MIAMI VALLEY RISK MANAGEMENT ASSOCIATION

2023 BUDGET

AS ADOPTED BY THE BOARD OF TRUSTEES

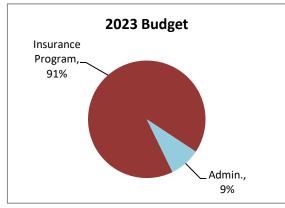
Miami Valley Risk Management Association (MVRMA) 2023 Budget Memo

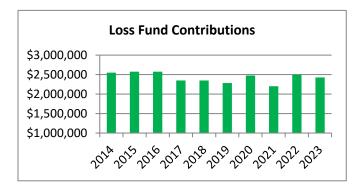
December 31, 2022

The 2023 Budget is hereby presented to the Board of Trustees for review and approval.

2023 Budget Highlights:

- Budgeted revenues for 2023 are \$7,260,287, a 1.5% increase over the 2022 projected revenues.
 - About 89% of revenues consist of contributions and other revenue received from the member cities. Members' contributions will increase by about 3.7% in 2023 versus 2022. This is discussed in more detail below.
 - Investment income is expected to rise in 2023; however, will lag the market due to the laddered portfolio strategy.
- Budgeted general & administrative expenditures for 2023 are \$961,825, an increase of 5.1% compared to the 2022 Budget.
 - The budget includes a one-time allocation of \$20,000 to executive recruitment services.
 - Cyber exposures are an allocation of \$18,000 for yet-to-be-determined cyber loss control resources. Staff will coordinate with the Risk Management Committee to consider programs and services to benefit the members' and the pool's cyber exposures.
 - Beginning in early 2021, the claims management function was contracted out to a third-party administrator. These fees have proven to be relatively stable. Claims processing fees are expected to be \$145,000 in 2023. A separate line item tracks subrogation recovery fees which are generally 20% of the amounts recovered.
- Reinsurance/excess insurance premiums represent about 47% of the budget and have increased significantly in the past few years due to external market forces. These costs are expected to increase about 17% in 2023. This increase is driven by continuing weakness in the commercial property market as well as uncertainties pertaining to cyber liability.
- The budget for claims expenditures, \$2,300,000, is based on the actuarially expected claims. Actual results can vary widely.
- The budget can be viewed as consisting of two broad segments: insurance program expenditures and administrative expenditures. Insurance program expenditures include claims paid from the loss fund (claims that are within the pool's self-insured retention), excess insurance and reinsurance premiums, broker services, actuarial services, and an allocation of wages and other general expenses. Insurance program expenditures comprise about 91% of the budget compared to only 9% for administrative expenditures. Included in the administrative expenditures are the loss control and training program costs.





Loss Fund Contributions:

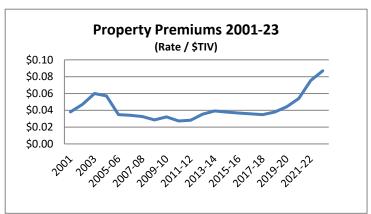
Each year, the pool contracts with an actuary to calculate the members' required annual contribution to the upcoming loss year fund based on the pool's loss history and industry trends. A new loss year fund is established each year to account for claims occurring in that year. This amount has been relatively consistent from year to year over the last decade. The funding for the 2023 loss year will be \$2.425 million.

Excess Insurance / Re-Insurance:

Since 2010, the pool's self-insured retention (SIR) has been the first \$500,000 of each liability occurrence and \$250,000 for most property occurrences. These SIRs will remain unchanged in 2023.

Property coverage for claims in excess of the \$250,000 SIR is currently placed with Alliant Property Insurance Program (APIP).

The commercial property market has been difficult for the last 5 years and another double-digit rate increase, albeit lower than recent years, is anticipated in 2023. The rates MVRMA pays for property coverage increased approximately 9% in 2018, 17% in 2019, 22% in 2020, 40% in 2021, and 15% in 2022. The 2023 Budget allows for a rate increase of about 13% compared to 2022.



For liability claims, the limit will remain at

\$12 million per occurrence in 2023. Government Entities Mutual (GEM), the captive insurance company of which MVRMA is a member, will reinsure \$6.5 million excess of MVRMA's \$500,000 SIR and Genesis Reinsurance will reinsure the next \$5 million excess of \$7 million.

There is good news on the liability reinsurance front. These premiums are expected to decrease by about 0.6% in 2023 due to the pool's favorable loss profile.

Member Contributions:

The pool is funded by members' contributions. The contributions have three components: amounts designated for the Operating Fund, the current year's Loss Fund, and the Shock Loss Fund. Total members' contributions in 2023 will increase by about 3.6% compared to 2022. The breakdowns of 2023 and 2022 are as follows:

	<u>2023</u>	2022
<u>Fund</u>	Contributions	Contributions
Loss Fund	\$2,425,000	\$2,500,000
Shock Loss Fund	39,987	50,909
Operating Fund	3,790,325	<u>3,489,025</u>
Total Contributions	\$6,255,312	\$6,039,934

Annual contributions are allocated among the members based on a formula that is weighted 2/3 for risk exposures and 1/3 for claims experience. Risk exposures include number of employees, uniformed police, vehicles, net operating expenditures, population, and insurable property values. Claims experience is based on a four-year rolling average.

Loss Fund Refunds:

One of the benefits of membership in MVRMA is that, when a loss year is closed, unspent loss funds are returned to the members, with interest, in the same proportion as they were contributed. On average, members have been refunded over half of the amounts they contributed to loss funds. No loss year will be closed in 2022; however, we expect one to close in 2023 and about \$1.4 million will be refunded to the members.

Fund Balances:

MVRMA's claims are well-funded and MVRMA is very well-capitalized versus industry standards. The pool ends 2023 with cash fund balances of about \$8.6 million spread among six open loss years. These balances are supplemented by about \$2.9 million in the Shock Loss Fund.

If you have questions or need more detailed budget information, please feel free to contact MVRMA staff.

