West Virginia Emergency Medical Services' Retirement System

Administered by The West Virginia Consolidated Public Retirement Board

2021

Audited Schedules of Employer Allocations and Pension Amounts by Employer

Serving Those Who Serve West Virginia

As of and for the Year Ended June 30, 2021



West Virginia Emergency Medical Services' Retirement System Audited Schedules of Employer Allocations and Pension Amounts By Employer As of and for the Year Ended June 30, 2021

TABLE OF CONTENTS

	Page
Independent Auditor's Report	1 - 2
Schedule of Employer Allocations	3
Schedule of Pension Amounts By Employer	4
Notes to Schedules of Employer Allocations and Pension Amounts By Employer	5 - 11



Independent Auditor's Report

To the Members of the West Virginia Consolidated Public Retirement Board Charleston, West Virginia

Report on Schedule of Allocations and Pension Amounts by Employer

We have audited the accompanying schedule of employer allocations of the West Virginia Emergency Medical Services' Retirement System (EMSRS), administered by the West Virginia Consolidated Public Retirement Board, as of and for the year ended June 30, 2021, and related notes. We have also audited the total for the columns titled net pension asset (liability), total deferred outflows of resources, total deferred inflows of resources and total employer pension expense (expense offset) (specified column totals) included in the accompanying schedule of pension amounts by employer (collectively the Schedules) of EMSRS as of and for the year ended June 30, 2021, and related notes.

Management's Responsibility for the Schedules

Management is responsible for the preparation and fair presentation of the Schedules in accordance with accounting principles generally accepted in the United States of America; this includes design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of the Schedules that is free from material misstatement, whether due to fraud or error.

Auditor's Responsibility

Our responsibility is to express opinions on the schedule of employer allocations and specified column totals included in the schedule of pension amounts by employer based on our audit. We conducted our audit in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the schedule of employer allocations and specified column totals included in the schedule of pension amounts by employer are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the schedule of employer allocations and specified column totals included in the schedule of pension amounts by employer. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the schedule of employer allocations and specified column totals included in the schedule of pension amounts by employer, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the schedule of employer allocations and specified column totals included in the schedule of pension amounts by employer in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the schedule of employer allocations and specified column totals included in the schedule of pension amounts by employer.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinions.

Opinions

In our opinion, the Schedules referred to above present fairly, in all material respects, the employer allocations and net pension asset (liability), total deferred outflows of resources total deferred inflows of resources, and total employer pension expense (expense offset) for the West Virginia Emergency Medical Services' Retirement System, as of and for the year ended June 30, 2021, in accordance with accounting principles generally accepted in the United States of America.

Other Matters

We have audited, in accordance with auditing standards generally accepted in the United States of America, the financial statements of the West Virginia Consolidated Public Retirement Board as of and for the year ended June 30, 2021, and our report thereon, dated October 13, 2021, expressed an unmodified opinion on those financial statements.

Restriction on Use

Our report is intended solely for the information and use of the West Virginia Consolidated Public Retirement Board's management, the West Virginia Emergency Medical Services' Retirement System's participating employers and their auditors and is not intended to be and should not be used by anyone other than these specified parties.

