



## June Expenses

Succeeding this cover page are the STRS Ohio expenses for the period ending June 30, 2023. The reports that follow are:

- *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**  
 Actual Expenses vs. Budget  
 For the Month and Fiscal Year-to-Date Ended June 30, 2023

	June	May	Year-to-Date	Expected Budget-to-Date	Annual Budget	Prior Year-to-Date
Compensation	\$ 5,090,585	\$ 4,102,464	\$ 66,399,982	67,379,300	\$ 67,379,300	\$ 62,391,382
Fringe Benefits	3,386,440	1,496,637	20,459,243	19,153,200	19,153,200	17,563,166
Professional and Technical Services	1,959,499	1,339,607	11,933,637	12,603,200	12,603,200	11,706,988
Repairs and Maintenance	737,748	572,757	6,028,976	6,926,500	6,926,500	6,106,263
Travel and Vehicles	47,704	31,986	333,199	580,500	580,500	140,720
Communications	272,592	287,248	1,791,673	1,901,100	1,901,100	1,662,745
Utilities	151,359	73,455	1,132,668	1,035,000	1,035,000	1,171,107
Supplies and Materials	102,745	69,069	930,984	916,500	916,500	835,327
Other Expenses	107,573	27,641	1,319,590	1,541,400	1,541,400	1,119,168
State of Ohio Expenses	17,509	161	416,702	473,000	473,000	1,152,702
<b>Total Operating Expenses</b>	<b>\$ 11,873,754</b>	<b>\$ 8,001,025</b>	<b>\$ 110,746,654</b>	<b>112,509,700</b>	<b>\$ 112,509,700</b>	<b>\$ 103,849,568</b>
Capital Budget	\$ 2,107,522	\$ 936,150	\$ 5,286,913	7,851,500	\$ 7,851,500	\$ 5,087,109
Capital Budget Carryover:	\$ 447,706	\$ 60,280	\$ 2,693,587	3,702,800	\$ 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:	June	May	April
Budgeted FTE Associates	521	521	521
Full Time Equivalent Associates	487	483	485
Open FTE Positions	10	13	11

Ms. Correthers moved, seconded by Mr. Lard, that the report be accepted and the expenditures for the month ending June 30, 2023 in the total amount of \$14,428,982 be approved.

**STATE TEACHERS RETIREMENT SYSTEM**  
 Actual Expenses vs. Budget  
 For the Month and Fiscal Year-to-Date Ended June 30, 2023

