



October Financial Reporting & Expenses

Succeeding this cover page are the STRS Ohio financial reports & expenses for the period ending October 31, 2023. The reports that follow are:

- *Statement of Changes in Net Position* — This statement reflects fiscal year-to-date additions and deductions to the plans' net position. Items such as contributions, investment income and benefit payments are included in this financial report.
- *Actual Expenses vs. Budget* — This report reflects current month operating expenses and fiscal year-to-date expenses compared to fiscal year-to-date pro-rata budgeted amounts approved by the Board. In addition to operating expenses, a similar comparison is made of capital expenses.
- *Expense Notes* — This report provides helpful explanations around larger or infrequent expenses.
- *Detailed Operating Expenses* — This report provides the specific companies or individuals paid by STRS Ohio for operating expenses during the month.

STRS Ohio's funds are held in trust for the sole benefit of the retirement system's members and their beneficiaries. Benefits paid by STRS Ohio are funded by contributions from Ohio's public educators and their employers and the investment returns generated by the assets in which those contributions are invested. STRS receives no general revenue funds — in other words, none of the State of Ohio's budget is expended to support STRS Ohio's benefits or operations.

STRS Ohio' operating expenses are paid solely out of investment returns — no member contributions or tax dollars are expended. STRS Ohio's operating budget is approved by the retirement system's board of trustees, who under Ohio law act as fiduciaries to the retirement system's members. Additionally, prior to approval by the STRS Ohio Board, the operating budget is, by law, reviewed by the Ohio Retirement Study Council, which is comprised of members of the Ohio House and Senate, three members appointed by the Governor, as well as the executive directors of Ohio's five public retirement systems.

Questions about the reports attached can be sent to ContactUs@strsoh.org.

UNAUDITED

State Teachers Retirement System of Ohio
Statement of Changes in Net Position
For the Period July 1, 2023 through October 31, 2023

	Defined Benefit Plans	Defined Contribution	Postemployment Healthcare	Totals
Additions:				
Contributions:				
Member	589,905,754	50,781,851		\$640,687,605
Employer	624,090,879	19,748,498		\$643,839,377
Transfers from Defined Contribution Plan	(143,657)	143,657		
Government reimbursements			24,714,851	24,714,851
Benefit recipient healthcare premiums			39,799,590	39,799,590
Other retirement systems	16,860,824			16,860,824
Total contributions	<u>1,230,713,800</u>	<u>70,674,006</u>	<u>64,514,441</u>	<u>1,365,902,247</u>
Net investment income (loss)	<u>(3,168,950,942)</u>	<u>(164,049,058)</u>	<u>(187,000,000)</u>	<u>(3,520,000,000)</u>
Total additions	<u>(\$1,938,237,142)</u>	<u>(\$93,375,053)</u>	<u>(\$122,485,559)</u>	<u>(\$2,154,097,753)</u>
Deductions:				
Service retirement	2,409,746,904			2,409,746,904
Disability retirement	58,262,225			58,262,225
Survivor benefits	42,253,384			42,253,384
Health care			79,146,805	79,146,805
Other	14,652,660			14,652,660
Total benefit payments	<u>2,524,915,171</u>		<u>79,146,805</u>	<u>2,604,061,977</u>
Refunds to members who have withdrawn	122,001,938	40,124,869		162,126,807
Administrative expenses	41,360,982		771,836	42,132,818
Total deductions	<u>\$2,688,278,091</u>	<u>\$40,124,869</u>	<u>\$79,918,642</u>	<u>\$2,808,321,602</u>
Net increase (decrease)	<u>(\$4,626,515,233)</u>	<u>(\$133,499,922)</u>	<u>(\$202,404,201)</u>	<u>(\$4,962,419,355)</u>
Net position held in trust for pension and postemployment healthcare benefits				
Beginning of year	<u>83,668,744,447</u>	<u>2,579,222,971</u>	<u>4,783,404,347</u>	<u>91,031,371,765</u>
End of period	<u>\$79,042,229,214</u>	<u>\$2,445,723,049</u>	<u>\$4,581,000,146</u>	<u>\$86,068,952,410</u>

UNAUDITED

STATE TEACHERS RETIREMENT SYSTEM
 Actual Expenses vs. Budget
 For the Month and Fiscal Year-to-Date Ended October 31, 2023