Thomas L. Judy, Executive Director 937-438-8878 tjudy@mvrma.com



Strategic Objectives 2023 Budget

Financial Stability

Perform SIR analysis to determine optimal SIRs based on actuary's funding analysis and cost of reinsurance / excess insurance.

Conduct a coverage study for all lines to ensure adequate limits to accommodate increasing exposures.

Review and update the Liability Coverage Document with input from coverage counsel, broker, and as appropriate, from reinsurance partners.

Marketing and Retention

Create Member Communications Plan

Develop a member visitation schedule.

Conduct membership survey

Review Membership Selection Policy to evaluate if it reflects the ideal profile

Review and update Prospective Member List relative to Membership Selection Policy

Maintain the pool's visibility by sponsoring staff's attendance at meetings of various professional organizations which share common interests with MVRMA and its member cities.

Loss Control

Track member utilization of loss control resources and assess if changes needed to increase utilization.

Track member losses in context with loss control resources.

Develop cyber loss control initiatives including pool grants, cost-sharing, joint purchasing of cyber loss prevention services.

Sponsor at least four cyber-related events to foster communication and networking.

Member Services Delivery

Provide a needs analysis and recommendation on office space needs.

Conduct website review update site messaging and implement new interactive tools as needed.

Provide risk management and/or pooling training to trustees by sending four trustees and the board president to training events, including those offered by PRIMA and AGRiP.

MIAMI VALLEY RISK MANAGEMENT ASSOCIATION SCHEDULE OF REVENUES AND EXPENDITURES - Budget Basis FOR YEARS ENDING DECEMBER 31, 2021, 2022, and 2023

	<u>2021</u>	2022 Budget	2022 Actual	2023 Budget
Revenue:				
Member Contributions:				
Operating Contributions	2,745,037	3,488,312	3,489,025	3,790,325
Loss Fund Contributions	2,200,000	2,500,000	2,500,000	2,425,000
Shock Loss Fund Contributions	29,825	50,909	50,909	39,987
Retroactive Date Endorsement	16,875	16,875	17,075	16,875
Investment Income	221,432	167,600	197,216	235,600
Deductible Reimbursements	251,714	220,000	227,340	210,000
Subrogation Recoveries	241,378	175,000	358,536	220,000
Excess Insurance Reimbursements	154,735	150,000	310,637	265,000
Pass-through	14,373	20,000	17,315	20,000
Training Program	49,204	37,500	57,679	37,500
Other Revenue	1,279	-	382	-
Total Revenue	5,925,852	6,826,196	7,226,114	7,260,287
Expenditures:				
Reinsurance / Excess Insurance Premiums	2,003,953	2,540,687	2,519,580	2,962,500
Claims / LAE	2,131,209	2,370,000	2,712,887	2,300,000
Subtotal - Insurance Program	4,135,162	4,910,687	5,232,467	5,262,500
Wages and Benefits	424,154	408,900	407,016	424,400
Professional Services	323,182	326,425	313,082	376,475
Pool Operations	85,839	109,700	97,068	90,950
Training Program	68,302	50,000	60,965	50,000
Pass-Through	14,394	20,000	16,620	20,000
Subtotal - G&A	915,871	915,025	894,751	961,825
Subro Collection Fees	44,202	-	66,682	44,000
Total Expenditures	5,095,235	5,825,712	6,193,900	6,268,325
Operating Surplus / (Deficit)	830,617	1,000,484	1,032,214	991,962
Non-Operating:				
Transfer-In to GRF from Closed LY	1,471,075	-	-	1,400,000
Transfer-Out from Closed LY to GRF	(1,471,075)	-	-	(1,400,000)
Transfer-In to Gen. Res. from Shock Loss	253,567	11,012	11,012	72,132
Transfer-Out from Shock Loss to Gen. Res.	(253,567)	(11,012)	(11,012)	(72,132)
Transfer-In to Operating from Shock Loss	90,000	-	-	-
Transfer-Out from Shock Loss to Operating	(90,000)	-	-	-
GRF Refunds to Members	(996,872)	(1,600,000)	(1,865,661)	(2,000,000)
GRF Investment Income & Other Income	90,307	72,500	74,878	79,400
Net Surplus / (Deficit)	(75,948)	(527,016)	(758,569)	(928,638)
Cash Fund Balances, Jan. 1	17,220,610	17,144,662	17,144,662	16,386,093
Cash Fund Balances, Dec. 31	17,144,662	16,617,646	16,386,093	15,457,455

MIAMI VALLEY RISK MANAGEMENT ASSOCIATION SCHEDULE OF BUDGETED REVENUES AND EXPENDITURES - BY FUND - Budget Basis FOR THE YEAR ENDING DECEMBER 31, 2023

	Operating <u>Fund</u>	Loss Year <u>Funds</u>	Shock Loss <u>Fund</u>	General <u>Reserve Fund</u>	<u>Total</u>
Revenue:					
Member Contributions	3,790,325	2,425,000	39,987	-	6,255,312
Member Contrib Retro Date Endorsement	-	16,875	-	-	16,875
Investment Income	26,500	157,900	51,200	-	235,600
Deductible Reimbursements	-	210,000	-	-	210,000
Subrogation Recoveries	-	220,000	-	-	220,000
Excess Insurance Reimbursements	-	265,000	-	-	265,000
Pass-through	20,000	-	-	-	20,000
Training Program	37,500	-	-	-	37,500
Other Revenue	-	-	-	-	-
Total Revenue	3,874,325	3,294,775	91,187	-	7,260,287
Expenditures:					
Reinsurance/Excess Insurance Premiums	2,962,500	-	-	-	2,962,500
Claims / LAE	-	2,300,000	-	-	2,300,000
Subtotal - Insurance Program	2,962,500	2,300,000	-	-	5,262,500
Wages and Benefits	424,400	-	-	-	424,400
Professional Services	376,475	-	-	-	376,475
Pool Operations	90,950	-	-	-	90,950
Training Program	50,000	-	-	-	50,000
Pass-Through	20,000	-	-	-	20,000
Subtotal - G&A	961,825	-	-	-	961,825
Subro Collection fees	-	44,000	-	-	44,000
Total Expenditures	3,924,325	2,344,000	-	-	6,268,325
Operating Surplus / (Deficit)	(50,000)	950,775	91,187	-	991,962
Non-Operating:					
Transfer from Closed LY to GRF	-	(1,400,000)	-	1,400,000	-
Transfer from Shock Loss to Gen. Res.	-	-	(72,132)	72,132	-
GRF Investment Income	-	-	-	79,400	79,400
GRF Refunds to Members	-	-	-	(2,000,000)	(2,000,000)
Net Surplus / (Deficit)	(50,000)	(449,225)	19,055	(448,468)	(928,638)
Fund Balance, 1/1/23	204,224	8,612,245	2,831,104	4,738,520	16,386,093
Fund Balance, 12/31/23	154,224	8,163,020	2,850,159	4,290,052	15,457,455
=					

