



## May Financial Reporting & Expenses

Succeeding this cover page are the STRS Ohio financial reports & expenses for the period ending May 31, 2023. The unaudited 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 and State of Ohio 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, 2022 through May 31, 2023

	Defined Benefit Plans	Defined Contribution	Postemployment Healthcare	Totals
<b>Additions:</b>				
<b>Contributions:</b>				
Member	1,576,958,978	136,689,840		\$1,713,648,818
Employer	1,681,403,011	53,157,160		\$1,734,560,171
Transfers from Defined Contribution Plan	(362,510)	362,510		
Government reimbursements			92,934,053	92,934,053
Benefit recipient healthcare premiums			100,883,791	100,883,791
Other retirement systems	59,651,002			59,651,002
Total contributions	<u>3,317,650,481</u>	<u>190,209,510</u>	<u>193,817,844</u>	<u>3,701,677,835</u>
<b>Net investment income (loss)</b>	<b><u>4,415,037,794</u></b>	<b><u>155,962,207</u></b>	<b><u>249,000,000</u></b>	<b><u>4,820,000,000</u></b>
<b>Total additions</b>	<b><u>\$7,732,688,275</u></b>	<b><u>\$346,171,717</u></b>	<b><u>\$442,817,844</u></b>	<b><u>\$8,521,677,835</u></b>
<b>Deductions:</b>				
Service retirement	6,308,283,754			6,308,283,754
Disability retirement	161,715,213			161,715,213
Survivor benefits	115,397,362			115,397,362
Health care			354,930,047	354,930,047
Other	31,879,523			31,879,523
Total benefit payments	<u>6,617,275,851</u>		<u>354,930,047</u>	<u>6,972,205,898</u>
Refunds to members who have withdrawn	226,884,964	77,993,527		304,878,491
Administrative expenses	96,663,538		2,209,362	98,872,900
<b>Total deductions</b>	<b><u>\$6,940,824,353</u></b>	<b><u>\$77,993,527</u></b>	<b><u>\$357,139,409</u></b>	<b><u>\$7,375,957,289</u></b>
<b>Net increase (decrease)</b>	<b><u>\$791,863,922</u></b>	<b><u>\$268,178,190</u></b>	<b><u>\$85,678,435</u></b>	<b><u>\$1,145,720,546</u></b>
<b>Net position held in trust for pension and postemployment healthcare benefits</b>				
<b>Beginning of year</b>	<b><u>80,860,433,329</u></b>	<b><u>2,173,765,435</u></b>	<b><u>4,570,039,934</u></b>	<b><u>87,604,238,698</u></b>
<b>End of period</b>	<b><u>\$81,652,297,251</u></b>	<b><u>\$2,441,943,625</u></b>	<b><u>\$4,655,718,369</u></b>	<b><u>\$88,749,959,244</u></b>

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

	May	April	Year-to-Date	Expected Budget-to-Date	Annual Budget	Prior Year-to-Date
Compensation	\$ 4,102,464	\$ 4,118,299	\$ 61,309,397	61,155,736	\$ 67,379,300	\$ 58,376,331
Fringe Benefits	1,496,637	1,286,337	17,072,803	17,026,208	19,153,200	16,227,920
Professional and Technical Services	1,339,607	843,703	9,974,138	11,089,186	12,603,200	9,954,050
Repairs and Maintenance	572,757	598,181	5,291,228	5,920,332	6,926,500	5,419,770
Travel and Vehicles	31,986	28,224	285,495	495,622	580,500	120,048
Communications	287,248	49,017	1,519,081	1,647,377	1,901,100	1,365,487
Utilities	73,455	64,619	981,309	925,077	1,035,000	889,318
Supplies and Materials	69,069	67,548	828,239	843,278	916,500	749,854
Other Expenses	27,641	18,454	1,212,017	1,475,129	1,541,400	1,084,972
State of Ohio Expenses	161	80,758	399,193	455,250	473,000	993,622
<b>Total Operating Expenses</b>	<b>\$ 8,001,025</b>	<b>\$ 7,155,140</b>	<b>\$ 98,872,900</b>	<b>101,033,193</b>	<b>\$ 112,509,700</b>	<b>\$ 95,181,372</b>
Capital Budget	\$ 936,150	\$ 171,227	\$ 3,179,391	3,179,391	\$ 7,851,500	\$ 4,104,083
Capital Budget Carryover:	\$ 60,280	\$ 171,742	\$ 2,245,881	2,245,881	\$ 3,702,800	\$ 1,109,055

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

Staffing Information:	May	April	March
Budgeted FTE Associates	521	521	521
Full Time Equivalent Associates	483	485	485
Open FTE Positions	13	11	15

Ms. Correthers moved, seconded by Mr. Lard, that the report be accepted and the expenditures for the month ending May 31, 2023 in the total amount of \$8,997,455 be approved.