Sally LLP
Boise, Idaho
March 9, 2022

Schedule of Employer Allocations As of and for the Year Ended June 30, 2021

Employer Number	Employer Name	Employer ntributions	Employer Allocation Percentage
M00001	Berkely County Emergency Ambulance Authority	\$ 273,333	7.758276%
M00002	Boone County Ambulance Authority	159,964	4.540414%
M00003	Brooke County Commission	27,870	0.791061%
M00004	Cabell County Commission	774,186	21.974474%
M00005	Clay County Emergency Ambulance Authority	19,286	0.547413%
M00006	Gilmer County Ambulance Service	26,247	0.744994%
M00008	Jackson County Emergency Medical Services	182,171	5.170737%
M00009	Jefferson County Emergency Services Agency	205,549	5.834297%
M00010	Kanawha County Emergency Ambulance Authority	1,008,210	28.617007%
M00011	Logan County Emergency Ambulance Service Authority	192,762	5.471351%
M00012	Putnam County Emergency Medical Services	219,424	6.228125%
M00013	Randolph County Emergency Squad	159,686	4.532523%
M00014	Weston-Lewis County Emergency Ambulance Service Authority	64,279	1.824493%
M00015	Wetzel County Emergency Ambulance Authority	48,672	1.381505%
M00016	Hardy County Emergency Ambulance Authority	48,350	1.372365%
M00017	Tucker County Ambulance Authority	50,196	1.424762%
M01200	Grant County Ambulance	 62,930	1.786203%
		\$ 3,523,115	100.000000%

The accompanying notes are an integral part of this schedule

WEST VIRGINIA EMERGENCY MEDICAL SERVICES' RETIREMENT SYSTEM Schedule of Pension Amounts by Employer As of and for the Year Ended June 30, 2021

		Total Employer Pension	Expense (Offset)	\$ (171,628)	(97,113)	(13,860)	(495,291)	(9,827)	(19,419)	(98,298)	(121,301)	(711,301)	(116,666)	(137,946)	(91,823)	(34,440)	(26,092)	(39,738)	(45,788)	(26,469)	\$ (2,257,000)
Pension Expense	Net Amortization of Deferred Amounts from Changes in Proportion and Differences	Between Employer Contributions and Proportionate Share	of Contributions	3,476	5,364	3,994	673	2,528	(2,604)	18,406	10,379	(65,416)	6,822	2,623	10,476	6,739	5,089	(8,764)	(13,631)	13,846	.1
] Proportionate	Share of B Allocable (Pension Pa	Expense	\$ (175,104) \$	(102,477)	(17,854)	(495,964)	(12,355)	(16,815)	(116,704)	(131,680)	(645,885)	(123,488)	(140,569)	(102,299)	(41,179)	(31,181)	(30,974)	(32,157)	(40,315)	\$ (2,257,000) \$
		Total Deferred Inflows of	Resources	\$ (1,238,882)	(734,915)	(127,518)	(3,541,745)	(87,810)	(123,544)	(824,940)	(935,827)	(4,645,405)	(877, 184)	(997,662)	(722,031)	(290,779)	(221,175)	(243,345)	(270,025)	(288,647)	(261,434) \$ (16,171,434)
Deferred Inflows of Resources	Changes in Proportion and Differences Between Employer	Contributions and Proportionate Share of	Contributions	(4,541)	(12,535)	(1,660)	(45,607)	(717)	(5,015)	(2,276)	(7,590)	(92,439)	(6,692)	(6,767)	(906)	(203)	(1,377)	(25,001)	(43,345)	(4,463)	
Deferred Inflo	Net Difference Between Projected and Actual	Investment Earnings on a Pension Plan	Investments	\$ (1,165,448) \$	(682,061)	(118,833)	(3,301,005)	(82,232)	(111,913)	(776, 748)	(876,428)	(4,298,848)	(821,906)	(935,589)	(680,876)	(274,075)	(207,530)	(206, 157)	(214,028)	(268,323)	\$ (888,000) \$ (15,022,000) \$
	Differences	Between Expected and Actual	Experience	\$ (68,893)	(40,319)	(7,025)	(195,133)	(4,861)	(6,616)	(45,916)	(51,809)	(254,118)	(48,586)	(55,306)	(40,249)	(16,201)	(12,268)	(12,187)	(12,652)	(15,861)	(888,000)
		Total Deferred Outflows of	Resources	\$ 598,306	383,129	66,198	1,675,741	43,708	59,317	418,385	457,658	2,185,807	445,547	492,602	359,169	151,741	119,918	103,943	107,912	166,353	\$ 7,835,434
Deferred Outflows of Resources	Changes in Proportion and Differences Between Employer	Contributions and Proportionate Share of	Contributions	\$ 10,694	39,238	6,283	11,395	2,247	2,891	26,753	15,768	18,355	31,147	20,884	15,876	13,554	15,283			31,066	\$ 261,434
Deferred Outf		Changes in	Assumptions	\$ 284,341	166,406	28,992	805,364	20,063	27,304	189,508	213,827	1,048,813	200,525	228,261	166,117	898'99	50,632	50,297	52,218	65,464	\$ 3,665,000
	Differences	Between Expected and Actual	Experience	\$ 303,271	177,485	30,923	858,982	21,398	29,122	202,124	228,063	1,118,639	213,875	243,457	177,176	71,319	54,003	53,646	55,694	69,823	\$ 3,909,000
		Net Pension Asset	(Liability)	\$ 1,405,412	822,496	143,301	3,980,676	99,164	134,956	936,679	1,056,883	5,183,968	991,135	1,128,225	821,067	330,507	250,260	248,604	258,096	323,571	\$ 18,115,000
		Employer	Number	M00001	M00002	M00003	M00004	M00005	M000006	M00008	M00009	M00010	M00011	M00012	M00013	M00014	M00015	M00016	M00017	M01200	