MVRMA 2023 BUDGET SUMMARY OF TOTAL REVENUES

Program Description	2021 Actual	2022 Budget	2022 Actual	2023 Budget
Operating Revenues	\$2,826,201	\$3,555,712	\$3,583,371	\$3,874,325
Retro Endorsement Revenues	\$17,019	\$17,075	\$17,595	\$17,775
Loss Year 28 (2016) Revenues	\$30,492	\$22,400	\$26,003	\$21,200
Loss Year 29 (2017) Revenues	\$21,525	\$0	\$0	\$0
Loss Year 30 (2018) Revenues	\$31,455	\$19,800	\$21,131	\$22,900
Loss Year 31 (2019) Revenues	\$122,570	\$173,400	\$110,820	\$284,400
Loss Year 32 (2020) Revenues	\$287,905	\$69,100	\$269,897	\$24,400
Loss Year 33 (2021) Revenues	\$2,511,352	\$184,800	\$314,580	\$66,200
Loss Year 34 (2022) Revenues	\$0	\$2,696,100	\$2,788,870	\$224,700
Loss Year 35 (2023) Revenues	\$0	\$0	\$0	\$2,633,200
Shock Loss Fund Revenues	\$77,333	\$87,809	\$93,847	\$91,187
SUB-TOTAL	\$5,925,852	\$6,826,196	\$7,226,114	\$7,260,287
Transfer-In to GRF from Closed LY	\$1,471,075	\$0	\$0	\$1,400,000
Transfer-In to GRF from SLF	\$253,567	\$11,012		\$72,132
Transfer-In to Operating from SLF	\$90,000	\$0	\$0	\$0
GRF Investment Income & Other	\$90,307	\$72,500	\$74,878	\$79,400
TOTAL	\$7,830,801	\$6,909,708	\$7,312,004	\$8,811,819

MVRMA 2023 BUDGET SUMMARY OF TOTAL EXPENDITURES

						Increase / (D	ecrease)
Program Description	2020 Actual	2021 Actual	2022 Budget	2022 Actual	2023 Budget	Amount	Pct.
Excess Insurance/Reinsurance & Claims:							
Reinsurance / Excess Insurance	\$1,579,087	\$2,003,953	\$2,540,687	\$2,519,580	\$2,962,500	\$421,813	16.6%
Claims/LAE	\$3,176,770	\$2,131,209	\$2,370,000	\$2,712,887	\$2,300,000	(\$70,000)	-3.0%
SUB-TOTAL	\$4,755,857	\$4,135,162	\$4,910,687	\$5,232,467	\$5,262,500	\$351,813	7.2%
Other Expenditures:							
Wages & Benefits	\$516,283	\$424,154	\$408,900	\$407,016	\$424,400	\$15,500	3.8%
Professional Services	\$164,437	\$323,182	\$326,425	\$313,082	\$376,475	\$50,050	15.3%
Pool Operations	\$75,566	\$85,839	\$109,700	\$97,068	\$90,950	(\$18,750)	-17.1%
Training	\$26,615	\$68,302	\$50,000	\$60,965	\$50,000	\$0	0.0%
Pass Through Expenditures	\$5,494	\$14,394	\$20,000	\$16,620	\$20,000	\$0	0.0%
SUB-TOTAL	\$788,395	\$915,871	\$915,025	\$894,751	\$961,825	\$46,800	5.1%
Subro Collection Fees	\$0	\$44,202	\$0	\$66,682	\$44,000	\$44,000	
TOTAL BEFORE INTERFUND	\$5,544,252	\$5,095,235	\$5,825,712	\$6,193,900	\$6,268,325	\$442,613	7.6%
Interfund:							
Interfund Transfer-Out	\$0	\$0	\$0	\$0	\$0	\$0	
Transfer from Shock Loss to General Reserve	\$69,933	\$253,567	\$11,012	\$11,012	\$72,132	\$61,120	555.0%
Transfer from Shock Loss to Operating	\$0	\$90,000	\$0	\$0	\$0	\$0	
GRF: Member Withdrawals	\$1,541,109	\$996,872	\$1,600,000	\$1,865,661	\$2,000,000	\$400,000	25.0%
Transf to GRF from Closed Loss Yrs	\$2,789,488	\$1,471,075	\$0	\$0	\$1,400,000	\$1,400,000	
TOTAL	\$9,944,782	\$7,906,749	\$7,436,724	\$8,070,573	\$9,740,457	\$2,303,733	31.0%

