

SAMPLE
Annual Statement

2023



Public Employee Retirement Administration Commission Members

Philip Y. Brown, Esq.

Chairman

The Honorable Diana DiZoglio

Auditor of the Commonwealth Vice Chairman

Kathleen M. Fallon

Practice Area Director, Public Consulting Group

Kate Fitzpatrick

Town Manager, Town of Needham

James J. Guido

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Investment Professional Governor's Appointee

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Executive Director

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You may leave messages for Caryn Shea, Director of Audits at telephone extension 929 or for any member of PERAC's Audit Staff at telephone extension 924 in our Somerville offices.





Commonwealth of Massachusetts Public Employee Retirement Administration Commission

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Instructions to Retirement Systems & Pension Funds

(Henceforth called Systems)

- (1) Date of Filing: The statement is required by law to be filed on or before May 1st.
- (2) The Name of the System must be typed or stamped at the top of all pages and schedules (and duplicate schedules), and on all inserted schedules and loose sheets.
- (3) This statement must be typewritten or prepared legibly using electronic media.
- (4) Blank Schedules will not be accepted. If no entries are to be made, type "NONE" across the schedule in question.
- (5) Each category of investment must be grouped alphabetically on appropriate schedules as listed below. Group totals in each category must be shown (sub-totals should be identified as such). Investments must be listed on a trade date basis (as opposed to the cashbook, which is on a settlement date basis). Purchases made prior to January 1st, but not settled until after December 31st, should be recorded as accounts payable and, as such, should be listed as purchased and owned. Sales made prior to January 1st, but not settled until after December 31st, should be recorded as accounts receivable and, as such, should be listed as sold and no longer owned. *

Schedule 1

Cash

Schedule 2

Short Term Securities (Treasury Bills, Commercial Paper, Repurchase Agreements, CDs, Term Deposits, Money Market Accounts, Cooperative Shares, and Savings and Loan Shares).

Schedule 3 (A, B, and C)

Fixed Income Securities

Schedule 4 (A, B, and C)

(a) Stocks

(b) Options

Schedule 5

Pooled Funds, PRIT Fund, Mutual or Commingled Funds, International Investments, Alternative Investments, and Real Estate Investments

Schedule 6

Recap of Schedules 1 through 5

Schedule 7

Recap of all investment-related management, custodial and consultant fees

Supplementary Schedule

We are now requesting that you provide us with a supplemental schedule for Members' Balances in the Annuity Savings Account. Previously, there was some confusion as to whether this information was required. **It is required.**

(6) If the Annual Statement and Schedules do not contain the information asked for in the blanks, or are not prepared as requested above, they will NOT be accepted by the Commission.

Note: In accordance with the provisions of section 20(5)(h) and section 23(1)(c) and section 23(2)(e) of Chapter 32 of the General Laws, this statement must be filed in the office of the Public Employee Retirement Administration Commission no later than May 1, 2024. The due date for filing will be strictly enforced.

*It is critical that you determine the status of all pending transactions reported by your custodian on supplemental schedules provided by them. If any adjustments are required, these should be disclosed either in the details of accounts due in receivables, or payments pending in accounts payable. Otherwise, the supplemental schedules need to be notated for pending settlements. It may be necessary to revisit pending transactions from prior periods to properly reconcile these financial results.