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

	May	April	Year-to-Date	Expected Budget-to-Date	Annual Budget	Prior Year-to-Date
<b>COMPENSATION</b>						
Salary and Wages	\$ 4,036,490	\$ 4,045,125	\$ 48,665,444	49,702,933	\$ 55,915,800	\$ 48,112,820
Other Compensation	997	1,535	16,389	19,027	22,000	16,686
Incentive Compensation	0	0	9,655,708	8,500,000	8,500,000	6,689,501
Unused Vacation and Sick Leave	56,564	64,304	2,839,909	2,815,700	2,815,700	3,415,288
Overtime	4,638	2,810	84,672	70,800	70,800	74,236
Service Awards	3,775	4,525	47,275	47,275	55,000	67,800
<b>Total Compensation</b>	<b>\$ 4,102,464</b>	<b>\$ 4,118,299</b>	<b>\$ 61,309,397</b>	<b>61,155,736</b>	<b>\$ 67,379,300</b>	<b>\$ 58,376,331</b>
<b>FRINGE BENEFITS</b>						
OPERS Employer Cost	\$ 573,952	\$ 574,500	\$ 7,837,616	7,842,681	\$ 9,109,700	\$ 7,502,937
Medical/Hospitalization Insurance	775,241	566,660	7,338,298	7,241,667	7,900,000	6,865,995
Medicare	58,215	58,548	873,857	880,178	990,200	831,317
Dental Insurance	43,726	44,226	481,318	506,000	552,000	498,282
Educational Assistance	4,403	1,068	57,457	77,917	85,000	47,508
Workers' Compensation	10,505	10,821	151,199	144,000	144,000	142,459
Life Insurance	23,721	23,672	257,472	242,640	265,000	248,262
Disability Insurance	8,482	8,454	92,857	91,126	99,300	93,038
Wellness	(1,608)	(1,612)	(17,271)	0	0	(1,878)
Unemployment Compensation	0	0	0	0	8,000	0
<b>Total Fringe Benefits</b>	<b>\$ 1,496,637</b>	<b>\$ 1,286,337</b>	<b>\$ 17,072,803</b>	<b>17,026,208</b>	<b>\$ 19,153,200</b>	<b>\$ 16,227,920</b>
<b>PROFESSIONAL AND TECHNICAL SERVICES</b>						
Actuary	\$ 54,564	\$ 26,897	\$ 373,789	282,000	\$ 282,000	\$ 397,636
Audit	0	765	162,208	166,300	166,300	151,962
Banking Expense	0	0	27,592	191,667	230,000	204,644
Board Election Processing	57,928	0	57,928	60,776	72,000	89,923
Contract Services	135	2,326	275,665	290,125	316,500	313,299
Custodial Banking Fees	0	356,332	1,172,084	1,933,333	2,500,000	1,818,193
Data Management and Analytics	0	29,500	84,893	108,167	118,000	88,500
Disaster Recovery	31,582	10,450	147,677	239,342	301,100	102,108
Employment Verification	1,156	462	8,553	8,500	8,500	8,166
Health Care Consultant	0	0	52,526	227,425	248,100	90,415
Insurance Consultant	0	16,500	64,500	84,284	94,500	82,500
Investigative Services	1,710	1,505	14,243	50,263	52,700	50,779
Investment Consultant	20,833	154,870	610,442	631,271	785,000	652,039
Investment Research Services	161,137	23,246	2,932,482	2,910,417	3,175,000	2,861,843
Legal Fees	110,726	131,331	437,714	285,000	285,000	184,512
Medical Examinations	23,627	26,259	260,834	271,759	319,000	240,961
Other Consulting Services	292,490	382	640,546	611,800	611,800	563,502
Quotation and Analytic Services	581,446	51,053	2,498,214	2,498,214	2,775,000	1,972,255
Real Estate Contract Services	0	10,000	49,985	49,985	57,000	32,000
Recruitment Fees	2,273	1,825	102,263	170,225	185,700	48,813
Temporary Employment Services	0	0	0	18,333	20,000	0
<b>Total Professional/Technical Services</b>	<b>\$ 1,339,607</b>	<b>\$ 843,703</b>	<b>\$ 9,974,138</b>	<b>11,089,186</b>	<b>\$ 12,603,200</b>	<b>\$ 9,954,050</b>

