

Form 5500-SF

Department of the Treasury Internal Revenue Service

Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation

Short Form Annual Return/Report of Small Employee Benefit Plan

This form is required to be filed under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA), and sections 6057(b) and 6058(a) of the Internal Revenue Code (the Code).

Complete all entries in accordance with the instructions to the Form 5500-SF.

OMB Nos. 1210-0110 1210-0089

2024

This Form is Open to Public Inspection

Part I Annual Report Identification Information

For calendar plan year 2024 or fiscal plan year beginning 01/01/2024 and ending 12/31/2024

- A This return/report is for: [X] a single-employer plan [] a multiple-employer plan (not multiemployer) (Pension Plan filers checking this box must attach Schedule MEP. Other plans must attach a list of participating employer information in accordance with the form instructions.)
B This return/report is [] the first return/report [] the final return/report [] an amended return/report [] a short plan year return/report (less than 12 months)
C Check box if filing under: [X] Form 5558 [] automatic extension [] DFVC program [] special extension (enter description)
D If the plan is a collectively-bargained plan, check here []
E If this is a retroactively adopted plan permitted by SECURE Act section 201, check here []

Part II Basic Plan Information—enter all requested information

1a Name of plan MISSOURI STATE MEDICAL ASSOCIATION DEFINED BENEFIT PENSION PLAN
1b Three-digit plan number (PN) 001
1c Effective date of plan 04/01/1959
2a Plan sponsor's name (employer, if for a single-employer plan) Mailing address (include room, apt., suite no. and street, or P.O. Box) City or town, state or province, country, and ZIP or foreign postal code (if foreign, see instructions) MISSOURI STATE MEDICAL ASSOCIATION PO BOX 1028 JEFFERSON CITY, MO 65102-1028
2b Employer Identification Number (EIN) 43-0631112
2c Sponsor's telephone number 573-636-5151
2d Business code (see instructions) 541910
3a Plan administrator's name and address [X] Same as Plan Sponsor.
3b Administrator's EIN
3c Administrator's telephone number
4 If the name and/or EIN of the plan sponsor or the plan name has changed since the last return/report filed for this plan, enter the plan sponsor's name, EIN, the plan name and the plan number from the last return/report.
a Sponsor's name
c Plan Name
4b EIN
4d PN
5a Total number of participants at the beginning of the plan year 14
b Total number of participants at the end of the plan year 11
c(1) Number of participants with account balances as of the beginning of the plan year (only defined contribution plans complete this item)
c(2) Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item)
d(1) Total number of active participants at the beginning of the plan year 6
d(2) Total number of active participants at the end of the plan year 5
e Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested

Caution: A penalty for the late or incomplete filing of this return/report will be assessed unless reasonable cause is established. Under penalties of perjury and other penalties set forth in the instructions, I declare that I have examined this return/report, including, if applicable, a Schedule SB or Schedule MB completed and signed by an enrolled actuary, as well as the electronic version of this return/report, and to the best of my knowledge and belief, it is true, correct, and complete.

Table with 4 columns: SIGN HERE, Signature of plan administrator, Date, and Name (JEFF HOWELL). Includes a second row for the employer/plan sponsor signature.

- 6a** Were all of the plan's assets during the plan year invested in eligible assets? (See instructions.) Yes No
- b** Are you claiming a waiver of the annual examination and report of an independent qualified public accountant (IQPA) under 29 CFR 2520.104-46? (See instructions on waiver eligibility and conditions.) Yes No
- If you answered "No" to either line 6a or line 6b, the plan cannot use Form 5500-SF and must instead use Form 5500.**
- c** If the plan is a defined benefit plan, is it covered under the PBGC insurance program (see ERISA section 4021)? Yes No Not determined
- If "Yes" is checked, enter the My PAA confirmation number from the PBGC premium filing for this plan year 547818. (See instructions.)

