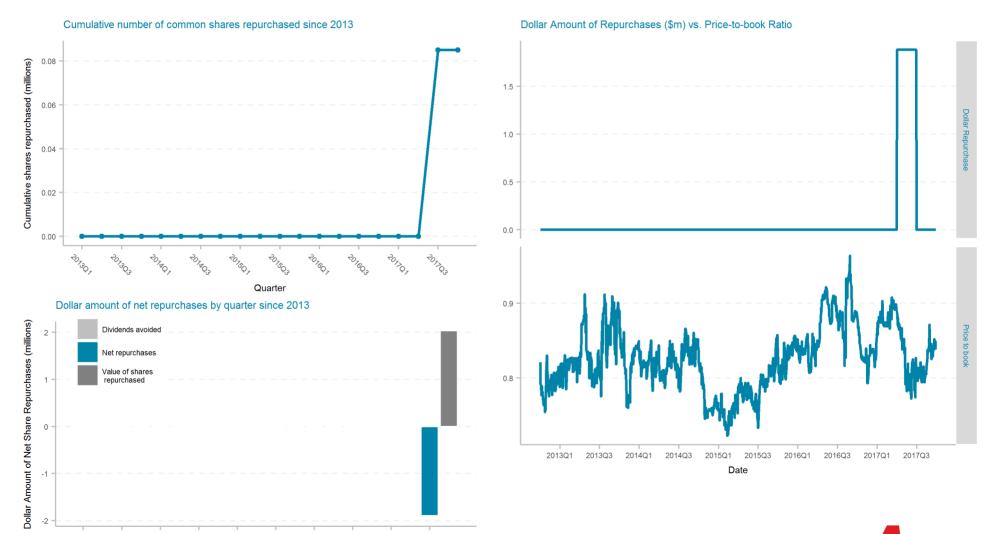






Baldwin & Lyons, Inc.

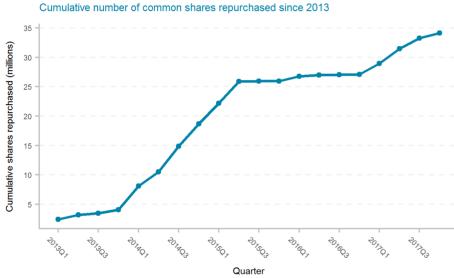
	# of	Current Mkt	Initial Shares	Shares	Dollar	Percent of Initial	Percent of Mkt	Total		Punthook
Ticker	# 01	Cap (\$m)		Repurchased	Repurchased	Shares	Cap	Shareholder	Buyback ROI	Buyback Effectiveness
	quarters		(mil)	(mil)	(\$m)	Repurchased	Repurchased	Return		LITECTIVE ITESS

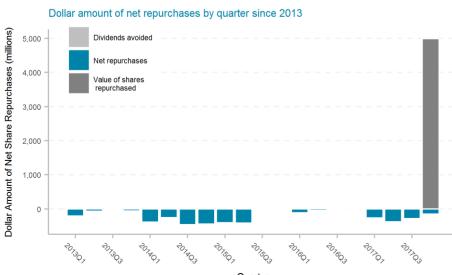


Quarter

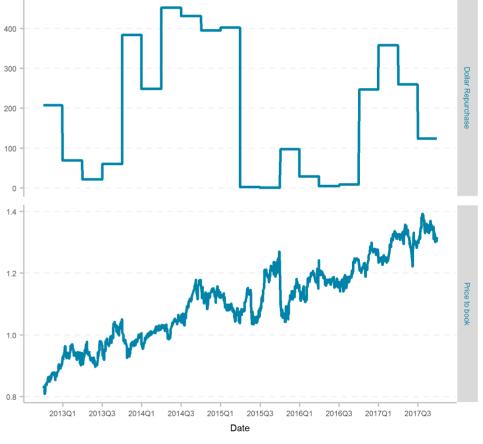
Chubb Limited

Ticker	# of quarters	Current Mkt Cap (\$m)	Initial Shares (mil)	Shares Repurchased (mil)	Dollar Repurchased (\$m)	Percent of Initial Shares Repurchased	Percent of Mkt Cap Repurchased	Total Shareholder Return	Buyback ROI	Buyback Effectiveness
СВ	20	63,200	340.0	34.1	3,800	10.0%	6.0%	12.0%	13.8%	1.6%







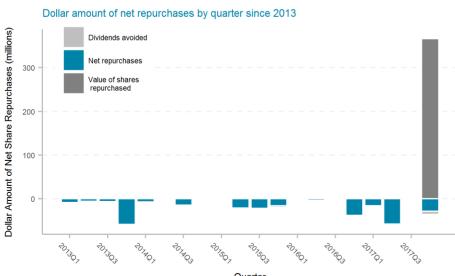


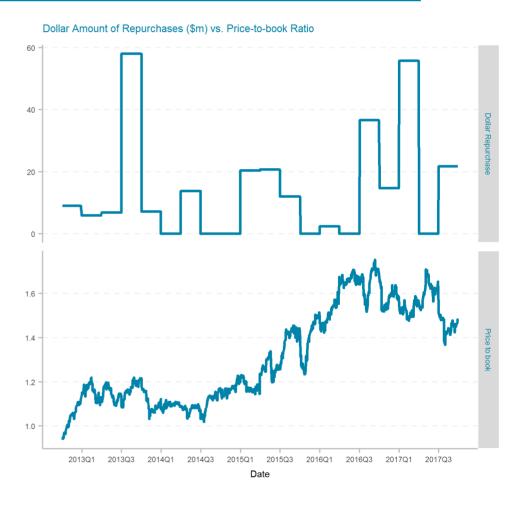


Cincinnati Financial Corporation

Ticker	# of quarters	Current Mkt Cap (\$m)	Initial Shares (mil)	Shares Repurchased (mil)	Dollar Repurchased (\$m)	Percent of Initial Shares Repurchased	Percent of Mkt Cap Repurchased	Total Shareholder Return	Buyback ROI	Buyback Effectiveness
CINF	20	11,550	163.0	4.9	285	3.0%	2.5%	12.8%	16.6%	3.4%



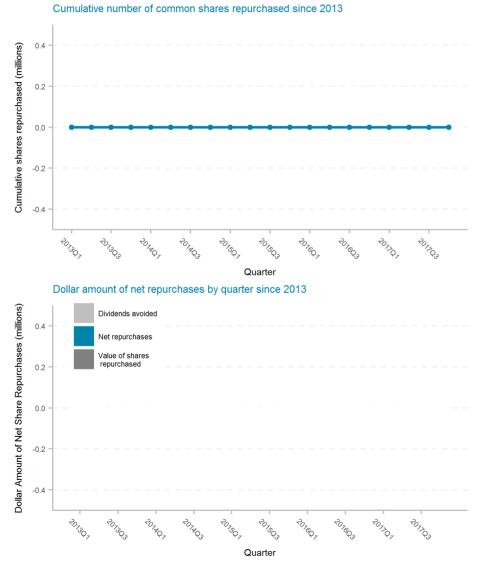


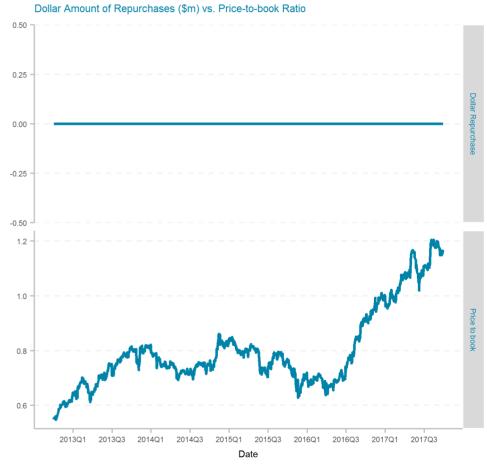




CNA Financial Corporation

	# of	Current Mkt	Initial Shares	Shares	Dollar	Percent of Initial	Percent of Mkt	Total		Buyback
Ticker	# UI	Cap (\$m)		Repurchased	Repurchased	Shares	Cap	Shareholder	Buyback ROI	Effectiveness
	quarters	Сар (фііі)	(mil)	(mil)	(\$m)	Repurchased	Repurchased	Return		Ellectivelless

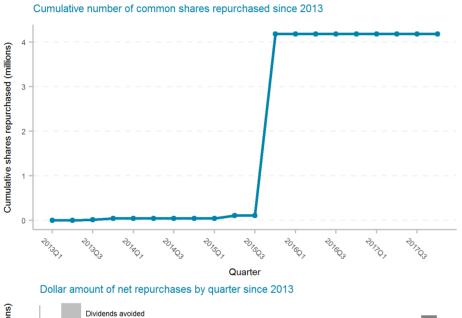


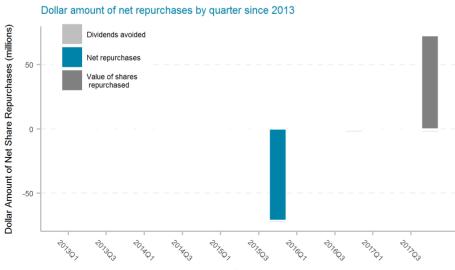




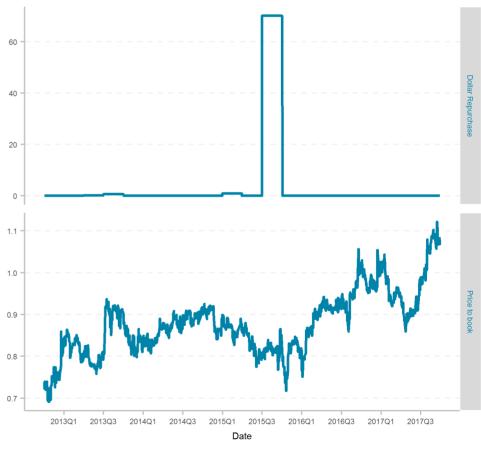
Donegal Group Inc.

Ticker	# of quarters	Current Mkt Cap (\$m)	Initial Shares (mil)	Shares Repurchased (mil)	Dollar Repurchased (\$m)	Percent of Initial Shares Repurchased	Percent of Mkt Cap Repurchased	Total Shareholder Return	Buyback ROI	Buyback Effectiveness
DGICA	20	393	25.8	4.2	72	16.2%	18.3%	5.4%	4.5%	-0.9%





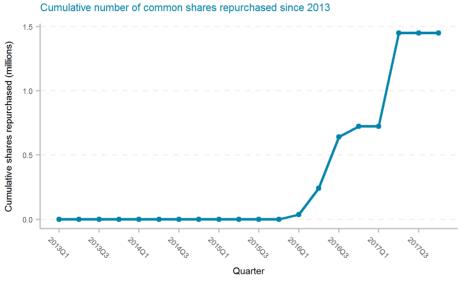
Dollar Amount of Repurchases (\$m) vs. Price-to-book Ratio

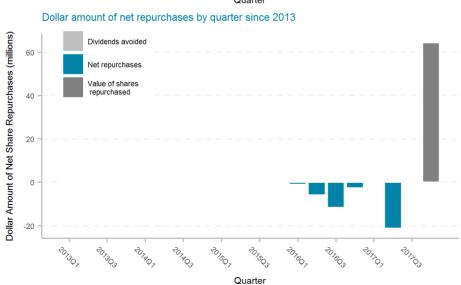


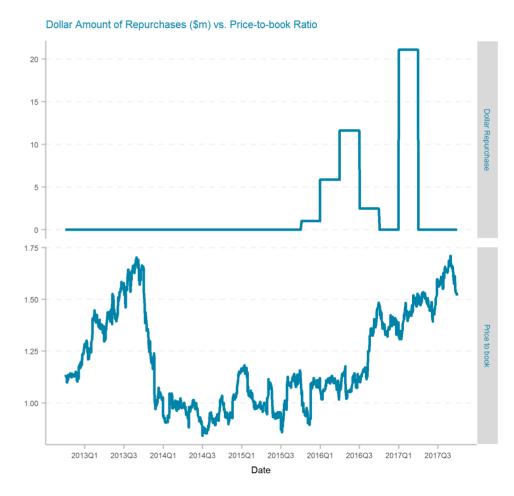


Employers Holdings, Inc.