		nber 31, 2023 of the Conditions and Affa	(Name of Retirement System)
		Ith of Massachusetts to the Public Employee	
Pate of Certificate		Effective Date	
ADMINISTRATIVE OFFIC	E		
treet & Number		City/Town, State and Zip Code	Telephone Number
The certification proce	ess is now comp	letely within PROSPER. Below is a sc	reen shot of the certification page
			\times
1			A
Retirement Bo	ard Member C	ertification	
	-1 6 11-	- Chata Daniel of Dations and and if word	and the annual time of
		e State Board of Retirement certify unde member of said retirement system, and	The state of the s
		erein-described assets were the absolu	
		from any liens or claims thereon, excep	
		hedules and explanations therein conta	
		exhibit of all the assets, liabilities, incom the conditions and affairs of the said ref	
		last, and for the year ended on that date	The state of the s
	•	d belief, respectively.	
Retirement Boar	d: State		
Name:	Board Memb	per21990	
By entering my	name, checking the	e Electronic Signature box, and clicking on the	e buttons, I certify under
the penalty of pe knowledge.	erjury that the infor	mation provided herein is true and complete	to the best of my
Knowledge.			Activ
VESTMENT MANAGER	(Name)	(Ad	dress)
Please compile/			
submit a complete list. Attach the list	(Name)		dress)
to this page.	(rearrie)	<i>(</i> , (d	are33)
	(Name)		dress)
	(. 13.110)	(Au	
VESTMENT CONSULTA			
	(Name)	(Ad	dress)
ISTODIAN	(Name)		dress)

1. ASSET BALANCE

Assets Previous Year

From Page 2, 2022 Column Total

Income Current Year

From Page 4, 2023 Column, Total

Disbursements Current Year

(From Page 5, 2023 Column, Total

Assets Current Year

Must Equal Page 2, 2023 Column Total

2. ASSET DIFFERENCE

Assets Current Year

Assets Previous Year

(From Page 2, 2022 Column, Total

Calculated, Must Agree With Test #3 Below and Test #4 Below

3. INCOME DIFFERENCE

Income Current Year

From Page 4, 2023 Column, Total

Disbursements Current Year

(From Page 5, 2023 Column, Total

Calculated, Must Agree With Test #2 Above and Test #4 Below

4. FUND CHANGE DIFFERENCE – Add interfund transfer credits and debits respectively to Income and Disbursement activities.

Total Fund Change Credits Current Year

From Page 3, Total Receipts Plus the Total Of Credits From Interfund Transfers

From Page 3, Total Disbursements Plus the (Total Of Debits From Interfund Transfers)

Difference Calculated, Must Agree With Test #2 Above and Test #3 Above

NOTE: The difference as a result of tests 2, 3, and 4 should be the same.

ASSETS & LIABILITIES

 2. 1 3. 1 	1049 1100	Cash	FROM: Schedule 1,	FROM: Prior Year	
3. 1	1100		Column E	FROM: Prior Year	FROM: Prior Year
		Individually Owned Short Term Investments	Schedule 2, Column E	Prior Year	Prior Year
A 1	1180	Fixed Income Securities (Market Value)	Schedule 3A, Column E	Prior Year	Prior Year
4.	1101	Pooled Short Term Funds	Schedule 5, Column K	Prior Year	Prior Year
5. 1	1170	Equities	Schedule 4A, Column F	Prior Year	Prior Year
6. 1	1172	Pooled Domestic Equity Funds	Schedule 5, Column K	Prior Year	Prior Year
7. 1	1173	Pooled International Equity Funds	Schedule 5, Column K	Prior Year	Prior Year
8. 1	1174	Pooled Global Equity Funds	Schedule 5, Column K	Prior Year	Prior Year
9. 1	1181	Pooled Domestic Fixed Income Funds	Schedule 5, Column K	Prior Year	Prior Year
10. 1	1182	Pooled International Fixed Income Funds	Schedule 5, Column K	Prior Year	Prior Year
11. 1	1183	Pooled Global Fixed Income Funds	Schedule 5, Column K	Prior Year	Prior Year
12. 1	1193	Pooled Alternative Investments / Private Equity	Schedule 5, Column K	Prior Year	Prior Year
13. 1	1194	Pooled Real Estate Funds	Schedule 5, Column K	Prior Year	Prior Year
14. 1	1195	Pooled Domestic Balanced Funds	Schedule 5, Column K	Prior Year	Prior Year
15. 1	1196	Pooled International Balanced Funds	Schedule 5, Column K	Prior Year	Prior Year
16. 1	1197	Hedge Funds	Schedule 5, Column K	Prior Year	
17. 1	1198	PRIT Cash Fund	Schedule 5, Column K	Prior Year	Prior Year
18. 1	1199	PRIT Core Fund	Schedule 5, Column K	Prior Year	Prior Year
19. 1	1350	Prepaid Expenses	Current Year	Prior Year	Prior Year
20. 1	1398	Accounts Receivable (A)	Schedule A	Prior Year	Prior Year
21. 1	1550	Interest Due and Accrued	Int. Due & Accrued Current Year (Page 6)	Prior Year	Prior Year
22. 2	2020	Accounts Payable (A)	Schedule A) (Prior Year) (Prior Year)
		TOTAL	Must agree with Total below	Prior Year	Prior Year
FUN	IDS				
1. 3	3293	Annuity Savings Fund	Page 3	Prior Year	Prior Year
2. 3	3294	Annuity Reserve Fund	Page 3	Prior Year	Prior Year
3. 3	3295	Special Military Service Credit Fund	Page 3	Prior Year	Prior Year
4. 3	3296	Pension Fund	Page 3	Prior Year	Prior Year
5. 3	3298	Expense Fund	Page 3	Prior Year	Prior Year
6. 3	3297	Pension Reserve Fund	Page 3	Prior Year	Prior Year
тот	AL AS	SETS AT MARKET VALUE	Must Agree With Total Above	Prior Year	Prior Year