	October	September	Year-to-Date	Expected Budget-to-Date	Annual Budget	Prior Year-to-Date
Compensation	\$ 4,509,842	\$ 13,365,555	\$ 26,350,823	\$ 28,473,903	\$ 69,361,200	\$ 28,092,296
Fringe Benefits	1,378,197	2,698,986	7,158,507	7,507,010	20,392,000	7,502,895
Professional and Technical Services	1,614,517	341,957	4,402,876	4,999,241	13,106,500	3,448,602
Repairs and Maintenance	618,495	581,387	2,136,851	2,016,554	6,298,700	2,204,537
Travel and Vehicles	45,167	33,047	96,201	145,082	564,100	84,720
Communications	138,116	55,654	314,785	629,426	2,016,300	529,908
Utilities	73,082	79,861	245,324	361,787	1,155,000	370,204
Supplies and Materials	74,601	87,088	254,173	266,027	788,400	329,356
Other Expenses	721,004	25,880	995,076	1,126,021	1,550,700	955,316
State of Ohio Expenses	99,163	122	178,202	169,417	377,000	172,413
Total Operating Expenses	\$ 9,272,184	\$ 17,269,537	\$ 42,132,818	\$ 45,694,468	\$ 115,609,900	\$ 43,690,247
Capital Budget	\$ 174,871	\$ 240,890	\$ 996,685	\$ 996,685	\$ 8,333,500	\$ 285,623
Capital Budget Carryover:	\$ 7,392	\$ 297,828	\$ 647,258	\$ 647,258	\$ 3,066,200	\$ 806,928

Staffing Information:	October	September	August
Budgeted FTE Associates	504	504	504
Full Time Equivalent Associates	472	475	484
Open FTE Positions	21	13	14

Ms. Correthers moved, seconded by Ms. Herrington, that the report be accepted and the expenditures for the month ending October 31, 2023 in the total amount of \$9,454,447 be approved.

STATE TEACHERS RETIREMENT SYSTEM
 Actual Expenses vs. Budget
 For the Month and Fiscal Year-to-Date Ended October 31, 2023

	October	September	Year-to-Date	Expected Budget-to-Date	Annual Budget	Prior Year-to-Date
COMPENSATION						
Salary and Wages	\$ 4,316,847	\$ 4,736,244	\$ 17,295,148	\$ 16,905,446	\$ 54,942,700	\$ 18,297,394
Other Compensation	1,058	623	5,211	3,870	14,200	4,749
Incentive Compensation	0	8,579,085	8,579,085	11,100,000	11,100,000	9,655,708
Unused Vacation and Sick Leave	183,975	31,030	426,601	426,601	3,188,700	79,185
Overtime	7,487	10,573	33,278	26,486	74,800	33,035
Service Awards	475	8,000	11,500	11,500	40,800	22,225
Total Compensation	\$ 4,509,842	\$ 13,365,555	\$ 26,350,823	\$ 28,473,903	\$ 69,361,200	\$ 28,092,296
FRINGE BENEFITS						
OPERS Employer Cost	\$ 542,411	\$ 1,699,803	\$ 3,412,196	\$ 3,813,893	\$ 9,200,600	\$ 3,533,262
Medical/Hospitalization Insurance	690,440	703,744	2,996,252	3,000,000	9,000,000	3,188,081
Medicare	63,778	192,235	376,293	312,954	1,017,100	401,639
Dental Insurance	42,920	42,882	172,297	183,845	550,000	175,299
Educational Assistance	(4,476)	1,207	15,797	18,449	70,000	15,479
Workers' Compensation	10,290	27,858	58,744	49,231	160,000	69,341
Life Insurance	24,683	24,110	96,691	94,118	284,200	93,123
Disability Insurance	8,432	8,497	33,703	34,519	103,500	33,791
Wellness	(281)	(1,350)	(3,466)	0	0	(7,120)
Unemployment Compensation	0	0	0	0	6,600	0
Total Fringe Benefits	\$ 1,378,197	\$ 2,698,986	\$ 7,158,507	\$ 7,507,010	\$ 20,392,000	\$ 7,502,895
PROFESSIONAL AND TECHNICAL SERVICES						
Actuary	\$ 0	\$ 47,930	\$ 47,930	\$ 101,167	\$ 303,500	\$ 0
Audit	85	59,000	74,085	56,167	168,500	70,000
Banking Expense	0	0	0	56,667	170,000	27,592
Board Election Processing	0	0	0	0	75,600	0
Contract Services	1,136	12,880	14,016	24,138	314,000	32,246
Custodial Banking Fees	409,545	0	409,545	550,000	2,050,000	458,539
Data Management and Analytics	29,500	0	29,500	30,750	123,000	(3,608)
Disaster Recovery	22,344	22,274	89,015	87,033	261,100	52,028
Employment Verification	765	1,209	2,754	1,451	8,600	1,703
Health Care Consultant	4,818	5,406	10,224	55,500	166,500	6,400
Insurance Consultant	16,500	0	33,000	32,677	96,500	32,000
Investigative Services	1,426	1,358	4,065	4,766	57,900	4,453
Investment Consultant	194,266	0	194,266	295,750	1,183,000	196,536
Investment Research Services	146,912	118,905	1,865,350	1,805,199	3,322,100	1,734,858
Legal Fees	23,120	0	119,441	166,667	500,000	27,256
Medical Examinations	41,735	3,005	107,124	92,670	321,500	83,554
Other Consulting Services	16,114	53,460	87,976	99,690	782,300	75,757
Quotation and Analytic Services	686,271	11,299	1,271,480	1,486,700	2,973,400	582,379
Real Estate Contract Services	0	0	11,000	14,750	59,000	17,500
Recruitment Fees	19,980	5,231	32,105	37,500	150,000	49,409
Temporary Employment Services	0	0	0	0	20,000	0
Total Professional/Technical Services	\$ 1,614,517	\$ 341,957	\$ 4,402,876	\$ 4,999,241	\$ 13,106,500	\$ 3,448,602

