



## August Financial Reporting & Expenses

Succeeding this cover page are the STRS Ohio financial reports & expenses for the period ending Aug. 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](mailto:ContactUs@strsoh.org).

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

	<b>Defined Benefit Plans</b>	<b>Defined Contribution</b>	<b>Postemployment Healthcare</b>	<b>Totals</b>
<b>Additions:</b>				
<b>Contributions:</b>				
Member	295,925,069	24,418,734		\$320,343,803
Employer	312,422,190	9,496,174		\$321,918,364
Transfers from Defined Contribution Plan	(334,483)	334,483		
Government reimbursements			12,577,451	12,577,451
Benefit recipient healthcare premiums			19,915,965	19,915,965
Other retirement systems	10,797,323			10,797,323
Total contributions	<u>618,810,099</u>	<u>34,249,391</u>	<u>32,493,416</u>	<u>685,552,906</u>
<b>Net investment income (loss)</b>	<b><u>528,671,876</u></b>	<b><u>21,328,124</u></b>	<b><u>30,000,000</u></b>	<b><u>580,000,000</u></b>
<b>Total additions</b>	<b>\$1,147,481,975</b>	<b>\$55,577,515</b>	<b>\$62,493,416</b>	<b>\$1,265,552,906</b>
<b>Deductions:</b>				
Service retirement	1,205,735,333			1,205,735,333
Disability retirement	29,253,632			29,253,632
Survivor benefits	21,124,095			21,124,095
Health care			51,007,943	51,007,943
Other	10,132,637			10,132,637
Total benefit payments	<u>1,266,245,697</u>		<u>51,007,943</u>	<u>1,317,253,640</u>
Refunds to members who have withdrawn	48,192,155	21,672,704		69,864,859
Administrative expenses	15,189,395		401,702	15,591,097
<b>Total deductions</b>	<b><u>\$1,329,627,247</u></b>	<b><u>\$21,672,704</u></b>	<b><u>\$51,409,645</u></b>	<b><u>\$1,402,709,596</u></b>
<b>Net increase (decrease)</b>	<b>(\$182,145,272)</b>	<b>\$33,904,811</b>	<b>\$11,083,770</b>	<b>(\$137,156,691)</b>
<b>Net position held in trust for pension and postemployment healthcare benefits</b>				
<b>Beginning of year</b>	<b><u>83,557,830,292</u></b>	<b><u>2,578,984,045</u></b>	<b><u>4,780,918,375</u></b>	<b><u>90,917,732,712</u></b>
<b>End of period</b>	<b><u><u>\$83,375,685,020</u></u></b>	<b><u><u>\$2,612,888,856</u></u></b>	<b><u><u>\$4,792,002,145</u></u></b>	<b><u><u>\$90,780,576,021</u></u></b>

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

	August	July	Year-to-Date	Expected Budget-to-Date	Annual Budget	Prior Year-to-Date
Compensation	\$ 4,127,430	\$ 4,347,996	\$ 8,475,426	\$ 8,556,122	\$ 69,361,200	\$ 10,238,130
Fringe Benefits	1,419,666	1,661,658	3,081,324	3,014,189	20,392,000	3,332,719
Professional and Technical Services	854,169	1,592,233	2,446,402	2,577,126	13,106,500	1,663,331
Repairs and Maintenance	357,190	579,779	936,969	998,555	6,298,700	1,111,952
Travel and Vehicles	16,228	1,759	17,987	49,816	564,100	28,597
Communications	60,268	60,747	121,015	152,338	2,016,300	129,686
Utilities	89,906	2,475	92,381	181,473	1,155,000	136,894
Supplies and Materials	42,258	50,226	92,484	131,108	788,400	153,006
Other Expenses	26,289	221,903	248,192	283,580	1,550,700	180,349
State of Ohio Expenses	98	78,819	78,917	75,333	377,000	83,181
<b>Total Operating Expenses</b>	<b>\$ 6,993,502</b>	<b>\$ 8,597,595</b>	<b>\$ 15,591,097</b>	<b>\$ 16,019,640</b>	<b>\$ 115,609,900</b>	<b>\$ 17,057,845</b>
Capital Budget	\$ 203,865	\$ 377,059	\$ 580,924	\$ 580,924	\$ 8,333,500	\$ 192,496
Capital Budget Carryover:	\$ 342,038	\$ 0	\$ 342,038	\$ 342,038	\$ 3,066,200	\$ 220,889

State of Ohio expenses were included in total operating expenses to conform with the fiscal 2023 budget.