(A) Specific details for Accounts Receivable and Accounts Payable are to be disclosed on Schedule A.

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	Balance Dec. 31 Prior Year	Receipts	Interfund Transfers	Disbursements	Balance Dec. 31 Current Year
Annuity Savings Fund	From Prior Year	Page 4 ASF Total	From Below	Page 5 ASF Total	To Page 2
Annuity Reserve Fund	From Prior Year	Page 4 ARF Total	From Below	Page 5 ARF Total	To Page 2
Special Military Service Credit Fund	From Prior Year	Page 4 MSF Total	From Below		To Page 2
Pension Fund	From Prior Year	Page 4 PF Total	From Below	Page 5 PF Total	To Page 2
Expense Fund	From Prior Year	Page 4 EF Total	From Below	Page 5 EF Total	To Page 2
Pension Reserve Fund	From Prior Year	Page 4 PRF Total	From Below		To Page 2
TOTAL ALL FUNDS	From Prior Year	Page 4 Total	Total Must = 0	Page 5 Total	To Page 2

List below all transfers:

irements					
on Account of Retirements	on Account of				
Fund in the Amount of \$ To Above	Fund in the Amount of \$_To Above				
Fund to the ARF	Fund to the				
Transfer from ASF	Transfer from				

An	nual Statement of the Retir	ement System for the Year	Ended December 31, 20	23
RE	CEIPTS			
1.	Annuity Savings Fund:	2023	2022	2021
	(a) 4891 Members' Deductions	Must Agree With Supp	olementary Membership	Schedule
	(b) 4892 Transfers from Other Systems	Must Agree With Supp	olementary Membership	Schedule
	(c) 4893 Members' Make up Payments and Re-depos	its Must Agree With Supp	olementary Membership	Schedule
	(d) 4900 Member Payments from Rollovers	Must Agree With Supp	olementary Membership	Schedule
	(e) Investment Income Credited to Members' Account	From Page 6 and Must	Agree With Supplementar	y Membership Schedule
	SUBTOTAL	To Page 3		
2.	Annuity Reserve Fund:			
	(a) 4750 Recovery of Annuity from Reinstatement			
	(b) Investment Income Credited to Annuity Reserve Fun	d From Page 6 and Fron	n ARF Worksheet	
	SUBTOTAL	To Page 3		
2	Pension Fund:			
3.	(a) 4898 3(8)(c) Reimbursements from Other Systems			
	(b) 4899 Received from Commonwealth			
	for COLA and Survivor Benefits			
	(c) 4894 Pension Fund Appropriation			
	(d) 4840 Workers' Compensation Settlements			
	(e) 4751 Recovery of Pension from Reinstatement			
	(f) 4841 Recovery of 91A Overearnings			
	SUBTOTAL	To Page 3		
4.	Military Service Fund:			
	(a) 4890 Contributions Received for Military Service			
	(b) Investment Income Credited	From Page 6		
	SUBTOTAL	To Page 3		
5.	Expense Fund:			
	(a) Investment Income Credited to Expense Fund	From Page 6		
	SUBTOTAL	To Page 3		
6.	Pension Reserve Fund:			
٥.	(a) 4897 Federal Grant Reimbursement			
	(b) 4895 Pension Reserve Appropriation			
	(c) 4822 Interest Not Refunded			
	(d) 4825 Miscellaneous Income			
	141/ 1020 Miscendificodo Micollic			