	June	May	Year-to-Date	Expected Budget-to-Date	Annual Budget	Prior Year-to-Date
<b>COMPENSATION</b>						
Salary and Wages	\$ 5,076,124	\$ 4,036,490	\$ 53,741,568	55,915,800	\$ 55,915,800	\$ 52,084,033
Other Compensation	1,037	997	17,426	22,000	22,000	19,293
Incentive Compensation	0	0	9,655,708	8,500,000	8,500,000	6,689,501
Unused Vacation and Sick Leave	0	56,564	2,839,909	2,815,700	2,815,700	3,446,676
Overtime	8,624	4,638	93,296	70,800	70,800	81,804
Service Awards	4,800	3,775	52,075	55,000	55,000	70,075
Total Compensation	\$ 5,090,585	\$ 4,102,464	\$ 66,399,982	67,379,300	\$ 67,379,300	\$ 62,391,382
<b>FRINGE BENEFITS</b>						
OPERS Employer Cost	\$ 719,560	\$ 573,952	\$ 8,557,176	9,109,700	\$ 9,109,700	\$ 8,061,065
Medical/Hospitalization Insurance	2,503,484	775,241	9,841,782	7,900,000	7,900,000	7,499,983
Medicare	71,561	58,215	945,418	990,200	990,200	888,122
Dental Insurance	43,114	43,726	524,432	552,000	552,000	542,319
Educational Assistance	1,273	4,403	58,730	85,000	85,000	45,004
Workers' Compensation	17,528	10,505	168,727	144,000	144,000	157,808
Life Insurance	23,722	23,721	281,194	265,000	265,000	271,140
Disability Insurance	8,459	8,482	101,316	99,300	99,300	101,383
Wellness	(2,261)	(1,608)	(19,532)	0	0	(3,658)
Unemployment Compensation	0	0	0	8,000	8,000	0
Total Fringe Benefits	\$ 3,386,440	\$ 1,496,637	\$ 20,459,243	19,153,200	\$ 19,153,200	\$ 17,563,166
<b>PROFESSIONAL AND TECHNICAL SERVICES</b>						
Actuary	\$ 169,459	\$ 54,564	\$ 543,248	282,000	\$ 282,000	\$ 397,636
Audit	0	0	162,208	166,300	166,300	151,962
Banking Expense	0	0	27,592	230,000	230,000	219,658
Board Election Processing	22,741	57,928	80,669	72,000	72,000	106,529
Contract Services	143,805	135	419,470	316,500	316,500	320,460
Custodial Banking Fees	409,545	0	1,581,629	2,500,000	2,500,000	2,270,706
Data Management and Analytics	29,500	0	114,393	118,000	118,000	121,608
Disaster Recovery	23,559	31,582	171,236	301,100	301,100	112,874
Employment Verification	1,540	1,156	10,093	8,500	8,500	8,882
Health Care Consultant	63,553	0	116,079	248,100	248,100	236,474
Insurance Consultant	30,000	0	94,500	94,500	94,500	92,500
Investigative Services	39,858	1,710	54,101	52,700	52,700	53,241
Investment Consultant	175,703	20,833	786,145	785,000	785,000	816,607
Investment Research Services	260,169	161,137	3,192,651	3,175,000	3,175,000	3,003,881
Legal Fees	200,056	110,726	637,770	285,000	285,000	212,619
Medical Examinations	29,041	23,627	289,875	319,000	319,000	282,848
Other Consulting Services	241,501	292,490	882,047	611,800	611,800	617,899
Quotation and Analytic Services	111,375	581,446	2,609,589	2,775,000	2,775,000	2,586,705
Real Estate Contract Services	0	0	49,985	57,000	57,000	40,158
Recruitment Fees	8,094	2,273	110,357	185,700	185,700	53,741
Temporary Employment Services	0	0	0	20,000	20,000	0
Total Professional/Technical Services	\$ 1,959,499	\$ 1,339,607	\$ 11,933,637	12,603,200	\$ 12,603,200	\$ 11,706,988