Part III Financial Information			
7 Plan Assets and Liabilities		(a) Beginning of Year	(b) End of Year
a Total plan assets	7a	5754691	5045379
b Total plan liabilities	7b		
c Net plan assets (subtract line 7b from line 7a)	7c	5754691	5045379
8 Income, Expenses, and Transfers for this Plan Year		(a) Amount	(b) Total
a Contributions received or receivable from:			
(1) Employers	8a(1)		
(2) Participants	8a(2)		
(3) Others (including rollovers)	8a(3)		
b Other income (loss)	8b	228299	
c Total income (add lines 8a(1), 8a(2), 8a(3), and 8b)	8c		228299
d Benefits paid (including direct rollovers and insurance premiums to provide benefits)	8d	937611	
e Certain deemed and/or corrective distributions (see instructions) .	8e		
f Administrative service providers (salaries, fees, commissions)	8f		
g Other expenses	8g		
h Total expenses (add lines 8d, 8e, 8f, and 8g)	8h		937611
i Net income (loss) (subtract line 8h from line 8c)	8i		-709312
j Transfers to (from) the plan (see instructions)	8j		

Part IV Plan Characteristics	
9a	If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristic Codes in the instructions: 1A 1I 3H
b	If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristic Codes in the instructions:

Part V Compliance Questions				
10 During the plan year:		Yes	No	Amount
a Was there a failure to transmit to the plan any participant contributions within the time period described in 29 CFR 2510.3-102? Continue to answer "Yes" for any prior year failures until fully corrected. (See instructions and DOL's Voluntary Fiduciary Correction Program)	10a		X	
b Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 10a.)	10b		X	
c Was the plan covered by a fidelity bond?	10c	X		151807
d Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?	10d		X	
e Were any fees or commissions paid to any brokers, agents, or other persons by an insurance carrier, insurance service, or other organization that provides some or all of the benefits under the plan? (See instructions.)	10e		X	
f Has the plan failed to provide any benefit when due under the plan?	10f		X	
g Did the plan have any participant loans? (If "Yes," enter amount as of year-end.)	10g		X	
h If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)	10h			
i If 10h was answered "Yes," check the box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3	10i			

Part VI Pension Funding Compliance

11 Is this a defined benefit plan subject to minimum funding requirements? (If "Yes," see instructions and complete Schedule SB (Form 5500) and lines 11a and b below.) If this is a defined contribution pension plan, leave line 11 blank and complete line 12 below. Yes No

a Enter the unpaid minimum required contributions for all years from Schedule SB (Form 5500) line 40 **11a** 0

b PBGC missed contribution reporting requirements. If the plan is covered by PBGC and the amount reported on line 11a is greater than \$0, has PBGC been notified as required by ERISA sections 4043(c)(5) and/or 303(k)(4)? Check the applicable box:
 Yes.
 No. Reporting was waived under 29 CFR 4043.25(c)(2) because contributions equal to or exceeding the unpaid minimum required contribution were made by the 30th day after the due date.
 No. The 30-day period referenced in 29 CFR 4043.25(c)(2) has not yet ended, and the sponsor intends to make a contribution equal to or exceeding the unpaid minimum required contribution by the 30th day after the due date.
 No. Other. Provide explanation _____

12 Is this a defined contribution plan subject to the minimum funding requirements of section 412 of the Code or section 302 of ERISA? Yes No
(If "Yes," complete line 12a or lines 12b, 12c, 12d, and 12e below, as applicable.) If this is a defined benefit pension plan, leave line 12 blank and complete line 11 above.

a If a waiver of the minimum funding standard for a prior year is being amortized in this plan year, see instructions, and enter the date of the letter ruling granting the waiver. Month Day Year

If you completed line 12a, complete lines 3, 9, and 10 of Schedule MB (Form 5500), and skip to line 13.

b Enter the minimum required contribution for this plan year **12b**

c Enter the amount contributed by the employer to the plan for this plan year **12c**

d Subtract the amount in line 12c from the amount in line 12b. Enter the result (enter a minus sign to the left of a negative amount) **12d**

e Will the minimum funding amount reported on line 12d be met by the funding deadline?..... Yes No N/A

Part VII Plan Terminations and Transfers of Assets

13a Has a resolution to terminate the plan been adopted in any plan year? Yes No

a If "Yes," enter the amount of any plan assets that reverted to the employer this year..... **13a** 0

b Were all the plan assets distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC? Yes No

c If, during this plan year, any assets or liabilities were transferred from this plan to another plan(s), identify the plan(s) to which assets or liabilities were transferred. (See instructions.)

13c(1) Name of plan(s):	13c(2) EIN(s)	13c(3) PN(s)

Part VIII IRS Compliance Questions

14a Does the plan satisfy the coverage and nondiscrimination tests of Code sections 410(b) and 401(a)(4) by combining this plan with any other plans under the permissive aggregation rules? Yes No

14b If this is a Code section 401(k) plan, check all boxes that apply to indicate how the plan is intended to satisfy the nondiscrimination requirements for employee deferrals and employer matching contributions (as applicable) under Code sections 401(k)(3) and 401(m)(2).
 Design-based safe harbor method
 "Prior year" ADP test
 "Current year" ADP test
 N/A

15 If the plan sponsor is an adopter of a pre-approved plan that received a favorable IRS Opinion Letter, enter the date of the Opinion Letter ___/___/___ (MM/DD/YYYY) and the Opinion Letter serial number _____.