Staffing Information:	August	July	June
Budgeted FTE Associates	504	504	521
Full Time Equivalent Associates	484	484	487
Open FTE Positions	14	13	10

Mr. Price moved, seconded by Ms. Herrington, that the report be accepted and the expenditures for the month ending August 31, 2023 in the total amount of \$7,539,405 be approved.

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

	August	July	Year-to-Date	Expected Budget-to-Date	Annual Budget	Prior Year-to-Date
<b>COMPENSATION</b>						
Salary and Wages	\$ 4,111,425	\$ 4,130,632	\$ 8,242,057	\$ 8,452,723	\$ 54,942,700	\$ 10,127,304
Other Compensation	1,552	1,978	3,530	2,573	14,200	3,158
Incentive Compensation	0	0	0	0	11,100,000	0
Unused Vacation and Sick Leave	4,999	206,597	211,596	82,899	3,188,700	73,831
Overtime	8,604	6,614	15,218	14,902	74,800	18,587
Service Awards	850	2,175	3,025	3,025	40,800	15,250
Total Compensation	\$ 4,127,430	\$ 4,347,996	\$ 8,475,426	\$ 8,556,122	\$ 69,361,200	\$ 10,238,130
<b>FRINGE BENEFITS</b>						
OPERS Employer Cost	\$ 585,016	\$ 584,966	\$ 1,169,982	\$ 1,168,234	\$ 9,200,600	\$ 1,431,456
Medical/Hospitalization Insurance	675,475	926,593	1,602,068	1,500,000	9,000,000	1,575,034
Medicare	58,577	61,703	120,280	156,477	1,017,100	145,197
Dental Insurance	43,267	43,228	86,495	91,400	550,000	87,152
Educational Assistance	15,387	3,679	19,066	9,375	70,000	7,865
Workers' Compensation	9,749	10,847	20,596	24,615	160,000	24,082
Life Insurance	24,111	23,787	47,898	46,884	284,200	46,388
Disability Insurance	8,357	8,417	16,774	17,204	103,500	16,841
Wellness	(273)	(1,562)	(1,835)	0	0	(1,296)
Unemployment Compensation	0	0	0	0	6,600	0
Total Fringe Benefits	\$ 1,419,666	\$ 1,661,658	\$ 3,081,324	\$ 3,014,189	\$ 20,392,000	\$ 3,332,719
<b>PROFESSIONAL AND TECHNICAL SERVICES</b>						
Actuary	\$ 0	\$ 0	\$ 0	\$ 0	\$ 303,500	\$ 0
Audit	0	15,000	15,000	28,083	168,500	15,000
Banking Expense	0	0	0	28,333	170,000	19,561
Board Election Processing	0	0	0	0	75,600	0
Contract Services	0	0	0	0	314,000	0
Custodial Banking Fees	0	0	0	75,000	2,050,000	55,346
Data Management and Analytics	0	0	0	0	123,000	(3,608)
Disaster Recovery	22,422	21,975	44,397	43,517	261,100	33,109
Employment Verification	608	172	780	782	8,600	918
Health Care Consultant	0	0	0	0	166,500	0
Insurance Consultant	16,500	0	16,500	16,339	96,500	16,000
Investigative Services	1,281	0	1,281	1,733	57,900	1,619
Investment Consultant	0	0	0	31,350	1,183,000	20,833
Investment Research Services	79,754	1,519,779	1,599,533	1,599,533	3,322,100	917,861
Legal Fees	96,321	0	96,321	83,333	500,000	15,634
Medical Examinations	43,896	18,488	62,384	53,583	321,500	36,843
Other Consulting Services	16,602	1,800	18,402	9,326	782,300	10,515
Quotation and Analytic Services	573,374	536	573,910	585,162	2,973,400	513,564
Real Estate Contract Services	0	11,000	11,000	14,750	59,000	5,500
Recruitment Fees	3,411	3,483	6,894	6,301	150,000	4,636
Temporary Employment Services	0	0	0	0	20,000	0
Total Professional/Technical Services	\$ 854,169	\$ 1,592,233	\$ 2,446,402	\$ 2,577,126	\$ 13,106,500	\$ 1,663,331