June Expenses vs. Budget  
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	June	May	Year-to-Date	Expected Budget-to-Date	Annual Budget	Prior Year-to-Date
<b>REPAIRS AND MAINTENANCE</b>						
Building Maintenance and Equipment	\$ 46,660	\$ 43,458	\$ 385,696	\$ 805,000	\$ 805,000	\$ 653,525
Copiers	6,132	2,567	31,911	82,000	82,000	93,405
Data Processing Equipment	506,529	508,401	5,034,679	5,419,500	5,419,500	4,795,459
Elevators	69,252	0	83,148	110,000	110,000	74,043
Mail Center Equipment	3,529	0	21,446	30,000	30,000	21,512
Property Tax and Leases	93,684	9,057	274,259	275,000	275,000	271,282
Safety and Security Equipment	6,959	6,115	157,702	170,000	170,000	161,420
Trash Removal	5,003	3,159	40,135	35,000	35,000	35,617
Total Repairs and Maintenance	\$ 737,748	\$ 572,757	\$ 6,028,976	\$ 6,926,500	\$ 6,926,500	\$ 6,106,263
<b>TRAVEL AND VEHICLES</b>						
Gasoline	\$ 780	\$ 805	\$ 6,089	\$ 3,800	\$ 3,800	\$ 3,190
Staff and Board Travel	46,846	31,105	321,642	571,700	571,700	134,131
Vehicle Maintenance	78	76	5,468	5,000	5,000	3,399
Total Travel and Vehicles	\$ 47,704	\$ 31,986	\$ 333,199	\$ 580,500	\$ 580,500	\$ 140,720
<b>COMMUNICATIONS</b>						
Courier Services	\$ 2,382	\$ 1,562	\$ 19,649	\$ 30,000	\$ 30,000	\$ 29,136
Outsourced Distribution	0	0	48,518	100,000	100,000	34,697
Photography / Media	0	0	2,880	5,000	5,000	0
Postage	175,481	244,022	1,011,488	965,100	965,100	964,689
Printing	44,609	4,496	266,866	361,000	361,000	214,495
Telecommunications	50,120	37,168	442,272	440,000	440,000	419,728
Total Communications	\$ 272,592	\$ 287,248	\$ 1,791,673	\$ 1,901,100	\$ 1,901,100	\$ 1,662,745
<b>UTILITIES</b>						
Electricity	\$ 129,083	\$ 55,951	\$ 878,334	\$ 800,000	\$ 800,000	\$ 888,303
Natural Gas	11,361	13,069	176,075	135,000	135,000	205,333
Oil	0	0	0	15,000	15,000	14,407
Water	10,915	4,435	78,259	85,000	85,000	63,064
Total Utilities	\$ 151,359	\$ 73,455	\$ 1,132,668	\$ 1,035,000	\$ 1,035,000	\$ 1,171,107
<b>SUPPLIES AND MATERIALS</b>						
Equipment Supplies	\$ 76,654	\$ 54,950	\$ 670,018	\$ 630,400	\$ 630,400	\$ 576,929
Food Service Supplies	1,925	2,801	76,917	53,500	53,500	80,590
Office Supplies	3,769	5,120	39,975	51,500	51,500	32,852
Personal Computer Software	2,728	210	31,072	34,500	34,500	13,496
Publications/Subscriptions	14,103	2,731	72,475	107,600	107,600	90,282
Uniforms	3,566	3,257	40,527	39,000	39,000	41,178
Total Supplies and Materials	\$ 102,745	\$ 69,069	\$ 930,984	\$ 916,500	\$ 916,500	\$ 835,327

June Expenses vs. Budget  
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	June	May	Year-to-Date	Expected Budget-to-Date	Annual Budget	Prior Year-to-Date
<b>OTHER EXPENSES</b>						
Board Employer Reimbursement	\$ 0	\$ 0	\$ 0	\$ 3,000	\$ 3,000	\$ 0
Conferences and Seminars	14,036	1,869	49,991	103,100	103,100	32,437
Dues and Licenses	31,920	12,471	144,716	169,100	169,100	148,880
Insurance	0	0	898,635	960,000	960,000	778,436
Member/Employer Education Programs	2,109	5,552	49,676	91,700	91,700	10,311
Miscellaneous Expense	1,049	3,957	20,453	23,400	23,400	17,862
Other Board Expense	415	641	3,247	3,200	3,200	2,600
Other Staff Expense	1,338	1,032	14,536	23,100	23,100	10,545
Training	56,706	2,119	138,336	164,800	164,800	118,097
<b>Total Other Expenses</b>	<b>\$ 107,573</b>	<b>\$ 27,641</b>	<b>\$ 1,319,590</b>	<b>\$ 1,541,400</b>	<b>\$ 1,541,400</b>	<b>\$ 1,119,168</b>
<b>STATE OF OHIO EXPENSES</b>						
Ohio Auditor of State	\$ 0	\$ 0	\$ 82,847	\$ 100,000	\$ 100,000	\$ 41,486
ORSC	0	0	263,088	300,000	300,000	1,049,381
Ohio Attorney General Reimbursement	17,299	0	69,195	70,000	70,000	60,000
Treasurer Check Clearing	210	161	1,572	3,000	3,000	1,835
<b>Total State of Ohio Expenses</b>	<b>\$ 17,509</b>	<b>\$ 161</b>	<b>\$ 416,702</b>	<b>\$ 473,000</b>	<b>\$ 473,000</b>	<b>\$ 1,152,702</b>
<b>Total Operating Expenses</b>	<b>\$ 11,873,754</b>	<b>\$ 8,001,025</b>	<b>\$ 110,746,654</b>	<b>\$ 112,509,700</b>	<b>\$ 112,509,700</b>	<b>\$ 103,849,568</b>