MVRMA 2023 BUDGET REINSURANCE / EXCESS INSURANCE EXPENDITURES

								Increase / (D	ecrease)
Line Item Description	Budgetary Account #	2020 Actual	2021 Actual	2022 Budget	2022 Actual	_	2023 udget	Amount	Pct.
Crime Policy General Surety Bonds Builder's Risk/Other Pass Thru Primary Liability Reinsurance Layer (GEM) Secondary Liab. Reinsurance Layer (Genesis)	100-107 100-108 100-112 100-113 100-114	\$20,699 \$6,837 \$2,038 \$478,444 \$173,416	\$20,486 \$18,346 \$4,987 \$394,007 \$195,000	\$21,500 \$16,000 \$5,000 \$592,000 \$175,000	\$21,128 \$15,339 \$2,410 \$591,889 \$175,132		\$21,500 \$16,000 \$5,000 \$570,000 \$193,000	\$0 \$0 \$0 (\$22,000) \$18,000	0.0% 0.0% 0.0% -3.7% 10.3%
Commercial Property/Boiler&Machinery (APIP) Cyber Liability Excess Coverage Special Events Pass Thru Deadly Weapon Event Coverage	100-117 100-122 100-118 100-121	\$888,549 \$0 \$3,456 \$11,142	\$1,249,513 \$115,926 \$9,407 \$10,675	\$1,561,891 \$162,296 \$15,000 \$12,000	\$1,559,601 \$144,772 \$14,210 \$11,719	\$1	,900,000 ,900,000 \$250,000 \$15,000 \$12,000	\$338,109 \$87,704 \$0 \$0	21.6% 54.0% 0.0% 0.0%
TOTAL		\$1,584,581	\$2,018,347	\$2,560,687	\$2,536,200	\$2	,982,500	\$421,813	16.5%

- 1. 100-107, Crime Policy: Crime coverage \$2M/occurrence. A relatively flat renewal is expected for 2023.
- 2. 100-108, General Surety Bonds: Reflects the amount to purchase scheduled surety bonds as defined in MVRMA's Bond Coverage Policy.
- 3. 100-113, Primary Liability Reinsurance: Reflects GEM's layer excess MVRMA's SIR of \$500K. From 2016 through 2021, GEM provided a limit of \$4.5M excess of \$500K. That layer increased to \$6.5 million excess of \$500K in 2022 due to Genesis reducing their capacity (see #4 below). Note that the 2021 amount decreased due to a significant decrease in members' net operating expenses, which serves as the General Liability exposure base. 2023 premium shown above based on GEM's proposal.
- 4. 100-114, Secondary Liability Reinsurance: Reflects Genesis layer of excess of the MVRMA SIR and GEM layer. From 2016 through 2021 Genesis' reinsurance limits were \$7M excess of \$5M. Beginning in 2022, Genesis offered limits no greater than \$5 million. This decrease was offset by increasing GEM's layer (see #3 above).
- 5. 100-117, Commercial Property: Commercial Property/Boiler & Machinery/Cyber Liability/Pollution Liability will renew 7/1/23. The budgeted 2023 premium is an increase over 2022 by more than 20% based on assumed increases in TIV of about 8% and rates of about 13%. Property rates have increased 9%, 17%, 22%, 40%, and 15%, respectively, in the last 5 years due to the hard commercial property market.
- 6. 100-122, Cyber Liability Excess Coverage: This coverage augments the base cyber liability coverage provided within the APIP program and will renew 7/1/23. The increases since 2021 reflect uncertainty in the insurance market as regards this exposure.

MVRMA 2023 BUDGET CLAIMS

							Increase / (D	ecrease)
Line Item Description	Budgetary Account #	2020 Actual	2021 Actual	2022 Budget	2022 Actual	2023 Budget	Amount	Pct.
Claims & LAE-LY26-2014	500-526	\$1,710,530						
Claims & LAE-LY27-2015	500-527	\$8,406						
Claims & LAE-LY28-2016	500-528	\$78,604	\$94,250					
Claims & LAE-LY29-2017	500-529	\$27,274	\$8,825					
Claims & LAE-LY30-2018	500-530	\$141,434	\$308,852					
Claims & LAE-LY31-2019	500-531	\$482,741	\$389,013					
Claims & LAE-LY32-2020	500-532	\$727,781	\$406,803					
Claims & LAE-LY33-2021	500-533		\$923,466					
Claims & LAE-LY34-2022	500-534							
Claims				\$2,370,000	\$2,712,887	\$2,300,000		
TOTAL		\$3,176,770	\$2,131,209	\$2,370,000	\$2,712,887	\$2,300,000	(\$70,000)	-3.0%

^{1.} The 2023 claims expenditure estimate will be based upon the "expected" amount per the 2023 actuarial loss simulation and risk retention study prepared by Pinnacle Actuaries. This amount is based on a liability SIR of \$500K and a property SIR of \$250K.

MVRMA 2023 BUDGET WAGES AND BENEFITS

								Increase / (D	ecrease)
	<u>Budgetary</u>	2020	2021		2022	2022	2023		ъ.
<u>Line Item Description</u>	Account #	Actual	Actual	<u> </u>	Budget	Actual	Budget	Amount	Pct.
Salaries & Wages Health Insurance	300-301 300-302	\$365,218 \$68,816	\$305,870 \$52,021		\$294,000 \$48,700	\$293,552 \$48,453	\$303,300 \$54,300	\$9,300 \$5,600	3.2% 11.5%
Auto Allowance/Mileage Reimb.	300-302	\$18,290	\$13,911		\$14,000	\$13,226	\$14,500	\$500	3.6%
Life Insurance/Disability	300-305	\$3,026	\$2,311		\$2,400	\$2,021	\$2,200	(\$200)	-8.3%
Medicare	300-306	\$5,345	\$4,427		\$4,200	\$4,105	\$4,300	\$100	2.4%
OPERS	300-307	\$52,204	\$41,687		\$42,000	\$41,887	\$42,000	\$0	0.0%
Dental / Vision	300-308	\$4,639	\$3,567		\$3,200	\$3,318	\$3,300	\$100	3.1%
Workers' Comp	300-309	(\$1,255)	\$360		\$400	\$454	\$500	\$100	25.0%
Other	300-303	\$0	\$0		\$0	\$0	\$0	\$0	
TOTAL		\$516,283	\$424,154		\$408,900	\$407,016	\$424,400	\$15,500	3.8%

- 1. 300-301, Salaries & Wages: The budget, as presented, includes an allowance for reasonable merit increases. The recommended pay ranges for 2023 are: Office Manager \$28.21 \$40.64/hour; Cleaning Services \$83.33 monthly; Loss Control Manager \$67,322 \$100,984; Executive Director \$120,661 \$144,794. These ranges reflect a 2.79% increase based on a survey of members' non-bargaining employees' wages.
- 2. 300-302, Health Insurance: All full-time employees contribute 10% of the cost of this coverage. 2022 amount reflects decrease from 4 employees to 3. Rates for 2023 reflect an 11.5% increase as proposed by CEBCO.
- 3. 300-304, Auto Allowance/Mileage: Auto allowance for the Executive Director of \$550/month and \$580/mo. for the Loss Control Manager. Also includes mileage reimbursement to the Office Manager at the IRS rate. Loss Control Mgr rate reflects 4.5% increase effective 1/1/23.
- 4. 300-305, Life Insurance/Disability: Premiums for a \$100,000 life insurance policy for the Executive Director and coverage equal to annual salary, up to \$50,000, for other full-time employees and Long Term Disability coverage.
- 5. 300-308, Dental / Vision: 2023 rate changes to be minimal.