August Expenses vs. Budget  
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	August	July	Year-to-Date	Expected Budget-to-Date	Annual Budget	Prior Year-to-Date
<b>REPAIRS AND MAINTENANCE</b>						
Building Maintenance and Equipment	\$ 115,330	\$ 86,991	\$ 202,321	\$ 140,833	\$ 845,000	\$ (142,625)
Copiers	2,614	1,587	4,201	2,722	68,500	1,268
Data Processing Equipment	203,836	454,479	658,315	800,200	4,801,200	1,129,002
Elevators	0	478	478	3,824	100,000	3,180
Mail Center Equipment	1,500	0	1,500	1,722	28,000	1,319
Property Tax and Leases	10,195	10,195	20,390	16,576	251,000	18,112
Safety and Security Equipment	17,309	24,828	42,137	28,333	170,000	96,714
Trash Removal	6,406	1,221	7,627	4,344	35,000	4,982
Total Repairs and Maintenance	\$ 357,190	\$ 579,779	\$ 936,969	\$ 998,555	\$ 6,298,700	\$ 1,111,952
<b>TRAVEL AND VEHICLES</b>						
Gasoline	\$ 160	\$ 0	\$ 160	\$ 184	\$ 3,800	\$ 295
Staff and Board Travel	16,054	1,638	17,692	48,882	555,800	28,288
Vehicle Maintenance	14	121	135	750	4,500	14
Total Travel and Vehicles	\$ 16,228	\$ 1,759	\$ 17,987	\$ 49,816	\$ 564,100	\$ 28,597
<b>COMMUNICATIONS</b>						
Courier Services	\$ 2,406	\$ 743	\$ 3,149	\$ 3,759	\$ 25,100	\$ 2,943
Outsourced Distribution	0	0	0	0	105,000	7,455
Photography / Media	0	0	0	0	7,300	0
Postage	4,892	(36)	4,856	13,733	985,100	14,101
Printing	13,961	32,576	46,537	68,753	411,000	44,642
Telecommunications	39,009	27,464	66,473	66,093	482,800	60,545
Total Communications	\$ 60,268	\$ 60,747	\$ 121,015	\$ 152,338	\$ 2,016,300	\$ 129,686
<b>UTILITIES</b>						
Electricity	\$ 77,400	\$ (91)	\$ 77,309	\$ 150,000	\$ 900,000	\$ 102,197
Natural Gas	6,443	2,566	9,009	24,090	150,000	28,277
Oil	0	0	0	0	15,000	0
Water	6,063	0	6,063	7,384	90,000	6,420
Total Utilities	\$ 89,906	\$ 2,475	\$ 92,381	\$ 181,473	\$ 1,155,000	\$ 136,894
<b>SUPPLIES AND MATERIALS</b>						
Equipment Supplies	\$ 24,502	\$ 44,516	\$ 69,018	\$ 89,721	\$ 522,300	\$ 115,096
Food Service Supplies	3,281	2,022	5,303	10,583	63,500	13,097
Office Supplies	2,441	1,262	3,703	3,583	34,000	4,213
Personal Computer Software	0	0	0	0	17,000	699
Publications/Subscriptions	8,484	664	9,148	20,897	108,100	14,011
Uniforms	3,550	1,762	5,312	6,322	43,500	5,890
Total Supplies and Materials	\$ 42,258	\$ 50,226	\$ 92,484	\$ 131,108	\$ 788,400	\$ 153,006

August Expenses vs. Budget  
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	August	July	Year-to-Date	Expected Budget-to-Date	Annual Budget	Prior Year-to-Date
<b>OTHER EXPENSES</b>						
Board Employer Reimbursement	\$ 0	\$ 0	\$ 0	\$ 0	\$ 3,000	\$ 0
Conferences and Seminars	7,405	2,299	9,704	17,300	103,800	2,739
Dues and Licenses	2,942	1,913	4,855	5,296	174,500	4,392
Insurance	0	213,214	213,214	213,214	960,000	164,960
Member/Employer Education Programs	(1,341)	1,852	511	15,250	91,500	2,627
Miscellaneous Expense	368	221	589	3,459	21,300	3,321
Other Board Expense	423	0	423	228	3,800	195
Other Staff Expense	852	(686)	166	0	19,800	(875)
Training	15,640	3,090	18,730	28,833	173,000	2,990
<b>Total Other Expenses</b>	<b>\$ 26,289</b>	<b>\$ 221,903</b>	<b>\$ 248,192</b>	<b>\$ 283,580</b>	<b>\$ 1,550,700</b>	<b>\$ 180,349</b>
<b>STATE OF OHIO EXPENSES</b>						
ORSC	0	78,819	78,819	75,000	300,000	11,805
Ohio Attorney General Reimbursement	0	0	0	0	75,000	71,272
Treasurer Check Clearing	98	0	98	333	2,000	104
<b>Total State of Ohio Expenses</b>	<b>\$ 98</b>	<b>\$ 78,819</b>	<b>\$ 78,917</b>	<b>\$ 75,333</b>	<b>\$ 377,000</b>	<b>\$ 83,181</b>
<b>Total Operating Expenses</b>	<b>\$ 6,993,502</b>	<b>\$ 8,597,595</b>	<b>\$ 15,591,097</b>	<b>\$ 16,019,640</b>	<b>\$ 115,609,900</b>	<b>\$ 17,057,845</b>

