

Essent Group Ltd. and Subsidiaries
Financial Results and Supplemental Information (Unaudited)
Quarter Ended June 30, 2019

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Essent Group Ltd. and Subsidiaries
Condensed Consolidated Statements of Comprehensive Income (Unaudited)

(In thousands, except per share amounts)	Three Months Ended June 30,		Six Months Ended June 30,	
	2019	2018	2019	2018
Revenues:				
Net premiums written	\$ 188,404	\$ 168,404	\$ 366,048	\$ 333,629
Decrease (increase) in unearned premiums	86	(11,446)	233	(24,113)
Net premiums earned	188,490	156,958	366,281	309,516
Net investment income	20,581	15,134	40,461	28,848
Realized investment gains, net	583	439	1,243	636
Other income	2,238	1,237	4,433	2,231
Total revenues	211,892	173,768	412,418	341,231
Losses and expenses:				
Provision for losses and LAE	4,960	1,813	12,067	7,122
Other underwriting and operating expenses	41,520	36,428	82,550	74,552
Interest expense	2,679	2,618	5,349	5,068
Total losses and expenses	49,159	40,859	99,966	86,742
Income before income taxes	162,733	132,909	312,452	254,489
Income tax expense	26,328	21,154	48,327	31,665
Net income	\$ 136,405	\$ 111,755	\$ 264,125	\$ 222,824
Earnings per share:				
Basic	\$ 1.39	\$ 1.15	\$ 2.70	\$ 2.29
Diluted	1.39	1.14	2.69	2.28
Weighted average shares outstanding:				
Basic	97,798	97,426	97,697	97,362
Diluted	98,170	97,866	98,137	97,908
Net income	\$ 136,405	\$ 111,755	\$ 264,125	\$ 222,824
Other comprehensive income (loss):				
Change in unrealized appreciation (depreciation) of investments	35,987	(7,246)	74,353	(35,996)
Total other comprehensive income (loss)	35,987	(7,246)	74,353	(35,996)
Comprehensive income	\$ 172,392	\$ 104,509	\$ 338,478	\$ 186,828
Loss ratio	2.6%	1.2%	3.3%	2.3%
Expense ratio	22.0	23.2	22.5	24.1
Combined ratio	24.7%	24.4%	25.8%	26.4%

Essent Group Ltd. and Subsidiaries
Condensed Consolidated Balance Sheets (Unaudited)

<u>(\$ in thousands)</u>	June 30, 2019	December 31, 2018
Assets		
Investments		
Fixed maturities available for sale, at fair value	\$ 2,848,746	\$ 2,605,666
Short-term investments available for sale, at fair value	251,468	154,400
Total investments available for sale	<u>3,100,214</u>	<u>2,760,066</u>
Other invested assets	69,853	30,952
Total investments	<u>3,170,067</u>	<u>2,791,018</u>
Cash	25,255	64,946
Accrued investment income	18,387	17,627
Accounts receivable	40,395	36,881
Deferred policy acquisition costs	15,830	16,049
Property and equipment	17,324	7,629
Prepaid federal income tax	230,385	202,385
Other assets	<u>22,256</u>	<u>13,436</u>
Total assets	<u>\$ 3,539,899</u>	<u>\$ 3,149,971</u>
Liabilities and Stockholders' Equity		
Liabilities		
Reserve for losses and LAE	\$ 55,138	\$ 49,464
Unearned premium reserve	295,234	295,467
Net deferred tax liability	216,660	172,642
Credit facility borrowings, net of deferred costs	223,950	223,664
Securities purchased payable	5,041	2,041
Other accrued liabilities	39,584	40,976
Total liabilities	<u>835,607</u>	<u>784,254</u>
Commitments and contingencies		
Stockholders' Equity		
Common shares	1,476	1,472
Additional paid-in capital	1,110,893	1,110,800
Accumulated other comprehensive income (loss)	45,360	(28,993)
Retained earnings	1,546,563	1,282,438
Total stockholders' equity	<u>2,704,292</u>	<u>2,365,717</u>
Total liabilities and stockholders' equity	<u>\$ 3,539,899</u>	<u>\$ 3,149,971</u>
Return on average equity (1)	20.9%	21.7%

(1) The 2019 return on average equity is calculated by dividing annualized year-to-date 2019 net income by average equity. The 2018 return on average equity is calculated by dividing full year 2018 net income by average equity.