	June	May	Year-to-Date	Expected Budget-to-Date	Annual Budget	Prior Year-to-Date
<b>Building Improvements</b>	<b>\$ 1,299</b>	<b>\$ 46,711</b>	<b>\$ 161,541</b>	<b>\$ 431,300</b>	<b>\$ 431,300</b>	<b>\$ 1,232,551</b>
Furniture & Fixtures	0	0	0	0	0	0
Audio Visual	0	0	0	0	0	0
Information Processing	1,772,258	139,893	2,970,829	4,822,200	4,822,200	3,206,956
Maintenance	124,166	646,362	1,675,543	1,887,700	1,887,700	222,841
Miscellaneous	0	0	0	0	0	0
Office	13,801	0	32,876	44,000	44,000	40,085
Telecommunications	0	0	0	0	0	0
Vehicles	0	0	0	0	0	0
Computer Software	195,999	103,184	446,125	666,300	666,300	384,676
<b>Total Capital Budget</b>	<b>\$ 2,107,522</b>	<b>\$ 936,150</b>	<b>\$ 5,286,913</b>	<b>\$ 7,851,500</b>	<b>\$ 7,851,500</b>	<b>\$ 5,087,109</b>
<b>Capital Budget Carryover:</b>						
Fiscal 2022	\$ 447,706	\$ 60,280	\$ 2,693,587	\$ 3,702,800	\$ 3,702,800	\$ 0
Fiscal 2021	0	0	0	0	0	1,109,055
<b>Total Capital Budget Carryover</b>	<b>\$ 447,706</b>	<b>\$ 60,280</b>	<b>\$ 2,693,587</b>	<b>\$ 3,702,800</b>	<b>\$ 3,702,800</b>	<b>\$ 1,109,055</b>

## June 2023 Expense Notes

### General Comments

Administrative expenses totaled \$110.7 million for fiscal 2023, approximately \$1.8 million less than the budget.

### Compensation and Fringe Benefits

Salary and Wages and associated fringe benefits were higher in June due to three paydays versus the typical two paydays per month. Medical/Hospitalization Insurance includes a reserve for medical and pharmacy claims in the self-insured plan.

### Professional and Technical Services

Actuary includes sustainable benefit enhancement plan analysis and three months of pension and health care valuation services. Board Election Processing includes external support to manage and conduct the Retirement Board election. Contract Services includes fees for annual cloud security testing and an external assessment of the procurement process. 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. Health care rate setting charges are included in Health Care Consultant. Insurance renewal support is included in Insurance Consultant. Investigative Services includes annual death match database services. Quarterly investment board consultant services and two months of alternative investment consultant fees are included in Investment Consultant. Investment Research Services includes quarterly private market research services, semi-annual fees for investment strategy research and annual fees for financial data and analytics. Legal Fees include fees paid to outside counsel. Other Consulting Services includes compensation study, external government relations services and annual risk institute membership renewal.

### Repairs and Maintenance

Data Processing Equipment includes annual maintenance for Microsoft hardware and software and network security. Annual maintenance is included in Elevators. Property Tax and Leases includes half-year real estate taxes.

### Communications

Postage includes annual member brochures and costs for replenishing the postage meters. Annual member brochures are included in Printing.

### Utilities

Electricity and Water includes two months of usage.

### Supplies and Materials

Equipment Supplies include laptops, monitors and docking stations.

### Other Expenses

Annual membership to the Coalition to Preserve Retirement Security and Certified Financial Analyst annual membership fees are included in Dues and Licenses. Training for the replacement investment portfolio, human resource and financial management and accounting systems are included in Training.

**State of Ohio Expenses**

Ohio Attorney General representation fees were paid in June.

**Capital Budget**

Capital items for June include payments for the chiller rebuild, garage access gates, audio visual upgrades, security software and the cloud-based investment portfolio system. Remaining unspent capital for the cloud-based financial management and accounting system and the data center cooling system will be carried forward into fiscal year 2024.