	August	July	Year-to-Date	Expected Budget-to-Date	Annual Budget	Prior Year-to-Date
Building Improvements	\$ 7,011	\$ 0	\$ 7,011	\$ 7,011	\$ 350,000	\$ 37,847
Furniture & Fixtures	0	0	0	0	0	0
Audio Visual	0	0	0	0	0	0
Information Processing	181,083	371,850	552,933	552,933	6,453,400	0
Maintenance	15,772	5,209	20,981	20,981	690,100	141,735
Miscellaneous	0	0	0	0	0	0
Office	0	0	0	0	30,000	7,575
Telecommunications	0	0	0	0	0	0
Vehicles	0	0	0	0	0	0
Computer Software	0	0	0	0	810,000	5,339
<b>Total Capital Budget</b>	<b>\$ 203,865</b>	<b>\$ 377,059</b>	<b>\$ 580,924</b>	<b>\$ 580,924</b>	<b>\$ 8,333,500</b>	<b>\$ 192,496</b>
<b>Capital Budget Carryover:</b>						
Fiscal 2023	\$ 4,009	\$ 0	\$ 4,009	\$ 4,009	\$ 2,057,041	\$ 0
Fiscal 2022	338,029	0	338,029	338,029	1,009,214	220,889
<b>Total Capital Budget Carryover</b>	<b>\$ 342,038</b>	<b>\$ 0</b>	<b>\$ 342,038</b>	<b>\$ 342,038</b>	<b>\$ 3,066,200</b>	<b>\$ 220,889</b>

## August 2023 Expense Notes

### General Comments

Actual fiscal year-to-date operating expenses total \$15.6 million which is approximately \$400,000 under the expected budget.

### Compensation and Fringe Benefits

Educational Assistance was provided for seven associates in August.

### Professional and Technical Services

Cloud backup storage is included in Disaster Recovery. A quarterly retainer was paid to the Insurance Consultant. Investment Research Services includes quarterly private market research services. Legal Fees include fees paid to outside counsel. Payment for the medical review board chair services is included in Medical Examinations. Other Consulting Services includes one month of external government relations services. Quotation and Analytic Services include Bloomberg charges.

### Repairs and Maintenance

Building Maintenance and Equipment includes annual preventative fire alarm system and roof maintenance. Data Processing Equipment includes annual support for data warehouse and virtual server technology. Annual fire sprinkler inspections are included in Safety and Security Equipment.

### Utilities

Electricity, Natural Gas and Water are for usage through July.

### Other Expenses

Training for the replacement cloud-based investment portfolio system is included in Training.

### Capital Budget

Capital items for August include payment for the replacement cloud-based investment portfolio system and garage access gates.

### Capital Budget Carryover

The capital budget carryover includes payment for the replacement data center cooling system.