From Page 6

To Page 3

To Page 3

(e) Excess Investment Income

TOTAL RECEIPTS

SUBTOTAL

MEMBERSHIP FOR CURRENT YEAR

ACTIVE MEMBERS	Group 1	Group 2 & 4	TOTAL
Active Membership, Dec. 31st, Previous Year Inactive Membership, Dec. 31st, Previous Year Enrolled During Current Year			
Transfers Between Groups Reinstatements of Disabled Members SUBTOTAL			
Deduct: Death Withdrawals Retirements SUBTOTAL			
Active Membership, Dec. 31st, Current Year			
Inactive Membership, Dec. 31st, Current Year			
RETIRED MEMBERS, BENEFICIARIES & SURVIV	VORS		
Retired, Beneficiary, and Survivor Membership, Dec. 31, previous year			
Retirements During the Year:			
Superannuation			
Ordinary Disability			
Accidental Disability Termination Retirement Allowance			
Beneficiary of Deceased Retiree			
Survivor Benefits from Active Membership			
SUBTOTAL			
Deduct:			
Deaths of Retired Members			
Terminations of Survivor Benefits			
Reinstatements of Disabled Pensions			
SUBTOTAL			
Retired Membership, Dec. 31, current year			
Superannuation			
Ordinary Disability Accidental Disability			
Termination			
Beneficiaries from Accidental Deaths			
Beneficiaries from Section 100			
Beneficiaries from Section 101			
Beneficiaries under Option (C)			
Option (D) Survivor Allowance			
Section 12B Survivor Allowance			
	• • • • • • • • • • • • • • • • • • • •		
Total Retired, Beneficiary, and Survivor Membership, Dec. 31, Current Year			
TOTAL MEMBERSHIP: Active, Inactive, Retired, Beneficiary, and Survivor, Dec. 31, Current Year			

Annual Statement of the	Retirement System for the Year Ended December 31, 20
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Schedule A: Detail of Accounts Receivable and Accounts Payable

4891 4892 4893	Members' Deductions		Original Date
4893			
4893	Transfers From Other Systems		
	Members' Make Up Payments and Redeposits		
4900	Members' Payments from Rollovers		
4898	3(8)(c) Reimbursements from Other Systems		
4899	Received from Commonwealth for COLA and Survivor Benefits		
4894	Pension Fund Appropriation (Current Fiscal Year)		
4894	Pension Fund Appropriation (Current Fiscal Year)		
4890	Contributions Received from Municipality on Account of Military Service		
4897	Federal Grant Reimbursement		
4895	Pension Reserve Appropriation		
Investm	nents Sold But Funds Not Received (list individually)		
TOTA	L RECEIVABLES	To Page 2, Line 20	
ounts	Payable		
5757	Refunds to Members		
5756	Transfers to Other Systems		
5750	Annuities Paid		
5759	Option B Refunds		
5751	Pensions Paid		
5755	3(8)(c) Reimbursements to Other Systems		
5752	COLAs Paid		
5753	Chapter 389 Beneficiary Increase Paid		
5118	Board Members' Stipend		
5119	Staff Salaries		
5120	Benefits		
5304	Management Fees Custodial Fees		
5305			
5307	Investment Consultant Fees		
5308	Legal Expenses		
5309	Medical Expenses		
5310	Fiduciary Insurance		
5311	Service Contracts		
5312	Rent Expense		
5315	Professional Services		
5320	Education and Training		
5589	Administrative Expenses		
5599	Furniture and Equipment		
5719	Travel Expense		
Investm	nents Purchased But Funds Not Paid (list individually)		