**Capital Budget Carryover**

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

**State Teachers Retirement System of Ohio  
Detailed Operating Expenses  
For the Month Ended June 30, 2023**

<u>Account</u>	<u>Vendor</u>	<u>Amount</u>
<b>Compensation</b>		
Salaries & Wages	STRS OHIO	5,081,961
	<b>Total</b>	<b>5,081,961</b>
Overtime	STRS OHIO	8,624
	<b>Total</b>	<b>8,624</b>
	<b>Total Compensation</b>	<b>5,090,585</b>
<b>Fringe Benefits</b>		
OPERS Employer Cost	STRS OHIO	719,560
	<b>Total</b>	<b>719,560</b>
Medical/Hospitalization Insurance	AETNA BEHAVIORAL HEALTH LLC-ASSOC	668
	AETNA LIFE INSURANCE COMPANY	423,361
	AETNA-ASSOC PREM	14,044
	EXPRESS SCRIPTS IN	187,744
	HSA EMPLOYER CONTRIBUTIONS	8,439
	MEDICAL CLAIMS	2,200,000
	MISC. RECEIPTS	(182,517)
	STRS OHIO	(148,255)
	<b>Total</b>	<b>2,503,484</b>
Medicare	STRS OHIO	71,561
	<b>Total</b>	<b>71,561</b>
Dental Insurance	DELTA DENTAL	43,918
	MISC. RECEIPTS	(804)
	<b>Total</b>	<b>43,114</b>
Educational Assistance	FRANKLIN UNIVERSITY	1,273
	<b>Total</b>	<b>1,273</b>
Workers' Compensation	SHEAKLEY UNISERVICE INC	4,508
	STRS OHIO	13,020
	<b>Total</b>	<b>17,528</b>
Life Insurance	MISC. RECEIPTS	(446)
	MUTUAL OF OMAHA	24,168
	<b>Total</b>	<b>23,722</b>
Disability Insurance	MUTUAL OF OMAHA	8,459
	<b>Total</b>	<b>8,459</b>
Wellness	STRS OHIO	(2,412)
	THE FITNESS STORE	151
	<b>Total</b>	<b>(2,261)</b>
	<b>Total Fringe Benefits</b>	<b>3,386,440</b>
<b>Professional and Technical Services</b>		
Actuary	CHEIRON INC	169,459
	<b>Total</b>	<b>169,459</b>
Board Election Processing	ELECTION SERVICES CO	22,741
	<b>Total</b>	<b>22,741</b>
Contract Services	FIFTH THIRD BANK-CORP CARD	(9)



