

Essent Group Ltd. and Subsidiaries
Financial Results and Supplemental Information (Unaudited)
Quarter and Year Ended December 31, 2021

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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 December 31,		Year Ended December 31,	
	2021	2020	2021	2020
Revenues:				
Direct premiums written	\$ 224,972	\$ 245,437	\$ 918,406	\$ 922,851
Ceded premiums	(26,476)	(31,194)	(110,914)	(88,738)
Net premiums written	198,496	214,243	807,492	834,113
Decrease in unearned premiums	18,825	8,096	65,051	28,451
Net premiums earned	217,321	222,339	872,543	862,564
Net investment income	23,661	20,949	88,765	80,087
Realized investment (losses) gains, net	(191)	564	418	2,697
Income (loss) from other invested assets	14,997	2	56,386	(215)
Other income	1,128	3,345	10,398	10,021
Total revenues	256,916	247,199	1,028,510	955,154
Losses and expenses:				
(Benefit) provision for losses and LAE	(3,433)	62,073	31,057	301,293
Other underwriting and operating expenses	41,232	36,825	166,857	154,691
Interest expense	2,095	2,149	8,282	9,074
Total losses and expenses	39,894	101,047	206,196	465,058
Income before income taxes	217,022	146,152	822,314	490,096
Income tax expense	36,035	22,550	140,531	77,055
Net income	\$ 180,987	\$ 123,602	\$ 681,783	\$ 413,041
Earnings per share:				
Basic	\$ 1.65	\$ 1.10	\$ 6.13	\$ 3.89
Diluted	1.64	1.10	6.11	3.88
Weighted average shares outstanding:				
Basic	109,550	111,908	111,164	106,098
Diluted	110,028	112,310	111,555	106,376
Net income	\$ 180,987	\$ 123,602	\$ 681,783	\$ 413,041
Other comprehensive income (loss):				
Change in unrealized (depreciation) appreciation of investments	(27,807)	5,840	(87,567)	82,087
Total other comprehensive (loss) income	(27,807)	5,840	(87,567)	82,087
Comprehensive income	\$ 153,180	\$ 129,442	\$ 594,216	\$ 495,128
Loss ratio	(1.6%)	27.9%	3.6%	34.9%
Expense ratio	19.0	16.6	19.1	17.9
Combined ratio	17.4%	44.5%	22.7%	52.9%

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

<u>(In thousands, except per share amounts)</u>	December 31, 2021	December 31, 2020
Assets		
Investments		
Fixed maturities available for sale, at fair value	\$ 4,649,800	\$ 3,838,513
Short-term investments available for sale, at fair value	313,087	726,860
Total investments available for sale	4,962,887	4,565,373
Other invested assets	170,472	88,904
Total investments	5,133,359	4,654,277
Cash	81,491	102,830
Accrued investment income	26,546	19,948
Accounts receivable	46,157	50,140
Deferred policy acquisition costs	12,178	17,005
Property and equipment	11,921	15,095
Prepaid federal income tax	360,810	302,636
Other assets	49,712	40,793
Total assets	\$ 5,722,174	\$ 5,202,724
Liabilities and Stockholders' Equity		
Liabilities		
Reserve for losses and LAE	\$ 407,445	\$ 374,941
Unearned premium reserve	185,385	250,436
Net deferred tax liability	373,654	305,109
Credit facility borrowings, net of deferred costs	419,823	321,720
Other accrued liabilities	99,753	87,885
Total liabilities	1,486,060	1,340,091
Commitments and contingencies		
Stockholders' Equity		
Common shares, \$0.015 par value:		
Authorized - 233,333; issued and outstanding - 109,377 shares in 2021 and 112,423 shares in 2020	1,641	1,686
Additional paid-in capital	1,428,952	1,571,163
Accumulated other comprehensive income	50,707	138,274
Retained earnings	2,754,814	2,151,510
Total stockholders' equity	4,236,114	3,862,633
Total liabilities and stockholders' equity	\$ 5,722,174	\$ 5,202,724
Return on average equity	16.8%	12.1%

Essent Group Ltd. and Subsidiaries
Supplemental Information
Historical Quarterly Data