May Expenses vs. Budget  
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	May	April	Year-to-Date	Expected Budget-to-Date	Annual Budget	Prior Year-to-Date
<b>REPAIRS AND MAINTENANCE</b>						
Building Maintenance and Equipment	\$ 43,458	\$ 67,959	\$ 339,036	\$ 737,917	\$ 805,000	\$ 702,751
Copiers	2,567	814	25,779	55,467	82,000	63,182
Data Processing Equipment	508,401	508,467	4,528,150	4,720,833	5,419,500	4,176,526
Elevators	0	594	13,896	9,572	110,000	6,443
Mail Center Equipment	0	5,708	17,917	25,134	30,000	18,023
Property Tax and Leases	9,057	9,056	180,575	180,575	275,000	262,225
Safety and Security Equipment	6,115	2,666	150,743	155,833	170,000	159,950
Trash Removal	3,159	2,917	35,132	35,000	35,000	30,670
Total Repairs and Maintenance	\$ 572,757	\$ 598,181	\$ 5,291,228	\$ 5,920,332	\$ 6,926,500	\$ 5,419,770
<b>TRAVEL AND VEHICLES</b>						
Gasoline	\$ 805	\$ 633	\$ 5,309	\$ 3,800	\$ 3,800	\$ 2,554
Staff and Board Travel	31,105	27,591	274,796	486,822	571,700	114,217
Vehicle Maintenance	76	0	5,390	5,000	5,000	3,277
Total Travel and Vehicles	\$ 31,986	\$ 28,224	\$ 285,495	\$ 495,622	\$ 580,500	\$ 120,048
<b>COMMUNICATIONS</b>						
Courier Services	\$ 1,562	\$ 1,362	\$ 17,267	\$ 27,500	\$ 30,000	\$ 27,004
Outsourced Distribution	0	0	48,518	75,000	100,000	33,444
Photography / Media	0	0	2,880	0	5,000	0
Postage	244,022	3,282	836,007	884,675	965,100	772,906
Printing	4,496	4,655	222,257	271,436	361,000	161,279
Telecommunications	37,168	39,718	392,152	388,765	440,000	370,854
Total Communications	\$ 287,248	\$ 49,017	\$ 1,519,081	\$ 1,647,377	\$ 1,901,100	\$ 1,365,487
<b>UTILITIES</b>						
Electricity	\$ 55,951	\$ 48,846	\$ 749,251	\$ 733,333	\$ 800,000	\$ 649,857
Natural Gas	13,069	12,528	164,714	135,000	135,000	182,954
Oil	0	0	0	0	15,000	14,407
Water	4,435	3,245	67,344	56,744	85,000	42,100
Total Utilities	\$ 73,455	\$ 64,619	\$ 981,309	\$ 925,077	\$ 1,035,000	\$ 889,318
<b>SUPPLIES AND MATERIALS</b>						
Equipment Supplies	\$ 54,950	\$ 51,147	\$ 593,364	\$ 577,867	\$ 630,400	\$ 523,186
Food Service Supplies	2,801	3,620	74,992	53,500	53,500	64,162
Office Supplies	5,120	6,389	36,206	47,488	51,500	30,293
Personal Computer Software	210	0	28,344	29,899	34,500	11,696
Publications/Subscriptions	2,731	1,079	58,372	99,262	107,600	83,286
Uniforms	3,257	5,313	36,961	35,262	39,000	37,231
Total Supplies and Materials	\$ 69,069	\$ 67,548	\$ 828,239	\$ 843,278	\$ 916,500	\$ 749,854

May Expenses vs. Budget  
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	May	April	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	2,308	5,003	36,394	94,508	103,100	29,058
Dues and Licenses	12,471	2,596	112,796	139,937	169,100	123,204
Insurance	0	0	898,635	960,000	960,000	778,436
Member/Employer Education Programs	5,552	9,235	47,567	84,058	91,700	8,388
Miscellaneous Expense	3,957	737	19,404	21,450	23,400	14,879
Other Board Expense	641	(60)	2,832	2,933	3,200	2,344
Other Staff Expense	1,032	(532)	13,198	21,175	23,100	10,566
Training	1,680	1,475	81,191	151,067	164,800	118,097
<b>Total Other Expenses</b>	<b>\$ 27,641</b>	<b>\$ 18,454</b>	<b>\$ 1,212,017</b>	<b>1,475,129</b>	<b>\$ 1,541,400</b>	<b>\$ 1,084,972</b>
<b>STATE OF OHIO EXPENSES</b>						
Ohio Auditor of State	\$ 0	\$ 0	\$ 82,847	\$ 100,000	\$ 100,000	\$ 24,140
ORSC	0	63,272	263,088	300,000	300,000	922,881
Ohio Attorney General Reimbursement	0	17,298	51,896	52,500	70,000	45,000
Treasurer Check Clearing	161	188	1,362	2,750	3,000	1,601
<b>Total State of Ohio Expenses</b>	<b>\$ 161</b>	<b>\$ 80,758</b>	<b>\$ 399,193</b>	<b>455,250</b>	<b>\$ 473,000</b>	<b>\$ 993,622</b>
<b>Total Operating Expenses</b>	<b>\$ 8,001,025</b>	<b>\$ 7,155,140</b>	<b>\$ 98,872,900</b>	<b>101,033,193</b>	<b>\$ 112,509,700</b>	<b>\$ 95,181,372</b>