October Expenses vs. Budget
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	October	September	Year-to-Date	Expected Budget-to-Date	Annual Budget	Prior Year-to-Date
REPAIRS AND MAINTENANCE						
Building Maintenance and Equipment	\$ 83,715	\$ 47,025	\$ 333,061	\$ 281,667	\$ 845,000	14,884
Copiers	4,686	3,191	12,078	13,204	68,500	6,151
Data Processing Equipment	502,716	497,609	1,658,640	1,600,400	4,801,200	2,008,813
Elevators	0	2,902	3,380	11,043	100,000	9,182
Mail Center Equipment	1,209	7,483	10,192	9,244	28,000	7,080
Property Tax and Leases	10,196	10,198	40,784	33,153	251,000	36,225
Safety and Security Equipment	10,627	10,262	63,026	56,667	170,000	109,385
Trash Removal	5,346	2,717	15,690	11,177	35,000	12,817
Total Repairs and Maintenance	\$ 618,495	\$ 581,387	\$ 2,136,851	\$ 2,016,554	\$ 6,298,700	\$ 2,204,537
TRAVEL AND VEHICLES						
Gasoline	\$ 962	\$ 678	\$ 1,800	\$ 992	\$ 3,800	1,590
Staff and Board Travel	43,875	31,747	93,314	142,590	555,800	82,517
Vehicle Maintenance	330	622	1,087	1,500	4,500	613
Total Travel and Vehicles	\$ 45,167	\$ 33,047	\$ 96,201	\$ 145,082	\$ 564,100	\$ 84,720
COMMUNICATIONS						
Courier Services	\$ 1,205	\$ 1,022	\$ 5,376	\$ 7,704	\$ 25,100	6,031
Outsourced Distribution	3,247	5,152	8,399	33,800	105,000	15,618
Photography / Media	0	0	0	0	7,300	0
Postage	82,089	237	87,182	234,602	985,100	240,886
Printing	16,814	19,568	82,919	211,020	411,000	137,017
Telecommunications	34,761	29,675	130,909	142,301	482,800	130,356
Total Communications	\$ 138,116	\$ 55,654	\$ 314,785	\$ 629,426	\$ 2,016,300	\$ 529,908
UTILITIES						
Electricity	\$ 66,780	\$ 70,006	\$ 214,095	\$ 300,000	\$ 900,000	308,342
Natural Gas	1,581	4,907	15,497	26,737	150,000	31,385
Oil	0	0	0	0	15,000	0
Water	4,721	4,948	15,732	35,049	90,000	30,477
Total Utilities	\$ 73,082	\$ 79,861	\$ 245,324	\$ 361,787	\$ 1,155,000	\$ 370,204
SUPPLIES AND MATERIALS						
Equipment Supplies	\$ 54,914	\$ 62,779	\$ 186,711	\$ 186,107	\$ 522,300	238,742
Food Service Supplies	8,001	5,884	19,188	21,167	63,500	34,701
Office Supplies	5,052	2,292	11,047	9,210	34,000	10,828
Personal Computer Software	0	0	0	0	17,000	8,415
Publications/Subscriptions	3,820	12,597	25,565	36,322	108,100	24,352
Uniforms	2,814	3,536	11,662	13,222	43,500	12,318
Total Supplies and Materials	\$ 74,601	\$ 87,088	\$ 254,173	\$ 266,027	\$ 788,400	\$ 329,356