Ticker	# of quarters	Current Mkt Cap (\$m)	Initial Shares (mil)	Shares Repurchased (mil)	Dollar Repurchased (\$m)	Percent of Initial Shares Repurchased	Percent of Mkt Cap Repurchased	Total Shareholder Return	Buyback ROI	Buyback Effectiveness
EIG	20	1,340	30.9	1.4	42	4.7%	3.1%	14.5%	59.1%	39.0%



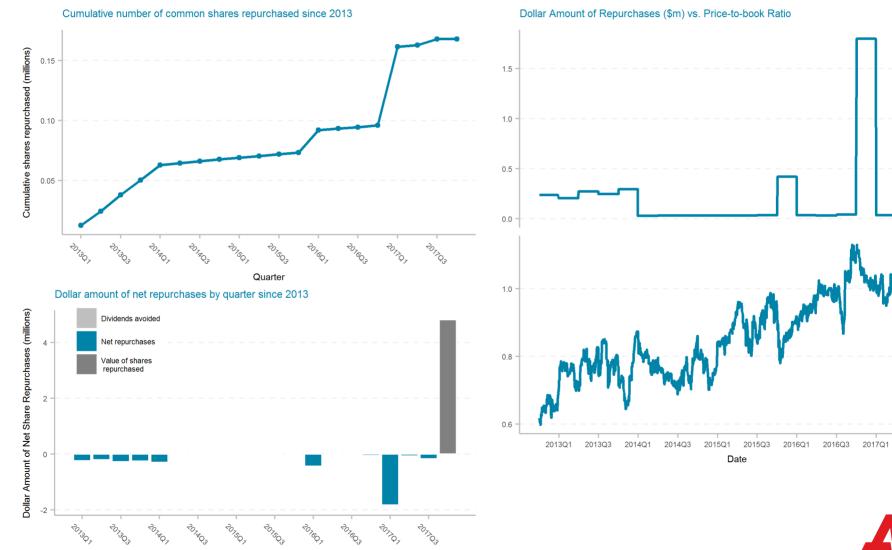






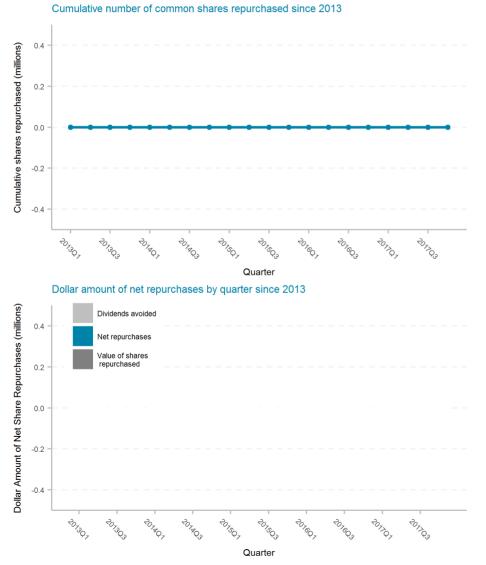
EMC Insurance Group Inc.

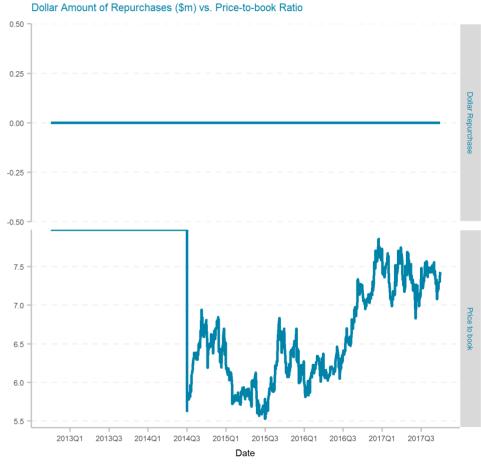
	# of	Current Mkt	Initial Shares	Shares	Dollar	Percent of Initial	Percent of Mkt	Total		Punthook
Ticker	# UI	Cap (\$m)	(mil)	Repurchased	Repurchased	Shares	Cap	Shareholder	Buyback ROI	Buyback Effectiveness
	quarters	Cap (\$III)	(11111)	(mil)	(\$m)	Repurchased	Repurchased	Return		Ellectivelless



Erie Indemnity Company

	# of	Current Mkt	Initial Shares	Shares	Dollar	Percent of Initial	Percent of Mkt	Total		Ruyback
Ticker	# of quarters	Cap (\$m)	(mil)	Repurchased	Repurchased (\$m)	Shares	Cap	Shareholder Return	Buyback ROI	Buyback Effectiveness
				(mil)	(ФПП)	Repurchased	Repurchased	Retuin		

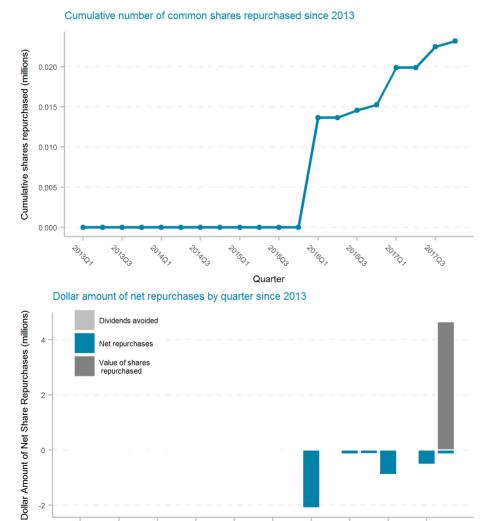


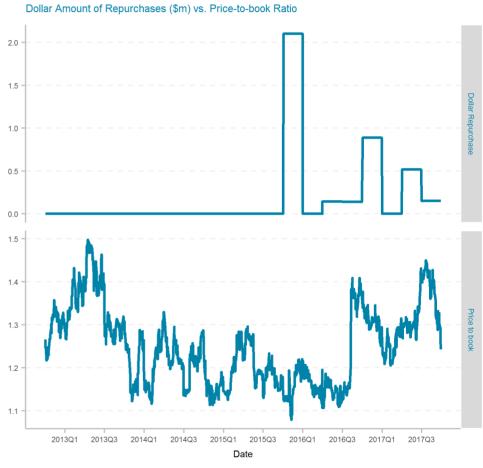




Enstar Group Limited

	# of	Current Mkt	Initial Shares	Shares	Dollar	Percent of Initial	Percent of Mkt	Total		Puvbook
Ticker	# of quarters	Cap (\$m)	(mil)	Repurchased	Repurchased	Shares	Cap	Shareholder	Buyback ROI	Buyback Effectiveness
	quarters	Сар (фііі)	(11111)	(mil)	(\$m)	Repurchased	Repurchased	Return		LifeCtiveriess



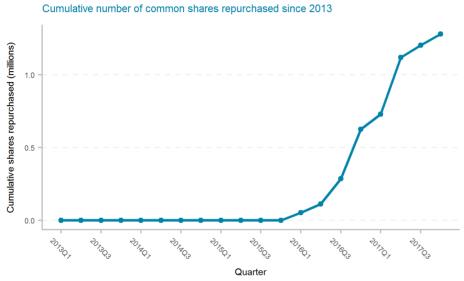


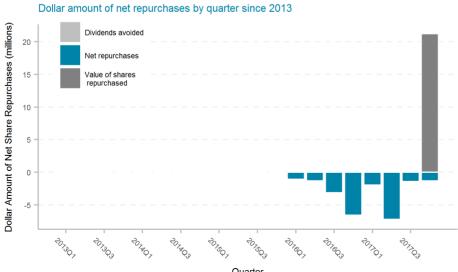


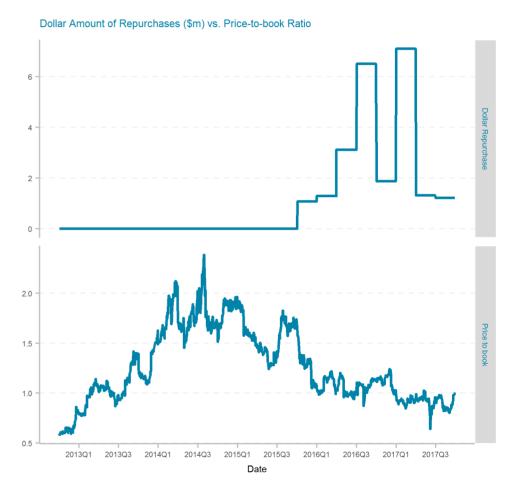
7073Q3

Federated National Holding Company

Ticker	# of quarters	Current Mkt Cap (\$m)	Initial Shares (mil)	Shares Repurchased (mil)	Dollar Repurchased (\$m)	Percent of Initial Shares Repurchased	Percent of Mkt Cap Repurchased	Total Shareholder Return	Buyback ROI	Buyback Effectiveness
FNHC	20	222	8.0	1.3	24	16.0%	10.6%	18.3%	-9.8%	-23.7%



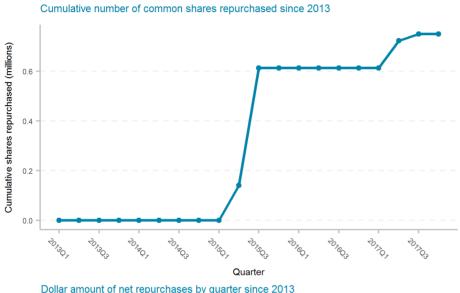


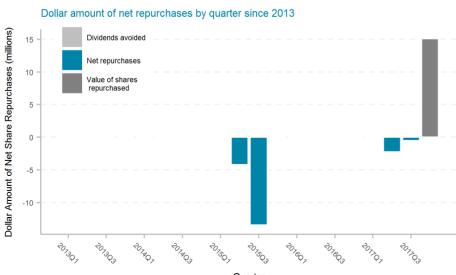


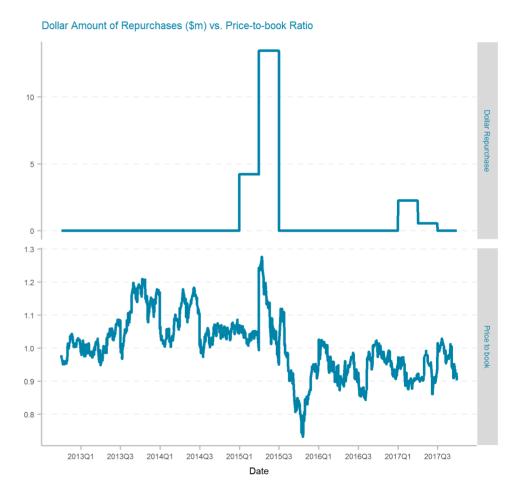


Greenlight Capital Re, Ltd.

Ticker	# of quarters	Current Mkt Cap (\$m)	Initial Shares (mil)	Shares Repurchased (mil)	Dollar Repurchased (\$m)	Percent of Initial Shares Repurchased	Percent of Mkt Cap Repurchased	Total Shareholder Return	Buyback ROI	Buyback Effectiveness
GLRE	20	579	36.8	0.7	21	2.0%	3.5%	-3.8%	-14.1%	-10.7%



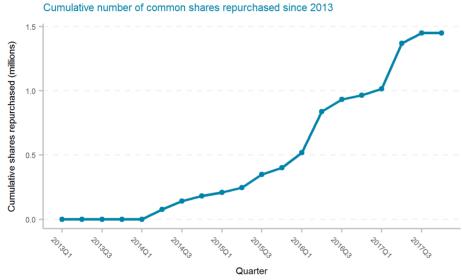


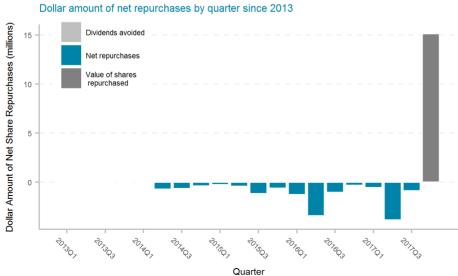


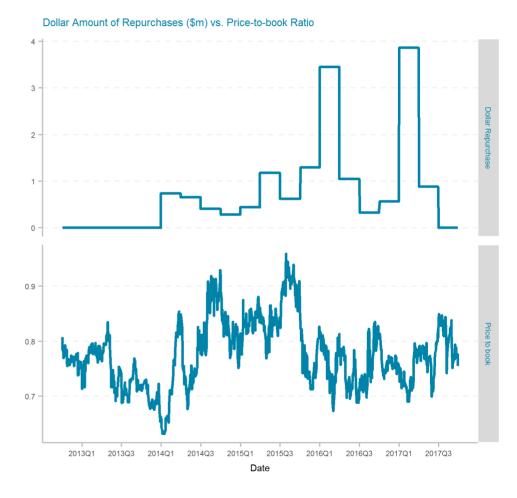


Hallmark Financial Services, Inc.