	May	April	Year-to-Date	Expected Budget-to-Date	Annual Budget	Prior Year-to-Date
Building Improvements	\$ 46,711	\$ 0	\$ 160,242	\$ 160,242	\$ 431,300	\$ 951,098
Furniture & Fixtures	0	0	0	0	0	0
Audio Visual	0	0	0	0	0	0
Information Processing	139,893	36,545	1,198,571	1,198,571	4,822,200	2,694,875
Maintenance	646,362	134,682	1,551,377	1,551,377	1,887,700	84,560
Miscellaneous	0	0	0	0	0	0
Office	0	0	19,075	19,075	44,000	40,085
Telecommunications	0	0	0	0	0	0
Vehicles	0	0	0	0	0	0
Computer Software	103,184	0	250,126	250,126	666,300	333,465
<b>Total Capital Budget</b>	<b>\$ 936,150</b>	<b>\$ 171,227</b>	<b>\$ 3,179,391</b>	<b>3,179,391</b>	<b>\$ 7,851,500</b>	<b>\$ 4,104,083</b>
<b>Capital Budget Carryover:</b>						
Fiscal 2022	\$ 60,280	\$ 171,742	\$ 2,245,881	2,245,881	\$ 3,702,800	\$ 0
Fiscal 2021	0	0	0	0	0	1,109,055
<b>Total Capital Budget Carryover</b>	<b>\$ 60,280</b>	<b>\$ 171,742</b>	<b>\$ 2,245,881</b>	<b>2,245,881</b>	<b>\$ 3,702,800</b>	<b>\$ 1,109,055</b>

## May 2023 Expense Notes

### General Comments

Actual fiscal year-to-date operating expenses total \$98.9 million, which is approximately \$2.2 million under the expected budget.

### Compensation and Fringe Benefits

Unused Vacation and Sick Leave includes payment to one retiring and one separated associate. Educational Assistance was provided for two associates in May.

### Professional and Technical Services

Actuary includes sustainable benefit enhancement plan analysis and pension and health care valuation services. Board Election Processing includes external support to manage and conduct the Retirement Board election. Cloud backup storage and disaster site relocation costs are included in Disaster Recovery. Monthly alternative investment consultant fees are included in Investment Consultant. Investment Research Services includes quarterly fundamental research services and annual S&P index services. Legal Fees include fees paid to outside counsel. The annual payment for Gartner information technology services is included in Other Consulting Services. Quotation and Analytic Services include quarterly Bloomberg charges.

### Repairs and Maintenance

Building Maintenance and Equipment includes quarterly chiller maintenance and fire sprinkler repairs. Data Processing Equipment includes service desk incident tracking system, project and password management tools, and enterprise print and job scheduling software.

### Communications

Included in Postage are costs associated with the Board election and replenishing the postage meters.

### Other Expenses

Certified Financial Analyst annual membership fees are included in Dues and Licenses. Miscellaneous Expense includes annual fees for the City of Columbus loading zone permit.

### Capital Budget

Capital items for May include payments for the chiller rebuild, replacement fire panels, garage access gates and building security software upgrades.

### Capital Budget Carryover

The capital budget carryover includes payment for the replacement cloud-based investment portfolio system.

**State Teachers Retirement System of Ohio  
Detailed Operating Expenses  
For the Month Ended May 31, 2023**

<u>Account</u>	<u>Vendor</u>	<u>Amount</u>
<b>Compensation</b>		
Salaries & Wages	STRS OHIO	4,097,826
	<b>Total</b>	<b>4,097,826</b>
Overtime	STRS OHIO	4,638
	<b>Total</b>	<b>4,638</b>
	<b>Total Compensation</b>	<b>4,102,464</b>
<b>Fringe Benefits</b>		
OPERS Employer Cost	STRS OHIO	573,952
	<b>Total</b>	<b>573,952</b>
Medical/Hospitalization Insurance	AETNA BEHAVIORAL HEALTH LLC-ASSOC	670
	AETNA LIFE INSURANCE COMPANY	637,798
	AETNA-ASSOC PREM	14,107
	BUCK GLOBAL LLC	4,350
	EXPRESS SCRIPTS IN	267,635
	HSA EMPLOYER CONTRIBUTIONS	5,741
	MISC. RECEIPTS	(55,098)
	STRS OHIO	(99,962)
	<b>Total</b>	<b>775,241</b>
Medicare	STRS OHIO	58,215
	<b>Total</b>	<b>58,215</b>
Dental Insurance	DELTA DENTAL	44,032
	MISC. RECEIPTS	(306)
	<b>Total</b>	<b>43,726</b>
Educational Assistance	ARIZONA STATE UNIVERSITY	4,176
	COLUMBUS STATE COMMUNITY COLLEGE	227
	<b>Total</b>	<b>4,403</b>
Workers' Compensation	STRS OHIO	10,505
	<b>Total</b>	<b>10,505</b>
Life Insurance	MISC. RECEIPTS	(445)
	MUTUAL OF OMAHA	24,166
	<b>Total</b>	<b>23,721</b>
Disability Insurance	MUTUAL OF OMAHA	8,482
	<b>Total</b>	<b>8,482</b>
Wellness	STRS OHIO	(1,608)
	<b>Total</b>	<b>(1,608)</b>
	<b>Total Fringe Benefits</b>	<b>1,496,637</b>