**State Teachers Retirement System of Ohio  
Detailed Operating Expenses  
For the Month Ended June 30, 2023**

<u>Account</u>	<u>Vendor</u>	<u>Amount</u>
	GARTNER INC.	95,000
	GUIDEPOINT SECURITY LLC	48,814
	<b>Total</b>	<b>143,805</b>
Custodial Banking Fees	NORTHERN TRUST	409,545
	<b>Total</b>	<b>409,545</b>
Data Management and Analytics	MERATIVE US LP	29,500
	<b>Total</b>	<b>29,500</b>
Disaster Recovery	RECOVERY POINT SYSTEMS	22,475
	VRC COMPANIES LLC	1,084
	<b>Total</b>	<b>23,559</b>
Employment Verification	FIFTH THIRD BANK-CORP CARD	70
	OHIOHEALTH/WORK HEALTH	939
	SCREENPOINTE INC	531
	<b>Total</b>	<b>1,540</b>
Health Care Consultants	BUCK GLOBAL LLC	21,783
	WAKELY CONSULTING GROUP LLC	41,770
	<b>Total</b>	<b>63,553</b>
Insurance Consultant	ALPHA RISK MANAGEMENT INC	30,000
	<b>Total</b>	<b>30,000</b>
Investigative Services	LEXISNEXIS RISK SOLUTIONS	2,958
	THE BERWYN GROUP	36,900
	<b>Total</b>	<b>39,858</b>
Investment Consultant	CALLAN LLC	134,036
	CLIFFWATER LLC	41,667
	<b>Total</b>	<b>175,703</b>
Investment Research Services	BCA RESEARCH	68,000
	DTCC ITP LLC	1,055
	FACTSET RESEARCH SYSTEMS INC	124,698
	FIFTH THIRD BANK-CORP CARD	91
	GREEN STREET ADVISORS LLC	500
	HFR INC	3,675
	STEPSTONE GROUP LP	37,500
	TRADEWEB LLC	1,800
	VIRTU ITG PLATFORMS LLC	6,113
	WILSHIRE ADVISORS LLC	16,737
	<b>Total</b>	<b>260,169</b>
Legal Fees	CALFEE HALTER AND GRISWOLD LLP	108,185
	LIEBERMAN CONSULTING INC	34,960
	NEWHOUSE PROPHATER KOLMAN & HOGAN LLC	70
	PEREZ & MORRIS LLC	3,200
	TUCKER ELLIS LLP	53,641
	<b>Total</b>	<b>200,056</b>
Medical Examinations	ALBERT J KOLIBASH JR MD	190
	CASE CONSULTANTS OF OHIO LLC	1,050
	CLAIRE V WOLFE MD	570
	CORTNEY A KOHBERGER	2,400
	INDEPENDENT EVALUATORS INC	500

**State Teachers Retirement System of Ohio  
Detailed Operating Expenses  
For the Month Ended June 30, 2023**

<u>Account</u>	<u>Vendor</u>	<u>Amount</u>
	JAMES N ALLEN, MD	570
	JAMES R. HAWKINS, M.D.	-
	JEFFERY C HUTZLER MD	760
	MARC COOPERMAN MD	190
	MARJORIE C GALLAGHER MD	3,135
	MARTIN J GOTTESMAN MD	8,211
	MEDICAL EVALUATORS LLC	2,770
	MITCHELL E NAHRA MD	750
	NORTHWEST EYE SURGEONS INC	450
	OHIO ENT	250
	OLAYA LIZETTE SOLIS MD	2,400
	OPTIMUM CARDIOLOGY INC	300
	ORTHOPEDIC ONE	1,000
	OSU GENERAL INTERNAL MEDICINE LLC	790
	PHYSICAL MEDICINE, SPORTS & INDL LLC	650
	STEIMAN NEUROLOGY GROUP INC	1,725
	STEPHEN F PARISER, MD	380
	<b>Total</b>	<b>29,041</b>
Other Consulting Services	CALFEE HALTER AND GRISWOLD LLP	18,000
	DEAF SERVICES CENTER INC	130
	EILEEN KOREY	4,500
	ENDICOTT MICROFILM INC	1,517
	FIFTH THIRD BANK	15,065
	FLEXIBLE BENEFIT ADMINISTRATORS INC	789
	LESIC AND CAMPER COMMUNICATIONS	5,000
	MCLAGAN PARTNERS INC	170,000
	SAPERSTEIN ASSOCIATES INC	6,500
	THE OHIO STATE UNIVERSITY	20,000
	<b>Total</b>	<b>241,501</b>
Quotation and Analytic Services	BLOOMBERG FINANCE LP	104,944
	ICE DATA INDICES LLC	186
	NYSE MARKET INC	4,774
	OPTIONS PRICE REPORTING AUTHORITY LLC	536
	TSX INC	935
	<b>Total</b>	<b>111,375</b>
Recruitment Fees	AMERICAN EXPRESS COMPANY	1,092
	CRAIN COMMUNICATIONS INC	4,335
	DEANNE SHANAHAN	138
	FIFTH THIRD BANK-CORP CARD	1,994
	SCREENPOINTE INC	220
	YOURMEMBERSHIP.COM INC	315
	<b>Total</b>	<b>8,094</b>
	<b>Total Professional and Technical Services</b>	<b>1,959,499</b>
<b>Repairs and Maintenance</b>		
Building Maintenance and Equipment	AMBIUS LLC 05	1,592
	BATTERIES PLUS LLC	207
	BUCK AND SONS LANDSCAPE SERVICE INC	2,233
	BUCKEYE POWER SALES CO INC	148
	CARR SUPPLY COLUMBUS	197
	CHEM-AQUA	4,171
	EASTWAY SUPPLIES INC	47
	FIBERCARE	4,390
	FIFTH THIRD BANK-CORP CARD	2,450

