# The Annual Number of \$Billion Events is Rising







#### Arkansas Multi Agency Insurance Trust

AMAIT - Property Loss & Expense by Fiscal Year



### Arkansas Public School Insurance Trust

APSIT - Property Loss & Expense by Fiscal Year





#### Arkansas School Boards Association

OF

ASBA - Property Loss & Expense by Fiscal Year



KNIGHT

## Arkansas Multi Agency Insurance Trust

Loss Stratification

AMAIT							
			Number of	Dollars			
			Claims in	in	% of	% of	
Size of	Size of Loss Range			Range	Claims	Dollars	
\$0	to	\$100,000	463	9,573,659	85.9%	12.4%	
\$100,001	to	\$250,000	37	6,632,128	6.9%	8.6%	
\$250,001	to	\$500,000	19	6,448,850	3.5%	8.3%	
\$500,001	to	\$1,000,000	8	6,429,324	1.5%	8.3%	
\$1,000,001	to	\$2,500,000	6	9,278,495	1.1%	12.0%	
\$2,500,001	to	\$5,000,000	4	21,007,590	0.7%	27.2%	
\$5,000,001	to	\$10,000,000	1	7,624,712	0.2%	9.9%	
\$10,000,001	to	\$15,000,000	1	10,340,892	0.2%	13.4%	
Greater than		\$15,000,000	0	0	0.0%	0.0%	
Total			539	77,335,651	100.0%	100.0%	

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## Arkansas Public School Insurance Trust

Loss Stratification

			APSIT			
			Number of	Dollars		
			Claims in	in	% of	% of
Size of	Size of Loss Range			Range	Claims	Dollars
\$0	to	\$100,000	1,666	18,953,398	95.5%	17.6%
\$100,001	to	\$250,000	40	6,112,221	2.3%	5.7%
\$250,001	to	\$500,000	17	6,685,868	1.0%	6.2%
\$500,001	to	\$1,000,000	8	6,987,437	0.5%	6.5%
\$1,000,001	to	\$2,500,000	10	16,165,393	0.6%	15.1%
\$2,500,001	to	\$5,000,000	2	13,375,403	0.1%	12.5%
\$5,000,001	to	\$10,000,000	0	0	0.0%	0.0%
\$10,000,001	to	\$15,000,000	1	22,631,610	0.1%	21.1%
Greater than		\$15,000,000	1	16,498,761	0.1%	15.4%
Total			1,745	107,410,092	100.0%	100.0%



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#### Arkansas School Boards Association

#### Loss Stratification

ASBA						
			Number of	Dollars		
			Claims in	in	% of	% of
Size of	Size of Loss Range			Range	Claims	Dollars
\$0	to	\$100,000	529	9,993,998	90.4%	8.1%
\$100,001	to	\$250,000	20	3,086,344	3.4%	2.5%
\$250,001	to	\$500,000	16	5,720,243	2.7%	4.6%
\$500,001	to	\$1,000,000	10	7,201,700	1.7%	5.9%
\$1,000,001	to	\$2,500,000	7	12,869,987	1.2%	10.5%
\$2,500,001	to	\$5,000,000	1	3,106,549	0.2%	2.5%
\$5,000,001	to	\$10,000,000	0	0	0.0%	0.0%
\$10,000,001	to	\$15,000,000	1	10,618,786	0.2%	8.6%
Greater than		\$15,000,000	1	70,418,600	0.2%	57.2%
Total			585	123,016,208	100.0%	100.0%



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# Arkansas Multi Agency Insurance Trust

Quoted Premium Test/Total Cost of Risk Assessment

#### July 1 2024 to 2025 Projections

(1)	Estimated Loss & Expense, Excluding Earthquake		\$15,970,301
(2)	Estimated Loss & Expense, Excluding Earthquake, with \$8.5m Aggregate Retention		\$7,738,480
(3)	Estimated Loss & Expense, Excluding Earthquake, excess of \$8.5m Aggregate Retention	(1)-(2)	\$8,231,821
(4)	Earthquake Loss & Expense with Fire Following & Sprinkler Leakage		\$3,458,100
(5)	US Inland Flood Loss & Expense, Including Demand Surge		\$18,706,498
(6)	Expected Loss & Expense - Exposure Covered by Insurers		\$30,396,419
(7)	Quoted Premium \$650M Limit, \$8.5M Aggregate		\$32,072,304
(8)	Total Cost of Risk (TCOR)	(2)+(7)	\$38,134,899

#### Notes:



(1) and (2) are based on monte carlo simulation with frequency and severity parameters based on AMAIT data.
(4) is from Cadence Insurance "Catastrophe Analysis" dated May 2023, adjusted to the 7/1/24-25 period using annual exposure and loss trend assumptions of 4.0% and 5.0%, respectively.