October Expenses vs. Budget
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	October	September	Year-to-Date	Expected Budget-to-Date	Annual Budget	Prior Year-to-Date
OTHER EXPENSES						
Board Employer Reimbursement	\$ 0	\$ 0	\$ 0	\$ 0	\$ 3,000	\$ 0
Conferences and Seminars	397	7,713	17,814	34,600	103,800	7,129
Dues and Licenses	41,816	3,539	50,210	28,396	174,500	23,549
Insurance	674,069	0	887,283	960,000	960,000	898,635
Member/Employer Education Programs	2,841	3,185	6,537	30,500	91,500	8,903
Miscellaneous Expense	631	593	1,813	9,272	21,300	4,774
Other Board Expense	393	509	1,325	5,587	3,800	696
Other Staff Expense	805	2,478	3,449	0	19,800	3,317
Training	52	7,863	26,645	57,667	173,000	8,313
Total Other Expenses	\$ 721,004	\$ 25,880	\$ 995,076	\$ 1,126,021	\$ 1,550,700	\$ 955,316
STATE OF OHIO EXPENSES						
ORSC	78,819	0	157,638	150,000	300,000	134,544
Ohio Attorney General Reimbursement	20,182	0	20,182	18,750	75,000	0
Treasurer Check Clearing	162	122	382	667	2,000	391
Total State of Ohio Expenses	\$ 99,163	\$ 122	\$ 178,202	\$ 169,417	\$ 377,000	\$ 172,413
Total Operating Expenses	\$ 9,272,184	\$ 17,269,537	\$ 42,132,818	\$ 45,694,468	\$ 115,609,900	\$ 43,690,247
Capital Budget						
	October	September	Year-to-Date	Expected Budget-to-Date	Annual Budget	Prior Year-to-Date
Building Improvements	\$ 1,070	\$ 24,352	\$ 32,432	\$ 32,432	\$ 350,000	\$ 91,835
Furniture & Fixtures	0	0	0	0	0	0
Audio Visual	0	0	0	0	0	0
Information Processing	154,347	129,569	836,849	836,849	6,453,400	0
Maintenance	19,454	72,929	113,364	113,364	690,100	169,374
Miscellaneous	0	0	0	0	0	0
Office	0	0	0	0	30,000	19,075
Telecommunications	0	0	0	0	0	0
Vehicles	0	0	0	0	0	0
Computer Software	0	14,040	14,040	14,040	810,000	5,339
Total Capital Budget	\$ 174,871	\$ 240,890	\$ 996,685	\$ 996,685	\$ 8,333,500	\$ 285,623
Capital Budget Carryover:						
Fiscal 2023	\$ 4,468	\$ 2,103	\$ 10,579	\$ 10,579	\$ 2,057,041	\$ 806,928
Fiscal 2022	2,924	295,726	636,679	636,679	1,009,214	0
Total Capital Budget Carryover	\$ 7,392	\$ 297,828	\$ 647,258	\$ 647,258	\$ 3,066,200	\$ 806,928

October 2023 Expense Notes

General Comments

Actual fiscal year-to-date operating expenses total \$42.1 million which is approximately \$3.6 million under expected budget.

Compensation and Fringe Benefits

Unused Vacation and Sick Leave includes payment to one retiring and five separated associates.

Professional and Technical Services

One quarter of global custody, collateral and investment performance charges are included in Custodial Banking Fees. Retiree health care information services are included in Data Management and Analytics. Quarterly retainer fees are included in Insurance Consultant. Quarterly investment board and alternative investment consultant fees are included in Investment Consultant. Investment Research Services includes quarterly fundamental research services. Legal Fees include fees paid to outside counsel. Medical Examinations include payment for the medical review board chair services. Quotation and Analytic Services include quarterly Bloomberg charges.

Repairs and Maintenance

Building Maintenance and Equipment includes quarterly building automation system maintenance and HVAC and generator repairs. Data Processing Equipment includes annual support for cloud application data protection and network connectivity hardware.

Communications

Postage includes annual open enrollment information for member health care program and replenishing the postage meters.

Other Expenses

Dues and Licenses include membership fees to the Council of Institutional Investors and the National Institute on Retirement Security. Annual premiums for fiduciary risk are included in Insurance.

State Of Ohio Expenses

Quarterly fees for the Ohio Retirement Study Council and Ohio Attorney General representation were paid in October.

Capital Budget

Capital items for September include payment for the cloud-based investment portfolio system and replacement key inventory management system.

Capital Budget Carryover

The capital budget carryover includes payment for the replacement data center cooling system and cloud-based financial management and human resource system.