Essent Group Ltd. and Subsidiaries
Supplemental Information
Historical Quarterly Data

Selected Income Statement Data	2019			2018		
	June 30	March 31	December 31	September 30	June 30	March 31
<u>(In thousands, except per share amounts)</u>						
Revenues:						
Net premiums written	\$ 188,404	\$ 177,644	\$ 176,437	\$ 175,221	\$ 168,404	\$ 165,225
Net premiums earned (1)	188,490	177,791	173,301	166,675	156,958	152,558
Other revenues (2)	23,402	22,735	19,823	18,323	16,810	14,905
Total revenues	211,892	200,526	193,124	184,998	173,768	167,463
Losses and expenses:						
Provision for losses and LAE (3)	4,960	7,107	(999)	5,452	1,813	5,309
Other underwriting and operating expenses	41,520	41,030	39,449	36,899	36,428	38,124
Interest expense	2,679	2,670	2,611	2,500	2,618	2,450
Total losses and expenses	49,159	50,807	41,061	44,851	40,859	45,883
Income before income taxes	162,733	149,719	152,063	140,147	132,909	121,580
Income tax expense (4)	26,328	21,999	23,535	24,136	21,154	10,511
Net income	\$ 136,405	\$ 127,720	\$ 128,528	\$ 116,011	\$ 111,755	\$ 111,069
Earnings per share:						
Basic	\$ 1.39	\$ 1.31	\$ 1.32	\$ 1.19	\$ 1.15	\$ 1.14
Diluted	1.39	1.30	1.31	1.18	1.14	1.13
Weighted average shares outstanding:						
Basic	97,798	97,595	97,450	97,438	97,426	97,298
Diluted	98,170	98,104	98,066	98,013	97,866	97,951
Other Data:						
Loss ratio (5)	2.6%	4.0%	(0.6)%	3.3%	1.2%	3.5%
Expense ratio (6)	22.0	23.1	22.8	22.1	23.2	25.0
Combined ratio	24.7%	27.1%	22.2 %	25.4%	24.4%	28.5%
Return on average equity (annualized)	20.9%	20.9%	22.4 %	21.5%	21.8%	22.6%

(1) Net premiums earned are net of premiums ceded to third-party reinsurers. Premiums ceded totaled \$8,428, \$6,038, \$3,731, \$3,158, \$3,585 and \$294 in the three months ended June 30, 2019, March 31, 2019, December 31, 2018, September 30, 2018, June 30, 2018 and March 31, 2018, respectively.

(2) Certain of our third-party reinsurance agreements contain an embedded derivative as the premium ceded under those agreements will vary based on changes in interest rates. Other revenues for the three months ended June 30, 2019 and March 31, 2019 include a \$1,160 and \$1,424 favorable increase, respectively, in the fair value of these embedded derivatives.

(3) Provision for losses and LAE for the three months ended December 31, 2018 includes a \$9,941 reduction associated with previously identified hurricane-related defaults based on the performance to date and our expectations of the amount of ultimate losses on the remaining delinquencies.

(4) Income tax expense for the three months ended March 31, 2019 and 2018 was reduced by \$1,956 and \$9,549, respectively, of excess tax benefits associated with the vesting of common shares and common share units during each period. Income tax expense for the three months ended September 30, 2018 includes \$1,450 of expense associated with accrual to return adjustments associated with the completion of the 2017 U.S. federal income tax return.

(5) Loss ratio is calculated by dividing the provision for losses and LAE by net premiums earned.

(6) Expense ratio is calculated by dividing other underwriting and operating expenses by net premiums earned.

Essent Group Ltd. and Subsidiaries
Supplemental Information
Historical Quarterly Data