NOTES TO SCHEDULES OF EMPLOYER ALLOCATIONS AND PENSION AMOUNTS BY EMPLOYER

1 - NATURE OF ENTITY

The Emergency Medical Services Retirement System (EMSRS) is a multiple employer defined benefit cost sharing retirement system. The EMSRS Act was passed by the West Virginia Legislature in March 2007. The legislation provided for a voluntary participation election of eligible emergency medical service officers and mandated that certain participation levels be reached by December 31, 2007, in order for the provisions of EMSRS to become effective. At the close of the election period, fifteen licensed EMS public employers, consisting of twelve eligible Public Employees Retirement System (PERS) political subdivisions and three eligible Non-PERS political subdivisions, passed corporate resolutions to become participating public employers of this retirement system. Statewide, over five hundred eligible Emergency Medical Services Officers elected to opt into this new retirement plan. The WV Emergency Medical Services Retirement System (EMSRS) became effective January 1, 2008.

The West Virginia State Legislature created the Consolidated Public Retirement Board (the Board) to administer ten of the State of West Virginia's eleven retirement plans. The Board is managed by a Board of Trustees, which consists of, by virtue of their position, the Governor, State Auditor, State Treasurer, and Secretary of the Department of Administration, together with the following gubernatorial appointments that are subject to the advice and consent of the State Senate: four residents of the State who are not participants in the retirement plans, one State and one non-State employee participant in the Public Employees' Retirement System, and one participant each from the other nine retirement systems administered by the Board.

Chapter 16, Article 5V of the West Virginia State Code assigns the authority to establish and amend the provisions of the plan to the State Legislature.

2 - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

<u>Introduction</u> - The Government Accounting Standards Board (GASB) Statement No. 68, *Accounting and Financial Reporting for Pensions*, establishes financial reporting requirements for governments that provide employees with pension benefits. GASB Statement No. 68 requires governmental employers to recognize a net pension liability and/or a net pension asset as employees earn pension benefits. Governments participating in EMSRS will recognize their proportionate share of the collective pension amounts for all benefits provided through the plan.

Basis of Accounting - The schedules of employer allocations and pension amounts by employer of the EMSRS have been prepared in conformity with accounting principles generally accepted in the United States of America (GAAP) as applied to governmental units. The GASB is the accepted standard setting body for establishing governmental accounting and financial reporting principles for governmental units.

NOTES TO SCHEDULES OF EMPLOYER ALLOCATIONS AND PENSION AMOUNTS BY EMPLOYER (Continued)

2 - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

<u>Basis of Allocation</u> - Pension amounts have been allocated to each participating employer based on their proportionate share of employer contributions to the EMSRS for the fiscal year ended June 30, 2021. Employer contributions are recognized when due. Retroactive service, military service, out of state service, and back pay employer contributions related to prior fiscal years have been excluded from the allocation.