MVRMA 2023 BUDGET PROFESSIONAL SERVICES EXPENDITURES

							Increase / (D	ecrease)
Line Item Description	Budgetary Account #	2020 Actual	2021 Actual	2022 Budget	2022 Actual	2023 Budget	Amount	Pct.
Actuarial Services Loss Control Services Corporate Legal Services Claims Admin Services Financial Auditing Services Claims Auditing Services Payroll Services Banking Services	200-201 200-202 200-204 200-203 200-205 200-206 200-207 200-208	\$12,830 \$580 \$12,627 \$3,362 \$24,205 \$0 \$1,297 \$1,865	\$23,060 \$25 \$19,720 \$144,139 \$24,308 \$0 \$1,480 \$2,758	\$13,300 \$2,000 \$18,000 \$150,000 \$24,500 \$0 \$1,625 \$2,700	\$13,870 \$912 \$20,743 \$147,071 \$21,230 \$0 \$1,776 \$2,834	\$21,915 \$20,000 \$20,000 \$145,000 \$21,000 \$7,000 \$1,860 \$2,900	\$8,615 \$18,000 \$2,000 (\$5,000) (\$3,500) \$7,000 \$235 \$200	64.8% 900.0% 11.1% -3.3% -14.3% 14.5% 7.4%
Appraisal Services Brokering Services Technology Services Other Services Investment Services Fees Recruitment Services	200-209 200-210 200-211 200-212 200-213	\$0 \$78,768 \$9,271 \$9,667 \$9,965 \$0	\$0 \$78,768 \$8,901 \$9,253 \$10,770 \$0	\$5,000 \$78,800 \$10,000 \$10,000 \$10,500 \$0	\$0 \$78,768 \$12,849 \$2,649 \$10,380 \$0	\$5,000 \$78,800 \$12,000 \$10,000 \$11,000 \$20,000	\$0 \$0 \$2,000 \$0 \$500 \$20,000	0.0% 0.0% 20.0% 0.0% 4.8%
TOTAL		\$164,437	\$323,182	\$326,425	\$313,082	\$376,475	\$50,050	15.3%

- 1. 200-201, Actuarial Services: Reflects fees for annual Loss Funding Study and Reserve Opinion actuarial reports. 2021 amount includes fee to perform a surplus study, last completed in 2015. Fees expected to increase in 2023 with new actuarial services contract.
- 2. 200-202, Loss Control Services: Miscellaneous loss control expenses including Target Solutions. New for 2023: allocation for cyber loss control.
- 200-203, Claims Admin Fees: Fees to Gallagher Bassett for claims third party adminsitrator services.
- 4. 200-205, Financial Auditing Services: Auditing fees per audit contract with Julian & Grube and Auditor of State fees. The contract with Julian & Grube called for no increases through the 2024 audit. The 2022 and 2023 amounts reflect decrease due to decrease in audit scope from our use of a claims TPA.
- 5. 200-206, Claims Auditing: GEM performed the triennial claims audit in 2019. GEM does not charge its members for this service. 2023 amount includes claims audit using an indendepent claims auditor.
- 6. 200-209, Appraisal Services: Includes an amount for the appraisal of facilities not covered by the APIP appraisal services
- 7. 200-210, Brokering Services: Fee per broker services agreement with Alliant Insurance Services Inc. Agreement provides for no increase in annual fee for through 7/1/23. MVRMA has an option to renew at that date for up to 2 additional years.
- 8. 200-211, Technology Services: Includes cost of hosted cloud server, contract maintenance services. 2022 includes costs of vulerability testing,
- 9. 200-212, Other Services: Fee for Alliant Insurance Services for Alliant Signature Services (appraisal and loss control services).
- Recruitment Services: new line item for executive recruitment services

MVRMA 2023 BUDGET POOL OPERATIONS EXPENDITURES

Line Item Description	Budgetary Account #	2020 Actual	2021 Actual
Awards Program	400-401	\$1,818	\$2,456
Office Equipment/Software	400-403	\$18,031	\$29,208
Memberships/Publications	400-404	\$4,730	\$3,779
Office Rent	400-405	\$33,479	\$34,130
Office Supplies	400-406	\$1,887	\$1,252
Postage	400-407	\$356	\$229
Printing/Photocopying	400-408		
Telephone / Internet	400-409	\$6,091	\$4,886
Education/Travel	400-410	\$3,246	\$3,001
Miscellaneous/Contingency	400-411	\$3,299	\$3,606
Advertising	400-412	\$796	\$725
Board Meetings	400-413	\$612	\$1,398
Equipment Maintenance	400-415	\$1,155	\$1,169
Records Disposal	400-418	\$0	\$0
Cleaning, water, mats	400-419	\$66	\$0
Training Program	400-420	\$26,615	\$68,302
TOTAL		\$102,181	\$154,141

2022	2022
Budget	Actual
\$6,000	\$0
\$18,000	\$14,364
\$4,000	\$4,038
\$35,000	\$34,813
\$1,500	\$1,051
\$300	\$72
\$5,000 \$19,500	\$677 \$4,755 \$17,194
\$7,500	\$225
\$800	\$814
\$10,000	\$17,562
\$2,000	\$1,326
\$0	\$177
\$100	\$0
\$50,000	\$60,965
\$159,700	\$158,033