Other Data, continued: (\$ in thousands)	2019		2018			
	June 30	March 31	December 31	September 30	June 30	March 31
U.S. Mortgage Insurance Portfolio						
Flow:						
New insurance written	\$ 17,973,505	\$ 10,945,307	\$ 11,408,542	\$ 13,913,191	\$ 12,850,642	\$ 9,336,150
New risk written	4,485,217	2,713,389	2,838,530	3,430,942	3,201,610	2,295,314
Bulk:						
New insurance written	\$ 29,524	\$ 55,002	\$ —	\$ —	\$ —	\$ —
New risk written	2,129	6,542	—	—	—	—
Total:						
Average gross premium rate (7)	0.51%	0.50%	0.50%	0.51%	0.52%	0.52%
Average net premium rate (8)	0.49%	0.48%	0.49%	0.50%	0.51%	0.52%
New insurance written	\$ 18,003,029	\$ 11,000,309	\$ 11,408,542	\$ 13,913,191	\$ 12,850,642	\$ 9,336,150
New risk written	\$ 4,487,346	\$ 2,719,931	\$ 2,838,530	\$ 3,430,942	\$ 3,201,610	\$ 2,295,314
Insurance in force (end of period)	\$ 153,317,157	\$ 143,181,641	\$ 137,720,786	\$ 131,249,957	\$ 122,501,246	\$ 115,250,949
Gross risk in force (end of period) (9)	\$ 38,531,090	\$ 35,925,830	\$ 34,482,448	\$ 32,786,194	\$ 30,579,106	\$ 28,691,561
Risk in force (end of period)	\$ 37,034,687	\$ 34,744,417	\$ 33,892,869	\$ 32,361,782	\$ 30,154,694	\$ 28,267,149
Policies in force	666,705	629,808	608,135	581,570	546,576	517,215
Weighted average coverage (10)	25.1%	25.1%	25.0%	25.0%	25.0%	24.9%
Annual persistency	84.8%	85.1%	84.9%	84.0%	83.0%	83.5%
Loans in default (count)	4,405	4,096	4,024	3,538	3,519	4,442
Percentage of loans in default	0.66%	0.65%	0.66%	0.61%	0.64%	0.86%
Other Risk in Force						
GSE and other risk share (11)	\$ 802,530	\$ 771,175	\$ 655,384	\$ 612,750	\$ 592,493	\$ 557,692
Credit Facility						
Borrowings outstanding	\$ 225,000	\$ 225,000	\$ 225,000	\$ 225,000	\$ 225,000	\$ 265,000
Undrawn committed capacity	\$ 275,000	\$ 275,000	\$ 275,000	\$ 275,000	\$ 275,000	\$ 110,000
Weighted average interest rate	4.41%					

(7) Average gross premium rate is calculated by dividing annualized premiums earned for the U.S. mortgage insurance portfolio, before reductions for premiums ceded under third-party reinsurance, by average insurance in force for the period.

(8) Average net premium rate is calculated by dividing annualized net premiums earned for the U.S. mortgage insurance portfolio by average insurance in force for the period.

(9) Gross risk in force includes risk ceded under third-party reinsurance.

(10) Weighted average coverage is calculated by dividing end of period gross risk in force by end of period insurance in force.

(11) GSE and other risk share includes GSE risk share and other reinsurance transactions. Essent Re provides insurance or reinsurance relating to the risk in force on loans in reference pools acquired by Freddie Mac and Fannie Mae.

Essent Group Ltd. and Subsidiaries
Supplemental Information
New Insurance Written: Flow

NIW by Credit Score

	Three Months Ended				Six Months Ended			
	June 30, 2019		June 30, 2018		June 30, 2019		June 30, 2018	
(\$ in thousands)								
>=760	\$ 7,313,814	40.7%	\$ 5,460,040	42.5%	\$ 11,784,317	40.8%	\$ 9,292,258	41.9%
740-759	3,073,807	17.1	2,217,294	17.3	4,985,948	17.2	3,767,432	17.0
720-739	2,572,580	14.3	1,881,334	14.6	4,138,193	14.3	3,220,479	14.5
700-719	2,140,363	11.9	1,544,303	12.0	3,492,908	12.1	2,689,203	12.1
680-699	1,534,959	8.5	940,587	7.3	2,442,928	8.4	1,750,205	7.9
<=679	1,337,982	7.5	807,084	6.3	2,074,518	7.2	1,467,215	6.6
Total	\$ 17,973,505	100.0%	\$ 12,850,642	100.0%	\$ 28,918,812	100.0%	\$ 22,186,792	100.0%
Weighted average credit score	744		746		744		745	

NIW by LTV

	Three Months Ended				Six Months Ended			
	June 30, 2019		June 30, 2018		June 30, 2019		June 30, 2018	
(\$ in thousands)								
85.00% and below	\$ 2,220,430	12.3%	\$ 1,491,036	11.6%	\$ 3,663,263	12.7%	\$ 2,703,372	12.2%
85.01% to 90.00%	4,851,313	27.0	3,589,257	27.9	7,801,661	27.0	6,297,769	28.4
90.01% to 95.00%	7,525,709	41.9	5,584,368	43.5	12,185,046	42.1	9,662,576	43.5
95.01% and above	3,376,053	18.8	2,185,981	17.0	5,268,842	18.2	3,523,075	15.9
Total	\$ 17,973,505	100.0%	\$ 12,850,642	100.0%	\$ 28,918,812	100.0%	\$ 22,186,792	100.0%
Weighted average LTV	92%		92%		92%		92%	

NIW by Product

	Three Months Ended		Six Months Ended	
	June 30, 2019	June 30, 2018	June 30, 2019	June 30, 2018
Single Premium policies	11.1%	14.5%	11.6%	17.0%
Monthly Premium policies	88.9	85.5	88.4	83.0
	100.0%	100.0%	100.0%	100.0%