Ticker	# of quarters	Current Mkt Cap (\$m)	Initial Shares (mil)	Shares Repurchased (mil)	Dollar Repurchased (\$m)	Percent of Initial Shares Repurchased	Percent of Mkt Cap Repurchased	Total Shareholder Return	Buyback ROI	Buyback Effectiveness
HALL	20	187	19.3	1.4	16	7.5%	8.4%	3.0%	-2.8%	-5.7%



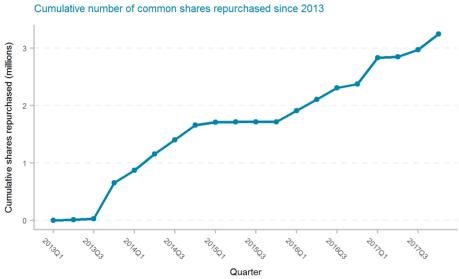


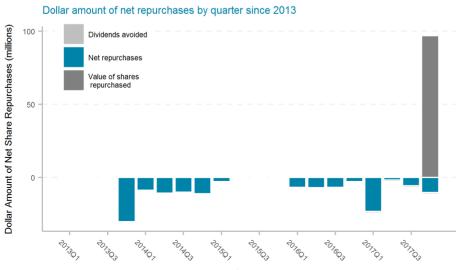


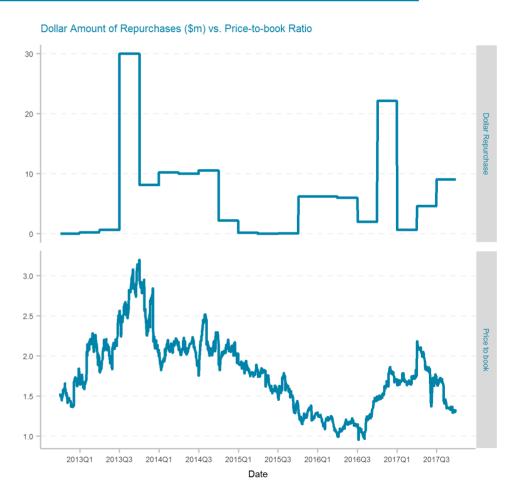


HCI Group, Inc.

Ticker	# of quarters	Current Mkt Cap (\$m)	Initial Shares (mil)	Shares Repurchased (mil)	Dollar Repurchased (\$m)	Percent of Initial Shares Repurchased	Percent of Mkt Cap Repurchased	Total Shareholder Return	Buyback ROI	Buyback Effectiveness
HCI	20	396	10.9	3.2	129	29.7%	32.6%	6.1%	-8.3%	-13.5%



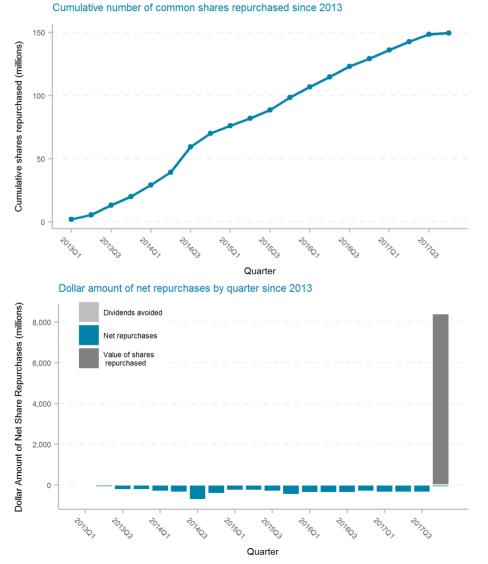


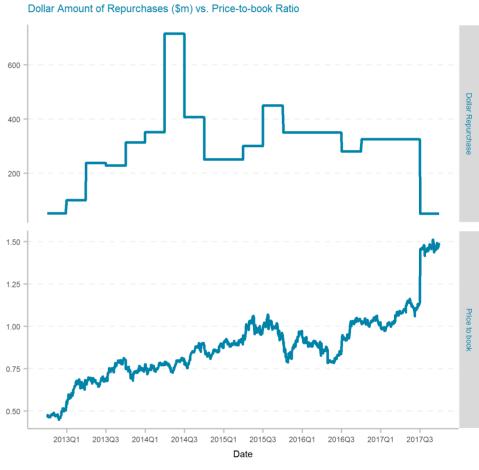




Hartford Financial Services Group, Inc.

Ticker	# of quarters	Current Mkt Cap (\$m)	Initial Shares (mil)	Shares Repurchased (mil)	Dollar Repurchased (\$m)	Percent of Initial Shares Repurchased	Percent of Mkt Cap Repurchased	Total Shareholder Return	Buyback ROI	Buyback Effectiveness
HIG	20	19,280	435.3	149.3	6,010	34.3%	31.2%	18.6%	17.3%	-1.1%

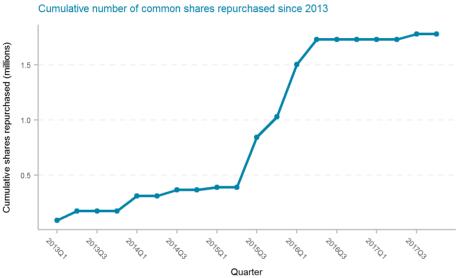


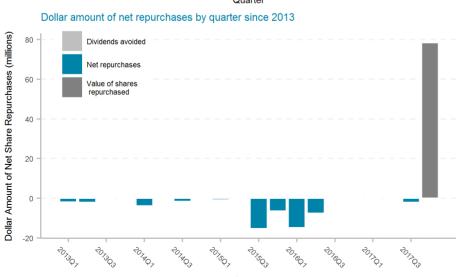


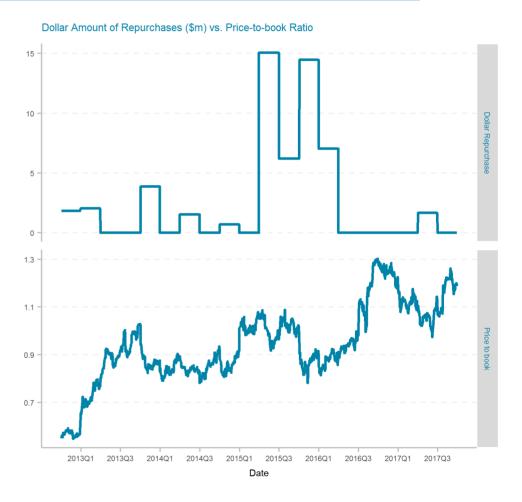


Horace Mann Educators Corporation

Ticker	# of quarters	Current Mkt Cap (\$m)	Initial Shares (mil)	Shares Repurchased (mil)	Dollar Repurchased (\$m)	Percent of Initial Shares Repurchased	Percent of Mkt Cap Repurchased	Total Shareholder Return	Buyback ROI	Buyback Effectiveness
HMN	20	1,830	39.7	1.8	54	4.5%	3.0%	18.6%	20.9%	1.9%



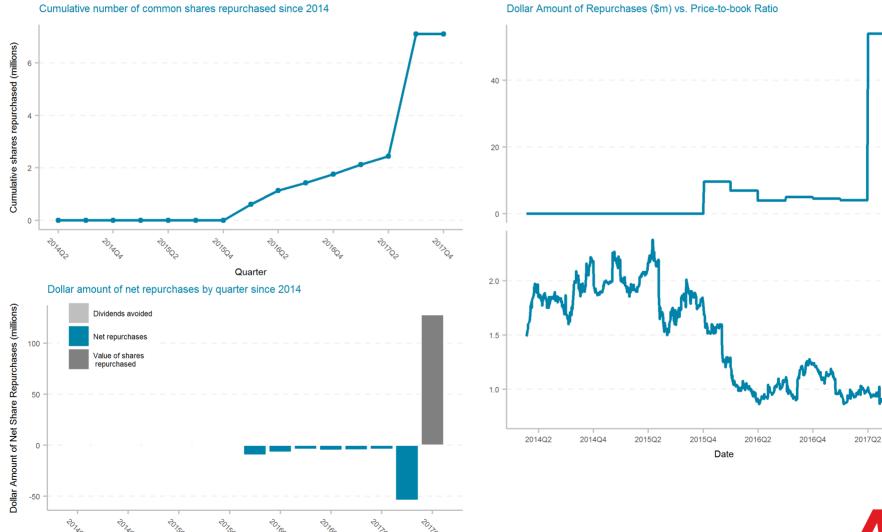






Heritage Insurance Holdings, Inc.

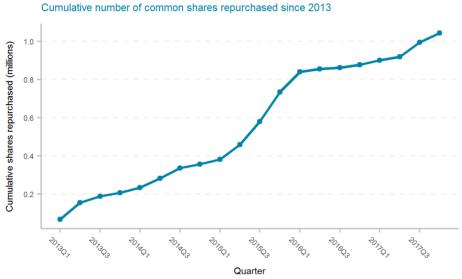
Ticker	# of quarters	Current Mkt Cap (\$m)	Initial Shares (mil)	Shares Repurchased (mil)	Dollar Repurchased (\$m)	Percent of Initial Shares Repurchased	Percent of Mkt Cap Repurchased	Total Shareholder Return	Buyback ROI	Buyback Effectiveness
HRTG	15	417	29.8	7.1	88	23.8%	21.1%	5.5%	70.7%	61.8%

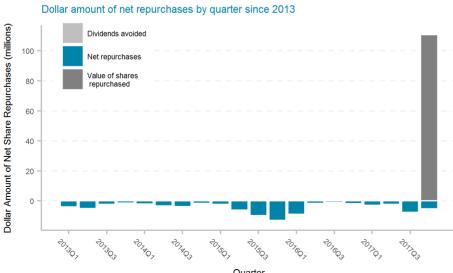


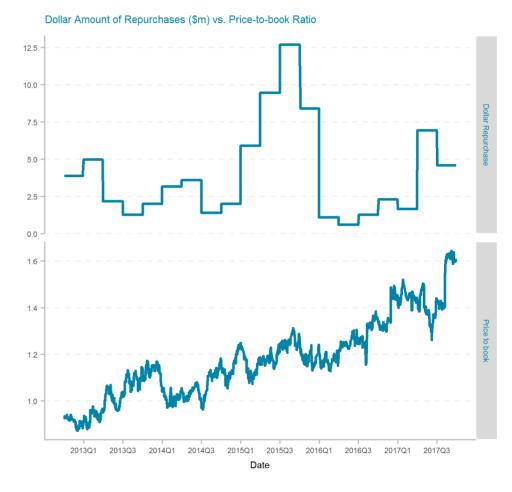
2017Q4

Infinity Property and Casualty Corporation

Ticker	# of quarters	Current Mkt Cap (\$m)	Initial Shares (mil)	Shares Repurchased (mil)	Dollar Repurchased (\$m)	Percent of Initial Shares Repurchased	Percent of Mkt Cap Repurchased	Total Shareholder Return	Buyback ROI	Buyback Effectiveness
IPCC	20	1,440	11.6	1.0	79	9.0%	5.5%	15.4%	17.9%	2.1%



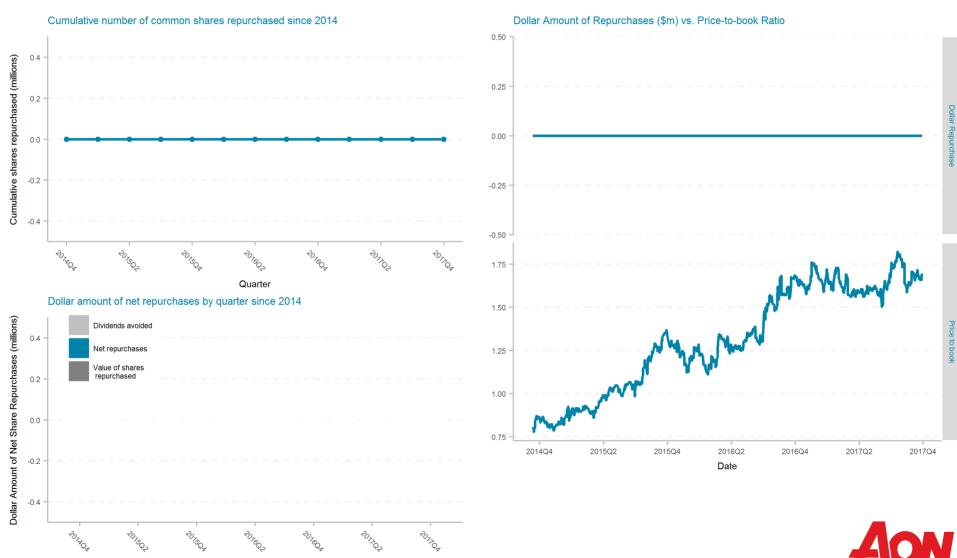






James River Group Holdings, Ltd.