Selected Income Statement Data	2021				2020
	December 31	September 30	June 30	March 31	December 31
(In thousands, except per share amounts)					
Revenues:					
Net premiums earned:					
U.S. Mortgage Insurance Portfolio	\$ 205,877	\$ 207,127	\$ 204,149	\$ 207,840	\$ 208,715
GSE and other risk share	11,444	11,591	13,288	11,227	13,624
Net premiums earned	217,321	218,718	217,437	219,067	222,339
Income from other invested assets (1)	14,997	40,741	122	526	2
Other revenues (2)	24,598	24,077	25,702	25,204	24,858
Total revenues	256,916	283,536	243,261	244,797	247,199
Losses and expenses:					
(Benefit) provision for losses and LAE	(3,433)	(7,483)	9,651	32,322	62,073
Other underwriting and operating expenses	41,232	42,272	41,114	42,239	36,825
Interest expense	2,095	2,063	2,073	2,051	2,149
Total losses and expenses	39,894	36,852	52,838	76,612	101,047
Income before income taxes	217,022	246,684	190,423	168,185	146,152
Income tax expense (3)	36,035	41,331	30,628	32,537	22,550
Net income	\$ 180,987	\$ 205,353	\$ 159,795	\$ 135,648	\$ 123,602
Earnings per share:					
Basic	\$ 1.65	\$ 1.85	\$ 1.43	\$ 1.21	\$ 1.10
Diluted	1.64	1.84	1.42	1.21	1.10
Weighted average shares outstanding:					
Basic	109,550	111,001	112,118	112,016	111,908
Diluted	110,028	111,387	112,454	112,378	112,310
Book value per share	\$ 38.73	\$ 37.58	\$ 36.32	\$ 34.75	\$ 34.36
Return on average equity (annualized)	17.2%	19.9%	16.0%	13.9%	13.0%
Other Data:					
Loss ratio (4)	(1.6%)	(3.4%)	4.4%	14.8%	27.9%
Expense ratio (5)	19.0	19.3	18.9	19.3	16.6
Combined ratio	17.4%	15.9%	23.3%	34.0%	44.5%
Credit Facility					
Borrowings outstanding	\$ 425,000	\$ 325,000	\$ 325,000	\$ 325,000	\$ 325,000
Undrawn committed capacity	\$ 400,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000
Weighted average interest rate (end of period)	1.79%	2.13%	2.13%	2.13%	2.19%
Debt-to-capital	9.12%	7.23%	7.37%	7.65%	7.76%

(1) Income from other invested assets for the three months ended September 30, 2021 includes \$39.5 million of net unrealized gains, which includes \$21.1 million of net unrealized gains that were accumulated in other comprehensive income at June 30, 2021 and prior periods.

(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. For each of the three month periods noted, Other revenues include net favorable (unfavorable) changes in the fair value of these embedded derivatives as follows: December 31, 2021: (\$2,931); September 30, 2021: (\$1,493); June 30, 2021: \$950; March 31, 2021: (\$606); December 31, 2020: (\$209).

(3) Income tax expense for the quarters ended December 31, 2021 and March 31, 2021 includes \$2,473 and \$5,718, respectively, of discrete tax expense associated with an increase in the estimate of our beginning of the year deferred state income tax liability. Income tax expense for the quarters ended December 31, 2021 and September 30, 2021 includes \$1,759 and \$8,271, respectively, of discrete tax expense associated with realized and unrealized gains and losses.