SCHEDULE SB (Form 5500) <small>Department of the Treasury Internal Revenue Service</small> <small>Department of Labor Employee Benefits Security Administration</small> <small>Pension Benefit Guaranty Corporation</small>	Single-Employer Defined Benefit Plan Actuarial Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6059 of the Internal Revenue Code (the Code). ▶ File as an attachment to Form 5500 or 5500-SF.	<small>OMB No. 1210-0110</small> 2024 This Form is Open to Public Inspection
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For calendar plan year 2024 or fiscal plan year beginning 01/01/2024 and ending 12/31/2024

▶ **Round off amounts to nearest dollar.**
 ▶ **Caution:** A penalty of \$1,000 will be assessed for late filing of this report unless reasonable cause is established.

A Name of plan <u>MISSOURI STATE MEDICAL ASSOCIATION DEFINED BENEFIT PENSION PLAN</u>	B Three-digit plan number (PN) ▶	<u>001</u>
C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF <u>MISSOURI STATE MEDICAL ASSOCIATION</u>	D Employer Identification Number (EIN) <u>43-0631112</u>	
E Type of plan: <input checked="" type="checkbox"/> Single <input type="checkbox"/> Multiple-A <input type="checkbox"/> Multiple-B	F Prior year plan size: <input checked="" type="checkbox"/> 100 or fewer <input type="checkbox"/> 101-500 <input type="checkbox"/> More than 500	

Part I Basic Information

1	Enter the valuation date: Month <u>01</u> Day <u>01</u> Year <u>2024</u>		
2	Assets:		
	a Market value	2a	<u>5754691</u>
	b Actuarial value	2b	<u>5754691</u>
3	Funding target/participant count breakdown	(1) Number of participants	(2) Vested Funding Target
	a For retired participants and beneficiaries receiving payment	<u>4</u>	<u>1906357</u>
	b For terminated vested participants	<u>4</u>	<u>1302688</u>
	c For active participants	<u>6</u>	<u>1696034</u>
	d Total	<u>14</u>	<u>4905079</u>
4	If the plan is in at-risk status, check the box and complete lines (a) and (b)..... <input type="checkbox"/>		
	a Funding target disregarding prescribed at-risk assumptions	4a	
	b Funding target reflecting at-risk assumptions, but disregarding transition rule for plans that have been in at-risk status for fewer than five consecutive years and disregarding loading factor	4b	
5	Effective interest rate	5	<u>5.20 %</u>
6	Target normal cost		
	a Present value of current plan year accruals	6a	<u>128597</u>
	b Expected plan-related expenses	6b	<u>27967</u>
	c Target normal cost	6c	<u>156564</u>

Statement by Enrolled Actuary
 To the best of my knowledge, the information supplied in this schedule and accompanying schedules, statements and attachments, if any, is complete and accurate. Each prescribed assumption was applied in accordance with applicable law and regulations. In my opinion, each other assumption is reasonable (taking into account the experience of the plan and reasonable expectations) and such other assumptions, in combination, offer my best estimate of anticipated experience under the plan.

SIGN HERE		
	Signature of actuary	<u>09/24/2025</u> Date
	<u>WILLIAM D WINNINGHAM</u> Type or print name of actuary	<u>23-06367</u> Most recent enrollment number
	<u>MILLIMAN, INC.</u> Firm name	<u>314-231-3031</u> Telephone number (including area code)
	<u>500 NORTH BROADWAY SUITE 1750 ST. LOUIS, MO 63102</u> Address of the firm	

Part II Beginning of Year Carryover and Prefunding Balances		(a) Carryover balance	(b) Prefunding balance
7	Balance at beginning of prior year after applicable adjustments (line 13 from prior year)	0	141323
8	Portion elected for use to offset prior year's funding requirement (line 35 from prior year)		0
9	Amount remaining (line 7 minus line 8)	0	141323
10	Interest on line 9 using prior year's actual return of <u>7.47</u> %	0	10557
11	Prior year's excess contributions to be added to prefunding balance:		
	a Present value of excess contributions (line 38a from prior year)		9953
	b(1) Interest on the excess, if any, of line 38a over line 38b from prior year Schedule SB, using prior year's effective interest rate of <u>5.36</u> %		533
	b(2) Interest on line 38b from prior year Schedule SB, using prior year's actual return		0
	c Total available at beginning of current plan year to add to prefunding balance		10486
	d Portion of (c) to be added to prefunding balance		0
12	Other reductions in balances due to elections or deemed elections	0	0
13	Balance at beginning of current year (line 9 + line 10 + line 11d – line 12)	0	151880