NIW by Purchase vs. Refinance

	Three Months Ended		Six Months Ended	
	June 30, 2019	June 30, 2018	June 30, 2019	June 30, 2018
Purchase	84.5%	93.1%	85.7%	89.8%
Refinance	15.5	6.9	14.3	10.2
	100.0%	100.0%	100.0%	100.0%

Essent Group Ltd. and Subsidiaries
Supplemental Information
Insurance in Force and Risk in Force

Portfolio by Credit Score

IIF by FICO score (\$ in thousands)	June 30, 2019		March 31, 2019		June 30, 2018	
>=760	\$ 64,977,185	42.4%	\$ 61,191,185	42.7%	\$ 53,145,884	43.4%
740-759	25,747,495	16.8	23,919,745	16.7	20,127,254	16.4
720-739	22,203,764	14.5	20,728,151	14.5	17,605,819	14.4
700-719	17,723,067	11.5	16,454,730	11.5	13,836,837	11.3
680-699	12,697,092	8.3	11,774,884	8.2	10,145,188	8.3
<=679	9,968,554	6.5	9,112,946	6.4	7,640,264	6.2
Total	<u>\$ 153,317,157</u>	<u>100.0%</u>	<u>\$ 143,181,641</u>	<u>100.0%</u>	<u>\$ 122,501,246</u>	<u>100.0%</u>

Weighted average credit score 746 746 746

Gross RIF by FICO score (\$ in thousands)	June 30, 2019		March 31, 2019		June 30, 2018	
>=760	\$ 16,258,608	42.2%	\$ 15,303,364	42.6%	\$ 13,245,851	43.3%
740-759	6,478,145	16.8	6,012,004	16.7	5,052,409	16.5
720-739	5,643,012	14.6	5,257,051	14.6	4,438,671	14.5
700-719	4,473,871	11.6	4,144,221	11.6	3,450,490	11.3
680-699	3,217,062	8.4	2,974,758	8.3	2,540,531	8.3
<=679	2,460,392	6.4	2,234,432	6.2	1,851,154	6.1
Total	<u>\$ 38,531,090</u>	<u>100.0%</u>	<u>\$ 35,925,830</u>	<u>100.0%</u>	<u>\$ 30,579,106</u>	<u>100.0%</u>

Portfolio by LTV

IIF by LTV (\$ in thousands)	June 30, 2019		March 31, 2019		June 30, 2018	
85.00% and below	\$ 16,525,093	10.8%	\$ 15,581,861	10.9%	\$ 13,868,422	11.3%
85.01% to 90.00%	44,234,770	28.9	42,045,657	29.3	37,558,668	30.6
90.01% to 95.00%	72,549,888	47.3	68,414,122	47.8	59,491,807	48.6
95.01% and above	20,007,406	13.0	17,140,001	12.0	11,582,349	9.5
Total	<u>\$ 153,317,157</u>	<u>100.0%</u>	<u>\$ 143,181,641</u>	<u>100.0%</u>	<u>\$ 122,501,246</u>	<u>100.0%</u>

Weighted average LTV 92% 92% 92%

Gross RIF by LTV (\$ in thousands)	June 30, 2019		March 31, 2019		June 30, 2018	
85.00% and below	\$ 1,907,272	5.0%	\$ 1,797,794	5.0%	\$ 1,584,294	5.2%
85.01% to 90.00%	10,625,848	27.6	10,083,981	28.1	8,950,145	29.3
90.01% to 95.00%	20,784,261	53.9	19,605,747	54.6	17,068,140	55.8
95.01% and above	5,213,709	13.5	4,438,308	12.3	2,976,527	9.7
Total	<u>\$ 38,531,090</u>	<u>100.0%</u>	<u>\$ 35,925,830</u>	<u>100.0%</u>	<u>\$ 30,579,106</u>	<u>100.0%</u>

Portfolio by Loan Amortization Period

IIF by Loan Amortization Period (\$ in thousands)	June 30, 2019		March 31, 2019		June 30, 2018	
FRM 30 years and higher	\$ 143,827,908	93.8%	\$ 133,725,528	93.4%	\$ 112,753,292	92.0%
FRM 20-25 years	2,901,947	1.9	2,912,323	2.1	3,040,764	2.5
FRM 15 years	3,391,072	2.2	3,335,714	2.3	3,638,461	3.0
ARM 5 years and higher	3,196,230	2.1	3,208,076	2.2	3,068,729	2.5
Total	<u>\$ 153,317,157</u>	<u>100.0%</u>	<u>\$ 143,181,641</u>	<u>100.0%</u>	<u>\$ 122,501,246</u>	<u>100.0%</u>

Essent Group Ltd. and Subsidiaries
Supplemental Information
Other Risk in Force

<u>(\$ in thousands)</u>	<u>June 30, 2019</u>	<u>March 31, 2019</u>	<u>June 30, 2018</u>
GSE and other risk share (1)	<u>\$ 802,530</u>	<u>\$ 771,175</u>	<u>\$ 592,493</u>
Weighted average credit score	748	747	748
Weighted average LTV	85%	85%	85%

(1) GSE and other risk share includes GSE risk share and other reinsurance transactions. Essent Reinsurance Ltd. ("Essent Re") provides insurance or reinsurance relating to the risk in force on loans in reference pools acquired by Freddie Mac and Fannie Mae.