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

(5) 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:	2021				2020
	December 31	September 30	June 30	March 31	December 31
(\$ in thousands)					
U.S. Mortgage Insurance Portfolio					
Flow:					
New insurance written	\$ 16,379,082	\$ 23,579,884	\$ 25,004,854	\$ 19,254,014	\$ 29,566,820
New risk written	4,331,531	6,273,735	6,445,864	4,616,450	7,051,173
Bulk:					
New insurance written	\$ 416	\$ —	\$ —	\$ —	\$ —
New risk written	41	—	—	—	—
Total:					
New insurance written	\$ 16,379,498	\$ 23,579,884	\$ 25,004,854	\$ 19,254,014	\$ 29,566,820
New risk written	\$ 4,331,572	\$ 6,273,735	\$ 6,445,864	\$ 4,616,450	\$ 7,051,173
Average insurance in force	\$ 207,388,906	\$ 206,732,478	\$ 199,739,297	\$ 197,749,668	\$ 195,670,925
Insurance in force (end of period)	\$ 207,190,544	\$ 208,216,549	\$ 203,559,859	\$ 197,091,191	\$ 198,882,352
Gross risk in force (end of period) (6)	\$ 52,554,246	\$ 52,457,020	\$ 50,835,835	\$ 48,951,602	\$ 49,565,150
Risk in force (end of period)	\$ 45,273,383	\$ 45,074,159	\$ 42,906,519	\$ 41,135,978	\$ 41,339,262
Policies in force	785,119	798,877	794,743	785,382	799,893
Weighted average coverage (7)	25.4%	25.2%	25.0%	24.8%	24.9%
Annual persistency	65.4%	62.2%	58.3%	56.1%	60.1%
Loans in default (count)	16,963	19,721	23,504	29,080	31,469
Percentage of loans in default	2.16%	2.47%	2.96%	3.70%	3.93%
U.S. Mortgage Insurance Portfolio premium rate:					
Base average premium rate (8)	0.42%	0.42%	0.43%	0.44%	0.44%
Single premium cancellations (9)	0.03%	0.03%	0.03%	0.04%	0.05%
Gross average premium rate	0.45%	0.45%	0.46%	0.48%	0.49%
Ceded premiums	(0.05%)	(0.05%)	(0.05%)	(0.06%)	(0.06%)
Net average premium rate	0.40%	0.40%	0.41%	0.42%	0.43%

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

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

(8) Base average premium rate is calculated by dividing annualized base premiums earned by average insurance in force for the period.

(9) Single premium cancellations is calculated by dividing annualized premiums on the cancellation of non-refundable single premium policies by average insurance in force for the period.

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

NIW by Credit Score

	Three Months Ended				Year Ended			
	December 31, 2021		December 31, 2020		December 31, 2021		December 31, 2020	
(\$ in thousands)								
>=760	\$ 6,643,740	40.6%	\$ 13,330,379	45.1%	\$ 34,422,627	40.9%	\$ 48,037,084	44.5%
740-759	2,833,379	17.3	5,069,530	17.1	13,691,394	16.3	19,385,541	17.9
720-739	2,472,738	15.1	4,134,782	14.0	12,789,715	15.2	15,744,485	14.6
700-719	2,170,829	13.2	3,385,670	11.5	11,499,406	13.6	12,409,936	11.5
680-699	1,504,268	9.2	1,743,694	5.9	7,359,569	8.7	6,871,511	6.4
<=679	754,128	4.6	1,902,765	6.4	4,455,123	5.3	5,495,357	5.1
Total	\$ 16,379,082	100.0%	\$ 29,566,820	100.0%	\$ 84,217,834	100.0%	\$ 107,943,914	100.0%
Weighted average credit score	745		748		745		749	

NIW by LTV

	Three Months Ended				Year Ended			
	December 31, 2021		December 31, 2020		December 31, 2021		December 31, 2020	
(\$ in thousands)								
85.00% and below	\$ 1,799,336	11.0%	\$ 6,317,550	21.4%	\$ 11,460,273	13.6%	\$ 20,124,987	18.6%
85.01% to 90.00%	4,372,552	26.7	9,629,373	32.6	23,565,227	28.0	34,020,882	31.5
90.01% to 95.00%	7,722,842	47.1	11,134,923	37.6	37,813,167	44.9	42,517,221	39.4
95.01% and above	2,484,352	15.2	2,484,974	8.4	11,379,167	13.5	11,280,824	10.5
Total	\$ 16,379,082	100.0%	\$ 29,566,820	100.0%	\$ 84,217,834	100.0%	\$ 107,943,914	100.0%
Weighted average LTV	92%		91%		92%		91%	