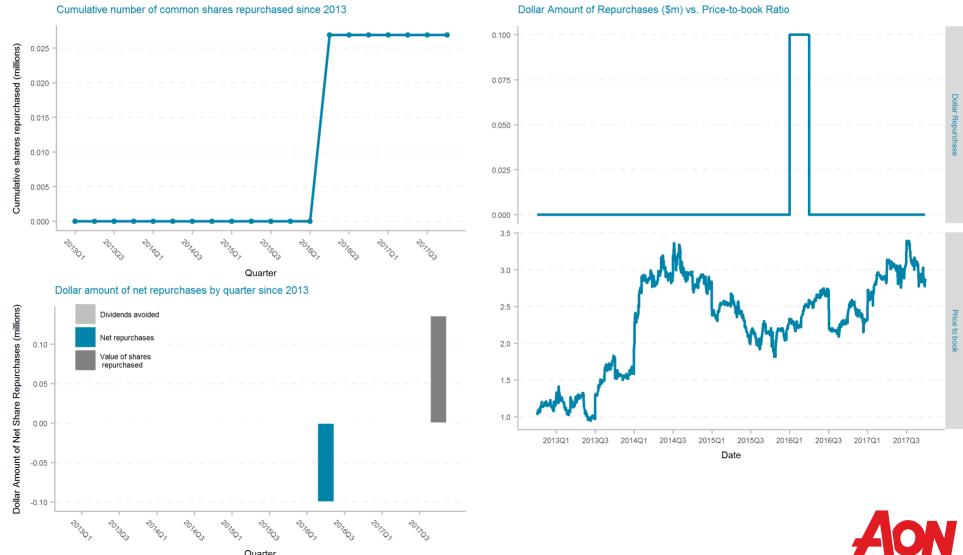
Ticker	# of Curr	# of Current Mkt Initial Shares Repurchased arters Cap (\$m) (mil)		Shares	Dollar Percent of Initial Percent of Mkt Total			Ruyback	
	# UI			Repurchased	Repurchased Share:	Shares	Cap	Shareholder Buyback ROI	Buyback ROI
	quarters Cap (\$m)		(\$m)	Repurchased	Repurchased	Return		LifeCtiveriess	



Quarter

Kingsway Financial Services Inc.

	# of	Current Mkt	Initial Shares	Shares	Dollar	Percent of Initial	Percent of Mkt	Total		Punthook
Ticker	# 01	Cap (\$m)		Repurchased	Repurchased	Shares	Cap	Shareholder	Buyback ROI	Buyback Effectiveness
	quarters		(mil)	(mil)	(\$m)	Repurchased	Repurchased	Return		LITECTIVE ITESS



Kingstone Companies, Inc.

Cumulative number of common shares repurchased since 2013

Ticker	# of quarters	Current Mkt Cap (\$m)	Initial Shares (mil)	Shares Repurchased (mil)	Dollar Repurchased (\$m)	Percent of Initial Shares Repurchased	Percent of Mkt Cap Repurchased	Total Shareholder Return	Buyback ROI	Buyback Effectiveness
KINS	20	183	3.8	0.1	1	3.5%	0.6%	28.1%	43.3%	11.9%

2013Q1

2013Q3

2014Q1

2014Q3

2015Q1

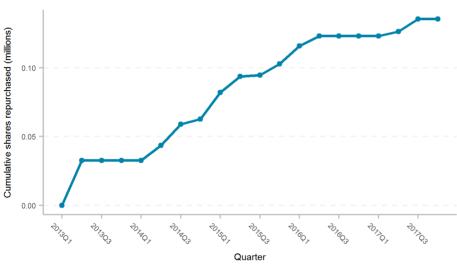
Date

2015Q3

2016Q1

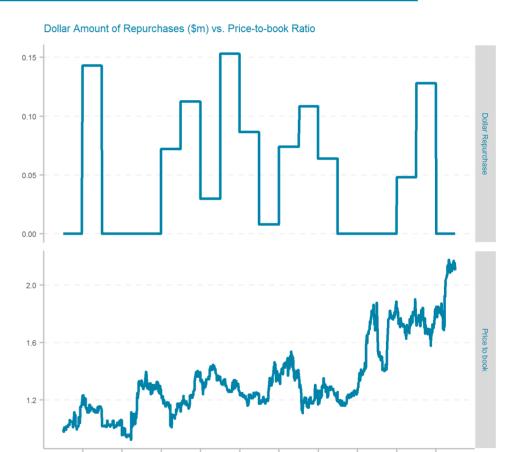
2016Q3

2017Q1



Dollar amount of net repurchases by quarter since 2013

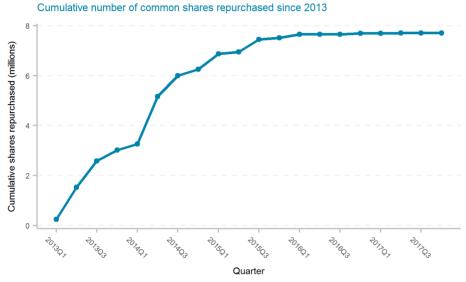
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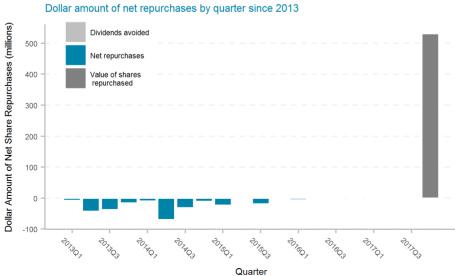


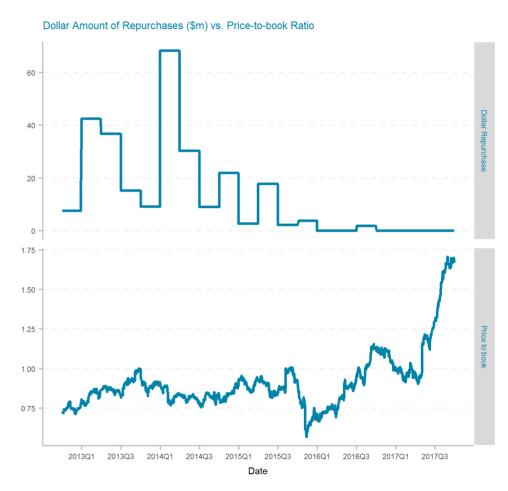


Kemper Corporation

Ticker	# of quarters	Current Mkt Cap (\$m)	Initial Shares (mil)	Shares Repurchased (mil)	Dollar Repurchased (\$m)	Percent of Initial Shares Repurchased	Percent of Mkt Cap Repurchased	Total Shareholder Return	Buyback ROI	Buyback Effectiveness
KMPR	20	3,480	58.3	7.7	269	13.2%	7.7%	17.8%	23.1%	4.6%



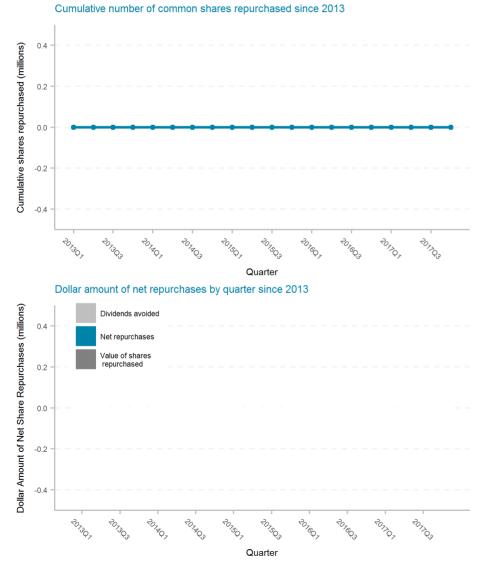


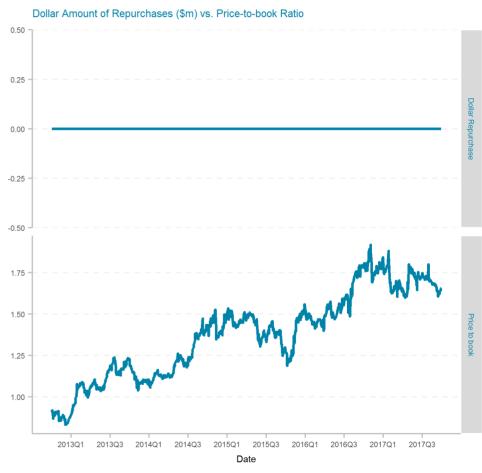




Mercury General Corporation

	# of	Current Mkt	Initial Shares	Shares	Dollar	Percent of Initial	Percent of Mkt	Total		Punthook
Ticker	# 01	Cap (\$m)	(mil)	Repurchased	Repurchased	Shares	Cap	Shareholder	Buyback ROI	Buyback Effectiveness
	quarters	Cap (\$III)	(11111)	(mil)	(\$m)	Repurchased	Repurchased	Return		Ellectivelless

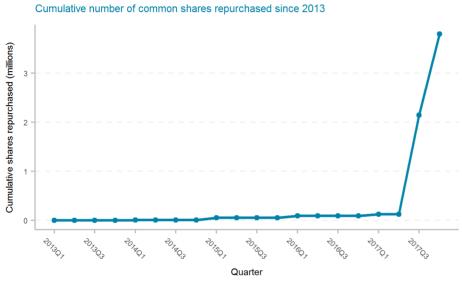


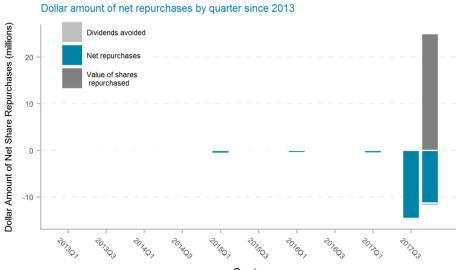


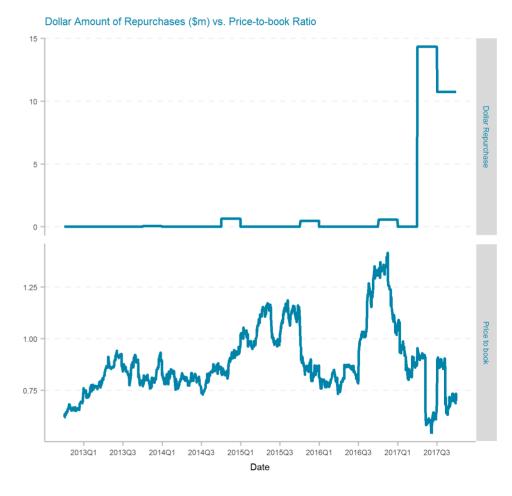


Maiden Holdings, Ltd.