Increase / (Decreas					
2023 Budget	Amount	Pct.			
	7111104111				
\$5,000	(\$1,000)	-16.7%			
\$8,000	(\$10,000)	-55.6%			
\$4,000	\$0	0.0%			
\$35,500	\$500	1.4%			
\$1,200	(\$300)	-20.0%			
\$200	(\$100)	-33.3%			
	\$0				
\$5,000	\$0	0.0%			
\$19,500	\$0	0.0%			
\$7,500	\$0	0.0%			
\$1,000	\$200	25.0%			
\$1,750	(\$8,250)	-82.5%			
\$2,000	\$0	0.0%			
\$200	\$200				
\$100	\$0	0.0%			
\$50,000	\$0	0.0%			
\$140,950	(\$18,750)	-11.7%			

- 1. 400-401, Awards Program: No awards presented in 2022 due to a change in the timing of the program. Next awards in March 2023.
- 2. 400-403, Office Equipment/Software: Includes subscriptions to Office 365, Quickbooks and Adobe, replacement of laptop(s).
- 3. 400-405, Office Rent: Per 5-yr lease effective 6/15/19.
- 4 400-409, Telephone/Internet: Includes cost of internet service and cell phone allowances for the Executive Director of \$60/month and \$86/month for the Loss Control Manager.
- 5. 400-410, Education/Travel: Includes conference fees and related expenses to sponsor the attendance of the President and four other Board Trustees at AGRiP/PRIMA Conferences. Also included is funding for staff members' attendance at relevant state and national training programs.
- 6. 400-413, Board Meetings: Includes cost of triennial Strategic Planning Meeting in 2022.
- 7. 400-415, Equipment Maintenance: Includes maintenance contracts for the telephone system and copier/printer.
- 8. 400-420, Training program: The goal is to cover 75% of training program expenditures with seminar fee revenue.

MVRMA 2023 BUDGET GENERAL RESERVE FUND EXPENDITURES

Line Item Description	Budgetary Account #	2020 Actual	2021 Actual
GRF Member Withdrawals	501-501	\$1,541,109	\$996,872
TOTAL		\$1,541,109	\$996,872

2022 Budget	2022 Actual
\$1,600,000	\$1,865,661
\$1,600,000	\$1,865,661

	Increase / (Decrease)
2023 Budget	Amount	Pct.
\$2,000,000		
\$2,000,000	\$400,000	25%

NOTES:

1. The General Reserve Fund receives, holds and invests members' refunds from closed loss years. By policy, members may withdraw funds within 30 days of a loss year closure, or in January, or at any time to pay a MVRMA bill.

MVRMA 2023 BUDGET SUBROGATION COLLECTION FEES

Line Item Description	Budgetary Account #	2020 Actual	2021 Actual
Subrogation Fees - 2019 Subrogation Fees - 2020 Subrogation Fees - 2021 Subrogation Fees - 2022 Subrogation Fees - 2023	500-431 500-432 500-433 500-434 500-435		\$1,443 \$12,298 \$30,461
TOTAL		\$0	\$44,202

2022 Budget	2022 Actual
	\$2,211 \$43,347 \$21,124
\$0	\$66,682

	Increase / (D	ecrease)
2023 Budget	Amount	Pct.
\$5,000		
\$25,000 \$14,000		
\$44,000	\$44,000	

NOTES:1. Expenses incurred in the collection subrogation recoveries, generally 20% of recovered amount.

MVRMA 2023 BUDGET SHOCK LOSS FUND EXPENDITURES

Line Item Description	Budgetary Account #	2020 Actual	2021 Actual
Transfer to GRF Transfer to Loss Years Transfer to Operating Fund	510-572 510-590	\$69,933 \$0 \$0	\$253,567 \$0 \$90,000
TOTAL		\$69,933	\$343,567

2022	2022
Budget	Actual
\$11,012	\$11,012
\$0	\$0
\$0	\$0
\$11,012	\$11,012

	Increase / (Decrease)		
2023 Budget	Amount	Pct.	
\$72,132 \$0 \$0	\$61,120 \$0 \$0	555.0% 	
\$72,132	\$61,120	555.0%	

- 1. 510-572, Transfer to GRF: Members are refunded the portion of their Shock Loss Fund balance in excess of 140% of the current year loss fund contribution.
- 2. Transfer to Operating Fund in 2021 to cover the unbudgeted expense of adverse property renewal.

MVRMA 2023 BUDGET CLOSED LOSS YEAR TRANSFERS

Line Item Description	Budgetary Account #	2020 Actual	2021 Actual	
		\$2,789,488	\$1,471,075	
TOTAL		\$2,789,488	\$1,471,075	

2022 Budget	2022 Actual
\$0	\$0
\$0	\$0

	Increase /	(Decrease)
2023 Budget	Amount	Pct.
\$1,400,000		
\$1,400,000	\$1,400,000	-

- 1. Amounts shown above reflect the internal transfers from closed loss years to the GRF. Each member's GRF account is credited for their proportionate share of loss year refunds based on the proportion in which the funds were contributed.
- 2. Reflects the closures of LY 26 (2014) & LY 27 (2015) in 2020, and LY 29 (2017) in 2021. One loss year closure is likely in 2023.