**STATE TEACHERS RETIREMENT SYSTEM**

Detailed Operating Expenses

For the Month Ended August 31, 2023

<u>Account</u>	<u>Vendor</u>	<u>Amount</u>
<b>Compensation</b>		
Salaries & Wages	STRS OHIO	4,118,826
	<b>Total</b>	<b>4,118,826</b>
Overtime	STRS OHIO	8,604
	<b>Total</b>	<b>8,604</b>
	<b>Total Compensation</b>	<b>4,127,430</b>
<b>Fringe Benefits</b>		
OPERS Employer Cost	STRS OHIO	585,016
	<b>Total</b>	<b>585,016</b>
Medical/Hospitalization Insurance	AETNA BEHAVIORAL HEALTH LLC-ASSOC	665
	AETNA LIFE INSURANCE COMPANY	586,892
	AETNA-ASSOC PREM	13,786
	EXPRESS SCRIPTS IN	180,063
	MERATIVE US LP	5,250
	MISC. RECEIPTS	(18,804)
	STRS OHIO	(92,377)
	<b>Total</b>	<b>675,475</b>
Medicare	STRS OHIO	58,577
	<b>Total</b>	<b>58,577</b>
Dental Insurance	DELTA DENTAL	43,842
	MISC. RECEIPTS	(574)
	<b>Total</b>	<b>43,267</b>
Educational Assistance	COLUMBUS STATE COMMUNITY COLLEGE	2,135
	FRANKLIN UNIVERSITY	2,144
	MEREDITH H WAHLERS	936
	MISC. RECEIPTS	(459)
	SOUTHERN NEW HAMPSHIRE UNIVERSITY	921
	THE OHIO STATE UNIVERSITY	9,710
	<b>Total</b>	<b>15,387</b>
Workers' Compensation	STRS OHIO	9,749
	<b>Total</b>	<b>9,749</b>
Life Insurance	MISC. RECEIPTS	(446)
	MUTUAL OF OMAHA	24,557
	<b>Total</b>	<b>24,111</b>
Disability Insurance	MUTUAL OF OMAHA	8,357
	<b>Total</b>	<b>8,357</b>
Wellness	OHIOHEALTH/WORK HEALTH	1,260
	STRS OHIO	(1,533)
	<b>Total</b>	<b>(273)</b>



**STATE TEACHERS RETIREMENT SYSTEM**

Detailed Operating Expenses

For the Month Ended August 31, 2023

<u>Account</u>	<u>Vendor</u>	<u>Amount</u>
	<b>Total Fringe Benefits</b>	<b>1,419,666</b>
<b>Professional and Technical Services</b>		
Disaster Recovery	RECOVERY POINT SYSTEMS	22,225
	REGUS MANAGEMENT GROUP LLC	197
	<b>Total</b>	<b>22,422</b>
Employment Verification	FIFTH THIRD BANK-CORP CARD	70
	OHIOHEALTH/WORK HEALTH	100
	SCREENPOINTE INC	438
	<b>Total</b>	<b>608</b>
Insurance Consultant	ALPHA RISK MANAGEMENT INC	16,500
	<b>Total</b>	<b>16,500</b>
Investigative Services	LEXISNEXIS RISK SOLUTIONS	1,281
	<b>Total</b>	<b>1,281</b>
Investment Research Services	DTCC ITP LLC	924
	FRANK RUSSELL COMPANY	16,505
	PENSION FUND DATA EXCHANGE LTD	1,250
	PITCHBOOK DATA INC	10,350
	STEPSTONE GROUP LP	37,500
	TRADEWEB LLC	1,800
	VIRTU ITG PLATFORMS LLC	3,056
	WILSHIRE ADVISORS LLC	8,369
	<b>Total</b>	<b>79,754</b>
Legal Fees	CALFEE HALTER AND GRISWOLD LLP	74,517
	ISAAC WILES AND BURKHOLDER LLC	23
	PEREZ & MORRIS LLC	9,025
	TUCKER ELLIS LLP	12,756
	<b>Total</b>	<b>96,321</b>
Medical Examinations	AKRON NEUROLOGY EXPERTS LLC	2,825
	ALBERT J KOLIBASH JR MD	960
	CLAIRE V WOLFE MD	760
	CORTNEY A KOHBERGER	3,600
	FORUM OHIO LLC	7,175
	INDEPENDENT EVALUATORS INC	750
	JAMES N ALLEN, MD	1,430
	JAMES R. HAWKINS, M.D.	600
	JEFFERY C HUTZLER MD	670
	JOHN R LOUGHREY MD	1,000
	KIDNEY SPECIALISTS INC	550
	MARC COOPERMAN MD	770
	MARTIN J GOTTESMAN MD	8,458
	MEDICAL ASSESSMENTS LLC	1,650
MEDICAL EVALUATORS LLC	3,123	
OLAYA LIZETTE SOLIS MD	800	