**Professional and Technical Services**



**State Teachers Retirement System of Ohio  
Detailed Operating Expenses  
For the Month Ended May 31, 2023**

<u>Account</u>	<u>Vendor</u>	<u>Amount</u>
Actuary	CHEIRON INC	54,564
	<b>Total</b>	<b>54,564</b>
Board Election Processing	ELECTION SERVICES CO	57,928
	<b>Total</b>	<b>57,928</b>
Contract Services	FIFTH THIRD BANK-CORP CARD	135
	<b>Total</b>	<b>135</b>
Disaster Recovery	RECOVERY POINT SYSTEMS	22,225
	VOLTA INC	9,250
	VRC COMPANIES LLC	107
	<b>Total</b>	<b>31,582</b>
Employment Verification	OHIOHEALTH/WORK HEALTH	807
	SCREENPOINTE INC	349
	<b>Total</b>	<b>1,156</b>
Investigative Services	LEXISNEXIS RISK SOLUTIONS	1,710
	<b>Total</b>	<b>1,710</b>
Investment Consultant	CLIFFWATER LLC	20,833
	<b>Total</b>	<b>20,833</b>
Investment Research Services	DTCC ITP LLC	2,973
	GREEN STREET ADVISORS LLC	7,960
	REFINITIV US LLC	116,073
	S AND P DOW JONES INDICES LLC	23,961
	TRADEWEB LLC	1,800
	WILSHIRE ADVISORS LLC	8,370
	<b>Total</b>	<b>161,137</b>
Legal Fees	CALFEE HALTER AND GRISWOLD LLP	110,655
	NEWHOUSE PROPHATER KOLMAN & HOGAN LLC	71
	<b>Total</b>	<b>110,726</b>
Medical Examinations	ALBERT J KOLIBASH JR MD	380
	CLAIRE V WOLFE MD	760
	COPC SPORTS SPINE & JOINT	650
	INDEPENDENT EVALUATORS INC	1,500
	JAMES N ALLEN, MD	760
	JAMES R. HAWKINS, M.D.	600
	JEFFERY C HUTZLER MD	190
	JOHN R LOUGHREY MD	500
	KIDNEY SPECIALISTS INC	275
	MARC COOPERMAN MD	380
	MARJORIE C GALLAGHER MD	1,790
	MARTIN J GOTTESMAN MD	8,211
	MEDICAL EVALUATORS LLC	3,100
	NORTHERN OHIO MEDICAL SPECIALIST LLC	2,100

**State Teachers Retirement System of Ohio  
Detailed Operating Expenses  
For the Month Ended May 31, 2023**

<u>Account</u>	<u>Vendor</u>	<u>Amount</u>
	OPTIMUM CARDIOLOGY INC	300
	RONALD L WHISLER MD	380
	SOUTHEAST OHIO REGIONAL ORTHOPAEDIC LLC	600
	STEIMAN NEUROLOGY GROUP INC	1,151
	<b>Total</b>	<b>23,627</b>
Other Consulting Services	CALFEE HALTER AND GRISWOLD LLP	6,000
	ENDICOTT MICROFILM INC	371
	FIFTH THIRD BANK	15,347
	FLEXIBLE BENEFIT ADMINISTRATORS INC	398
	GARTNER INC.	270,374
	<b>Total</b>	<b>292,490</b>
Quotation and Analytic Services	BLOOMBERG FINANCE LP	578,174
	ICE DATA INDICES LLC	93
	NYSE MARKET INC	2,387
	OPTIONS PRICE REPORTING AUTHORITY LLC	535
	TSX INC	257
	<b>Total</b>	<b>581,446</b>
Recruitment Fees	CRAIN COMMUNICATIONS INC	1,500
	DANIEL SHAPIRO	90
	DRURY INN & SUITES	244
	JASON A SAUER	123
	YOURMEMBERSHIP.COM INC	316
	<b>Total</b>	<b>2,273</b>
	<b>Total Professional and Technical Services</b>	<b>1,339,607</b>
<b>Repairs and Maintenance</b>		
Building Maintenance and Equipment	AMBIUS LLC 05	1,592
	BUCK AND SONS LANDSCAPE SERVICE INC	1,563
	BUCKEYE POWER SALES CO INC	156
	CHEM-AQUA	750
	COMMERCIAL PARTS & SERVICES OF OHIO INC	437
	EASTWAY SUPPLIES INC	4,580
	FIBERCARE	9,680
	FIFTH THIRD BANK-CORP CARD	26
	FLODRAULIC GROUP INC	829
	GRAINGER INC	2,249
	HARD FIRE SUPPRESION SYSTEMS	6,275
	LINDE GAS AND EQUIPMENT INC	32
	LOEB ELECTRIC CO	798
	LOWES BUSINESS ACCOUNT	1,067
	NEWPOINT SERVICES LLC	817
	PANIC LIGHTING	54
	PETROLEUM UST RELEASE COMP BOARD	350
	PIPE-VALVES INC	294
	QUALITY POOLS	619
	SPEER MECHANICAL	4,328