**State Teachers Retirement System of Ohio**  
**Detailed Operating Expenses**  
**For the Month Ended June 30, 2023**

<u>Account</u>	<u>Vendor</u>	<u>Amount</u>
	GRAINGER INC	9,978
	LINDE GAS AND EQUIPMENT INC	33
	NEWPOINT SERVICES LLC	817
	OHIO ELECTRIC MOTOR SERVICE LLC	1,895
	PIPE-VALVES INC	1,001
	QUALITY POOLS	1,706
	SPEER MECHANICAL	9,417
	STEFFENS SHULTZ INC	718
	TERMINIX	1,060
	VRC COMPANIES LLC	428
	WESCO DISTRIBUTION, INC.	1,820
	WORLY PLUMBING SUPPLY INC	2,352
	<b>Total</b>	<b>46,660</b>
Copiers	ABS MONEY SYSTEMS INC	320
	BLUE TECHNOLOGIES COLUMBUS INC	71
	GORDON FLESCH CO INC	5,025
	IMPACT NETWORKING LLC	87
	WOODHULL LLC	629
	<b>Total</b>	<b>6,132</b>
Data Processing Equipment	AKAMAI TECHNOLOGIES INC	96
	BLOOMBERG FINANCE LP	8,382
	CDW GOVERNMENT INC	166,500
	CLOUDFLARE INC	1,900
	DELL MARKETING LP	134,781
	FIFTH THIRD BANK-CORP CARD	2,578
	FORMAX	3,450
	INCONTACT INC	1,057
	IOVATION INC	13,957
	IPC SYSTEMS, INC.	134
	IRON MOUNTAIN, INC.	7,756
	KOFAX INC	5,658
	MAPSYS SYSTEM AND SOLUTIONS	10,205
	MNJ TECHNOLOGIES DIRECT INC	20,560
	SHI CORP	120,428
	SOLIMAR SYSTEMS, INC	5,256
	WISTIA INC	3,831
	<b>Total</b>	<b>506,529</b>
Elevators	GABLE ELEVATOR	300
	OTIS ELEVATOR COMPANY	68,952
	<b>Total</b>	<b>69,252</b>
Mail Center Equipment	ABS MONEY SYSTEMS INC	360
	PITNEY BOWES GLOBAL FINANCIAL SVC LLC	2,633
	PITNEY BOWES INC	536
	<b>Total</b>	<b>3,529</b>
Property Tax and Leases	FIFTH THIRD BANK-CORP CARD	3,671
	FRANKLIN COUNTY TREASURER	80,957
	HOLLINGSWORTH CAPITAL PARTNERS COLS LLC	9,056
	<b>Total</b>	<b>93,684</b>
Safety & Security Equipment	CAROLYN J OSBORNE	580
	CLIFTON L SPINNER JR	682
	ELECTRONIC SECURITY SERVICES INC	1,484
	HARD FIRE SUPPRESION SYSTEMS	450