Schedule No. 1

Cash Account Activity During Year *Cash defined in ledger #1040 as Savings or Checking

	Annual Statement of the	Cash Acc	Retirement Board for the Year Ended December 31, 2023 Schedule 1 Jash Account Activity During Year	the Year Ended D	ecember 31, 2023		
Description	Book Value at End of Previous Year	Total Deposits this Year	Income Reinvested/ Redeposited into Account	Total Withdrawals this Year	Total Book Value Dec 31 this Year	Cash Income Paid to System Not Reinvested or Redeposited	Interest Due and Accrued December 31st
	From Page 2, 2022 Column		To Page 6, Line a		To Page 2, 2023 Column, Line 1	To Page 6, Line a	To Page 6 Interest Due and Accrued, Current Year
							To Page 2, Line 21 Interest Due and Accrued, Current Year
Schedule Totals	У	•	•	У	· · · · · ·		•

Schedule No. 2A

Short Term Securities* Owned At End of Year

Shares, Abort Term Securities* Owned At End of Year

**Short Term defined in ledger #1100 as U.S. Treasury Bills, Commercial Paper, Repurchase Agreements, CDs, Term Deposits, Money Market, Cooperative Shares, Savings and Loan Shares

Retirement Board for the Year Ended December 31, 2023 Annual Statement of the

				ort Term S	Schedule 2A Short Term Securities Owned at End of Year	A ed at End of	Schedule 2A urities Owned at End of Year		100	
To Page 2, 2023 Column, Line 2	CUSIP	Description	Rate	Maturity Date	Par Value	Price	Market Value Dec 31st Current Year	Change in Market Value Increase/Decrease	Interest Received During Year	and Accrued Dec 31st
							To Page 2, 2023 Column, Line 2		To Page 6, Line b	To Page 6, Interest Due & Accrued Current Year
										To Page 2, Line 21 Interest Due & Accrued, Current Year

Short Term Securities Purchased During Year

	Cost Excluding Accrued Interest, but Including Commissions	
	Paid Ad Accrued Interest Inc	
23	Commissions Paid	
Retirement Board for the Year Ended December 31, 2023 ichedule 2B titles Purchased During Year	Name of Broker	
Retirement Board for the Ye Schedule 2B Short Term Securities Purchased During Year	Date Acquired Le (Trade Date)	
	ty Par Value	
Annual Statement of the	Maturity Rate Date	
	Description	
	CUSIP	
	Fund	

tatement of the	Ochipoda 20
Annual Statement of the	

		ı
Interest	Received	on Sale During Year
	Book Profit/Loss Received	on Sale
	Book	Value
	Proceeds	Paid from Sale
	Commissions Proceeds	Paid
		Name of Broker
	Date Sold	(Trade Date)
		Par Value
	Maturity	Date
		Rate
		Description
		CUSIP
		pun _:

₩		
	0.00	
÷		
	Ħ	
\$	Total Profit	
s		

Schedule No. 3A

Domestic Fixed Income Securities Owned at End of Year (Foreign Fixed Income Securities must be listed on Schedule 5)

	1	and Accrued	To Page 6, Interest Due & Accrued, Current Year	To Page 2, Line 21 Interest Due & Accrued, Current Year
	1	merest Received During Year	To Page 6, Line c	2 30
iber 31, 2023		Onange in Market Value Increase/Decrease		
Retirement Board for the Year Ended December 31, 2023 chedule 3A	ear	Market Value at End of Year	To Page 2, 2023 Column, Line 3	
Board for the	at end of Ye	Price		
Retirement Schedule 3A	Income Securities Owned at End of Year	Par Value		
	ed Income S	Maturity Date		
	FIXED	Rate		
Annual Statement of the		Description		
		CUSIP		
		Fund		