<u>Accounting Estimates</u> - The preparation of the schedule of employer allocations and pension amounts by employer in accordance with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts of net pension asset, deferred inflows of resources, deferred outflows of resources, and pension expense as of the measurement date. Actual amounts could differ from those estimates.

<u>Investments</u> - All defined benefit plan funds not required to meet disbursement needs are invested in accordance with the West Virginia Code, as well as policies established by the West Virginia Investment Management Board (WVIMB). The WVIMB has established various investment pools to provide for the investment of the defined benefit plans' assets. These investment pools are structured as multiparticipant variable net asset funds.

The WVIMB was organized on April 25, 1997, as a public body corporate created by West Virginia Code Section 12-6-1 to provide prudent fiscal administration and investment management services to designated state pension funds, the state's Workers' Compensation and Coal Workers' Pneumoconiosis funds, and certain other state government funds. The WVIMB is governed by a Board of Trustees, consisting of thirteen members. The Governor, the State Auditor, and the State Treasurer are ex officio members of the Board of Trustees. The Governor appoints all other WVIMB Trustees for a term of six years.

<u>Measurement Date</u> - Net pension asset, deferred inflows of resources, deferred outflows of resources, and pension expense were determined by actuarial valuations as of July 1, 2020 rolled forward to June 30, 2021, which is the measurement date.

3 - AMORTIZATION

The net difference between projected and actual investment earnings on pension plan investments is amortized over a five-year period. All other deferred outflows of resources and deferred inflows of resources relating to pension amounts reported in these schedules are amortized and included in pension expense over the average expected remaining service life of 4.18 years.

NOTES TO SCHEDULES OF EMPLOYER ALLOCATIONS AND PENSION AMOUNTS BY EMPLOYER (Continued)

3 - AMORTIZATION (Continued)

The amortization of the deferred outflows and deferred inflows related to changes in the proportionate share of contributions from year to year each entity is available from the West Virginia Consolidated Public Retirement Board.

Information regarding the amortization of deferred outflows and deferred inflows of resources related to pension amounts are as follows.

Net Difference Between Protected and Actual Investment Earnings on Pension Plan Investments (in thousands, excluding the recognition period):

						Deferred	Deferred	
						Outflows of	Inflows of	
Measurement date June 30	2017	2018	2019	2020	2021	Resources	Resources	Total
Amount	\$(4,914)	\$(1,406)	\$1,287	\$3,677	\$ (21,828)			
Recognition period (years)	5.00	5.00	5.00	5.00	5.00			
Amount recognized in								
fiscal year:								
2017	\$ (983)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (983)	\$ (983)
2018	(983)	(282)	-	-	-	-	(1,265)	(1,265)
2019	(983)	(282)	258	-	-	258	(1,265)	(1,007)
2020	(983)	(282)	258	736	-	994	(1,265)	(271)
2021	(982)	(282)	258	736	(4,366)	994	(5,630)	(4,636)
2022	-	(278)	258	736	(4,366)	994	(4,644)	(3,650)
2023	-	-	255	736	(4,366)	991	(4,366)	(3,375)
2024	-	-	-	733	(4,366)	733	(4,366)	(3,633)
2025					(4,364)	-	(4,364)	(4,364)
Balance as of June 30:								
2017	\$ (3,931)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (3,931)	\$ (3,931)
2018	(2,948)	(1,124)	-	-	-	-	(4,072)	(4,072)
2019	(1,965)	(842)	1,029	_	_	1,029	(2,807)	(1,778)
2020	(982)	(560)	771	2,941	_	3,712	(1,542)	2,170
2021	-	(278)	513	2,205	(17,462)	2,718	(17,740)	(15,022)
2022	_	-	255	1,469	(13,096)	1,724	(13,096)	(11,372)
2023	_	-	-	733	(8,730)	733	(8,730)	(7,997)
2024	_	_	-	_	(4.364)	-	(4.364)	(4.364)