**State Teachers Retirement System of Ohio  
Detailed Operating Expenses  
For the Month Ended May 31, 2023**

<u>Account</u>	<u>Vendor</u>	<u>Amount</u>
	TERMINIX	530
	TRANE US INC	6,032
	VRC COMPANIES LLC	232
	WESTWATER SUPPLY CO	168
	<b>Total</b>	<b>43,458</b>
Copiers	GORDON FLESCH CO INC	1,393
	IMPACT NETWORKING LLC	25
	MODERN OFFICE METHODS INC	1,055
	WOODHULL LLC	94
	<b>Total</b>	<b>2,567</b>
Data Processing Equipment	AKAMAI TECHNOLOGIES INC	96
	ARGUS SOFTWARE	20,622
	ASA SOLUTIONS	4,050
	BLOOMBERG FINANCE LP	7,855
	CARAHSOFT TECHNOLOGY CORP	13,100
	CDW GOVERNMENT INC	9,764
	CLOUDFLARE INC	1,900
	CUTTER ASSOCIATES LLC	18,500
	DELL MARKETING LP	921
	DIGITAL RIVER GMBH	899
	ENVIRONMENTAL SYSTEM RESEARCH INSTITUTE	10,400
	FIFTH THIRD BANK-CORP CARD	936
	INCONTACT INC	1,056
	IOVATION INC	7,011
	MELILLO CONSULTING INC	23,092
	MNJ TECHNOLOGIES DIRECT INC	78,780
	ONETRUST LLC	12,000
	SERVICE EXPRESS INC	822
	SERVICENOW INC	156,441
	SNAP SURVEYS NH INC	5,829
	SOLIMAR SYSTEMS, INC	69,048
	WISTIA INC	40
	WORKFRONT INC	65,239
	<b>Total</b>	<b>508,401</b>
Property Tax and Leases	HOLLINGSWORTH CAPITAL PARTNERS COLS LLC	9,057
	<b>Total</b>	<b>9,057</b>
Safety & Security Equipment	ELECTRONIC SECURITY SERVICES INC	105
	JEREMY PAUL KAYLOR	589
	MITCHELL LOCK LLC	5,374
	STEWART SECURITY INC	47
	<b>Total</b>	<b>6,115</b>
Trash Removal	MISC. RECEIPTS	(105)
	REPUBLIC SERVICES #046	527
	WASTE MANAGEMENT INC	2,737
	<b>Total</b>	<b>3,159</b>

**State Teachers Retirement System of Ohio  
Detailed Operating Expenses  
For the Month Ended May 31, 2023**

<u>Account</u>	<u>Vendor</u>	<u>Amount</u>
	<b>Total Repairs and Maintenance</b>	<b>572,757</b>
<b>Travel and Vehicles</b>		
Gasoline	FIFTH THIRD BANK-CORP CARD	805
	<b>Total</b>	<b>805</b>
Staff and Board Travel	ALISON LANZA FALLS	198
	AMERICAN EXPRESS COMPANY	6,378
	ARTHUR B. LARD	236
	BEECHER CARLSON INSURANCE SERVICES LLC	71
	BRENDON LYDON	215
	CAROL L CORRETHEERS	954
	CARTER B DAVIS	1,268
	CHADWICK MCGEE	302
	CRAIG HORMANN	438
	EDWARD E SHANAHORN	663
	FIFTH THIRD BANK-CORP CARD	1,515
	GREGORY A TAYLOR	1,379
	JAMES D DUPLER	283
	JASON A SAUER	742
	JASON BURGER	677
	JEFFREY A GILDER	803
	JEFFREY S OPRANDI	923
	JORDAN WINTERS	152
	JOSEPH B LUBELSKI	1,383
	JOY L NELSON	1,172
	JPMORGAN CHASE	75
	JULIE SELLERS	167
	JUSTIN MAURER	151
	MARK A RUBECK	334
	MARK E FILLINGER	296
	MARY K WIEDEMER	1,965
	MARY PATRICIA GORDON	19
	MICHAEL SCHANTZ	706
	MICHELE HILLEARY	276
	MISC. RECEIPTS	(4)
	NARASIMHA R VADREUVU	432
	RONALD J COLASANTI	40
	RONALD J MCKILLIP	327
	SCOTT J HUNT	275
	SHARA D BAILEY	1,058
	STANTON WEST	2,274
	STEVE JANOWIAK	818
	STEVEN FOREMAN	75
	SUMMIT COUNTY RETIRED TEACHERS ASSOC	46
	THOMAS S COUNTS	911
	TIFFANY RUFRANO	118
	TODD JACOBSON	980
	TODD WOLFORD	14