	-	\$ \$
Total Increase	0.00	
Total Decrease	0.00	

Schedule No. 3B

B

B

Comestic Fixed Income Securities Purchased During Year

1

			Cost Excluding	Accrued Interest, but	Accrued Interest Including Commissions	
				Paid	Accrued Interest	To Page 6, Line 4823
				Commissions	Paid	
Retirement Board for the Year Ended December 31, 2023		d During Year			Name of Broker	
Retirement Bo	Schedule 3B	Fixed Income Securities Purchased During Year		Date Acquired	(Trade Date)	
the		Fixed Inc			Par Value	
Annual Statement of the				Maturity	Rate Date	
Ann					Rą	
					Description	
					Fund CUSIP	
					Fund	

Domestic Fixed Income Securities Sold During Year

		Annna	Annual Statement of the	of the	Ketiremen	Ketirement Board for the Year Ended December 31, 2023	31, 2023				
				LĒ	Schedule 3C Fixed Income Securities Sold During Year) old During Year					
Fund CUSIP	Description	Ma Rate	Maturity Date P	Par Value	Date Sold (Trade Date)	Name of Broker	Commissions Paid	Proceeds from Sale	Book P Value	Profit/Loss on Sale	Interest Received During Year
										T	To Page 6, Line c
Schedule Totals							·				

0.00

Total Profit Total Loss

Schedule No. 4A

Equities Owned at End of Year

Equities defined as stocks or options (Pooled Funds must be listed on Schedule 5)

Retirement Board for the Year Ended December 31, 2023 Schedule 4A Annual Statement of the _

Equities Owned at End of Year

Dividends	Received	During Year
Change in	Market Value	Increase/Decrease
	Market Value	at End of Year
	Price	Per Share
		Shares
		Description
		CUSIP
		Fund

To Page 2, 2023 Column, Line 5

To Page 6, Line d

•	
lotal Increase	0.00
otal Decrease	0.00

Schedule No. 4B

Equities Purchased During Year

	Cost to System Including Commissions and Fees
mber 31, 2023	Commissions Paid
Retirement Board for the Year Ended December 31, 2023 chedule 4B rchased During Year	Name of Broker
Retirement Board fo Schedule 4B Equites Purchased During Year	Date Acquired (Trade Date)
Equites	Shares
Annual Statement of the	Description
	CUSIP
	Fund

Schedule No. 4C

Equities Sold During Year

8

Retirement Board for the Year Ended December 31, 2023
Schedule 4C
Equites Sold During Year Annual Statement of the _

Dividends Received During Year Profit/Loss on Sale Book Value Proceeds from Sale Commissions Paid Name of Broker Date Sold (Trade Date) Shares Description CUSIP

Fund

To Page 6, Line d

0.00 Total Profit Total Loss

Schedule No. 5

Schedule of Pooled FundsThis schedule is to be used for the PRIT Fund and Pooled Funds (e.g. , Venture Capital, Real Estate, Mutual Funds, Commingled Funds).

			Ani	Annual Statement of the		Retirement Board for Schedule 5 Pooled Fund Activity During Year	int Board for the Yea 5 During Year	Retirement Board for the Year Ended December 31, 2023 ichedule 5 Activity During Year	31, 2023				
PERAC Ledger Number D	Descrption	Market Value at End of Previous Year	Total Purchases this Year	Reinvested Investment Income	#4884 Realized Gain	#4885 Realized Loss	#4886 Unrealized Gain	#4887 Unrealized Loss	Total Sales Redemptions this Year	Cash Dividends/ Distributions this Year	Fees Paid (Including accts - 4701, 4702, 4703)	Market Value at End of Year	Market Value Updated Through
		From Page 2, 2022 Column, Lines 6-18		To Page 6, Line e	To Page 6, Line 4884	To Page 6, Line 4885	To Page 6, Line 4886	To Page 6, Line 4887		To Page 6, Line e		To Page 2, 2023 Column, Lines 6-18	
Schedule Totals		·	· ·	·	•	•					•		

NOTE: If you have more than one manager in any ledger account number, please add a row for that account number's subtotal and adjust the schedule total formula.