Essent Group Ltd. and Subsidiaries
Supplemental Information
Portfolio Vintage Data
June 30, 2019

Year	Original Insurance Written (\$ in thousands)	Remaining Insurance in Force (\$ in thousands)	% Remaining of Original Insurance	Number of Policies in Force	Insurance in Force						Incurred Loss Ratio (Inception to Date) (1)	Number of Loans in Default
					% Purchase	>90% LTV	>95% LTV	FICO < 700	FICO >= 760	% FRM		
2010	\$ 245,898	\$ 6,255	2.5%	46	71.1%	60.6%	0.0%	1.5%	63.4%	100.0%	2.6%	—
2011	3,229,720	186,982	5.8	1,091	70.5	61.5	0.3	6.2	52.7	97.8	3.8	24
2012	11,241,161	1,405,500	12.5	7,534	73.1	70.9	0.7	5.4	56.9	99.0	2.3	92
2013	21,152,638	4,237,378	20.0	22,517	79.7	64.3	2.2	7.8	51.4	98.8	2.3	246
2014	24,799,434	7,141,438	28.8	38,770	89.2	66.4	4.7	15.7	41.1	96.9	3.1	508
2015	26,193,656	11,777,504	45.0	56,811	84.7	58.9	2.7	14.7	43.8	98.0	2.8	632
2016	34,949,319	22,423,350	64.2	100,102	83.0	57.9	6.9	13.6	45.5	98.5	3.1	860
2017	43,858,322	34,821,992	79.4	154,934	86.9	59.4	14.1	15.8	41.7	97.1	4.2	1,250
2018	47,508,525	42,790,095	90.1	177,166	92.0	61.0	17.6	14.9	41.0	97.9	4.8	751
2019 (through June 30)	29,003,338	28,526,663	98.4	107,734	85.6	60.5	18.4	15.7	40.5	98.5	1.6	42
Total	<u>\$ 242,182,011</u>	<u>\$ 153,317,157</u>	63.3	<u>666,705</u>	87.1	60.4	13.0	14.8	42.4	97.9	3.1	<u>4,405</u>

(1) Incurred loss ratio is calculated by dividing the sum of case reserves and cumulative amount paid for claims by cumulative net premiums earned.

Essent Group Ltd. and Subsidiaries
Supplemental Information
Reinsurance Vintage Data
June 30, 2019

(\$ in thousands)

Year	Remaining Insurance in Force	Remaining Risk in Force	Original Reinsurance in Force			Remaining Reinsurance in Force			Losses Ceded to Date	Original First Layer Retention	Remaining First Layer Retention	Quarter-to-Date Premiums Ceded	Year-to-Date Premiums Ceded
			ILN	Other Reinsurance	Total	ILN	Other Reinsurance	Total					
2015 & 2016	\$ 30,826,843	\$ 8,331,331	\$ 333,844 (1)	\$ —	\$ 333,844	\$ 333,844	\$ —	\$ 333,844	\$ —	\$ 208,111	\$ 208,111	\$ 340	\$ 340
2017	33,789,568	8,468,723	424,412 (2)	165,167 (3)	589,579	405,558	165,167	570,725	—	224,689	224,017	3,692	7,423
2018	41,985,709	10,531,739	473,184 (4)	118,650 (5)	591,834	473,184	118,650	591,834	—	253,643	253,643	4,396	6,703
Total	\$ 106,602,120	\$ 27,331,793	\$ 1,231,440	\$ 283,817	\$ 1,515,257	\$ 1,212,586	\$ 283,817	\$ 1,496,403	\$ —	\$ 686,443	\$ 685,771	\$ 8,428	\$ 14,466

(1) Reinsurance provided by Radnor Re 2019-2 Ltd., through its issuance of mortgage insurance-linked notes ("ILNs"), effective June 2019.

(2) Reinsurance provided by Radnor Re 2018-1 Ltd., through its issuance of ILNs, effective March 2018.

(3) Reinsurance provided by a panel of reinsurers effective November 2018. Coverage provided immediately above the coverage provided by Radnor Re 2018-1 Ltd.