**STATE TEACHERS RETIREMENT SYSTEM**

Detailed Operating Expenses

For the Month Ended August 31, 2023

<u>Account</u>	<u>Vendor</u>	<u>Amount</u>
	RONALD L WHISLER MD	950
	SOUTHEAST OHIO REGIONAL ORTHOPAEDIC LLC	600
	STEIMAN NEUROLOGY GROUP INC	1,725
	TETYANA BODNAR MD	5,500
	<b>Total</b>	<b>43,896</b>
Other Consulting Services	CALFEE HALTER AND GRISWOLD LLP	6,000
	FIFTH THIRD BANK	7,608
	FLEXIBLE BENEFIT ADMINISTRATORS INC	388
	HALLENROSS AND ASSOCIATES LLC	106
	LESIC AND CAMPER COMMUNICATIONS	2,500
	<b>Total</b>	<b>16,602</b>
Quotation and Analytic Services	BLOOMBERG FINANCE LP	569,890
	ICE DATA INDICES LLC	93
	NYSE MARKET INC	2,387
	OPTIONS PRICE REPORTING AUTHORITY LLC	536
	TSX INC	468
	<b>Total</b>	<b>573,374</b>
Recruitment Fees	AMERICAN EXPRESS COMPANY	411
	INDEED INC	3,000
	<b>Total</b>	<b>3,411</b>
	<b>Total Professional and Technical Services</b>	<b>854,169</b>
<b>Repairs and Maintenance</b>		
Building Maintenance and Equipment	AMBIUS LLC 05	1,592
	ARBA RETAIL SYSTEMS	3,376
	ASH-LYN PRODUCTS LLC	1,384
	BOILER TECH INC	844
	BUCK AND SONS LANDSCAPE SERVICE INC	1,563
	CARR SUPPLY COLUMBUS	568
	CARTER LUMBER	1,453
	EASTWAY SUPPLIES INC	6,128
	FASTSIGNS	52
	FIBERCARE	4,390
	FIFTH THIRD BANK-CORP CARD	2,857
	GOODWAY TECHNOLOGIES CORPORATION	147
	GRAINGER INC	6,209
	HAROLD J BECKER COMPANY INC	26,000
	JOHNSON CONTROLS FIRE PROTECTION LP	26,553
	KETCHUM WALTON CO	13,453
	LINDE GAS AND EQUIPMENT INC	33
	LOEB ELECTRIC CO	1,797
	MCMASTER-CARR SUPPLY COMPANY	555
	NELBUD	619
	OHIO POWER TOOL INC	498
	PIPE-VALVES INC	82
	QUALITY POOLS	1,448
	SPEER MECHANICAL	6,275

**STATE TEACHERS RETIREMENT SYSTEM**

Detailed Operating Expenses

For the Month Ended August 31, 2023

<u>Account</u>	<u>Vendor</u>	<u>Amount</u>
	TERMINIX	450
	TRANE US INC	3,563
	ULINE INC	3,208
	VRC COMPANIES LLC	233
	<b>Total</b>	<b>115,330</b>
Copiers	GORDON FLESCH CO INC	1,260
	IMPACT NETWORKING LLC	58
	MODERN OFFICE METHODS INC	702
	WOODHULL LLC	594
	<b>Total</b>	<b>2,614</b>
Data Processing Equipment	AKAMAI TECHNOLOGIES INC	96
	APPLE COMPUTER, INC.	4,796
	APRYSE CORP	1,211
	AVANQUEST PDFFORGE GMBH	2,664
	BLOOMBERG FINANCE LP	7,645
	CLOUDFLARE INC	3,800
	CODE SOFTWARE LLC	9,049
	CONVERGE ONE INC	2,053
	DELL MARKETING LP	848
	FIFTH THIRD BANK-CORP CARD	882
	INCONTACT INC	1,057
	INDEPENDENTSOFT	159
	INFORMATICA	57,329
	IOVATION INC	17,217
	PEAK TECHNOLOGIES INC	7,204
	SHI CORP	2,954
	TE-SYSTEMS INC	1,833
	TECHSMITH	1,409
	THE OHIO STATE UNIVERSITY	60,397
	VIRTUAL HOLD TECHNOLOGY SOLUTIONS	21,233
	<b>Total</b>	<b>203,836</b>
Mail Center Equipment	ABS MONEY SYSTEMS INC	1,500
	<b>Total</b>	<b>1,500</b>
Property Tax and Leases	HOLLINGSWORTH CAPITAL PARTNERS COLS LLC	9,056
	REGUS MANAGEMENT GROUP LLC	1,139
	<b>Total</b>	<b>10,195</b>
Safety & Security Equipment	COLUMBUS CITY TREASURER	150
	ELECTRONIC SECURITY SERVICES INC	326
	FIFTH THIRD BANK-CORP CARD	24
	HARD FIRE SUPPRESION SYSTEMS	12,000
	MICHAEL R CHRISTIE	279
	STEWART SECURITY INC	47
	THE DOOR COMPANY	1,052
	THOMAS DOOR CONTROLS INC	2,781
	WILLIAM CASKEY	650
	<b>Total</b>	<b>17,309</b>