Part III Funding Percentages			
14	Funding target attainment percentage	14	113.23 %
15	Adjusted funding target attainment percentage	15	116.30 %
16	Prior year's funding percentage for purposes of determining whether carryover/prefunding balances may be used to reduce current year's funding requirement	16	119.55 %
17	If the current value of the assets of the plan is less than 70 percent of the funding target, enter such percentage	17	%

Part IV Contributions and Liquidity Shortfalls							
18 Contributions made to the plan for the plan year by employer(s) and employees:							
(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees	(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees		
			Totals ▶	18(b)		18(c)	

19 Discounted employer contributions – see instructions for small plan with a valuation date after the beginning of the year:			
a	Contributions allocated toward unpaid minimum required contributions from prior years	19a	0
b	Contributions made to avoid restrictions adjusted to valuation date	19b	0
c	Contributions allocated toward minimum required contribution for current year adjusted to valuation date	19c	0
20 Quarterly contributions and liquidity shortfalls:			
a	Did the plan have a "funding shortfall" for the prior year?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
b	If line 20a is "Yes," were required quarterly installments for the current year made in a timely manner?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
c	If line 20a is "Yes," see instructions and complete the following table as applicable:		
Liquidity shortfall as of end of quarter of this plan year			
(1) 1st	(2) 2nd	(3) 3rd	(4) 4th

Part V Assumptions Used to Determine Funding Target and Target Normal Cost

21 Discount rate:

a Segment rates:	1st segment: 4.75 %	2nd segment: 4.87 %	3rd segment: 5.59 %	<input type="checkbox"/> N/A, full yield curve used
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b Applicable month (enter code) **21b** 4

22 Weighted average retirement age **22** 65

23 Mortality table(s) (see instructions) Prescribed - combined Prescribed - separate Substitute

Part VI Miscellaneous Items

24 Has a change been made in the non-prescribed actuarial assumptions for the current plan year? If "Yes," see instructions regarding required attachment..... Yes No

25 Has a method change been made for the current plan year? If "Yes," see instructions regarding required attachment..... Yes No

26 Demographic and benefit information

a Is the plan required to provide a Schedule of Active Participants? If "Yes," see instructions regarding required attachment..... Yes No

b Is the plan required to provide a projection of expected benefit payments? If "Yes," see instructions regarding required attachment... Yes No

27 If the plan is subject to alternative funding rules, enter applicable code and see instructions regarding attachment..... **27**

Part VII Reconciliation of Unpaid Minimum Required Contributions For Prior Years

28 Unpaid minimum required contributions for all prior years	28	0
29 Discounted employer contributions allocated toward unpaid minimum required contributions from prior years (line 19a).....	29	0
30 Remaining amount of unpaid minimum required contributions (line 28 minus line 29).....	30	0

Part VIII Minimum Required Contribution For Current Year

31 Target normal cost and excess assets (see instructions):

a Target normal cost (line 6c)	31a	156564
b Excess assets, if applicable, but not greater than line 31a	31b	156564

32 Amortization installments:	Outstanding Balance	Installment
a Net shortfall amortization installment	0	0
b Waiver amortization installment.....		

33 If a waiver has been approved for this plan year, enter the date of the ruling letter granting the approval (Month _____ Day _____ Year _____) and the waived amount..... **33**

34 Total funding requirement before reflecting carryover/prefunding balances (lines 31a - 31b + 32a + 32b - 33).....	34	0
	Carryover balance	Prefunding balance
35 Balances elected for use to offset funding requirement	0	0
36 Additional cash requirement (line 34 minus line 35)	36	0
37 Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c)	37	0

38 Present value of excess contributions for current year (see instructions)

a Total (excess, if any, of line 37 over line 36)	38a	0
b Portion included in line 38a attributable to use of prefunding and funding standard carryover balances.....	38b	0

39 Unpaid minimum required contribution for current year (excess, if any, of line 36 over line 37)	39	0
40 Unpaid minimum required contributions for all years	40	0

Part IX Pension Funding Relief Under the American Rescue Plan Act of 2021 (See Instructions)

41 If an election was made to use the extended amortization rule for a plan year beginning on or before December 31, 2021, check the box to indicate the first plan year for which the rule applies. 2019 2020 2021

**Plan Name: Missouri State Medical Association Defined Benefit Pension Plan
 EIN 43-063112 , PN 001
 2024 Schedule SB, Line 26 – Schedule of Active Participant Data**

The number of active participants, summarized by attained age and years of credited service as of , is shown below.