(4) Reinsurance provided by Radnor Re 2019-1 Ltd., through its issuance of ILNs, effective February 2019.

(5) Reinsurance provided by a panel of reinsurers effective February 2019. Coverage provided pari-passu to the coverage provided by Radnor Re 2019-1 Ltd.

Essent Group Ltd. and Subsidiaries
Supplemental Information
Portfolio Geographic Data

IIF by State

	June 30, 2019	March 31, 2019	June 30, 2018
CA	9.6%	9.3%	9.2%
TX	8.0	7.9	8.0
FL	7.5	7.4	7.2
WA	4.6	4.7	4.8
IL	3.8	3.8	3.9
NJ	3.7	3.7	3.7
CO	3.6	3.4	3.3
NC	3.4	3.5	3.5
OH	3.4	3.3	3.2
GA	3.4	3.4	3.4
All Others	49.0	49.6	49.8
Total	<u>100.0%</u>	<u>100.0%</u>	<u>100.0%</u>

Gross RIF by State

	June 30, 2019	March 31, 2019	June 30, 2018
CA	9.4%	9.0%	8.9%
TX	8.3	8.1	8.2
FL	7.6	7.6	7.3
WA	4.6	4.7	4.9
IL	3.7	3.7	3.8
NJ	3.6	3.7	3.6
CO	3.5	3.3	3.2
GA	3.4	3.5	3.5
NC	3.4	3.5	3.5
OH	3.4	3.4	3.3
All Others	49.1	49.5	49.8
Total	<u>100.0%</u>	<u>100.0%</u>	<u>100.0%</u>

Essent Group Ltd. and Subsidiaries
Supplemental Information
Defaults, Reserve for Losses and LAE, and Claims

Rollforward of Insured Loans in Default

	Three Months Ended		Six Months Ended	
	June 30,	June 30,	June 30,	June 30,
	2019	2018	2019	2018
Beginning default inventory	4,096	4,442	4,024	4,783
Plus: new defaults	2,849	1,701	5,767	3,695
Less: cures	(2,433)	(2,572)	(5,182)	(4,842)
Less: claims paid	(106)	(52)	(194)	(115)
Less: rescissions and denials, net	(1)	—	(10)	(2)
Ending default inventory	4,405	3,519	4,405	3,519

Rollforward of Reserve for Losses and LAE

(\$ in thousands)	Three Months Ended		Six Months Ended	
	June 30,	June 30,	June 30,	June 30,
	2019	2018	2019	2018
Reserve for losses and LAE at beginning of period	\$ 53,484	\$ 49,966	\$ 49,464	\$ 46,850
Add provision for losses and LAE occurring in:				
Current year	11,354	6,576	23,182	16,528
Prior years	(6,394)	(4,763)	(11,115)	(9,406)
Incurring losses and LAE during the period	4,960	1,813	12,067	7,122
Deduct payments for losses and LAE occurring in:				
Current year	230	211	245	211
Prior years	3,076	1,552	6,148	3,745
Loss and LAE payments during the period	3,306	1,763	6,393	3,956
Reserve for losses and LAE at end of period	\$ 55,138	\$ 50,016	\$ 55,138	\$ 50,016

Claims

	Three Months Ended		Six Months Ended	
	June 30,	June 30,	June 30,	June 30,
	2019	2018	2019	2018
Number of claims paid	106	52	194	115
Total amount paid for claims (in thousands)	\$ 3,208	\$ 1,676	\$ 6,107	\$ 3,819
Average amount paid per claim (in thousands)	\$ 30	\$ 32	\$ 31	\$ 33
Severity	69%	64%	74%	70%

Essent Group Ltd. and Subsidiaries
Supplemental Information
Defaults, Reserve for Losses and LAE, and Claims

June 30, 2019

<u>(\$ in thousands)</u>	Number of Policies in Default	Percentage of Policies in Default	Amount of Reserves	Percentage of Reserves	Defaulted RIF	Reserves as a Percentage of Defaulted RIF
Missed Payments:						
Three payments or less	2,511	57%	\$ 12,646	25%	\$ 133,536	9%
Four to eleven payments	1,443	33	22,292	44	78,047	29
Twelve or more payments	369	8	11,583	23	22,093	52
Pending claims	82	2	4,055	8	4,657	87
Total case reserves	<u>4,405</u>	<u>100%</u>	<u>50,576</u>	<u>100%</u>	<u>\$ 238,333</u>	<u>21</u>
IBNR			3,792			
LAE			770			
Total reserves for losses and LAE			<u>\$ 55,138</u>			
Average reserve per default:						
Case			\$ 11.5			
Total			\$ 12.5			
Default Rate	0.66%					