Summary of Investments Owned be Common of Investments Owned Common of Investments Owne Schedule No. 6

Category of Investment									
Cach	Current Market Value	Interest Due and Accrued as of Dec 31, 2023	Paid Accrued Interest on Purchases in Current Year	Commissions Paid During Current Year	#4886 Unrealized Gains	#4887 Unrealized Losses	#4884 Realized Gains	#4885 Realized Losses	Investment Income Received During Year
	Sch 1, Col E	Sch 1, Col G							Sch 1, Col F
Individually Owned Short term securities	Sch 2, Col E	Sch 2, Col G							Sch 2, Col F
Fixed Income Securities	Sch 3A, Col E	Sch 3A, Col G	Sch 3B, Col F	Sch 3B, Col E	Sch 3A, Col C	Sch 3A, Col D	Sch 3C, Col H	Sch 3C, Col I	Sch 3A, Col F and Sch 3C, Col J
Equities	Sch 4A, Col F			Sch 4B, Col E	Sch 4A, Col G	Sch 4A, Col H	Sch 4C, Col H	Sch 4C, Col 1	Sch 4A, Col I and Sch 4C, Col J
Pooled Short Term Funds	Sch 5, Col K				Sch 5, Col F	Sch 5, Col G	Sch 5, Col D	Sch 5, Col E	Sch 5, Col C and Col I
Pooled Domestic Equity Funds	Sch 5, Col K				Sch 5, Col F	Sch 5, Col G	Sch 5, Col D	Sch 5, Col E	Sch 5, Col C and Col I
Pooled International Equity Funds	Sch 5, Col K				Sch 5, Col F	Sch 5, Col G	Sch 5, Col D	Sch 5, Col E	Sch 5, Col C and Col I
Pooled Global Equity Funds	Sch 5, Col K				Sch 5, Col F	Sch 5, Col G	Sch 5, Col D	Sch 5, Col E	Sch 5, Col C and Col I
Pooled Domestic Fixed Income Funds	Sch 5, Col K				Sch 5, Col F	Sch 5, Col G	Sch 5, Col D	Sch 5, Col E	Sch 5, Col C and Col I
Pooled International Fixed Income Funds	Sch 5, Col K				Sch 5, Col F	Sch 5, Col G	Sch 5, Col D	Sch 5, Col E	Sch 5, Col C and Col I
Pooled Global Fixed Income Funds	Sch 5, Col K				Sch 5, Col F	Sch 5, Col G	Sch 5, Col D	Sch 5, Col E	Sch 5, Col C and Col I
Pooled Alternative Investments/ Private Equity	Sch 5, Col K				Sch 5, Col F	Sch 5, Col G	Sch 5, Col D	Sch 5, Col E	Sch 5, Col C and Col I
Pooled Real Estate Funds	Sch 5, Col K				Sch 5, Col F	Sch 5, Col G	Sch 5, Col D	Sch 5, Col E	Sch 5, Col C and Col I
Pooled Domestic Balanced Fund	Sch 5, Col K				Sch 5, Col F	Sch 5, Col G	Sch 5, Col D	Sch 5, Col E	Sch 5, Col C and Col I
Pooled International Balanced Funds	Sch 5, Col K				Sch 5, Col F	Sch 5, Col G	Sch 5, Col D	Sch 5, Col E	Sch 5, Col C and Col I
Hedae Funds	Sch 5, Col K				Sch 5, Col F	Sch 5, Col G	Sch 5, Col D	Sch 5, Col E	Sch 5, Col C and Col I
PRIT Cash Fund	Sch 5, Col K				Sch 5, Col F	Sch 5, Col G	Sch 5, Col D	Sch 5, Col E	Sch 5, Col C and Col I
PRIT Core Fund	Sch 5, Col K				Sch 5, Col F	Sch 5, Col G	Sch 5, Col D	Sch 5, Col E	Sch 5, Col C and Col I

Schedule No. 7

Summary of Investment Related Fees Manager/Vendor-All Managers/Vendors Must Be Listed