NOTES TO SCHEDULES OF EMPLOYER ALLOCATIONS AND PENSION AMOUNTS BY EMPLOYER (Continued)

3 - AMORTIZATION (Continued)

<u>Differences Between Expected and Actual Experience (in thousands, excluding the recognition period):</u>

Macaurament data Luna 20	9	015	2016	ć	0017	c	0010		2010	·	2020	o	021	O	Deferred utflows of Resources	Inf	eferred lows of sources		Total
Measurement date June 30			2016	_	2017	_	2018	_	2019	_		_			esources	ne	sources	_	1 Otal
Amount	\$ (.	1,067)	\$724	\$ (1,079)	\$.	1,147	\$	\$ (2,208)	\$	2,317	\$ 3	3,073						
Recognition period (years)		8.00	7.80		4.74		4.63		4.58		4.35		4.18						
Amount recognized in																			
fiscal year:																			
2015	\$	(134)	\$ -	\$	-	\$	-	\$	\$ -	\$	-	\$	-	\$	-	\$	(134)	\$	(134)
2016		(134)	93		-		-		-		-		-		93		(134)		(41)
2017		(134)	93		(228)		-		-		-		-		93		(362)		(269)
2018		(134)	93		(228)		248		-		-		-		341		(362)		(21)
2019		(134)	93		(228)		248		(483)		-		-		341		(845)		(504)
2020		(134)	93		(228)		248		(483)		533		-		874		(845)		29
2021		(134)	93		(167)		248		(483)		533		736		1,610		(784)		826
2022		(129)	93		-		155		(483)		533		736		1,517		(612)		905
2023		-	73		-		-		(276)		533		736		1,342		(276)		1,066
2024		-	-		-		-		-		185		736		921		-		921
2025		-	-		-		-		-		-		129		129		-		129
Balance as of June 30:																			
2015	\$	(933)	•	\$	-	\$	-	\$	β -	\$	-	\$	-	\$	-	\$	(933)	\$	(933)
2016		(799)	631		-		-		-		-		-		631		(799)		(168)
2017		(665)	538		(851)		-		-		-		-		538		(1,516)		(978)
2018		(531)	445		(623)		899		-		-		-		1,344		(1,154)		190
2019		(397)	352		(395)		651		(1,725)		-		-		1,003		(2,517)		(1,514)
2020		(263)	259		(167)		403		(1,242)		1,784		-		2,446		(1,672)		774
2021		(129)	166		-		155		(759)		1,251		2,337		3,909		(888)		3,021
2022		-	73		-		-		(276)		718	1	,601		2,392		(276)		2,116
2023		-	-		-		-		-		185		865		1,050		-		1,050
2024		-	-		-		-		-		-		129		129		-		129

NOTES TO SCHEDULES OF EMPLOYER ALLOCATIONS AND PENSION AMOUNTS BY EMPLOYER (Continued)

3 - AMORTIZATION (Continued)

Change in Assumptions (in thousands, excluding the recognition period):

Measurement date June 30 Amount Recognition period (years)	2017 \$ (792) 4.74		Deferred Outflows of Resources	Deferred Inflows of Resources	<u>Total</u>
Amount recognized in					
fiscal year:					
2017	\$ (168)	\$ -	\$ -	\$ (168)	\$ (168)
2018	(168)	-	-	(168)	(168)
2019	(168)	-	-	(168)	(168)
2020	(168)	-	-	(168)	(168)
2021	(120)	1,153	1,153	(120)	1,033
2022	-	1,153	1,153	-	1,153
2023	-	1,153	1,153	-	1,153
2024	-	1,153	1,153	-	1,153
2025	-	206	206	-	206
Balance as of June 30:					
2017	\$ (624)	\$ -	\$ -	\$ (624)	\$ (624)
2018	(456)	-	-	(456)	(456)
2019	(288)	-	-	(288)	(288)
2020	(120)	-	-	(120)	(120)
2021	-	3,665	3,665	-	3,665
2022	-	2,512	2,512	-	2,512
2023	-	1,359	1,359	-	1,359
2024	-	206	206	-	206