STATE TEACHERS RETIREMENT SYSTEM

Detailed Operating Expenses
For the Month Ended October 31, 2023

<u>Account</u>	<u>Vendor</u>	<u>Amount</u>
Compensation		
Salaries & Wages	STRS OHIO	4,502,355
		Total 4,502,355
Overtime	STRS OHIO	7,487
		Total 7,487
	Total Compensation	4,509,842
Fringe Benefits		
OPERS Employer Cost	STRS OHIO	542,411
		Total 542,411
Medical/Hospitalization Insurance	AETNA BEHAVIORAL HEALTH LLC-ASSOC	658
	AETNA LIFE INSURANCE COMPANY	507,877
	AETNA-ASSOC PREM	13,625
	EXPRESS SCRIPTS IN	281,475
	MISC. RECEIPTS	(22,095)
	STRS OHIO	(91,100)
		Total 690,440
Medicare	STRS OHIO	63,778
		Total 63,778
Dental Insurance	DELTA DENTAL	43,610
	MISC. RECEIPTS	(690)
		Total 42,920
Educational Assistance	FRANKLIN UNIVERSITY	(1,274)
	STRS OHIO	(3,202)
		Total (4,476)
Workers' Compensation	SHEAKLEY UNISERVICE INC	25
	STRS OHIO	10,265
		Total 10,290
Life Insurance	MISC. RECEIPTS	(451)
	MUTUAL OF OMAHA	25,134
		Total 24,683
Disability Insurance	MUTUAL OF OMAHA	8,432
		Total 8,432
Wellness	OHIOHEALTH/WORK HEALTH	180
	STRS OHIO	(1,511)
	THE FITNESS STORE	1,050
		Total (281)
	Total Fringe Benefits	1,378,197
Professional and Technical Services		
Audit	TREASURER STATE OF OHIO	85
		Total 85
Contract Services	SOUNDCOM SYSTEMS	1,136
		Total 1,136
Custodial Banking Fees	NORTHERN TRUST	409,545

STATE TEACHERS RETIREMENT SYSTEM

Detailed Operating Expenses
For the Month Ended October 31, 2023

<u>Account</u>	<u>Vendor</u>	<u>Amount</u>
		Total 409,545
Data Management and Analytics	MERATIVE US LP	29,500
		Total 29,500
Disaster Recovery	RECOVERY POINT SYSTEMS	22,225
	REGUS MANAGEMENT GROUP LLC	119
		Total 22,344
Employment Verification	SCREENPOINTE INC	765
		Total 765
Health Care Consultants	BUCK GLOBAL LLC	4,818
		Total 4,818
Insurance Consultant	ALPHA RISK MANAGEMENT INC	16,500
		Total 16,500
Investigative Services	LEXISNEXIS RISK SOLUTIONS	1,426
		Total 1,426
Investment Consultant	CALLAN LLC	194,266
		Total 194,266
Investment Research Services	DTCC ITP LLC	895
	FTSE INTERNATIONAL LTD	16,719
	REFINITIV US LLC	116,073
	TRADEWEB LLC	1,800
	VIRTU ITG PLATFORMS LLC	3,056
	WILSHIRE ADVISORS LLC	8,369
		Total 146,912
Legal Fees	CALFEE HALTER AND GRISWOLD LLP	1,962
	NEWHOUSE PROPHATER KOLMAN & HOGAN LLC	70
	PEREZ & MORRIS LLC	2,075
	TUCKER ELLIS LLP	19,013
		Total 23,120
Medical Examinations	AKRON NEUROLOGY EXPERTS LLC	4,150
	COPC SPORTS SPINE & JOINT	650
	CORTNEY A KOHBERGER	4,800
	DELANEY SMITH MD	2,700
	JAMES N ALLEN, MD	570
	JAMES R. HAWKINS, M.D.	1,200
	JEFFERY C HUTZLER MD	380
	MARC COOPERMAN MD	760
	MARJORIE C GALLAGHER MD	945
	MARTIN J GOTTESMAN MD	16,915
	MEDICAL EVALUATORS LLC	2,284
	OLAYA LIZETTE SOLIS MD	2,400
	OPTIMUM CARDIOLOGY INC	1,200
	QUALIFIED DISABILITY SPECIALISTS INC	675
	RONALD L WHISLER MD	380
	STEIMAN NEUROLOGY GROUP INC	1,726
		Total 41,735
Other Consulting Services	CALFEE HALTER AND GRISWOLD LLP	6,000
	FIFTH THIRD BANK	7,614