**State Teachers Retirement System of Ohio  
Detailed Operating Expenses  
For the Month Ended May 31, 2023**

<u>Account</u>	<u>Vendor</u>	<u>Total</u>	<u>Amount</u>
		<b>Total</b>	<b>31,105</b>
Vehicle Maintenance	GOODYEAR AUTO SERVICE CENTER		76
		<b>Total</b>	<b>76</b>
	<b>Total Travel and Vehicles</b>		<b>31,986</b>
<b>Communications</b>			
Courier Services	RAINBOW EXPRESS INC		832
	UNITED PARCEL SERVICE		730
		<b>Total</b>	<b>1,562</b>
Postage	ELECTION SERVICES CO		182,069
	MISC. RECEIPTS		(39)
	RESERVE ACCOUNT		50,000
	TREASURER STATE OF OHIO		11,992
		<b>Total</b>	<b>244,022</b>
Printing	HOPKINS PRINTING INC		1,997
	PRESSWORKS		2,499
		<b>Total</b>	<b>4,496</b>
Telecommunications	AT&T		131
	BREEZELINE		1,779
	CHARTER COMMUNICATIONS		260
	COMMANDLINK LLC		2,126
	T-MOBILE		294
	VERIZON BUSINESS		30,110
	VERIZON WIRELESS		2,468
		<b>Total</b>	<b>37,168</b>
	<b>Total Communications</b>		<b>287,248</b>
<b>Utilities</b>			
Electricity	AMERICAN ELECTRIC POWER		56,033
	MISC. RECEIPTS		(82)
		<b>Total</b>	<b>55,951</b>
Natural Gas	COLUMBIA GAS OF OHIO		4,543
	UNITED ENERGY TRADING, LLC		8,526
		<b>Total</b>	<b>13,069</b>
Water	COLUMBUS CITY TREASURER		4,435
		<b>Total</b>	<b>4,435</b>
	<b>Total Utilities</b>		<b>73,455</b>
<b>Supplies and Materials</b>			
Equipment Supplies	CARMENS DISTRIBUTION SYSTEMS INC		106
	CDW GOVERNMENT INC		427

**State Teachers Retirement System of Ohio  
Detailed Operating Expenses  
For the Month Ended May 31, 2023**

<u>Account</u>	<u>Vendor</u>	<u>Amount</u>
	FASTSIGNS	100
	FIFTH THIRD BANK-CORP CARD	2,777
	GORDON FOOD SERVICE	2,101
	GRAINGER INC	451
	GRAYBAR	66
	HILLYARD OHIO	242
	I SUPPLY COMPANY	3,543
	IT SAVVY	2,550
	MISC. RECEIPTS	(102)
	MNJ TECHNOLOGIES DIRECT INC	33,983
	RR DONNELLEY AND SONS COMPANY	7,349
	THE MILLCRAFT PAPER COMPANY	1,357
	<b>Total</b>	<b>54,950</b>
Food Service Supplies	AVI FOOD SYSTEMS INC	1,896
	AW	796
	COCA-COLA BOTTLING CO CONSOLIDATED	894
	FIFTH THIRD BANK-CORP CARD	131
	GORDON FOOD SERVICE	11,778
	KROGER-COLUMBUS CUSTOMER CHARGES	269
	MISC. RECEIPTS	(3,672)
	ODP BUSINESS SOLUTIONS LLC	102
	SAM'S CLUB	309
	STRS OHIO	(9,702)
	<b>Total</b>	<b>2,801</b>
Office Supplies	BLUE BOX CORRUGATED INC	610
	CAPITOL OFFICE SUPPLY	22
	CENTRAL OHIO COPIER SUPPLY	995
	EPIC BUSINESS ESSENTIALS	1,036
	GRAINGER INC	38
	ODP BUSINESS SOLUTIONS LLC	15
	PITNEY BOWES INC	265
	STAPLES BUSINESS ADVANTAGE	2,139
	<b>Total</b>	<b>5,120</b>
Personal Computer Software	ZOOM VIDEO COMMUNICATIONS INC	210
	<b>Total</b>	<b>210</b>
Publications/Subscriptions	CONSUMER REPORTS	30
	DIRECTV	208
	FIFTH THIRD BANK-CORP CARD	405
	GANNETT HOLDINGS OHIO	1,090
	HRDIRECT	294
	JORDAN WINTERS	20
	THOMSON REUTERS-WEST	282
	USA TODAY	402
	<b>Total</b>	<b>2,731</b>
Uniforms	CINTAS CORPORATION	2,431