**STATE TEACHERS RETIREMENT SYSTEM**

Detailed Operating Expenses

For the Month Ended August 31, 2023

<u>Account</u>	<u>Vendor</u>	<u>Amount</u>
Trash Removal	MISC. RECEIPTS	(38)
	REPUBLIC SERVICES #046	2,172
	WASTE MANAGEMENT INC	4,272
	<b>Total</b>	<b>6,406</b>
<b>Total Repairs and Maintenance</b>		<b>357,190</b>
<b>Travel and Vehicles</b>		
Gasoline	FIFTH THIRD BANK-CORP CARD	111
	KEATON RICHEY	49
	<b>Total</b>	<b>160</b>
Staff and Board Travel	AMERICAN EXPRESS COMPANY	5,389
	ARTHUR B. LARD	197
	BRENDON LYDON	81
	CAROL L CORRETHEERS	243
	CBRE	100
	CLAUDIA HERRINGTON	78
	CRAIG HORMANN	61
	DEANNE SHANAHAN	129
	JAMES D DUPLER	408
	JASON A SAUER	1,217
	JASON T JARVIS	1,013
	JOSHUA JOHNSTON	25
	JOY L NELSON	1,051
	JULIE SELLERS	215
	KARRIE L HARTLEY	3
	MARCY L HILL	25
	MARK M HENDERSHOT	25
	ROBERTA WAXMAN-LENZ	2,693
	RUDY FICHTENBAUM	182
	SCOTT J HUNT	275
	STANTON WEST	1,083
STEVE JANOWIAK	54	
STEVEN FOREMAN	76	
TIFFANY RUFRANO	101	
WILLIAM J NEVILLE JR	1,330	
<b>Total</b>	<b>16,054</b>	
Vehicle Maintenance	FIFTH THIRD BANK-CORP CARD	14
	<b>Total</b>	<b>14</b>
<b>Total Travel and Vehicles</b>		<b>16,228</b>
<b>Communications</b>		
Courier Services	COYOTE LOGISTICS LLC	343
	FEDEX	29
	RAINBOW EXPRESS INC	1,025
	UNITED PARCEL SERVICE	1,009
<b>Total</b>	<b>2,406</b>	

**STATE TEACHERS RETIREMENT SYSTEM**

Detailed Operating Expenses

For the Month Ended August 31, 2023

<b><u>Account</u></b>	<b><u>Vendor</u></b>	<b><u>Amount</u></b>
Postage	HOPKINS PRINTING INC	75
	LORTON DATA INC.	289
	PRESSWORKS	1,195
	TREASURER STATE OF OHIO	3,333
	<b>Total</b>	<b>4,892</b>
Printing	CAPITOL SQUARE PRINTING	7,326
	PRESSWORKS	3,975
	WESTERN STATES ENVELOPE & LABEL	2,660
	<b>Total</b>	<b>13,961</b>
Telecommunications	AT&T	191
	CHARTER COMMUNICATIONS	261
	COMMANDLINK LLC	2,127
	MISC. RECEIPTS	(872)
	T-MOBILE	294
	TREASURER STATE OF OHIO	326
	VERIZON BUSINESS	34,531
	VERIZON WIRELESS	2,151
	<b>Total</b>	<b>39,009</b>
	<b>Total Communications</b>	<b>60,268</b>
<b>Utilities</b>		
Electricity	AMERICAN ELECTRIC POWER	76,131
	CITY OF WESTERVILLE	1,399
	MISC. RECEIPTS	(130)
	<b>Total</b>	<b>77,400</b>
Natural Gas	COLUMBIA GAS OF OHIO	1,970
	SNYDER BROTHERS INC	4,473
	<b>Total</b>	<b>6,443</b>
Water	COLUMBUS CITY TREASURER	6,063
	<b>Total</b>	<b>6,063</b>
	<b>Total Utilities</b>	<b>89,906</b>
<b>Supplies and Materials</b>		
Equipment Supplies	ACTION SUPPLY PRODUCTS INC	504
	CARMENS DISTRIBUTION SYSTEMS INC	339
	CDW GOVERNMENT INC	1,194
	FASTSIGNS	165
	FIFTH THIRD BANK-CORP CARD	3,826
	GORDON FOOD SERVICE	2,244
	I SUPPLY COMPANY	4,974
	IT SAVVY	1,507
	JEFFREY A GILDER	117
	MNJ TECHNOLOGIES DIRECT INC	2,324
	SOFTCHOICE CORPORATION	6,240