STATE TEACHERS RETIREMENT SYSTEM

Detailed Operating Expenses
For the Month Ended October 31, 2023

<u>Account</u>	<u>Vendor</u>	<u>Amount</u>
	LESIC AND CAMPER COMMUNICATIONS	2,500
	Total	16,114
Quotation and Analytic Services	BLOOMBERG FINANCE LP	682,788
	ICE DATA INDICES LLC	93
	NYSE MARKET INC	2,387
	OPTIONS PRICE REPORTING AUTHORITY LLC	536
	TSX INC	467
	Total	686,271
Recruitment Fees	AMERICAN EXPRESS COMPANY	716
	CIRCA	3,902
	DRURY INN & SUITES	122
	IFEYINWA OGUAGHA	3,957
	MAYFLOWER TRANSIT LLC	10,466
	YOURMEMBERSHIP.COM INC	817
	Total	19,980
	Total Professional and Technical Services	1,614,517
Repairs and Maintenance		
Building Maintenance and Equipment	ADMIRAL FLAG POLES	2,921
	ALLIED ROOFING INC	3,437
	AMBIUS LLC	1,592
	BUCK AND SONS LANDSCAPE SERVICE INC	1,563
	CARTER LUMBER	753
	CHEM-AQUA	4,053
	FIBERCARE	4,390
	FIFTH THIRD BANK-CORP CARD	2,073
	GRAINGER INC	(627)
	HARD FIRE SUPPRESION SYSTEMS	6,770
	HERC RENTALS INC	169
	JOHNSON CONTROLS INC	28,914
	LINDE GAS AND EQUIPMENT INC	33
	LOWES BUSINESS ACCOUNT	76
	MCMASTER-CARR SUPPLY COMPANY	227
	PIPE-VALVES INC	338
	PREMIER OFFICE MOVERS, LLC	65
	QUALITY POOLS	599
	SPEER MECHANICAL	12,239
	STEFFENS SHULTZ INC	5,606
	SWEEPING CORP OF AMERICA	4,800
	TERMINIX	450
	THOMAS DOOR CONTROLS INC	638
	TRANE US INC	2,277
	VRC COMPANIES LLC	179
	WESTWATER SUPPLY CO	180
	Total	83,715
Copiers	BLUE TECHNOLOGIES COLUMBUS INC	71
	GORDON FLESCH CO INC	3,408
	WOODHULL LLC	1,207
	Total	4,686
Data Processing Equipment	AKAMAI TECHNOLOGIES INC	96
	BLOOMBERG FINANCE LP	315
	CDW GOVERNMENT INC	223,655
	CLARIS INTERNATIONAL INC.	3,960

STATE TEACHERS RETIREMENT SYSTEM

Detailed Operating Expenses
For the Month Ended October 31, 2023

<u>Account</u>	<u>Vendor</u>	<u>Amount</u>
	CLOUDFLARE INC	1,900
	DELL MARKETING LP	911
	DLT SOLUTIONS INC	24,794
	FACTSET RESEARCH SYSTEMS INC	25,000
	FIFTH THIRD BANK-CORP CARD	4,076
	INCONTACT INC	1,057
	IOVATION INC	20,061
	L- SOFT INTERNATIONAL INC	1,984
	MNJ TECHNOLOGIES DIRECT INC	105,438
	MYTHICS INC	49,686
	ORACLE AMERICA INC	1,626
	REFINITIV US LLC	8,120
	STRUCTURED DATA LLC	179
	ULTRAEDIT INC	2,770
	VITECH SYSTEMS GROUP	8,712
	ZOOM VIDEO COMMUNICATIONS INC	18,376
	Total	502,716
Mail Center Equipment	PITNEY BOWES GLOBAL FINANCIAL SVC LLC	1,209
	Total	1,209
Property Tax and Leases	HOLLINGSWORTH CAPITAL PARTNERS COLS LLC	9,056
	REGUS MANAGEMENT GROUP LLC	1,140
	Total	10,196
Safety & Security Equipment	CLIFTON L SPINNER JR	620
	ELECTROCOMM COLUMBUS CORP	185
	ELECTRONIC SECURITY SERVICES INC	105
	SOUNDCOM SYSTEMS	833
	SUMMIT FIRE & SECURITY LLC	8,884
	Total	10,627
Trash Removal	CLEANLITES RECYCLING	2,508
	WASTE MANAGEMENT INC	2,838
	Total	5,346
	Total Repairs and Maintenance	618,495
Travel and Vehicles		
Gasoline	FIFTH THIRD BANK-CORP CARD	962
	Total	962
Staff and Board Travel	ACI EVENT GROUP INC	163
	ALISON LANZA FALLS	343
	AMERICAN EXPRESS COMPANY	9,485
	BRENDON LYDON	961
	CAROL L CORRETHEERS	206
	CHADWICK MCGEE	669
	CHRISTINA ELLIOTT	1,503
	CLAUDIA HERRINGTON	16
	DALE L PRICE	246
	DANIEL M MOSS	979
	DEANNE SHANAHAN	452
	DEBRA L HULAND	619
	DRURY INN & SUITES	244
	EVELIO ROSARIO III	1,339
	GEOFFREY M BUMP	955
	GREATER CLEVELAND RETIRED TEACHERS ASSOC	17