**State Teachers Retirement System of Ohio  
Detailed Operating Expenses  
For the Month Ended May 31, 2023**

<u>Account</u>	<u>Vendor</u>	<u>Amount</u>
	UNIFIRST CORPORATION	826
	<b>Total</b>	<b>3,257</b>
	<b>Total Supplies and Materials</b>	<b>69,069</b>
<b>Other Expenses</b>		
Conferences and Seminars	LEO M WILHELM	439
	NATL ASSC GOVT ARCHIVES AND RECORDS ADM	474
	STANTON WEST	300
	TODD JACOBSON	1,095
	<b>Total</b>	<b>2,308</b>
Dues and Licenses	ALAN J WARNER	459
	ANKIT GUPTA	459
	ASSOC OF CERTIFIED FRAUD EXAMINERS	195
	ASSOCIATION OF ENERGY ENGINEERS	195
	COLUMBUS BAR ASSOCIATION	470
	DONALD G FORTUNATE	459
	GARY FOUST	459
	GEOFFREY M BUMP	459
	GREG TRUSZ	459
	JACOB R CLARK	459
	JAMIE LI	299
	JAMIESON C. DUFF	459
	JORDAN WINTERS	459
	JOY L NELSON	89
	JULIA HAFEFLE	339
	KEN C CHEE	459
	LAWRENCE M TEDESCHI	459
	MABEL CHOW BROWN	459
	MARK REGENBOGEN	459
	MATTHEW E WORLEY	459
	MATTHEW T DOWNIE	459
	NARASIMHA R VADREVU	459
	PAUL KUHN	459
	PING ZHOU	459
	RAJ K MENON	459
	ROYCE WEST	459
	RYAN W COLLINS	459
	STEVEN P EASTWOOD	459
	TIFFANY RUFRANO	786
	<b>Total</b>	<b>12,471</b>
Member Education Programs	FIFTH THIRD BANK-CORP CARD	989
	HAMPTON INN YOUNGSTOWN	500
	HOLIDAY INN EXPRESS AND SUITES	600
	KATELYN ADAMS	141
	KRISTA ANTLE	96
	LORI NYE	150
	MISCELLANEOUS EXPENSE	225

**State Teachers Retirement System of Ohio  
Detailed Operating Expenses  
For the Month Ended May 31, 2023**

<u>Account</u>	<u>Vendor</u>	<u>Amount</u>
	SHERATON SUITES AKRON/CUYAHOGA FALLS	1,464
	THE OHIO UNIVERSITY INN	671
	TIFFANY SHIVELY	116
	UNDOS CATERING	600
	<b>Total</b>	<b>5,552</b>
Miscellaneous Expense	CAPITOL SQUARE REVIEW & ADVISORY BOARD	200
	COLUMBUS CITY TREASURER	1,920
	FIFTH THIRD BANK-CORP CARD	109
	MISCELLANEOUS EXPENSE	27
	STRS OHIO	21
	TL SAVAGE INC	56
	VRC COMPANIES LLC	1,624
	<b>Total</b>	<b>3,957</b>
Other Board Expense	MISCELLANEOUS EXPENSE	641
	<b>Total</b>	<b>641</b>
Other Staff Expense	HALO BRANDED SOLUTIONS INC	1,601
	LEO M WILHELM	67
	MISCELLANEOUS EXPENSE	53
	STRS OHIO	(689)
	<b>Total</b>	<b>1,032</b>
Training	IW MENTOR	750
	JULIE M HINES	378
	KAREN L JONES	369
	MISC. RECEIPTS	(79)
	WALLACE J ROBINSON	262
	<b>Total</b>	<b>1,680</b>
	<b>Total Other Expenses</b>	<b>27,641</b>
<b>State of Ohio Expenses</b>		
State Treas Processing Charges	TREASURER STATE OF OHIO	161
	<b>Total</b>	<b>161</b>
	<b>Total State of Ohio Expenses</b>	<b>161</b>
<b>Total Operating Expenses</b>		<b>8,001,025</b>