2023 Budget Member Contributions

	2023 / LY 35 Member Contributions								
				Subtotal: Net	LY 35 Loss	Shock Loss	TOTAL		
	2023 / LY35	2023 OPER	Less: 2022	OPER	Fund	Fund	2023		
<u>Member</u>	PCF	Contribution	OPER Rebate	Contribution	Contribution	Contribution	Contribution		
Beavercreek	5.19194%	\$199,387	(\$2,519)	\$196,868	\$125,904	\$0	\$322,772		
Bellbrook	0.90537%	\$34,769	(\$438)	\$34,331	\$21,955	\$0	\$56,286		
Blue Ash	4.54144%	\$174,406	(\$2,891)	\$171,515	\$110,130	\$0	\$281,645		
Centerville	4.84263%	\$185,973	(\$2,105)	\$183,868	\$117,434	\$0	\$301,302		
Englewood	3.57926%	\$137,455	(\$1,439)	\$136,016	\$86,797	\$7,645	\$230,458		
Fairfield	8.13686%	\$312,482	(\$4,069)	\$308,413	\$197,319	\$29,598	\$535,330		
Indian Hill	2.25125%	\$86,455	(\$1,157)	\$85,298	\$54,593	\$0	\$139,891		
Kettering	11.94085%	\$458,568	(\$6,355)	\$452,213	\$289,566	\$0	\$741,779		
Madeira	0.95253%	\$36,580	(\$513)	\$36,067	\$23,099	\$0	\$59,166		
Mason	8.46588%	\$325,117	(\$3,755)	\$321,362	\$205,297	\$0	\$526,659		
Miamisburg	5.51093%	\$211,638	(\$2,735)	\$208,903	\$133,640	\$0	\$342,543		
Montgomery	2.05419%	\$78,888	(\$1,080)	\$77,808	\$49,814	\$0	\$127,622		
NAWA	0.36601%	\$14,056	(\$200)	\$13,856	\$8,876	\$312	\$23,044		
Piqua	7.95532%	\$305,510	(\$3,762)	\$301,748	\$192,916	\$0	\$494,664		
Sidney	5.71041%	\$219,298	(\$2,733)	\$216,565	\$138,477	\$0	\$355,042		
Springdale	3.65139%	\$140,225	(\$1,637)	\$138,588	\$88,546	\$2,432	\$229,566		
Tipp City	2.92778%	\$112,436	(\$1,683)	\$110,753	\$70,999	\$0	\$181,752		
Troy	6.88313%	\$264,335	(\$3,835)	\$260,500	\$166,916	\$0	\$427,416		
Vandalia	3.44180%	\$132,176	(\$1,830)	\$130,346	\$83,464	\$0	\$213,810		
West Carrollton	1.97949%	\$76,019	(\$1,067)	\$74,952	\$48,003	\$0	\$122,955		
Wilmington	6.64449%	\$255,170	(\$3,207)	\$251,963	\$161,129	\$0	\$413,092		
Wyoming	2.06706%	\$79,382	(\$990)	\$78,392	\$50,126	\$0	\$128,518		
TOTALS	100.00000%	\$3,840,325	(\$50,000)	\$3,790,325	\$2,425,000	\$39,987	\$6,255,312		

		1	1	7	
2022 2021 Contribution Contribution		2020 Contribution	2019	2018 Contribution	
Contribution	Contribution	Contribution	Contribution	Contribution	
\$302,186	\$275,125	\$290,474	\$385,600	\$376,481	
\$52,428	\$40,886	\$42,823	\$41,492	\$41,654	
\$347,056	\$324,875	\$270,323	\$271,296	\$272,335	
\$251,856	\$193,841	\$180,592	\$171,375	\$163,297	
\$172,004	\$125,852	\$119,708	\$120,680	\$121,263	
\$518,384	\$455,957	\$413,680	\$0	\$0	
\$138,442	\$110,656	\$116,852	\$97,111	\$92,846	
\$760,848	\$615,648	\$554,768	\$527,168	\$482,101	
\$61,459	\$50,743	\$78,629	\$65,731	\$53,754	
\$449,852	\$377,781	\$377,074	\$311,800	\$297,685	
\$327,764	\$284,008	\$255,813	\$265,815	\$234,983	
\$129,545	\$114,897	\$102,692	\$105,924	\$110,282	
\$25,391	\$20,756	\$7,919	\$7,714	\$7,630	
\$449,736	\$329,733	\$380,083	\$307,239	\$326,311	
\$327,658	\$285,384	\$288,514	\$259,960	\$268,006	
\$195,593	\$136,838	\$137,851	\$139,288	\$144,919	
\$202,419	\$209,290	\$201,495	\$234,116	\$203,316	
\$458,014	\$315,609	\$300,246	\$311,387	\$282,197	
\$219,154	\$179,944	\$193,224	\$183,259	\$163,633	
\$127,898	\$109,333	\$108,407	\$105,505	\$121,320	
\$403,059	\$323,806	\$253,712	\$212,186	\$180,841	
\$118,475	\$93,490	\$98,714	\$81,159	\$134,793	
, , , , , ,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	, , , , , ,	, , , , , , ,	, ,,,,,,,,	
\$6,039,221	\$4,974,452	\$4,773,593	\$4,205,805	\$4,079,647	

MVRMA POOL CONTRIBUTION FACTORS -- 2023 / Loss Year 35 2023 MVRMA BUDGET

Member City	2020 Population	# Sworn FT Police	# Other Full-Time	# Titled Vehicles	Insurable Property Values	NOE	Avg. Annual Adjusted Losses	Pool Contribution Factors
Beavercreek	46,507	50	99	134	\$48,112,898	\$17,493,510	\$42,593	5.19194%
Bellbrook	7,308	11	21	31	\$16,892,680	\$5,071,912	\$1,936	0.90537%
Blue Ash	13,379	33	104	110	\$136,794,798	\$26,886,040	\$37,039	4.54144%
Centerville	24,255	41	99	96	\$48,986,025	\$18,664,084	\$59,885	4.84263%
Englewood	13,450	23	77	63	\$55,801,396	\$13,735,660	\$48,691	3.57926%
Fairfield	44,936	64	217	210	\$124,091,638	\$48,644,817	\$62,719	8.13686%
Indian Hill	5,769	21	59	63	\$42,658,308	\$12,257,115	\$19,930	2.25125%
Kettering	57,743	79	335	244	\$207,637,860	\$51,779,456	\$124,219	11.94085%
Madeira	9,483	14	11	19	\$6,266,036	\$4,912,167	\$5,769	0.95253%
Mason	34,787	49	169	148	\$188,438,776	\$42,792,887	\$98,786	8.46588%
Miamisburg	19,890	37	108	98	\$110,210,344	\$21,880,005	\$70,993	5.51093%
Montgomery	10,846	20	55	56	\$32,616,492	\$13,894,231	\$12,303	2.05419%
NAWA	-	0	5	2	\$17,642,306	\$1,412,741	\$6,162	0.36601%
Piqua	20,361	31	145	139	\$200,836,352	\$45,458,991	\$104,480	7.95532%
Sidney	20,592	37	199	154	\$104,257,406	\$21,927,084	\$54,874	5.71041%
Springdale	10,990	32	84	69	\$48,706,252	\$19,013,157	\$43,856	3.65139%
Tipp City	10,282	20	51	76	\$52,999,171	\$26,504,655	\$24,779	2.92778%
Troy	23,027	43	159	151	\$131,207,018	\$28,772,354	\$83,679	6.88313%
Vandalia	15,177	28	109	93	\$70,047,259	\$17,404,768	\$24,908	3.44180%
West Carrollton	13,095	22	54	59	\$35,646,707	\$10,981,403	\$8,236	1.97949%
Wilmington	12,518	24	131	144	\$100,268,841	\$18,447,788	\$113,876	6.64449%
Wyoming	8,749	19	36	42	\$42,856,276	\$7,766,281	\$22,791	2.06706%
TOTALS	423,144	698	2327	2201	\$1,822,974,839	\$475,701,106	\$1,072,504	100.00000%