Ticker	# of quarters	Current Mkt Cap (\$m)	Initial Shares (mil)	Shares Repurchased (mil)	Dollar Repurchased (\$m)	Percent of Initial Shares Repurchased	Percent of Mkt Cap Repurchased	Total Shareholder Return	Buyback ROI	Buyback Effectiveness
MHLD	20	636	72.4	3.8	27	5.2%	4.2%	-3.3%	-12.0%	-9.1%





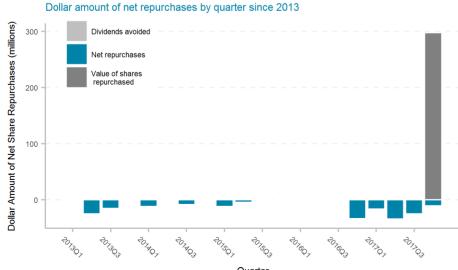


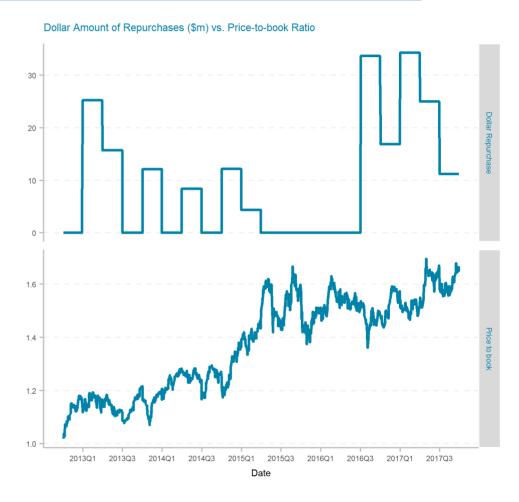


Markel Corporation

Ticker	# of quarters	Current Mkt Cap (\$m)	Initial Shares (mil)	Shares Repurchased (mil)	Dollar Repurchased (\$m)	Percent of Initial Shares Repurchased	Percent of Mkt Cap Repurchased	Total Shareholder Return	Buyback ROI	Buyback Effectiveness
MKL	20	15,700	9.6	0.3	199	2.7%	1.3%	17.7%	21.0%	2.7%



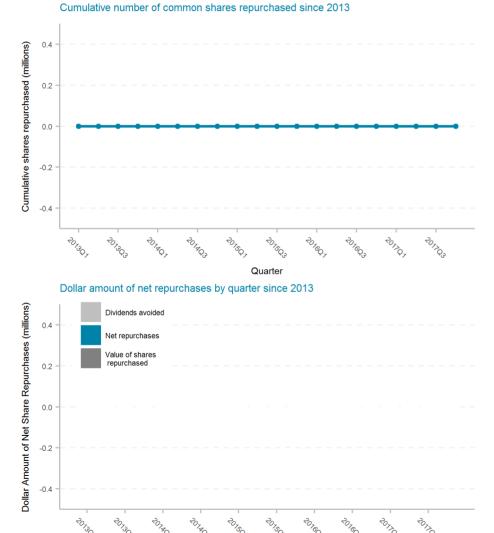


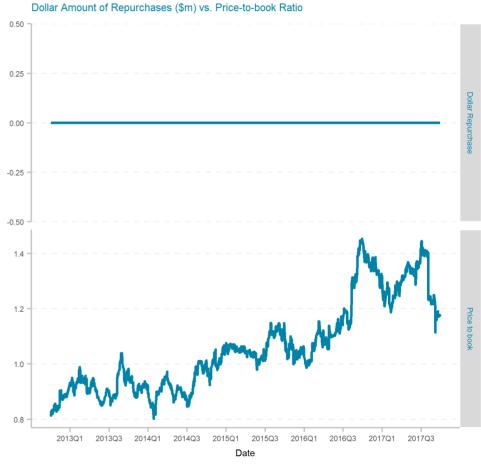




Navigators Group, Inc.

	# of	Current Mkt	Initial Shares	Shares	Dollar	Percent of Initial	Percent of Mkt	Total		Punhook
Ticker	# 01 quarters	Cap (\$m)	(mil)	Repurchased	Repurchased	Shares	Cap	Shareholder	Buyback ROI	Buyback Effectiveness
	quarters	Сар (фііі)	(11111)	(mil)	(\$m)	Repurchased	Repurchased	Return		LifeCtiveriess

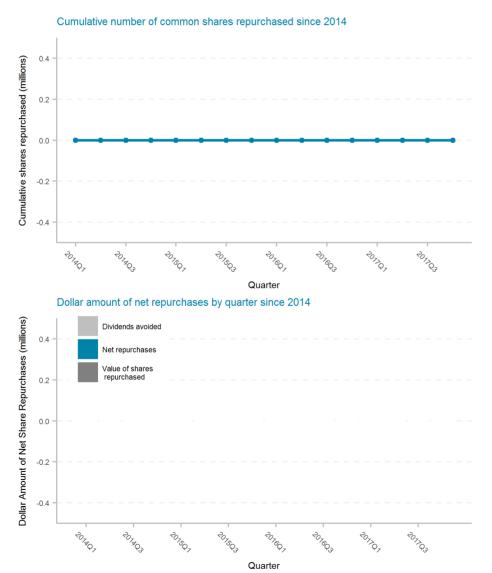


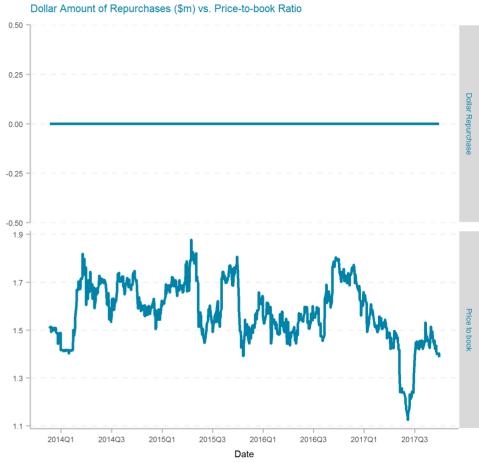




National General Holdings Corporation

	# of	Current Mkt	Initial Shares	Shares	Dollar	Percent of Initial	Percent of Mkt	Total		Buyback
Ticker	# UI	Cap (\$m)		Repurchased	Repurchased	Shares	Cap	Shareholder	Buyback ROI	Effectiveness
	quarters	Сар (фііі)	(mil)	(mil)	(\$m)	Repurchased	Repurchased	Return		Ellectivelless



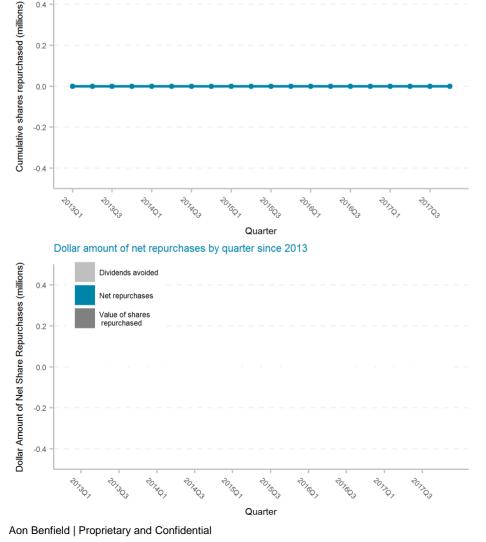


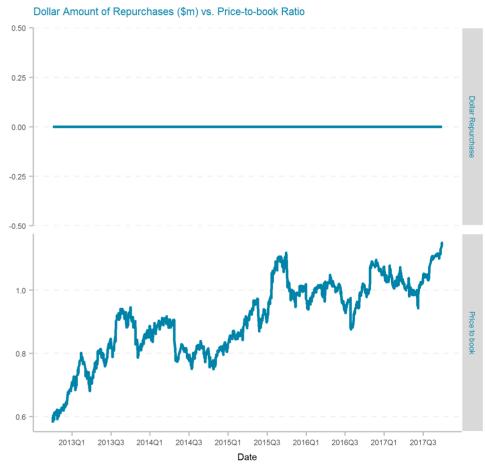


Old Republic International Corporation

Cumulative number of common shares repurchased since 2013

	# of	Current Mkt	Initial Shares	Shares	Dollar	Percent of Initial	Percent of Mkt	Total		Punthook
Ticker	# 01	Cap (\$m)		Repurchased	Repurchased	Shares	Cap	Shareholder	Buyback ROI	Buyback Effectiveness
	quarters		(mil)	(mil)	(\$m)	Repurchased	Repurchased	Return		LITECTIVE ITESS







Progressive Corporation

Ticker	# of quarters	Current Mkt Cap (\$m)	Initial Shares (mil)	Shares Repurchased (mil)	Dollar Repurchased (\$m)	Percent of Initial Shares Repurchased	Percent of Mkt Cap Repurchased	Total Shareholder Return	Buyback ROI	Buyback Effectiveness
PGR	20	35,110	603.2	37.0	1,008	6.1%	2.9%	19.8%	31.0%	9.4%

2.5

2013Q1 2013Q3

2014Q1

2014Q3

2015Q1

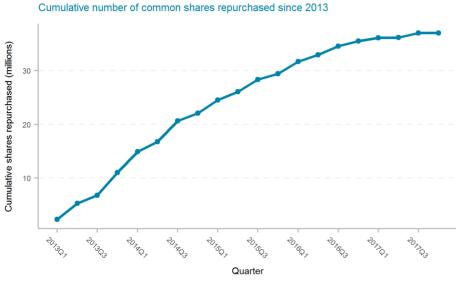
2015Q3

Date

2016Q1

2016Q3

2017Q1



Dollar amount of net repurchases by quarter since 2013

Dividends avoided

Net repurchases

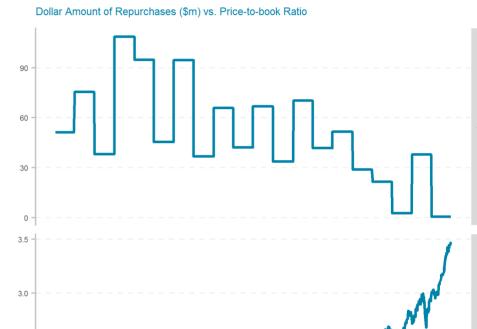
Value of shares repurchased

1,500

Total Amount of net repurchases by quarter since 2013

Net repurchases

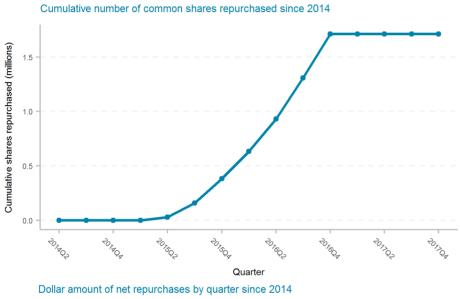
Value of shares repurchased

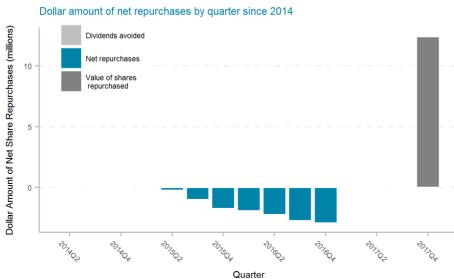


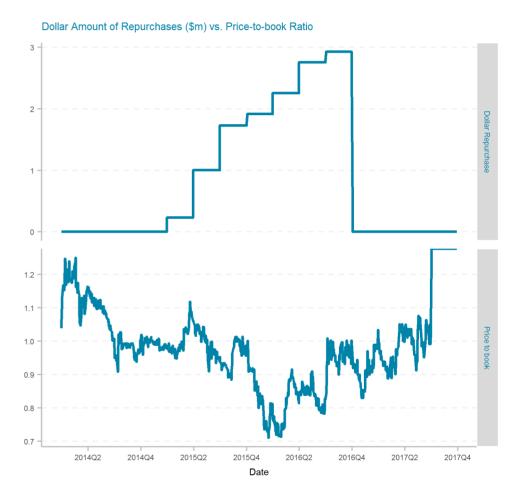


1347 Property Insurance Holdings, Inc.

Ticker	# of quarters	Current Mkt Cap (\$m)	Initial Shares (mil)	Shares Repurchased (mil)	Dollar Repurchased (\$m)	Percent of Initial Shares Repurchased	Percent of Mkt Cap Repurchased	Total Shareholder Return	Buyback ROI	Buyback Effectiveness
PIH	15	41	6.4	1.7	13	26.9%	31.3%	NaN%	-2.2%	NaN%