NIW by Product

	Three Months Ended		Year Ended	
	December 31, 2021	December 31, 2020	December 31, 2021	December 31, 2020
Single Premium policies	2.7%	7.7%	3.8%	9.0%
Monthly Premium policies	97.3	92.3	96.2	91.0
	<u>100.0%</u>	<u>100.0%</u>	<u>100.0%</u>	<u>100.0%</u>

NIW by Purchase vs. Refinance

	Three Months Ended		Year Ended	
	December 31, 2021	December 31, 2020	December 31, 2021	December 31, 2020
Purchase	92.1%	61.6%	82.1%	60.4%
Refinance	7.9	38.4	17.9	39.6
	<u>100.0%</u>	<u>100.0%</u>	<u>100.0%</u>	<u>100.0%</u>

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

Portfolio by Credit Score

IIF by FICO score (\$ in thousands)	December 31, 2021		September 30, 2021		December 31, 2020	
>=760	\$ 85,501,113	41.3%	\$ 85,833,588	41.2%	\$ 82,452,139	41.5%
740-759	35,111,019	17.0	35,234,863	16.9	34,538,761	17.3
720-739	31,158,325	15.0	31,291,415	15.1	29,599,646	14.9
700-719	26,105,790	12.6	26,136,910	12.6	23,807,982	12.0
680-699	16,819,629	8.1	16,758,439	8.0	15,538,235	7.8
<=679	12,494,668	6.0	12,961,334	6.2	12,945,589	6.5
Total	<u>\$ 207,190,544</u>	<u>100.0%</u>	<u>\$ 208,216,549</u>	<u>100.0%</u>	<u>\$ 198,882,352</u>	<u>100.0%</u>

Weighted average credit score	745	745	745
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Gross RIF by FICO score (\$ in thousands)	December 31, 2021		September 30, 2021		December 31, 2020	
>=760	\$ 21,488,011	40.9%	\$ 21,414,607	40.8%	\$ 20,336,799	41.0%
740-759	8,992,181	17.1	8,958,297	17.1	8,682,265	17.5
720-739	8,029,952	15.3	8,020,171	15.3	7,504,065	15.1
700-719	6,693,045	12.7	6,652,117	12.7	5,970,851	12.1
680-699	4,299,245	8.2	4,250,044	8.1	3,887,059	7.9
<=679	3,051,812	5.8	3,161,784	6.0	3,184,111	6.4
Total	<u>\$ 52,554,246</u>	<u>100.0%</u>	<u>\$ 52,457,020</u>	<u>100.0%</u>	<u>\$ 49,565,150</u>	<u>100.0%</u>

Portfolio by LTV

IIF by LTV (\$ in thousands)	December 31, 2021		September 30, 2021		December 31, 2020	
85.00% and below	\$ 27,362,267	13.2%	\$ 28,452,535	13.7%	\$ 27,308,296	13.7%
85.01% to 90.00%	59,567,378	28.7	60,257,704	28.9	58,606,394	29.5
90.01% to 95.00%	91,350,909	44.1	90,957,363	43.7	86,169,485	43.3
95.01% and above	28,909,990	14.0	28,548,947	13.7	26,798,177	13.5
Total	<u>\$ 207,190,544</u>	<u>100.0%</u>	<u>\$ 208,216,549</u>	<u>100.0%</u>	<u>\$ 198,882,352</u>	<u>100.0%</u>

Weighted average LTV	92%	92%	92%
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Gross RIF by LTV (\$ in thousands)	December 31, 2021		September 30, 2021		December 31, 2020	
85.00% and below	\$ 3,200,124	6.1%	\$ 3,311,106	6.3%	\$ 3,142,034	6.3%
85.01% to 90.00%	14,366,450	27.3	14,506,577	27.7	14,061,553	28.4
90.01% to 95.00%	26,592,162	50.6	26,410,513	50.3	24,895,471	50.2
95.01% and above	8,395,510	16.0	8,228,824	15.7	7,466,092	15.1
Total	<u>\$ 52,554,246</u>	<u>100.0%</u>	<u>\$ 52,457,020</u>	<u>100.0%</u>	<u>\$ 49,565,150</u>	<u>100.0%</u>