STATE TEACHERS RETIREMENT SYSTEM

Detailed Operating Expenses
For the Month Ended October 31, 2023

<u>Account</u>	<u>Vendor</u>	<u>Amount</u>
	GREGORY A TAYLOR	596
	JAMES H REESE II	794
	JAMIE LI	1,362
	JASON T JARVIS	475
	JEFFREY A GILDER	68
	JEFFREY L LIESER	1,035
	JOHN MARTINSEN	4,095
	JORDAN WINTERS	7
	JOSEPH B LUBELSKI	653
	JOSEPH E THOMPSON	2,275
	JUSTIN MAURER	1,927
	KELLEY S MCCHRISTY	48
	KEVIN D DEVRIES	1,110
	LAWRENCE M TEDESCHI	1,789
	MARK STRAIT II	711
	MEDPACE INC	18
	MICHAEL MILLER	940
	MISC. RECEIPTS	(586)
	PATRICK DAVIDSON	603
	ROBERTA WAXMAN-LENZ	1,642
	RUDY FICHTENBAUM	144
	SCOTT J HUNT	275
	SHARA D BAILEY	332
	SHELBY OSBORNE	14
	STANTON WEST	1,273
	STEVE JANOWIAK	34
	STEVEN FOREMAN	72
	TAMLA D COLE	243
	TODD W HOHENSTEIN	70
	TODD WOLFORD	1,123
	WILLIAM F SHURMAN II	2,536
	Total	43,875
Vehicle Maintenance	FIFTH THIRD BANK-CORP CARD	14
	GOODYEAR AUTO SERVICE CENTER	316
	Total	330
	Total Travel and Vehicles	45,167
Communications		
Courier Services	RAINBOW EXPRESS INC	975
	UNITED PARCEL SERVICE	230
	Total	1,205
Outsourced Distribution	HOPKINS PRINTING INC	3,247
	Total	3,247
Postage	HOPKINS PRINTING INC	982
	LORTON DATA INC.	291
	MISC. RECEIPTS	(94)
	POSTMASTER	910
	RESERVE ACCOUNT	80,000
	Total	82,089
Printing	CAPITOL SQUARE PRINTING	2,338
	HOPKINS PRINTING INC	14,476
	Total	16,814

STATE TEACHERS RETIREMENT SYSTEM

Detailed Operating Expenses
For the Month Ended October 31, 2023

<u>Account</u>	<u>Vendor</u>	<u>Amount</u>
Telecommunications	AT&T	163
	CHARTER COMMUNICATIONS	261
	COMMANDLINK LLC	2,127
	T-MOBILE	626
	TREASURER STATE OF OHIO	326
	VERIZON BUSINESS	29,047
	VERIZON WIRELESS	2,211
	Total	34,761
	Total Communications	138,116
Utilities		
Electricity	AMERICAN ELECTRIC POWER	65,725
	CITY OF WESTERVILLE	1,172
	MISC. RECEIPTS	(117)
	Total	66,780
Natural Gas	COLUMBIA GAS OF OHIO	263
	SNYDER BROTHERS INC	1,318
	Total	1,581
Water	COLUMBUS CITY TREASURER	4,721
	Total	4,721
	Total Utilities	73,082
Supplies and Materials		
Equipment Supplies	ABS MONEY SYSTEMS INC	1,270
	APPLE COMPUTER, INC.	335
	BAESMAN GROUP INC	2,015
	CDW GOVERNMENT INC	2,393
	CRANDALL OFFICE FURNITURE INC	1,062
	FIFTH THIRD BANK-CORP CARD	1,772
	GORDON FOOD SERVICE	3,555
	I SUPPLY COMPANY	3,559
	IT SAVVY	5,207
	MNJ TECHNOLOGIES DIRECT INC	19,802
	RR DONNELLEY AND SONS COMPANY	13,936
	VERITIV OPERATING COMPANY	8
	Total	54,914
	Food Service Supplies	AVI FOOD SYSTEMS INC
FIFTH THIRD BANK-CORP CARD		396
GORDON FOOD SERVICE		15,259
KROGER-COLUMBUS CUSTOMER CHARGES		238
MISC. RECEIPTS		(1,620)
MISCELLANEOUS EXPENSE		(877)
SAM'S CLUB		238
STRS OHIO		(7,286)
Total	8,001	
Office Supplies	CAPITOL OFFICE SUPPLY	1,732
	CENTRAL OHIO COPIER SUPPLY	995
	EPIC BUSINESS ESSENTIALS	254
	PITNEY BOWES INC	266
	STAPLES BUSINESS ADVANTAGE	1,805
Total	5,052	