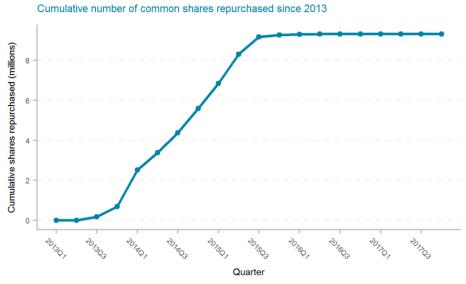


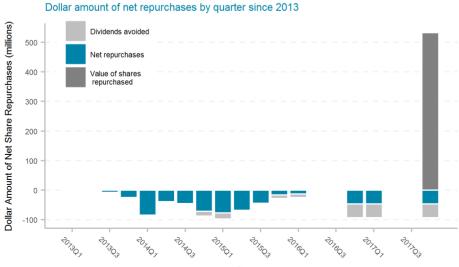


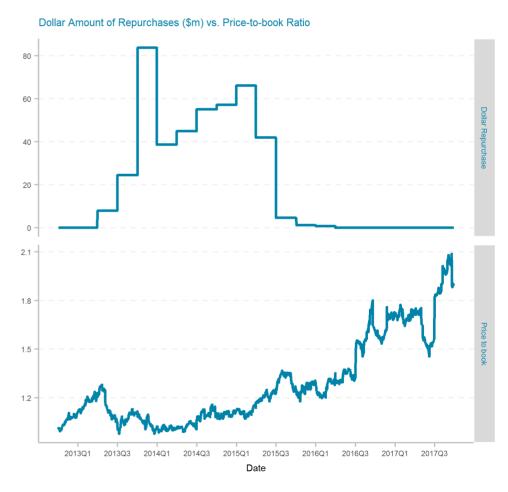


ProAssurance Corporation

Ticker	# of quarters	Current Mkt Cap (\$m)	Initial Shares (mil)	Shares Repurchased (mil)	Dollar Repurchased (\$m)	Percent of Initial Shares Repurchased	Percent of Mkt Cap Repurchased	Total Shareholder Return	Buyback ROI	Buyback Effectiveness
PRA	20	2,530	61.8	9.3	426	15.1%	16.9%	12.4%	23.4%	9.8%



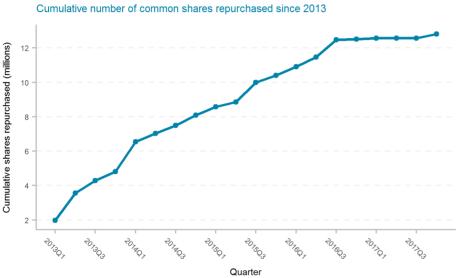






Everest Re Group, Ltd.

Ticker	# of quarters	Current Mkt Cap (\$m)	Initial Shares (mil)	Shares Repurchased (mil)	Dollar Repurchased (\$m)	Percent of Initial Shares Repurchased	Percent of Mkt Cap Repurchased	Total Shareholder Return	Buyback ROI	Buyback Effectiveness
RE	20	9,530	50.0	12.8	2,008	25.6%	21.1%	13.2%	14.3%	1.0%



Dollar amount of net repurchases by quarter since 2013

Dividends avoided

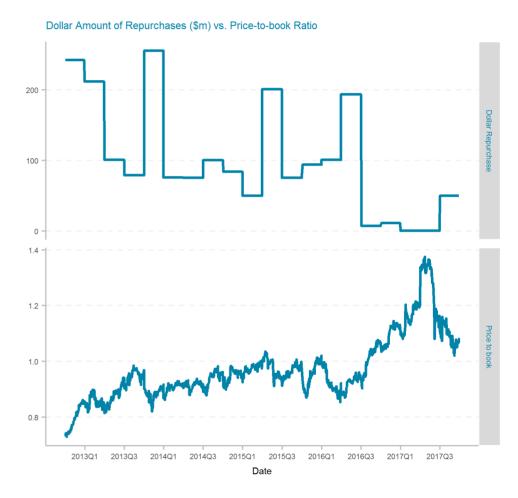
Net repurchases

Value of shares repurchased

1,500

1,000

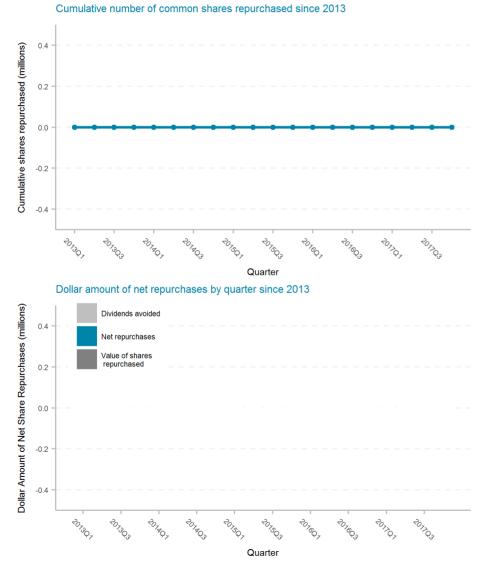
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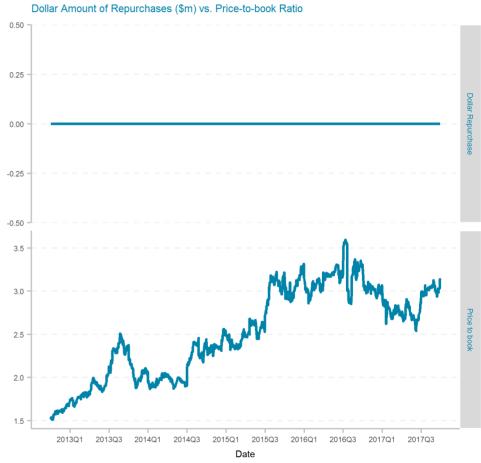




RLI Corp.

	# of	Current Mkt	Initial Shares	Shares	Dollar	Percent of Initial	Percent of Mkt	Total		Punthook
Ticker	# UI	Cap (\$m)		Repurchased	Repurchased	Shares	Cap	Shareholder	Buyback ROI	Buyback Effectiveness
	quarters	Сар (фііі)	(mil)	(mil)	(\$m)	Repurchased	Repurchased	Return		Ellectivelless

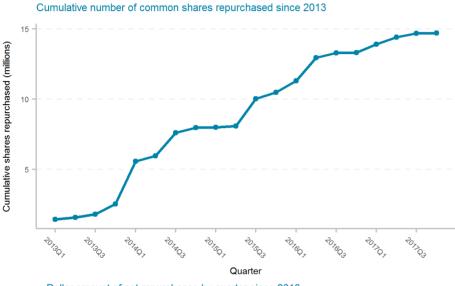


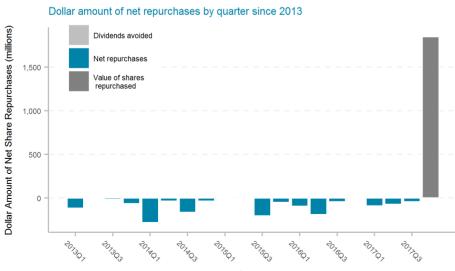


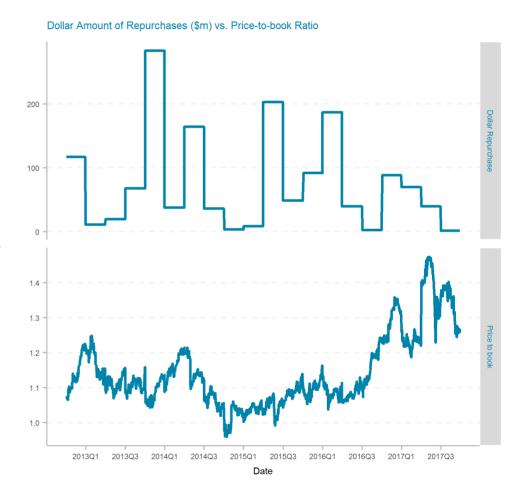


RenaissanceRe Holdings Ltd.

Ticker	# of quarters	Current Mkt Cap (\$m)	Initial Shares (mil)	Shares Repurchased (mil)	Dollar Repurchased (\$m)	Percent of Initial Shares Repurchased	Percent of Mkt Cap Repurchased	Total Shareholder Return	Buyback ROI	Buyback Effectiveness
RNR	20	5,450	44.5	14.7	1,521	33.0%	27.9%	7.5%	8.9%	1.3%





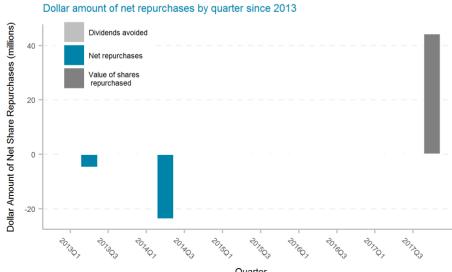


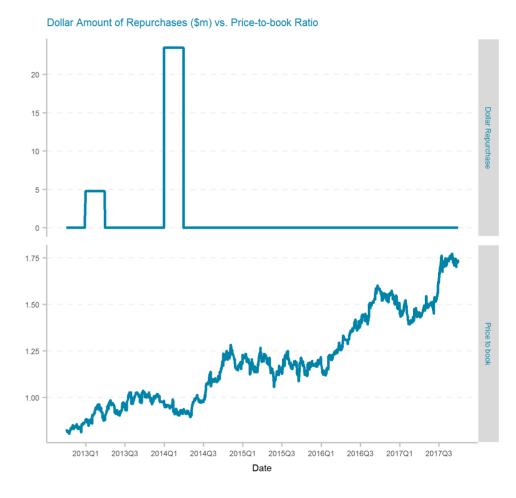


Safety Insurance Group, Inc.

Ticker	# of quarters	Current Mkt Cap (\$m)	Initial Shares (mil)	Shares Repurchased (mil)	Dollar Repurchased (\$m)	Percent of Initial Shares Repurchased	Percent of Mkt Cap Repurchased	Total Shareholder Return	Buyback ROI	Buyback Effectiveness
SAFT	20	1,220	15.4	0.6	28	3.6%	2.3%	13.8%	18.4%	4.0%









Selective Insurance Group, Inc.