Portfolio by Loan Amortization Period

IIF by Loan Amortization Period (\$ in thousands)	December 31, 2021		September 30, 2021		December 31, 2020	
FRM 30 years and higher	\$ 198,243,758	95.7%	\$ 198,392,156	95.3%	\$ 187,704,000	94.4%
FRM 20-25 years	3,658,366	1.8	3,974,602	1.9	4,365,585	2.2
FRM 15 years	3,996,684	1.9	4,419,750	2.1	4,776,068	2.4
ARM 5 years and higher	1,291,736	0.6	1,430,041	0.7	2,036,699	1.0
Total	<u>\$ 207,190,544</u>	<u>100.0%</u>	<u>\$ 208,216,549</u>	<u>100.0%</u>	<u>\$ 198,882,352</u>	<u>100.0%</u>

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

(\$ in thousands)	2021				2020
	December 31	September 30	June 30	March 31	December 31
GSE and other risk share (1):					
Risk in Force	\$ 1,788,918	\$ 1,568,800	\$ 1,496,247	\$ 1,534,174	\$ 1,416,719
Reserve for losses and LAE	\$ 1,349	\$ 1,389	\$ 1,390	\$ 1,312	\$ 1,073
Weighted average credit score	748	748	747	747	746
Weighted average LTV	84%	84%	84%	84%	84%

(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
December 31, 2021

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	Percentage of Loans in Default
					Weighted Average Coupon	% Purchase	>90% LTV	>95% LTV	FICO < 700	FICO >= 760			
2010 - 2014	\$ 60,668,851	\$ 3,122,498	5.1%	19,269	4.32%	80.6%	71.7%	5.2%	15.3%	42.4%	3.3%	900	4.67%
2015	26,193,656	3,114,853	11.9	17,893	4.16	86.5	67.1	3.5	17.8	39.8	4.3	742	4.15
2016	34,949,319	6,326,129	18.1	33,941	3.86	88.1	65.3	8.9	15.2	43.9	5.3	1,327	3.91
2017	43,858,322	8,509,847	19.4	47,080	4.26	90.5	65.6	18.3	20.0	37.9	8.3	2,458	5.22
2018	47,508,525	9,482,084	20.0	49,923	4.77	93.7	66.9	23.5	21.2	33.3	13.7	3,096	6.20
2019	63,569,183	20,252,049	31.9	90,476	4.21	86.0	65.3	22.4	19.0	35.5	21.8	3,953	4.37
2020	107,944,065	76,550,717	70.9	276,407	3.18	63.0	51.7	11.3	11.1	44.8	13.6	3,490	1.26
2021	84,218,250	79,832,367	94.8	250,130	3.07	82.7	59.0	13.9	14.1	40.4	9.1	997	0.40
Total	<u>\$ 468,910,171</u>	<u>\$ 207,190,544</u>	44.2	<u>785,119</u>	3.41	76.8	58.0	14.0	14.1	41.3	8.9	<u>16,963</u>	2.16

(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

December 31, 2021

(\$ in thousands)

Excess of Loss Reinsurance

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	Earned Premiums Ceded		Reduction in PMIERs Minimum Required Assets (8)
			ILN (1)	Other Reinsurance (2)	Total	ILN	Other Reinsurance	Total				Quarter-to-Date	Year-to-Date	
2015 & 2016	\$ 9,131,102	\$ 2,462,841	\$ 333,844	\$ —	\$ 333,844	\$ 178,717	\$ —	\$ 178,717	\$ —	\$ 208,111	\$ 207,140	\$ 1,177	\$ 4,808	\$ —
2017	8,286,495	2,143,551	424,412	165,167	589,579	242,123	165,167	407,290	—	224,689	217,409	2,679	10,655	—
2018	9,341,880	2,382,994	473,184	118,650	591,834	325,537	76,144	401,681	—	253,643	249,450	3,220	12,824	—
2019 (3)	11,238,898	2,874,767	495,889	55,102	550,991	495,889	55,102	550,991	—	215,605	215,115	2,778	11,068	43,674
2019 & 2020 (4)	31,050,401	7,848,926	399,159	—	399,159	153,530	—	153,530	—	465,690	465,690	3,174	17,573	78,211
2020 & 2021 (5)	50,143,288	12,263,000	557,911	—	557,911	557,911	—	557,911	—	278,956	278,956	3,695	7,675	534,049
2021 (6)	45,887,021	12,086,006	439,407	—	439,407	439,407	—	439,407	—	279,415	279,415	2,367	2,367	400,151
Total	\$ 165,079,085	\$ 42,062,085	\$ 3,123,806	\$ 338,919	\$ 3,462,725	\$ 2,393,114	\$ 296,413	\$ 2,689,527	\$ —	\$ 1,926,109	\$ 1,913,175	\$ 19,090	\$ 66,970	\$ 1,056,085