December 31, 2018

<u>(\$ in thousands)</u>	Number of Policies in Default	Percentage of Policies in Default	Amount of Reserves	Percentage of Reserves	Defaulted RIF	Reserves as a Percentage of Defaulted RIF
Missed Payments:						
Three payments or less	2,254	56%	\$ 12,005	27%	\$ 119,666	10%
Four to eleven payments	1,350	33	20,031	44	72,222	28
Twelve or more payments	357	9	10,523	23	20,419	52
Pending claims	63	2	2,749	6	3,182	86
Total case reserves	<u>4,024</u>	<u>100%</u>	<u>45,308</u>	<u>100%</u>	<u>\$ 215,489</u>	<u>21</u>
IBNR			3,398			
LAE			758			
Total reserves for losses and LAE			<u>\$ 49,464</u>			
Average reserve per default:						
Case			\$ 11.3			
Total			\$ 12.3			
Default Rate	0.66%					

June 30, 2018

<u>(\$ in thousands)</u>	Number of Policies in Default	Percentage of Policies in Default	Amount of Reserves	Percentage of Reserves	Defaulted RIF	Reserves as a Percentage of Defaulted RIF
Missed Payments:						
Three payments or less	1,543	44%	\$ 9,077	20%	\$ 84,685	11%
Four to eleven payments	1,675	47	26,688	58	96,627	28
Twelve or more payments	268	8	8,368	18	14,476	58
Pending claims	33	1	1,640	4	1,946	84
Total case reserves	<u>3,519</u>	<u>100%</u>	<u>45,773</u>	<u>100%</u>	<u>\$ 197,734</u>	<u>23</u>
IBNR			3,433			
LAE			810			
Total reserves for losses and LAE			<u>\$ 50,016</u>			
Average reserve per default:						
Case			\$ 13.0			
Total			\$ 14.2			
Default Rate	0.64%					

Essent Group Ltd. and Subsidiaries
Supplemental Information
Investments Available for Sale

Investments Available for Sale by Asset Class

Asset Class (\$ in thousands)	June 30, 2019		December 31, 2018	
	Fair Value	Percent	Fair Value	Percent
U.S. Treasury securities	\$ 305,152	9.8%	\$ 289,892	10.5%
U.S. agency securities	33,473	1.1	32,997	1.2
U.S. agency mortgage-backed securities	724,382	23.4	637,178	23.1
Municipal debt securities	402,715	13.0	483,879	17.5
Non-U.S. government securities	47,670	1.5	45,001	1.6
Corporate debt securities	774,506	25.0	725,201	26.3
Residential and commercial mortgage securities	250,793	8.1	121,838	4.4
Asset-backed securities	352,053	11.3	284,997	10.3
Money market funds	209,470	6.8	139,083	5.1
Total investments available for sale	<u>\$ 3,100,214</u>	<u>100.0%</u>	<u>\$ 2,760,066</u>	<u>100.0%</u>

Investments Available for Sale by Credit Rating

Rating (1) (\$ in thousands)	June 30, 2019		December 31, 2018	
	Fair Value	Percent	Fair Value	Percent
Aaa	\$ 1,638,005	52.8%	\$ 1,362,781	49.4%
Aa1	127,936	4.1	124,435	4.5
Aa2	159,631	5.2	196,218	7.1
Aa3	164,922	5.3	143,315	5.2
A1	216,738	7.0	222,073	8.0
A2	174,426	5.6	199,238	7.2
A3	174,948	5.7	146,300	5.3
Baa1	170,537	5.5	162,695	5.9
Baa2	161,799	5.2	140,168	5.1
Baa3	44,854	1.5	26,805	1.0
Below Baa3	66,418	2.1	36,038	1.3
Total investments available for sale	<u>\$ 3,100,214</u>	<u>100.0%</u>	<u>\$ 2,760,066</u>	<u>100.0%</u>

(1) Based on ratings issued by Moody's, if available. S&P or Fitch rating utilized if Moody's not available.

Investments Available for Sale by Duration and Book Yield

Effective Duration (\$ in thousands)	June 30, 2019		December 31, 2018	
	Fair Value	Percent	Fair Value	Percent
< 1 Year	\$ 812,953	26.2%	\$ 529,545	19.2%
1 to < 2 Years	401,313	12.9	285,060	10.3
2 to < 3 Years	277,580	9.0	251,763	9.1
3 to < 4 Years	395,083	12.7	278,804	10.1
4 to < 5 Years	303,485	9.8	429,005	15.6
5 or more Years	909,800	29.4	985,889	35.7
Total investments available for sale	<u>\$ 3,100,214</u>	<u>100.0%</u>	<u>\$ 2,760,066</u>	<u>100.0%</u>