Ticker	# of quarters	Current Mkt Cap (\$m)	Initial Shares (mil)	Shares Repurchased (mil)	Dollar Repurchased (\$m)	Percent of Initial Shares Repurchased	Percent of Mkt Cap Repurchased	Total Shareholder Return	Buyback ROI	Buyback Effectiveness
SIGI	20	3,480	55.5	0.8	22	1.4%	0.6%	20.7%	31.5%	9.0%



Dollar amount of net repurchases by quarter since 2013

Dividends avoided

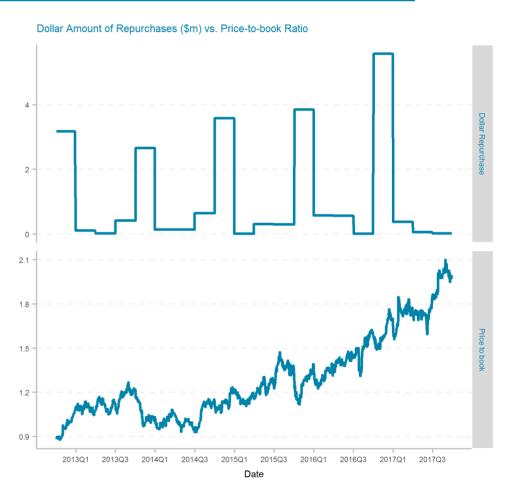
Net repurchases

Value of shares repurchased

10

10

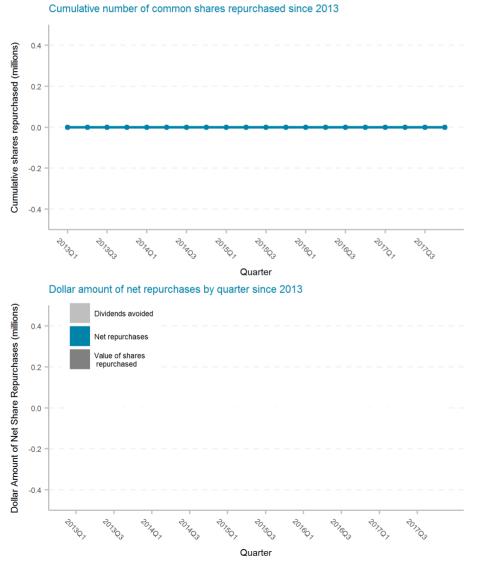
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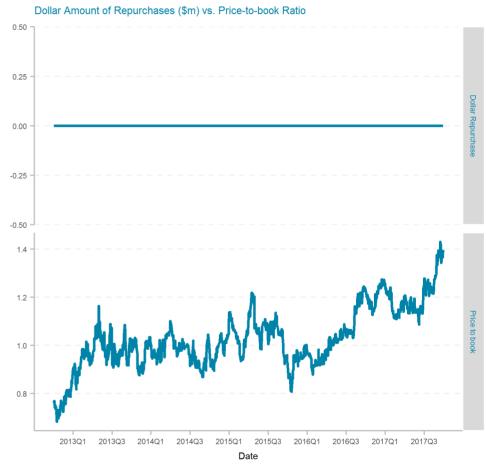




State Auto Financial Corporation

	# of	Current Mkt	Initial Shares	Shares	Dollar	Percent of Initial	Percent of Mkt	Total		Punthook
Ticker	# UI	Cap (\$m)	(mil)	Repurchased	Repurchased	Shares	Cap	Shareholder	Buyback ROI	Buyback Effectiveness
	quarters	Cap (\$III)	(11111)	(mil)	(\$m)	Repurchased	Repurchased	Return		Ellectivelless

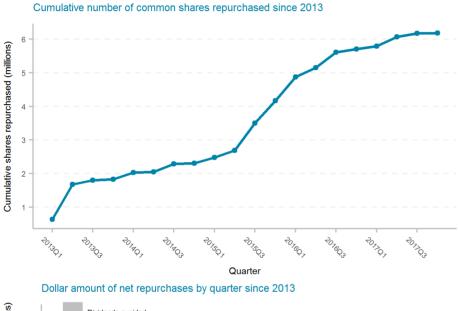


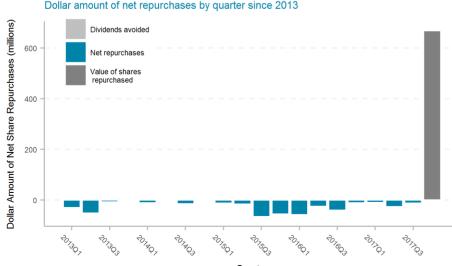


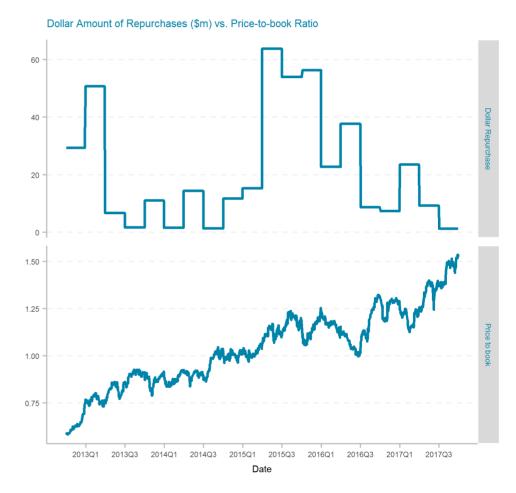


Hanover Insurance Group, Inc.

Ticker	# of quarters	Current Mkt Cap (\$m)	Initial Shares (mil)	Shares Repurchased (mil)	Dollar Repurchased (\$m)	Percent of Initial Shares Repurchased	Percent of Mkt Cap Repurchased	Total Shareholder Return	Buyback ROI	Buyback Effectiveness
THG	20	4,890	44.0	6.2	428	14.0%	8.8%	18.6%	21.9%	2.7%



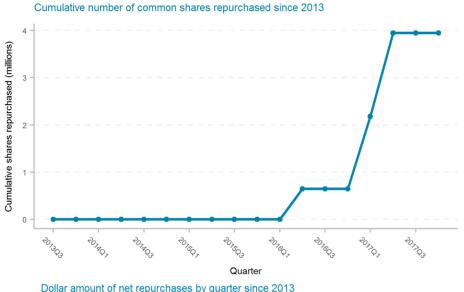


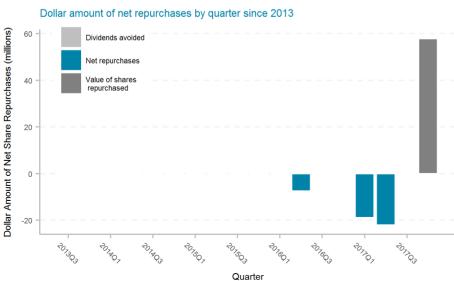


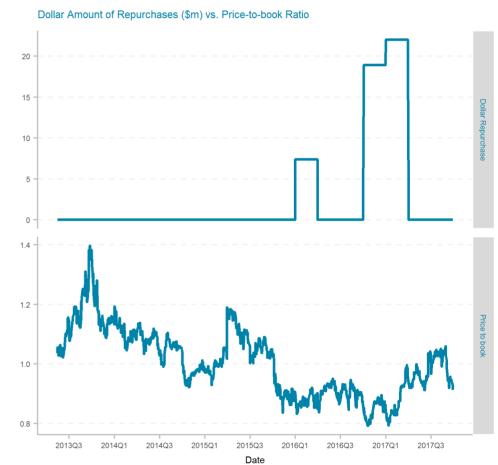


Third Point Reinsurance Ltd.

Ticker	# of quarters	Current Mkt Cap (\$m)	Initial Shares (mil)	Shares Repurchased (mil)	Dollar Repurchased (\$m)	Percent of Initial Shares Repurchased	Percent of Mkt Cap Repurchased	Total Shareholder Return	Buyback ROI	Buyback Effectiveness
TPRE	18	1,380	103.9	3.9	48	3.8%	3.5%	0.2%	26.6%	26.3%



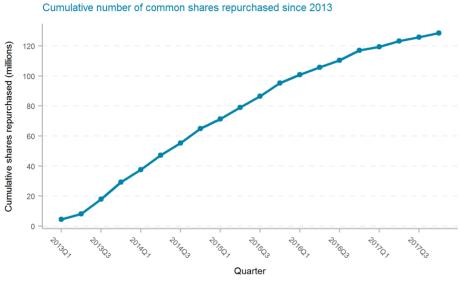






Travelers Companies, Inc.

Ticker	# of quarters	Current Mkt Cap (\$m)	Initial Shares (mil)	Shares Repurchased (mil)	Dollar Repurchased (\$m)	Percent of Initial Shares Repurchased	Percent of Mkt Cap Repurchased	Total Shareholder Return	Buyback ROI	Buyback Effectiveness
TRV	20	35,570	376.4	128.6	12,929	34.2%	36.3%	12.1%	14.8%	2.3%



Dollar amount of net repurchases by quarter since 2013

Dividends avoided

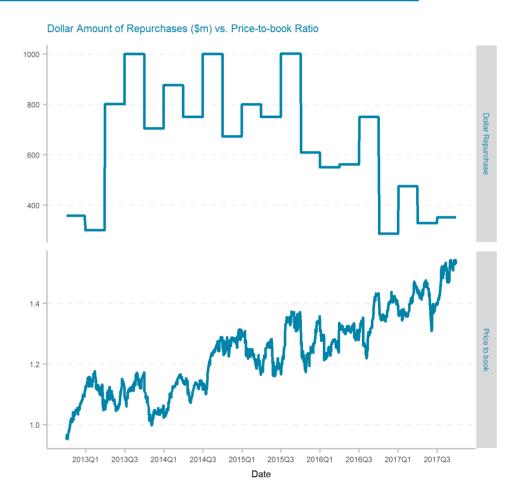
Net repurchases

Value of shares repurchased

10,000

5,000

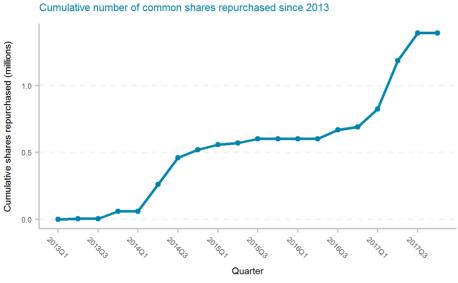
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United Fire Group, Inc.

Ticker	# of quarters	Current Mkt Cap (\$m)	Initial Shares (mil)	Shares Repurchased (mil)	Dollar Repurchased (\$m)	Percent of Initial Shares Repurchased	Percent of Mkt Cap Repurchased	Total Shareholder Return	Buyback ROI	Buyback Effectiveness
UFCS	20	1,250	25.3	1.4	51	5.5%	4.0%	14.5%	18.8%	3.8%



Dollar amount of net repurchases by quarter since 2013

Separation of the repurchases by quarter since 2013

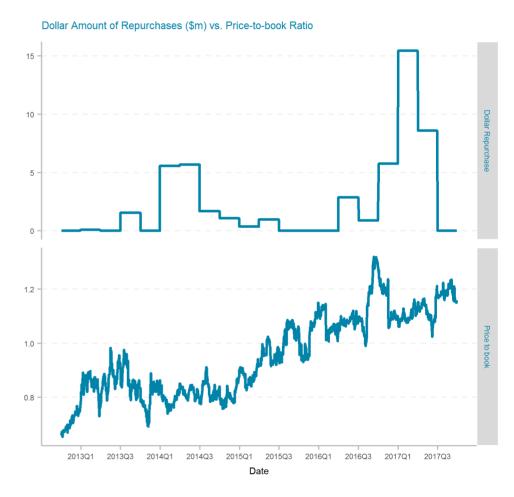
Dividends avoided

Net repurchases

Value of shares repurchased

20

This part of the par

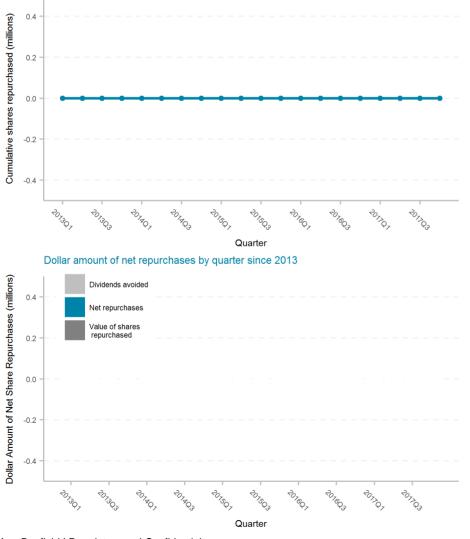


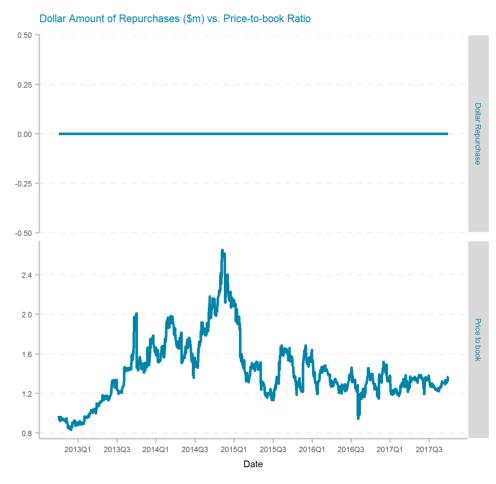


United Insurance Holdings Corp.