Quota Share Reinsurance

Year	Remaining Insurance in Force	Remaining Risk in Force	Remaining Ceded Insurance in Force	Remaining Ceded Risk in Force	Losses Ceded		Ceding Commission		Earned Premiums Ceded		Reduction in PMIERs Minimum Required Assets (8)
					Quarter-to-Date	Year-to-Date	Quarter-to-Date	Year-to-Date	Quarter-to-Date	Year-to-Date	
2019 & 2020 (7)	\$ 85,045,135	\$ 21,077,760	\$ 18,703,480	\$ 4,591,336	\$ (1,023)	\$ 6,926	\$ 4,205	\$ 18,509	\$ 7,386	\$ 43,944	\$ 306,548

(1) Reinsurance provided by unaffiliated special purpose insurers through the issuance of mortgage insurance-linked notes ("ILNs").

(2) Reinsurance provided by panels of reinsurers.

(3) Reinsurance coverage on new insurance written from January 1, 2019 through August 31, 2019.

(4) Reinsurance coverage on new insurance written from September 1, 2019 through July 31, 2020.

(5) Reinsurance coverage on new insurance written from August 1, 2020 through March 31, 2021.

(6) Reinsurance coverage on new insurance written from April 1, 2021 through September 30, 2021.

(7) Reinsurance coverage on 40% of eligible single premium policies and 20% of all other eligible policies written from September 1, 2019 through December 31, 2020.

(8) Represents the reduction in Essent Guaranty, Inc.'s Minimum Required Assets based on our interpretation of the PMIERs.

Essent Group Ltd. and Subsidiaries
Supplemental Information
Portfolio Geographic Data

IIF by State

	December 31, 2021	September 30, 2021	December 31, 2020
CA	13.1%	13.1%	12.0%
TX	9.9	9.8	9.7
FL	9.7	9.5	8.7
CO	4.1	4.1	4.1
WA	3.7	3.7	3.8
IL	3.3	3.4	3.4
AZ	3.3	3.4	3.6
NJ	3.1	3.1	3.3
VA	3.1	3.1	3.1
GA	3.1	3.1	3.0
All Others	43.6	43.7	45.3
Total	100.0%	100.0%	100.0%

Gross RIF by State

	December 31, 2021	September 30, 2021	December 31, 2020
CA	13.0%	12.9%	11.8%
TX	10.2	10.1	10.0
FL	10.0	9.8	9.0
CO	4.0	4.1	4.1
WA	3.6	3.7	3.8
AZ	3.3	3.3	3.5
IL	3.2	3.3	3.3
GA	3.1	3.1	3.1
VA	3.0	3.1	3.1
NJ	3.0	3.0	3.2
All Others	43.6	43.6	45.1
Total	100.0%	100.0%	100.0%

Essent Group Ltd. and Subsidiaries
Supplemental Information
Rollforward of Defaults and Reserve for Losses and LAE
U.S. Mortgage Insurance Portfolio

Rollforward of Insured Loans in Default

	Three Months Ended				
	2021				2020
	December 31	September 30	June 30	March 31	December 31
Beginning default inventory	19,721	23,504	29,080	31,469	35,464
Plus: new defaults (A)	5,809	5,132	4,934	7,422	8,745
Less: cures	(8,514)	(8,862)	(10,453)	(9,737)	(12,679)
Less: claims paid	(47)	(41)	(46)	(61)	(49)
Less: rescissions and denials, net	(6)	(12)	(11)	(13)	(12)
Ending default inventory	16,963	19,721	23,504	29,080	31,469
 (A) New defaults remaining as of December 31, 2021	4,316	2,162	1,523	1,686	1,516
Cure rate (1)	26%	58%	69%	77%	83%
 Total amount paid for claims (in thousands)	\$ 992	\$ 1,069	\$ 1,154	\$ 1,989	\$ 1,922
Average amount paid per claim (in thousands)	\$ 21	\$ 26	\$ 25	\$ 33	\$ 39
Severity	45%	60%	57%	70%	62%