Age	Years of Credited Service										Total	
	0	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40+		
0-24	-	-	-	-	-	-	-	-	-	-	-	-
25-29	-	-	-	-	-	-	-	-	-	-	-	-
30-34	-	-	-	-	-	-	-	-	-	-	-	-
35-39	-	-	-	-	-	-	-	-	-	-	-	-
40-44	-	-	-	-	-	-	-	-	-	-	-	-
45-49	-	-	1	-	-	-	-	-	-	-	-	1
50-54	-	-	-	-	1	1	-	-	-	-	-	2
55-59	-	-	-	-	-	-	1	-	-	-	-	1
60-64	-	-	1	-	-	-	-	-	-	-	-	1
65-69	-	-	-	-	-	-	-	-	-	-	-	-
70+	-	-	-	-	-	1	-	-	-	-	-	1
Total	-	-	2	-	1	2	1	-	-	-	-	6

**Plan Name: Missouri State Medical Association Defined Benefit Pension Plan
EIN 43-063112 , PN 001
2024 Schedule SB, Part V – Statement of Actuarial Assumptions / Methods**

Summary of Actuarial Methods

Actuarial Funding Method

Unit Credit. The normal cost for each participant is the present value of the benefit earned during year. The Accrued Liability for each participant is the present value of the participant's accrued benefit as of the valuation date. The plan normal cost and accrued liability are the respective sums for all participants.

Actuarial Value of Assets

Adjusted Fair Market Value of Assets

Amortization Method

For the Plan's ERISA funding requirements, incremental Funding Shortfall amounts are amortized over a fifteen-year period, and the related shortfall amortization payment is determined on the first valuation date following the plan year in which it arises based on the segment rates used for ERISA minimum funding purposes on that date, as prescribed under IRC Section 430. All prior shortfall amortizations were eliminated effective with the 2021 valuation as the Plan Sponsor elected to apply the provisions of Section 9705 of the American Rescue Plan Act of 2021 for the 2021 plan year.

Summary of Actuarial Assumptions

ECONOMIC ASSUMPTIONS

Interest Rates

The funding interest rates are prescribed under IRS regulations based on the Plan Sponsor's interest rate election. The current funding interest rates are as follows.

	Minimum Funding	Maximum Deductible
Segment 1 (0–5 years)	4.75%	3.62%
Segment 2 (5–20 years)	4.87%	4.46%
Segment 3 (20+ years)	5.59%	4.52%
Effective Interest Rate	5.20%	4.47%

ERISA minimum funding: 24-month average segment rates adjusted to reflect the applicable segment rate stabilization corridor.

Maximum Deductible Contribution: 24-month average segment rates, using a four-month lookback period, but not adjusted to reflect segment rate stabilization.

FASB ASC Topic 960: 6.50% per annum

Asset Returns

ERISA minimum funding, Maximum Deductible Contribution and FASB ASC Topic 960: 6.50% per annum

**Plan Name: Missouri State Medical Association Defined Benefit Pension Plan
EIN 43-063112 , PN 001
2024 Schedule SB, Part V – Statement of Actuarial Assumptions / Methods**

Compensation Increases

Salaries are assumed to increase at the rate of 3.75% per annum (effective January 1, 2019).

Social Security Projections

Annual rate of wage base increase assumed 3.25% per annum.

Expenses

The prior year administrative expenses in addition to Normal Cost.

DEMOGRAPHIC ASSUMPTIONS

Mortality

ERISA minimum funding, Maximum Deductible Contribution, and FASB ASC Topic 960: 2024 Current Liability Mortality Table, male and female rates with no rates before benefit commencement and annuitant rates after benefit commencement. 2024 417(e) Unisex Mortality table for lump sums.

Withdrawal

None assumed.

Retirement Age

Participants are assumed to retire at Normal Retirement Age.