Cumulative number of common shares repurchased since 2013

	# of	Current Mkt	Initial Shares	Shares	Dollar	Percent of Initial	Percent of Mkt	Total		Buyback
Ticker	# UI	Cap (\$m)		Repurchased	Repurchased	Shares	Cap	Shareholder	Buyback ROI	Effectiveness
	quarters	Сар (фііі)	(mil)	(mil)	(\$m)	Repurchased	Repurchased	Return		Ellectivelless

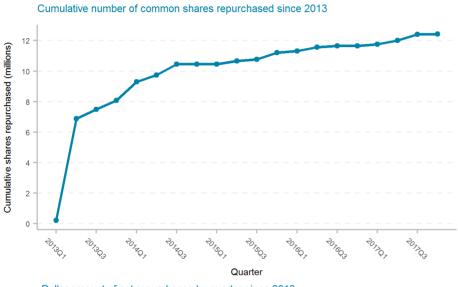


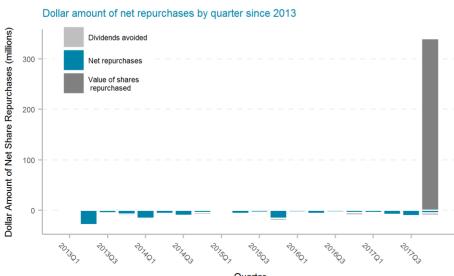


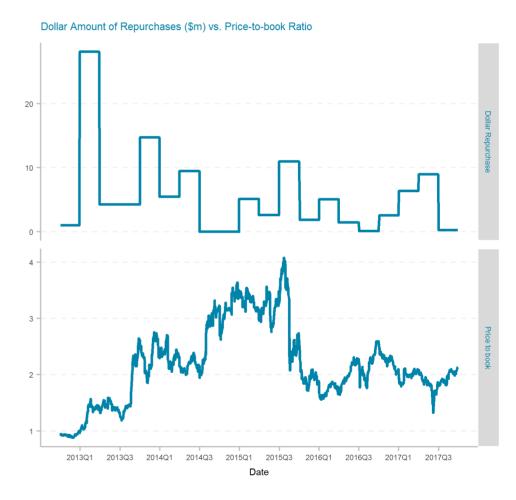


Universal Insurance Holdings, Inc.

Ticker	# of quarters	Current Mkt Cap (\$m)	Initial Shares (mil)	Shares Repurchased (mil)	Dollar Repurchased (\$m)	Percent of Initial Shares Repurchased	Percent of Mkt Cap Repurchased	Total Shareholder Return	Buyback ROI	Buyback Effectiveness
UVE	20	1,140	40.7	12.4	113	30.5%	9.9%	45.1%	50.4%	3.7%



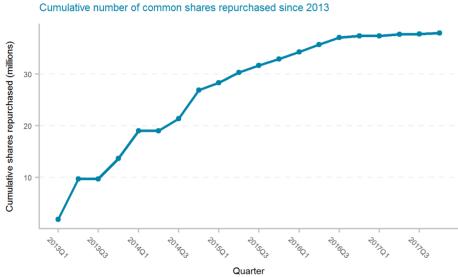


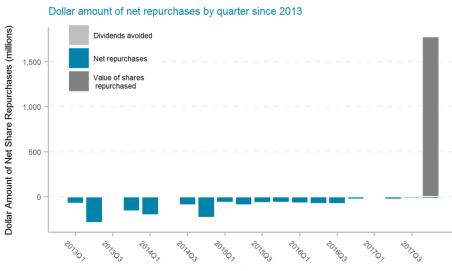


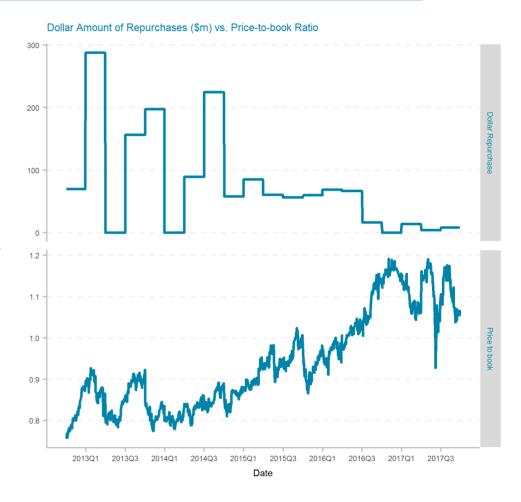


Validus Holdings, Ltd.

Ticker	# of quarters	Current Mkt Cap (\$m)	Initial Shares (mil)	Shares Repurchased (mil)	Dollar Repurchased (\$m)	Percent of Initial Shares Repurchased	Percent of Mkt Cap Repurchased	Total Shareholder Return	Buyback ROI	Buyback Effectiveness
VR	20	5,380	106.3	37.9	1,524	35.7%	28.3%	9.7%	8.7%	-0.9%



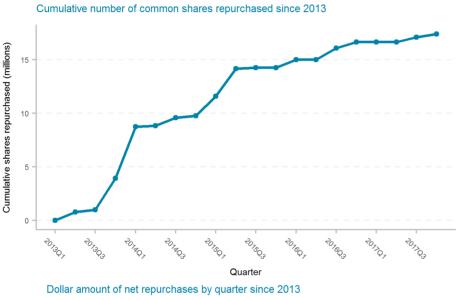


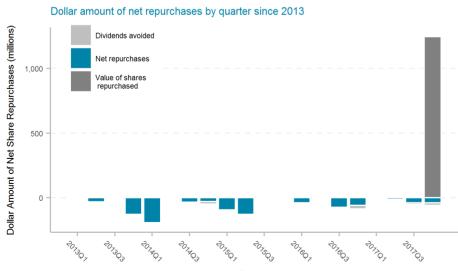


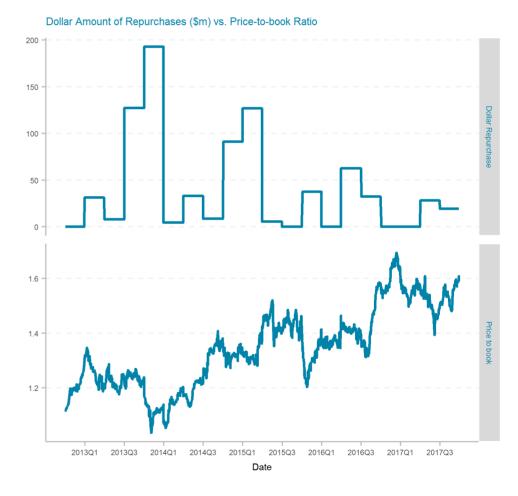


W. R. Berkley Corporation

Ticker	# of quarters	Current Mkt Cap (\$m)	Initial Shares (mil)	Shares Repurchased (mil)	Dollar Repurchased (\$m)	Percent of Initial Shares Repurchased	Percent of Mkt Cap Repurchased	Total Shareholder Return	Buyback ROI	Buyback Effectiveness
WRB	20	9,420	136.0	17.4	809	12.8%	8.6%	12.6%	19.9%	6.6%





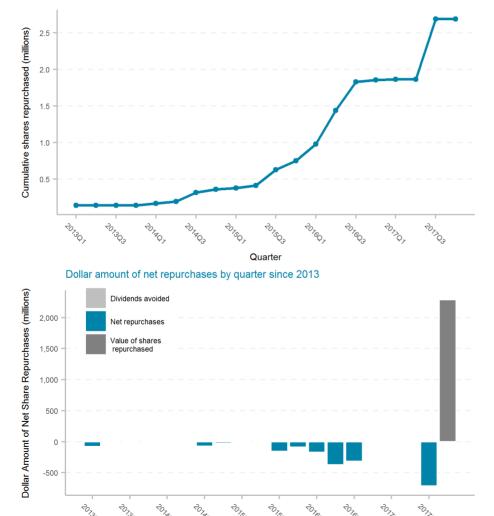


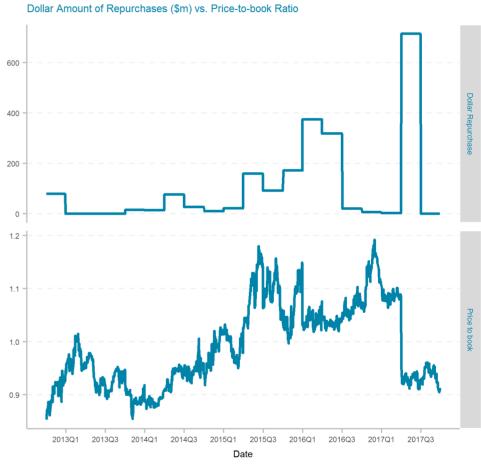


White Mountains Insurance Group, Ltd.

Cumulative number of common shares repurchased since 2013

Ticker	# of quarters	Current Mkt Cap (\$m)	Initial Shares (mil)	Shares Repurchased (mil)	Dollar Repurchased (\$m)	Percent of Initial Shares Repurchased	Percent of Mkt Cap Repurchased	Total Shareholder Return	Buyback ROI	Buyback Effectiveness
WTM	20	3,250	6.2	2.7	2,110	43.5%	64.9%	8.7%	6.0%	-2.5%

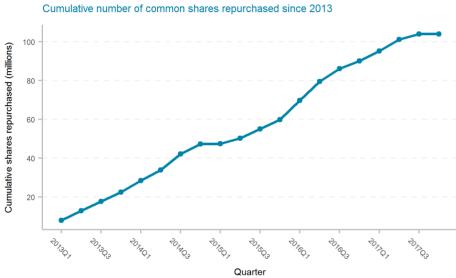


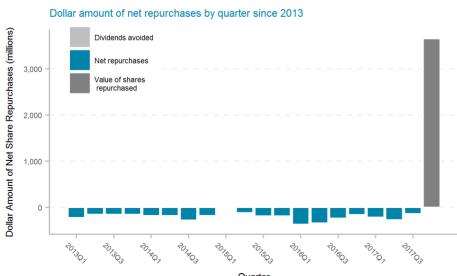


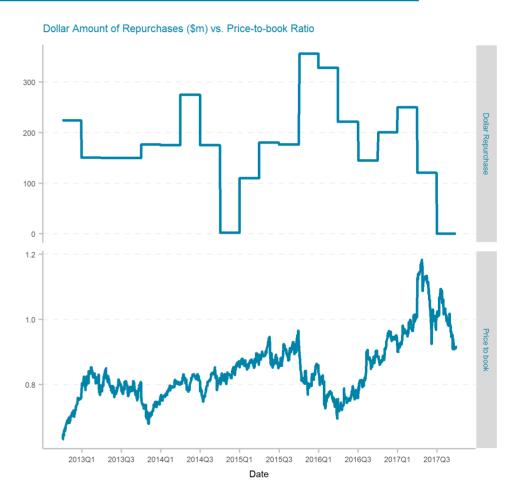


XL Group Ltd

Ticker	# of quarters	Current Mkt Cap (\$m)	Initial Shares (mil)	Shares Repurchased (mil)	Dollar Repurchased (\$m)	Percent of Initial Shares Repurchased	Percent of Mkt Cap Repurchased	Total Shareholder Return	Buyback ROI	Buyback Effectiveness
XL	20	14,330	291.8	103.8	3,567	35.6%	24.9%	5.2%	3.6%	-1.5%









Alleghany Corporation

Ticker	# of quarters	Current Mkt Cap (\$m)	Initial Shares (mil)	Shares Repurchased (mil)	Dollar Repurchased (\$m)	Percent of Initial Shares Repurchased	Percent of Mkt Cap Repurchased	Total Shareholder Return	Buyback ROI	Buyback Effectiveness
Υ	20	8,850	16.8	1.5	669	9.2%	7.6%	8.5%	11.7%	2.9%