**STATE TEACHERS RETIREMENT SYSTEM**

Detailed Operating Expenses

For the Month Ended August 31, 2023

<u>Account</u>	<u>Vendor</u>	<u>Amount</u>
	VERITIV OPERATING COMPANY	1,068
	<b>Total</b>	<b>24,502</b>
Food Service Supplies	AVI FOOD SYSTEMS INC	2,580
	AW	654
	FIFTH THIRD BANK-CORP CARD	437
	GORDON FOOD SERVICE	10,046
	KROGER-COLUMBUS CUSTOMER CHARGES	96
	MISC. RECEIPTS	(2,225)
	MISCELLANEOUS EXPENSE	(627)
	ODP BUSINESS SOLUTIONS LLC	41
	SAM'S CLUB	222
	STRS OHIO	(7,943)
	<b>Total</b>	<b>3,281</b>
Office Supplies	BLUE BOX CORRUGATED INC	280
	CENTRAL OHIO COPIER SUPPLY	1,555
	EPIC BUSINESS ESSENTIALS	35
	MITCHELL LOCK LLC	27
	ODP BUSINESS SOLUTIONS LLC	22
	STAPLES BUSINESS ADVANTAGE	522
	<b>Total</b>	<b>2,441</b>
Publications/Subscriptions	DIRECTV	208
	FIFTH THIRD BANK-CORP CARD	1,156
	GANNETT HOLDINGS OHIO	1,097
	JORDAN WINTERS	40
	THOMSON REUTERS-WEST	283
	WILLIS TOWERS WATSON US LLC	5,700
	<b>Total</b>	<b>8,484</b>
Uniforms	CINTAS CORPORATION	3,128
	UNIFIRST CORPORATION	422
	<b>Total</b>	<b>3,550</b>
	<b>Total Supplies and Materials</b>	<b>42,258</b>
<b>Other Expenses</b>		
Conferences and Seminars	BRIAN GRINNELL	720
	IIBA COLUMBUS CHAPTER	597
	NATL ASSCN GOVRMNT DEFINED CONTRIB ADMIN	800
	PUBLIC PENSION FINANCIAL FORUM	3,325
	STANTON WEST	400
	THOMAS SWOGGER	1,295
	TIFFANY RUFRANO	119
	WALLACE J ROBINSON	149
	<b>Total</b>	<b>7,405</b>
Dues and Licenses	CFA SOCIETY OF COLUMBUS	80
	COLUMBUS BAR ASSOCIATION	470
	FREDERICK SETON STALEY III	799

**STATE TEACHERS RETIREMENT SYSTEM**

Detailed Operating Expenses

For the Month Ended August 31, 2023

<u>Account</u>	<u>Vendor</u>	<u>Amount</u>
	JUSTIN MAURER	459
	PUBLIC PENSION FINANCIAL FORUM	300
	RYAN E JOHANSEN	60
	SUCHIT ARORA	609
	TIFFANY RUFRANO	50
	TODD JACOBSON	115
	<b>Total</b>	<b>2,942</b>
Member Education Programs	MISC. RECEIPTS	(1,341)
	<b>Total</b>	<b>(1,341)</b>
Miscellaneous	CAPITOL SQUARE REVIEW & ADVISORY BOARD	200
	FIFTH THIRD BANK-CORP CARD	23
	STRS OHIO	21
	VRC COMPANIES LLC	124
	<b>Total</b>	<b>368</b>
Other Board Expense	MISCELLANEOUS EXPENSE	423
	<b>Total</b>	<b>423</b>
Other Staff Expense	BOYD A THOMAS	232
	JENNIFER MOSLEY	1,133
	MAPLE LEE FLOWERS	48
	MISCELLANEOUS EXPENSE	205
	STRS OHIO	(766)
	<b>Total</b>	<b>852</b>
Training	CASTLE PEAK ASSOCIATES LP	12,930
	FIFTH THIRD BANK-CORP CARD	112
	JEFFREY R HARMACEK	1,695
	JULIE M HINES	132
	MICHELLE WHITCOMB	182
	SHARON M CORRIGAN	132
	SUNIL S DEVADIGA	294
	TODD JACOBSON	113
	WALLACE J ROBINSON	50
	<b>Total</b>	<b>15,640</b>
	<b>Total Other Expenses</b>	<b>26,289</b>
<b>State of Ohio Expenses</b>		
State Treas Processing Charges	TREASURER STATE OF OHIO	98
	<b>Total</b>	<b>98</b>
	<b>Total State of Ohio Expenses</b>	<b>98</b>
<b>Total Operating Expenses</b>		<b>6,993,502</b>