Spouse Information

100% of the Participants are assumed to be married, and the female spouse is assumed to be 3 years younger than the male.

Disability

None assumed.

Plan Name: Missouri State Medical Association Defined Benefit Pension Plan
EIN 43-063112 , PN 001
2024 Schedule SB, Part V – Summary of Plan Provisions

The following is a summary of the plan provisions on which this valuation is based.

Definitions

Accrued Benefit: A benefit determined in the same manner as the normal retirement benefit multiplied by a fraction (no greater than 1) defined as total benefit service over the smaller of benefit service projected to Normal Retirement and 25. Effective January 1, 2025, no participant can accrue additional benefit service.

Effective Date: The Plan was originally effective April 1, 1959. It was last restated April 1, 2011.

Average Compensation: The average of a Participant's highest three consecutive years of compensation.

Covered Compensation: The Social Security Taxable Wage Base based on the participant's year of birth effective five years prior to valuation date rounded to the nearest \$600.

Eligibility

Any employee shall enter the plan on January 1 or July 1 following the attainment of age 21 and 1 year of Eligibility Service. Effective January 13, 2020, no new participants may enter the Plan.

Normal Retirement

Eligibility: March 31 nearest age 65

Benefit: A fraction defined as benefit service projected to Normal Retirement over 35 (but no greater than 1) multiplied by the sum of the following:

- a) 70% of Average Compensation up to Covered Compensation and
- b) 92.75% of Average Compensation over Covered Compensation

Early Retirement

Eligibility: Upon date of termination

Benefit: The actuarial equivalent of the accrued benefit.

Form of Benefit: The participant can receive their accrued benefit prior to Normal Retirement in the form of a lump sum or a 50% Joint and Survivor annuity with 50% of the annuity being payable to a surviving beneficiary for life after the participant's death.

Deferred Retirement

Eligibility: Continued employment beyond normal retirement

Benefit: A monthly benefit equal to greater of the normal retirement benefit actuarially increased to deferred retirement date, or the accrued benefit at deferred retirement date using years of service and final average compensation on deferred retirement date.

Death Benefit

Eligibility: Death of a married participant with a vested benefit

Benefit: A monthly amount equal to the actuarial equivalent of the participant's accrued benefit as of the participant's death and paid for the lifetime of the beneficiary.

**Plan Name: Missouri State Medical Association Defined Benefit Pension Plan
EIN 43-063112 , PN 001
2024 Schedule SB, Part V – Summary of Plan Provisions**

Vested Termination Benefit

A monthly benefit equal to the accrued benefit multiplied by the appropriate vesting percentage:

Years of Vesting Service	Vesting Percentage
Less than 2	0%
2 but less than 3	20%
3 but less than 4	40%
4 but less than 5	60%
5 but less than 6	80%
6 or more	100%

However, a participant's vesting percentage will be 100% upon reaching age 65 or death while employed by the Employer.

Form of Normal Retirement Benefit

Normal Form: Life Only Annuity

Optional Forms:

- (a) 50% Joint and Survivor annuity* with 50% of the annuity being payable to a surviving beneficiary for life after the participant's death
- (b) 66 2/3%, 75% or 100% contingent annuitant annuity with the applicable percentage of the annuity being payable to a surviving beneficiary for life after the participant's death
- (c) 60 or 120 month certain and life annuity
- (d) Lump Sum

*Automatic form for married participants

Actuarially Equivalent: The plan's definition of Actuarially Equivalent is 6% and 1983 IAM (male).

**Plan Name: Missouri State Medical Association Defined Benefit Pension Plan
EIN 43-063112 , PN 001**

2024 Schedule SB, Line 22 – Description of Weighted Average Retirement Age

Retirement at Normal Retirement Age or age nearest birthday on actuarial valuation date.

**SCHEDULE SB
(Form 5500)**

Department of the Treasury
Internal Revenue Service
Department of Labor
Employee Benefits Security Administration
Pension Benefit Guaranty Corporation

**Single-Employer Defined Benefit Plan
Actuarial Information**

This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6059 of the Internal Revenue Code (the Code).

▶ **File as an attachment to Form 5500 or 5500-SF.**

OMB No. 1210-0110

2024

**This Form is Open to Public
Inspection**

For calendar plan year 2024 or fiscal plan year beginning 01/01/2024 and ending 12/31/2024

▶ **Round off amounts to nearest dollar.**

▶ **Caution:** A penalty of \$1,000 will be assessed for late filing of this report unless reasonable cause is established.