Rollforward of Reserve for Losses and LAE

	Three Months Ended				
	2021				2020
	December 31	September 30	June 30	March 31	December 31
(\$ in thousands)					
Reserve for losses and LAE at beginning of period	\$ 411,567	\$ 420,482	\$ 409,811	\$ 373,868	\$ 307,019
Less: Reinsurance recoverables	26,970	27,286	24,907	19,061	11,898
Net reserve for losses and LAE at beginning of period	384,597	393,196	384,904	354,807	295,121
Add provision for losses and LAE occurring in:					
Current period	13,231	11,371	24,534	47,763	63,597
Prior years	(16,624)	(18,853)	(14,961)	(15,680)	(1,879)
Incurring losses and LAE during the period	(3,393)	(7,482)	9,573	32,083	61,718
Deduct payments for losses and LAE occurring in:					
Current period	157	103	14	114	524
Prior years	891	1,014	1,267	1,872	1,508
Loss and LAE payments during the period	1,048	1,117	1,281	1,986	2,032
Net reserve for losses and LAE at end of period	380,156	384,597	393,196	384,904	354,807
Plus: Reinsurance recoverables	25,940	26,970	27,286	24,907	19,061
Reserve for losses and LAE at end of period	\$ 406,096	\$ 411,567	\$ 420,482	\$ 409,811	\$ 373,868

(1) The cure rate is calculated by dividing new defaults remaining as of the reporting date by the original number of new defaults reported in the quarterly period and subtracting that percentage from 100%.

Essent Group Ltd. and Subsidiaries
Supplemental Information
Detail of Reserves by Default Delinquency
U.S. Mortgage Insurance Portfolio

December 31, 2021

(\$ in thousands)

Missed Payments:

	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
Three payments or less	4,113	24%	\$ 20,712	5%	\$ 243,511	9%
Four to eleven payments	5,459	32	77,822	21	349,494	22
Twelve or more payments	7,331	43	274,465	73	470,859	58
Pending claims	60	1	2,397	1	2,852	84
Total case reserves	16,963	100%	375,396	100%	\$ 1,066,716	35
IBNR			28,155			
LAE			2,545			
Total reserves for losses and LAE			\$ 406,096			

Average reserve per default:

Case	\$ 22.1
Total	\$ 23.9

Default Rate 2.16%

December 31, 2020

(\$ in thousands)

Missed Payments:

	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
Three payments or less	6,631	21%	\$ 47,905	14%	\$ 384,668	12%
Four to eleven payments	23,543	75	260,593	76	1,553,593	17
Twelve or more payments	1,243	4	32,593	9	67,501	48
Pending claims	52	—	2,199	1	2,843	77
Total case reserves	31,469	100%	343,290	100%	\$ 2,008,605	17
IBNR			25,747			
LAE			4,831			
Total reserves for losses and LAE			\$ 373,868			

Average reserve per default:

Case	\$ 10.9
Total	\$ 11.9

Default Rate 3.93%

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

Investments Available for Sale by Asset Class

Asset Class (\$ in thousands)	December 31, 2021		December 31, 2020	
	Fair Value	Percent	Fair Value	Percent
U.S. Treasury securities	\$ 448,793	9.1%	\$ 268,444	5.9%
U.S. agency securities	5,504	0.1	18,085	0.4
U.S. agency mortgage-backed securities	1,008,863	20.3	995,905	21.8
Municipal debt securities	627,599	12.7	551,517	12.1
Non-U.S. government securities	79,743	1.6	61,607	1.3
Corporate debt securities	1,455,247	29.3	1,126,512	24.7
Residential and commercial mortgage securities	545,423	11.0	409,282	9.0
Asset-backed securities	581,703	11.7	454,717	9.9
Money market funds	210,012	4.2	679,304	14.9
Total investments available for sale	<u>\$ 4,962,887</u>	<u>100.0%</u>	<u>\$ 4,565,373</u>	<u>100.0%</u>