Pre-tax investment income yield:

Three months ended June 30, 2019	2.84%
Six months ended June 30, 2019	2.85%

Net cash and investments at holding company, Essent Group Ltd.:

(\$ in thousands)	
As of June 30, 2019	\$ 71,972
As of December 31, 2018	\$ 78,405

Essent Group Ltd. and Subsidiaries
Supplemental Information
Insurance Company Capital

<u>(\$ in thousands)</u>	<u>June 30, 2019</u>	<u>December 31, 2018</u>
U.S. Mortgage Insurance Subsidiaries:		
Combined statutory capital (1)	\$ 2,091,907	\$ 1,886,929
Combined net risk in force (2)	\$ 28,459,376	\$ 26,233,783
Risk-to-capital ratios: (3)		
Essent Guaranty, Inc.	14.1:1	14.4:1
Essent Guaranty of PA, Inc.	3.8:1	4.2:1
Combined (4)	13.6:1	13.9:1
Essent Reinsurance Ltd.:		
Stockholder's equity (GAAP basis)	\$ 899,117	\$ 798,612
Net risk in force (2)	\$ 9,323,473	\$ 8,265,763

(1) Combined statutory capital equals the sum of statutory capital of Essent Guaranty, Inc. plus Essent Guaranty of PA, Inc., after eliminating the impact of intercompany transactions. Statutory capital is computed based on accounting practices prescribed or permitted by the Pennsylvania Insurance Department and the National Association of Insurance Commissioners Accounting Practices and Procedures Manual.

(2) Net risk in force represents total risk in force, net of reinsurance ceded and net of exposures on policies for which loss reserves have been established.

(3) The risk-to-capital ratio is calculated as the ratio of net risk in force to statutory capital.

(4) The combined risk-to-capital ratio equals the sum of the net risk in force of Essent Guaranty, Inc. and Essent Guaranty of PA, Inc. divided by the combined statutory capital.

Essent Group Ltd. and Subsidiaries
Supplemental Information
Reconciliation of Non-GAAP Financial Measure - Adjusted Book Value per Share

We believe that long-term growth in Adjusted Book Value per Share is an important measure of our financial performance and is a measure used to determine vesting on certain restricted stock granted to senior management under the Company's long-term incentive plan. Adjusted Book Value per Share is a financial measure that is not calculated under standards or rules that comprise accounting principles generally accepted in the United States (GAAP) and is referred to as a non-GAAP measure. Adjusted Book Value per Share may be defined or calculated differently by other companies. Adjusted Book Value per Share is one measure used to monitor our results and should not be viewed as a substitute for those measures determined in accordance with GAAP.

Adjusted Book Value per Share is calculated by dividing Adjusted Book Value by Common Shares and Share Units Outstanding. Adjusted Book Value is defined as consolidated stockholders' equity of the Company, excluding accumulated other comprehensive income (loss) plus the proceeds, if any, from the assumed exercise of all "in-the-money" options, warrants and similar instruments. Common Shares and Share Units Outstanding is defined as total common shares outstanding plus all equity instruments (including restricted share units) issued to management and the Board of Directors and any "in-the-money" options, warrants and similar instruments. Accumulated other comprehensive income (loss) includes unrealized gains and losses that arise from changes in the market value of the Company's investments. The Company does not view these unrealized gains and losses to be indicative of our fundamental operating performance. As of June 30, 2019, December 31, 2018 and June 30, 2018, the Company does not have any options, warrants and similar instruments outstanding.

The following table sets forth the reconciliation of Adjusted Book Value to the most comparable GAAP amount as of June 30, 2019, December 31, 2018 and June 30, 2018 in accordance with Regulation G:

<u>(In thousands, except per share amounts)</u>	<u>June 30, 2019</u>	<u>December 31, 2018</u>	<u>June 30, 2018</u>
Numerator:			
Total Stockholders' Equity (Book Value)	\$ 2,704,292	\$ 2,365,717	\$ 2,103,571
Subtract: Accumulated Other Comprehensive Income (Loss)	<u>45,360</u>	<u>(28,993)</u>	<u>(39,248)</u>
Adjusted Book Value	<u>\$ 2,658,932</u>	<u>\$ 2,394,710</u>	<u>\$ 2,142,819</u>
Denominator:			
Total Common Shares Outstanding	98,396	98,139	98,128
Add: Restricted Share Units Outstanding	<u>365</u>	<u>449</u>	<u>452</u>
Total Common Shares and Share Units Outstanding	<u>98,761</u>	<u>98,588</u>	<u>98,580</u>
Adjusted Book Value per Share	<u>\$ 26.92</u>	<u>\$ 24.29</u>	<u>\$ 21.74</u>