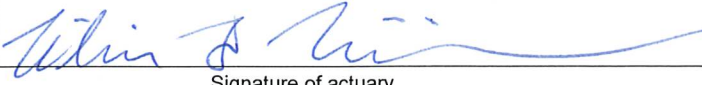
A Name of plan <u>MISSOURI STATE MEDICAL ASSOCIATION DEFINED BENEFIT PENSION PLAN</u>		B Three-digit plan number (PN) ▶ <u>001</u>
C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF <u>MISSOURI STATE MEDICAL ASSOCIATION</u>		D Employer Identification Number (EIN) <u>43-0631112</u>
E Type of plan: <input checked="" type="checkbox"/> Single <input type="checkbox"/> Multiple-A <input type="checkbox"/> Multiple-B		F Prior year plan size: <input checked="" type="checkbox"/> 100 or fewer <input type="checkbox"/> 101-500 <input type="checkbox"/> More than 500

Part I Basic Information

1 Enter the valuation date: Month <u>01</u> Day <u>01</u> Year <u>2024</u>			
2 Assets:			
a Market value	2a	<u>5754691</u>	
b Actuarial value	2b	<u>5754691</u>	
3 Funding target/participant count breakdown	(1) Number of participants	(2) Vested Funding Target	(3) Total Funding Target
a For retired participants and beneficiaries receiving payment	<u>4</u>	<u>1906357</u>	<u>1906357</u>
b For terminated vested participants	<u>4</u>	<u>1302688</u>	<u>1302688</u>
c For active participants	<u>6</u>	<u>1696034</u>	<u>1738917</u>
d Total	<u>14</u>	<u>4905079</u>	<u>4947962</u>
4 If the plan is in at-risk status, check the box and complete lines (a) and (b)..... <input type="checkbox"/>			
a Funding target disregarding prescribed at-risk assumptions	4a		
b Funding target reflecting at-risk assumptions, but disregarding transition rule for plans that have been in at-risk status for fewer than five consecutive years and disregarding loading factor	4b		
5 Effective interest rate	5	<u>5.20 %</u>	
6 Target normal cost			
a Present value of current plan year accruals	6a	<u>128597</u>	
b Expected plan-related expenses	6b	<u>27967</u>	
c Target normal cost	6c	<u>156564</u>	

Statement by Enrolled Actuary

To the best of my knowledge, the information supplied in this schedule and accompanying schedules, statements and attachments, if any, is complete and accurate. Each prescribed assumption was applied in accordance with applicable law and regulations. In my opinion, each other assumption is reasonable (taking into account the experience of the plan and reasonable expectations) and such other assumptions, in combination, offer my best estimate of anticipated experience under the plan.

SIGN HERE		<u>9/24/2025</u>
	Signature of actuary	Date
<u>WILLIAM D WINNINGHAM</u>	Type or print name of actuary	<u>23-06367</u>
		Most recent enrollment number
<u>MILLIMAN, INC.</u>	Firm name	<u>314-231-3031</u>
		Telephone number (including area code)
<u>500 NORTH BROADWAY SUITE 1750 ST. LOUIS, MO 63102</u>	Address of the firm	

If the actuary has not fully reflected any regulation or ruling promulgated under the statute in completing this schedule, check the box and see instructions

For Paperwork Reduction Act Notice, see the Instructions for Form 5500 or 5500-SF.

Schedule SB (Form 5500) 2024
v. 240311

Part II Beginning of Year Carryover and Prefunding Balances		(a) Carryover balance	(b) Prefunding balance
7	Balance at beginning of prior year after applicable adjustments (line 13 from prior year)	0	141323
8	Portion elected for use to offset prior year's funding requirement (line 35 from prior year)		0
9	Amount remaining (line 7 minus line 8)	0	141323
10	Interest on line 9 using prior year's actual return of <u>7.47</u> %	0	10557
11	Prior year's excess contributions to be added to prefunding balance:		
	a Present value of excess contributions (line 38a from prior year)		9953
	b(1) Interest on the excess, if any, of line 38a over line 38b from prior year Schedule SB, using prior year's effective interest rate of <u>5.36</u> %		533
	b(2) Interest on line 38b from prior year Schedule SB, using prior year's actual return		0
	c Total available at beginning of current plan year to add to prefunding balance		10486
	d Portion of (c) to be added to prefunding balance		0
12	Other reductions in balances due to elections or deemed elections	0	0
13	Balance at beginning of current year (line 9 + line 10 + line 11d - line 12)	0	151880