Manager/Vendor-All Managers/Vendors Must be Listed Q1 Q2 S304 Management Fees: Enter name of manager here	Q3 Q4	Accrued					
u		_	Total Paid Mark or Accrued in 2023 12/	Market Value "Payment as of Method 12/31/2023 (N, C, W)	nent #4701 nod Carried Interest , W) Expense	#4702 Equalization I Expense	#4703 Miscellaneous Expense
u		7 4	Disbursements, Page 5, Expense Fund, Line (d)				
,							
•					Investme	Investment Income, Page 6	sage 6
5305 Custodial Fees: Enter name of custodian here		7	Disbursements, Page 5, Expense Find Tine (a)				
5305 Custodial Fees Total			מומ' דוופ (כ)				
5307 Investment Consultant/OCIO Fees: Enter name of consultant here			Disbursements, Page 5, Expense				
5307 Investment Consultant/OCIO Fees Total			רמוזם, בוודפ (ו)				
Total Investment Related Fees and Expenses	· ·	· ·					

Members' Balances in the Annuity Savings Account

Member's Name	Previous <u>Balance</u>	Total Additions Current Year	Total Interest Current Year	Reductions	Transfer to Annuity Reserves	Transfer to Pension Fund	Transfer to Pension <u>Reserve Fund</u>	Balance Current Year
	Must Equal	Must Equal	Must Equal	Must Equal	Must Equal	Must Equal	Must Equal Page 4,	
	Last Year's		Page 4, 1(e)	Page 5	Page 3 Interfund	Page 3	6(c) Plus Interfund	
	Supplementary			1(a) + 1(b)	Transfer For Those	Interfund	Transfer of 10 Year	
	Schedule	1(c) + 1(d)	Represents	Less the	Who Retired In	Transfer	Inactive Accounts	
	12/31/22		PERAC Rate	Amount	the Current Year			
		Represents	Applied to Prior	Transferred			Represents the ASF	
		Payroll	Year Balances	to Pension	Represents ASF		Balance of Members	
		Deductions	During Current	Reserve Fund	Balance of		Funds Inactive For	
		Contributed	Year		Members Who		10 Years, Plus the	
		By Members		Represents	Retired During		Portion of Interest	
				Refunds and	Current Year		Not Refunded to	
				Withdrawals to			Members Upon	

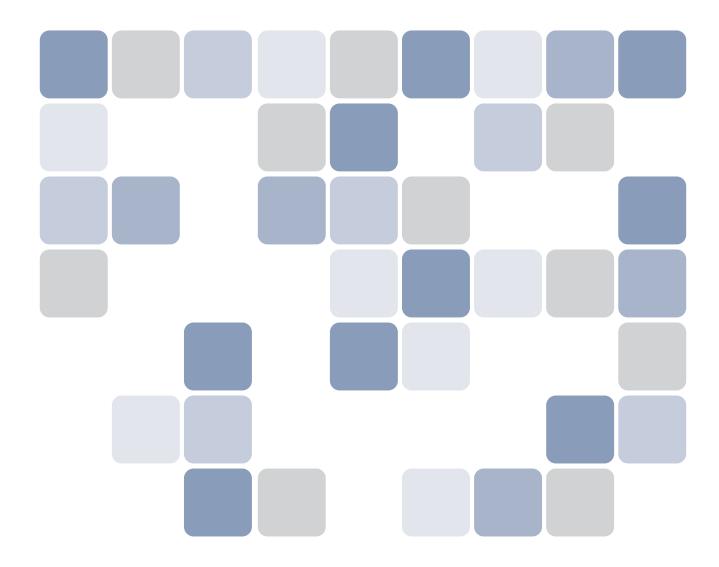
Member's Buyback Adjustment For Agreements Included on Schedule A

Withdrawal based on Eligible Limitations

Qualified Plans Transferred to

Must Equal Annuity Savings Fund Balance 12/31/23 on Page 2

NOTES:		



COMMONWEALTH OF MASSACHUSETTS

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