Investments Available for Sale by Credit Rating

Rating (1) (\$ in thousands)	December 31, 2021		December 31, 2020	
	Fair Value	Percent	Fair Value	Percent
Aaa	\$ 2,412,273	48.6%	\$ 2,564,746	56.2%
Aa1	96,331	1.9	133,100	2.9
Aa2	354,951	7.2	260,462	5.7
Aa3	221,914	4.5	204,917	4.5
A1	263,820	5.3	249,710	5.5
A2	427,282	8.6	401,175	8.8
A3	274,525	5.5	229,882	5.0
Baa1	305,204	6.1	260,602	5.7
Baa2	274,011	5.5	178,926	3.9
Baa3	240,755	4.9	48,199	1.1
Below Baa3	91,821	1.9	33,654	0.7
Total investments available for sale	<u>\$ 4,962,887</u>	<u>100.0%</u>	<u>\$ 4,565,373</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)	December 31, 2021		December 31, 2020	
	Fair Value	Percent	Fair Value	Percent
< 1 Year	\$ 1,104,397	22.2%	\$ 1,568,505	34.4%
1 to < 2 Years	561,297	11.3	581,003	12.7
2 to < 3 Years	539,174	10.9	616,069	13.5
3 to < 4 Years	593,663	12.0	426,333	9.3
4 to < 5 Years	663,127	13.4	367,633	8.1
5 or more Years	1,501,229	30.2	1,005,830	22.0
Total investments available for sale	<u>\$ 4,962,887</u>	<u>100.0%</u>	<u>\$ 4,565,373</u>	<u>100.0%</u>

Pre-tax investment income yield:

Three months ended December 31, 2021 2.06%

Year ended December 31, 2021 1.99%

Holding company net cash and investments available for sale:

(\$ in thousands)

As of December 31, 2021 \$ 618,306

As of December 31, 2020 \$ 574,901

Essent Group Ltd. and Subsidiaries
Supplemental Information
Insurance Company Capital

	2021				2020
	December 31	September 30	June 30	March 31	December 31
(\$ in thousands)					
U.S. Mortgage Insurance Subsidiaries:					
Combined statutory capital (1)	\$ 2,950,107	\$ 2,916,802	\$ 2,809,087	\$ 2,778,131	\$ 2,659,161
Combined net risk in force (2)	\$ 30,660,272	\$ 30,766,379	\$ 29,646,042	\$ 29,358,191	\$ 29,493,572
Risk-to-capital ratios: (3)					
Essent Guaranty, Inc.	10.8:1	10.9:1	10.9:1	11.0:1	11.5:1
Essent Guaranty of PA, Inc.	0.8:1	1.0:1	1.1:1	1.4:1	1.7:1
Combined (4)	10.4:1	10.5:1	10.6:1	10.6:1	11.1:1
Essent Guaranty, Inc. PMIERS Data (5):					
Available Assets	\$ 3,170,881	\$ 3,161,780	\$ 3,016,050	\$ 2,996,651	\$ 2,855,923
Minimum Required Assets	1,791,551	1,951,096	1,731,843	1,864,262	1,671,011
PMIERS excess Available Assets	\$ 1,379,330	\$ 1,210,684	\$ 1,284,207	\$ 1,132,389	\$ 1,184,912
PMIERS sufficiency ratio (6)	177%	162%	174%	161%	171%
Essent Reinsurance Ltd.:					
Stockholder's equity (GAAP basis)	\$ 1,301,937	\$ 1,249,996	\$ 1,192,077	\$ 1,136,504	\$ 1,101,003
Net risk in force (2)	\$ 15,997,129	\$ 15,466,651	\$ 14,338,567	\$ 12,905,289	\$ 12,892,300

(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.

(5) Data is based on our interpretation of the PMIERS as of the dates indicated.

(6) PMIERS sufficiency ratio is calculated by dividing Available Assets by Minimum Required Assets.