4 - PENSION EXPENSE

The components of pension expense (offset) for the year ended June 30, 2021 (in thousands):

Service cost	\$ 3,431
Interest cost	6,668
Projected earnings on plan investments	(6,737)
Employee contributions	(2,842)
Recognition of current period deferred outflows/inflows:	
Changes in assumptions	1,153
Differences between expected and actual experience	736
Differences between projected and actual investment earnings	(4,366)
Recognition of prior years' deferred outflows/inflows:	
Changes in assumptions	(120)
Differences between expected and actual experience	90
Differences between projected and actual investment earnings	 (270)
Total pension expense (offset)	\$ (2,257)

NOTES TO SCHEDULES OF EMPLOYER ALLOCATIONS AND PENSION AMOUNTS BY EMPLOYER

(Continued)

5 - NET PENSION ASSET (LIABILITY) AND ACTUARIAL INFORMATION

The net pension asset (liability) is the portion of the actuarial present value of projected benefit payments related to past periods, net of the fiduciary net position. The net pension asset (liability) for the employers is based on the allocation percentages from the Schedule of Employer Allocations.

The components of the net pension asset (liability) as of June 30, 2021, are as follows (in thousands):

Total Pension Liability \$ (101,106) Fiduciary Net Position \$ 119,221 Net Pension Asset (Liability) \$ 18,115

Fidcuiary Net Position as a percent

of Total Pension Liability 117.92%

The total pension liabilities for financial reporting purposes were determined by actuarial valuation as of July 1, 2020 and rolled forward to June 30, 2021 using the actuarial assumptions and methods described, as follows:

Actuarial cost method Individual entry age normal cost with level percentage of payroll

Asset valuation method Fair value

Amortization method Level dollar, fixed period Amortization Period 10 years from July 2020

Actuarial assumptions:

Investment rate of return 7.25%, net of investment expense

Projected salary increases By age from 5.00% at age 30; declining to 3.00% at age 65

Inflation rate 2.75% Discount rate 7.25%

Mortality rates Active - 100% of Pub-2010 Safety Employee Table, Amount-weighted,

projected fully generational with Scale MP-2020

Healthy Male Retirees - 98% of Pub-2010 Safety Retiree Male Table,

Amount-weighted, projected fully generational with Scale MP-2020

Healthy Female Retirees - 99% of Pub-2010 Safety Retiree Female Table,

Amount-weighted, projected fully generational with Scale MP-2020

Disabled Males - 124% of Pub-2010 Safety Disabled Male Table, Amount-

Disabled Males - 124% of Fub-2010 Safety Disabled Male Table, Alliou

weighted, projected fully generational with Scale MP-2020

Disabled Females - 100% of Pub-2010 Safety Disabled Female Male Table,

Amount-weighted, projected fully generational with Scale MP-2020

 Withdrawal rates
 6.00% - 28.00%

 Disability rates
 0.03% - 0.40%

 Retirement rates
 25% - 100%

Date range of most recent

experience study 2015 - 2020

NOTES TO SCHEDULES OF EMPLOYER ALLOCATIONS AND PENSION AMOUNTS BY EMPLOYER (Continued)

6 - SENSITIVITY OF THE NET PENSION ASSET (LIABILITY) TO CHANGE IN THE DISCOUNT RATE (in thousands)

			Current		
	1% Decrea	ase I	Discount Rate	19	% Increase
Sensitivity of Discount Rate	(6.25%)		(7.25%)		(8.25%)
Net pension asset (liability)	\$ 3,	<u>387</u> \$	18,115	\$	30,067