Part III Funding Percentages			
14	Funding target attainment percentage	14	113.23%
15	Adjusted funding target attainment percentage	15	116.30%
16	Prior year's funding percentage for purposes of determining whether carryover/prefunding balances may be used to reduce current year's funding requirement	16	119.55%
17	If the current value of the assets of the plan is less than 70 percent of the funding target, enter such percentage.	17	%

Part IV Contributions and Liquidity Shortfalls					
18 Contributions made to the plan for the plan year by employer(s) and employees:					
(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees	(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees
Totals ▶			18(b)		18(c)

19	Discounted employer contributions – see instructions for small plan with a valuation date after the beginning of the year:		
	a Contributions allocated toward unpaid minimum required contributions from prior years	19a	0
	b Contributions made to avoid restrictions adjusted to valuation date	19b	0
	c Contributions allocated toward minimum required contribution for current year adjusted to valuation date	19c	0
20	Quarterly contributions and liquidity shortfalls:		
	a Did the plan have a "funding shortfall" for the prior year?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
	b If line 20a is "Yes," were required quarterly installments for the current year made in a timely manner?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
	c If line 20a is "Yes," see instructions and complete the following table as applicable:		

Liquidity shortfall as of end of quarter of this plan year			
(1) 1st	(2) 2nd	(3) 3rd	(4) 4th

Part V Assumptions Used to Determine Funding Target and Target Normal Cost

21 Discount rate:				
a Segment rates:	1st segment: 4.75%	2nd segment: 4.87%	3rd segment: 5.59%	<input type="checkbox"/> N/A, full yield curve used
b Applicable month (enter code)				21b 4
22 Weighted average retirement age				22 65
23 Mortality table(s) (see instructions)	<input checked="" type="checkbox"/> Prescribed - combined <input type="checkbox"/> Prescribed - separate <input type="checkbox"/> Substitute			

Part VI Miscellaneous Items

24 Has a change been made in the non-prescribed actuarial assumptions for the current plan year? If "Yes," see instructions regarding required attachment.....	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
25 Has a method change been made for the current plan year? If "Yes," see instructions regarding required attachment.....	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
26 Demographic and benefit information		
a Is the plan required to provide a Schedule of Active Participants? If "Yes," see instructions regarding required attachment.....	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
b Is the plan required to provide a projection of expected benefit payments? If "Yes," see instructions regarding required attachment...	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
27 If the plan is subject to alternative funding rules, enter applicable code and see instructions regarding attachment.....	27	

Part VII Reconciliation of Unpaid Minimum Required Contributions For Prior Years

28 Unpaid minimum required contributions for all prior years	28	0
29 Discounted employer contributions allocated toward unpaid minimum required contributions from prior years (line 19a).....	29	0
30 Remaining amount of unpaid minimum required contributions (line 28 minus line 29).....	30	0

Part VIII Minimum Required Contribution For Current Year

31 Target normal cost and excess assets (see instructions):			
a Target normal cost (line 6c)	31a	156564	
b Excess assets, if applicable, but not greater than line 31a	31b	156564	
32 Amortization installments:	Outstanding Balance		Installment
a Net shortfall amortization installment	0		0
b Waiver amortization installment			
33 If a waiver has been approved for this plan year, enter the date of the ruling letter granting the approval (Month _____ Day _____ Year _____) and the waived amount	33		
34 Total funding requirement before reflecting carryover/prefunding balances (lines 31a - 31b + 32a + 32b - 33)....	34	0	
		Carryover balance	Prefunding balance
35 Balances elected for use to offset funding requirement		0	0
36 Additional cash requirement (line 34 minus line 35)	36	0	
37 Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c)	37	0	
38 Present value of excess contributions for current year (see instructions)			
a Total (excess, if any, of line 37 over line 36)	38a	0	
b Portion included in line 38a attributable to use of prefunding and funding standard carryover balances.....	38b	0	
39 Unpaid minimum required contribution for current year (excess, if any, of line 36 over line 37)	39	0	
40 Unpaid minimum required contributions for all years	40	0	

Part IX Pension Funding Relief Under the American Rescue Plan Act of 2021 (See Instructions)

41 If an election was made to use the extended amortization rule for a plan year beginning on or before December 31, 2021, check the box to indicate the first plan year for which the rule applies. <input type="checkbox"/> 2019 <input type="checkbox"/> 2020 <input checked="" type="checkbox"/> 2021
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