Notes:

- 1. The data is as of 11/1/22 unless otherwise noted.
- "Avg. Annual Adjusted Losses" are calculated by averaging each member's losses for the years 2018, 2019, 2020 & 2021.
 Losses are adjusted in accordance with MVRMA's Loss Capping Policy and include both paid claims and open claim reserves.
 Loss data is as of August 9, 2022
- 3. Annually, all buildings valued in excess of \$50K, that were constructed or acquired since the previous year's on-site appraisal, are appraised. Annually, Alliant updates the values of existing buildings using an index.
- 4. "NOE" are calculated based upon each members' audited financial statements for the fiscal year most recently concluded. The amount has been adjusted to exclude depreciation, interest expense and contracts for which the risk has been effectively transferred to a third party.
- 5. A member's PCF value is determined by applying the following formula to the member's percentage share of each of the factors in the above table:

2022 OPERATING FUND REBATE / SUPPLEMENT

		2022				
	0	perating	2022 PCF		ı	Rebate /
City	Cor	ntributions	Factor		(Su	pplement)
Beavercreek		\$170,685	5.037%			\$2,519
Bellbrook		\$29,693	0.876%			\$438
Blue Ash		\$195,926	5.782%			\$2,891
Centerville		\$142,670	4.211%			\$2,105
Englewood		\$97,512	2.878%			\$1,439
Fairfield		\$275,758	8.139%			\$4,069
Indian Hill		\$78,376	2.313%			\$1,157
Kettering		\$430,650	12.710%			\$6,355
Madeira		\$34,775	1.026%			\$513
Mason		\$254,462	7.510%			\$3,755
Miamisburg		\$185,300	5.469%			\$2,735
Montgomery		\$73,207	2.161%			\$1,080
NAWA		\$13,523	0.399%			\$200
Piqua		\$254,954	7.525%			\$3,762
Sidney		\$185,223	5.467%			\$2,733
Springdale		\$110,958	3.275%			\$1,637
Tipp City		\$114,042	3.366%			\$1,683
Troy		\$259,882	7.670%			\$3,835
Vandalia		\$124,014	3.660%			\$1,830
West Carrollton		\$72,324	2.135%			\$1,067
Wilmington		\$217,292	6.413%			\$3,207
Wyoming		\$67,086	1.980%			\$990
	\$	3,388,312	100.000%	_	\$	50,000

2022 Operating Rebate to be deducted from the 2023 Operating Contribution.

2023 BUDGET
SHOCK LOSS FUND - CONTRIBUTIONS AND REFUNDS

	Adjusted SLF Balance 10/31/22	2023 LF Contrib.	Excess / (Def.)	2023 SLF Contrib. (1)	2023 SLF Refund (2)
Beavercreek	\$173,232	\$125,904	\$47,328	\$0	\$0
Bellbrook	\$25,740	\$21,955	\$3,785	\$0	\$0
Blue Ash	\$201,265	\$110,130	\$91,135	\$0	\$47,083
Centerville	\$121,884	\$117,434	\$4,450	\$0	\$0
Englewood	\$79,152	\$86,797	(\$7,645)	\$7,645	\$0
Fairfield	\$52,342	\$197,319	(\$144,977)	\$29,598	\$0
Indian Hill	\$69,575	\$54,593	\$14,982	\$0	\$0
Kettering	\$386,897	\$289,566	\$97,331	\$0	\$0
Madeira	\$31,947	\$23,099	\$8,848	\$0	\$0
Mason	\$223,751	\$205,297	\$18,454	\$0	\$0
Miamisburg	\$178,512	\$133,640	\$44,872	\$0	\$0
Montgomery	\$72,217	\$49,814	\$22,403	\$0	\$2,477
NAWA	\$8,564	\$8,876	(\$312)	\$312	\$0
Piqua	\$207,342	\$192,916	\$14,426	\$0	\$0
Sidney	\$179,505	\$138,477	\$41,028	\$0	\$0
Springdale	\$86,114	\$88,546	(\$2,432)	\$2,432	\$0
Tipp City	\$120,383	\$70,999	\$49,384	\$0	\$20,984
Troy	\$198,494	\$166,916	\$31,578	\$0	\$0
Vandalia	\$113,259	\$83,464	\$29,795	\$0	\$0
West Carrollton	\$68,792	\$48,003	\$20,789	\$0	\$1,588
Wilmington	\$163,536	\$161,129	\$2,407	\$0	\$0
Wyoming	\$58,779	\$50,126	\$8,653	\$0	\$0
Total	\$2,821,282	\$2,425,000	\$396,282	\$39,987	\$72,132

^{1.} Required Contribution per SLF Policy is lesser of: 1) deficiency of SLF balance versus current year LF contribution, or 2) 15% of current year LF contribution.

^{2.} Per SLF Policy, members with SLF balance > 140% of current year LF contribution are refunded the excess. The refund will be transferred to the members' General Reserve Fund accounts in January.