STATE TEACHERS RETIREMENT SYSTEM

Detailed Operating Expenses
For the Month Ended October 31, 2023

<u>Account</u>	<u>Vendor</u>	<u>Amount</u>
Publications/Subscriptions	BUSINESS FIRST	170
	DIRECTV	209
	FIFTH THIRD BANK-CORP CARD	1,118
	HRMORNING	299
	JORDAN WINTERS	20
	THOMSON REUTERS INC	1,721
	THOMSON REUTERS-WEST	283
	Total	3,820
Uniforms	CINTAS CORPORATION	2,100
	UNIFIRST CORPORATION	714
	Total	2,814
	Total Supplies and Materials	74,601
Other Expenses		
Conferences and Seminars	CINNAMON J SAKICH	308
	HUMAN RESOURCES ASSOCIATION-CENTRAL OH	175
	ISACA CENTRAL OHIO CHAPTER	325
	MARK A REED	329
	MISC. RECEIPTS	(5,375)
	PUBLIC SECTOR HEALTHCARE ROUNDTABLE	1,000
	RED GATE SOFTWARE LTD	3,485
ROBERTA WAXMAN-LENZ	150	
	Total	397
Dues and Licenses	COUNCIL OF INSTITUTIONAL INVESTORS	25,000
	JASON WHITE	244
	LAMBDA ALPHA INTERNATIONAL	260
	NARASIMHA R VADREVU	295
	NATL ASSOC OF PUBLIC PENSION ATTORNEYS	1,050
	NIRS RESEARCH AND EDUCATION FUN	10,500
	PUBLIC RELATIONS SOCIETY OF AMERICA	327
	PUBLIC SECTOR HEALTHCARE ROUNDTABLE	2,800
	RICHARD A HARMAN JR	85
	STANTON WEST	113
	TODD JACOBSON	645
	URBAN LAND INSTITUTE	264
VENKATESH THAGADUR	233	
	Total	41,816
Insurance	ARC EXCESS & SURPLUS, LLC	674,069
	Total	674,069
Member Education Programs	DOUBLETREE HOTEL	769
	FIFTH THIRD BANK-CORP CARD	305
	HAMPTON INN YOUNGSTOWN	500
	HOLIDAY INN BOARDMAN	650
	HOLIDAY INN EXPRESS AND SUITES	600
	KIMBERLY K DONALD	17
	Total	2,841
Miscellaneous	CAPITOL SQUARE REVIEW & ADVISORY BOARD	200
	FIFTH THIRD BANK-CORP CARD	15
	MISCELLANEOUS EXPENSE	190
	STRS OHIO	21
	TL SAVAGE INC	56
VRC COMPANIES LLC	149	

STATE TEACHERS RETIREMENT SYSTEM

Detailed Operating Expenses
For the Month Ended October 31, 2023

<u>Account</u>	<u>Vendor</u>	<u>Amount</u>
		Total 631
Other Board Expense	MISCELLANEOUS EXPENSE	393
		Total 393
Other Staff Expense	CHRISSIE L GROSSHOLZ	17
	CHRISTINE M SCHOENLEB	17
	CLARISSA R LOPEZ KHALIFE RAWAS	17
	DEBRA DOWLER	50
	FIFTH THIRD BANK-CORP CARD	88
	HEATHER M LEWIS	17
	HEATHER SHARPE	40
	JANET A WOODLAND	17
	JOYCE E BALDWIN	116
	KATHRYN S MORTON	50
	KERIN B ELGIN	17
	LIDA C RAMOS	10
	MAPLE LEE FLOWERS	68
	MATTHEW C HOLMAN	435
	MISCELLANEOUS EXPENSE	294
	STACIE L HINES	17
	STRS OHIO	(685)
	SUZAN J WALTERS	200
	WILLIE VANN	20
		Total 805
Training	ANISES DAVIS	52
		Total 52
	Total Other Expenses	721,004
State of Ohio Expenses		
Ohio Retirement Study Comm	OHIO RETIREMENT STUDY COUNCIL	78,819
		Total 78,819
Ohio AG Reimbursement	STATE OF OHIO ATTORNEY GENERALS OFFICE	20,182
		Total 20,182
State Treas Processing Charges	TREASURER STATE OF OHIO	162
		Total 162
	Total State of Ohio Expenses	99,163
Total Operating Expenses		9,272,184