**State Teachers Retirement System of Ohio**  
**Detailed Operating Expenses**  
**For the Month Ended June 30, 2023**

<u>Account</u>	<u>Vendor</u>	<u>Amount</u>
	JOHNSON CONTROLS FIRE PROTECTION LP	1,828
	MICHAEL R CHRISTIE	651
	MITCHELL LOCK LLC	135
	RICHARD F VERHOEVEN	558
	RYAN FULTZ	496
	STEWART SECURITY INC	95
	<b>Total</b>	<b>6,959</b>
Trash Removal	MISC. RECEIPTS	(75)
	REPUBLIC SERVICES #046	1,167
	WASTE MANAGEMENT INC	3,911
	<b>Total</b>	<b>5,003</b>
	<b>Total Repairs and Maintenance</b>	<b>737,748</b>
<b>Travel and Vehicles</b>		
Gasoline	FIFTH THIRD BANK-CORP CARD	780
	<b>Total</b>	<b>780</b>
Staff and Board Travel	ALISON LANZA FALLS	334
	AMERICAN EXPRESS COMPANY	20,981
	ANKIT GUPTA	1,438
	ANTHONY WEBB	737
	ARTHUR B. LARD	145
	BRENDON LYDON	89
	CAROL L CORRETHEERS	222
	CARTER B DAVIS	60
	CHRISTINA ELLIOTT	1,130
	CLAUDIA HERRINGTON	31
	DALE L PRICE	533
	DANIEL M MOSS	847
	DRURY INN & SUITES	2,318
	EVELIO ROSARIO III	1,090
	GARRETT WOFFORD	1,469
	GREGORY A TAYLOR	612
	HELLMAN & FRIEDMAN LLC	285
	JAMIE LI	6,351
	JASON BURGER	2,166
	JASON J TINCHER	948
	JEFFERIES	164
	JEFFREY A GILDER	42
	JENNIFER A JONES	1,295
	JULIA A VISKANTA	491
	JULIE SELLERS	176
	JUSTIN MAURER	2,214
	LAUREN CHISNER	1,342
	LOCAL 279-R	40
	MISC. RECEIPTS	(6,361)
	NIK TAN	1,089
	REVERENCE CAPITAL PARTNERS LP	215
	ROBERT W BAIRD & CO INC	300
	RUDY FICHTENBAUM	253
	RYAN (YEON BAE) KONG	1,470
	SCOTT J HUNT	275
	STEVEN FOREMAN	152
	TAMLA D COLE	182
	TIFFANY RUFRANO	1,113
	VISTA EQUITY PARTNERS MANAGEMENT LLC	78

**State Teachers Retirement System of Ohio  
Detailed Operating Expenses  
For the Month Ended June 30, 2023**

<u>Account</u>	<u>Vendor</u>	<u>Amount</u>
	WELLINGTON MANAGEMENT CO LLP	83
	WELLS FARGO SECURITIES	447
	<b>Total</b>	<b>46,846</b>
Vehicle Maintenance	FIFTH THIRD BANK-CORP CARD	53
	GOODYEAR AUTO SERVICE CENTER	25
	<b>Total</b>	<b>78</b>
	<b>Total Travel and Vehicles</b>	<b>47,704</b>
<b>Communications</b>		
Courier Services	FEDEX	240
	RAINBOW EXPRESS INC	1,148
	UNITED PARCEL SERVICE	994
	<b>Total</b>	<b>2,382</b>
Postage	HOPKINS PRINTING INC	225
	LORTON DATA INC.	289
	MAIL SORT LTD	5,000
	MISC. RECEIPTS	(33)
	RESERVE ACCOUNT	170,000
	<b>Total</b>	<b>175,481</b>
Printing	CAPITOL SQUARE PRINTING	1,745
	HOPKINS PRINTING INC	12,531
	PRESSWORKS	23,556
	VERITIV OPERATING COMPANY	4,898
	WESTERN STATES ENVELOPE & LABEL	1,879
	<b>Total</b>	<b>44,609</b>
Telecommunications	AT&T	131
	BREEZELINE	3,359
	CHARTER COMMUNICATIONS	261
	COMMANDLINK LLC	2,127
	T-MOBILE	553
	TREASURER STATE OF OHIO	653
	VERIZON BUSINESS	38,569
	VERIZON WIRELESS	4,467
	<b>Total</b>	<b>50,120</b>
	<b>Total Communications</b>	<b>272,592</b>
<b>Utilities</b>		
Electricity	AMERICAN ELECTRIC POWER	125,833
	CITY OF WESTERVILLE	3,332
	MISC. RECEIPTS	(82)
	<b>Total</b>	<b>129,083</b>
Natural Gas	COLUMBIA GAS OF OHIO	4,018
	UNITED ENERGY TRADING, LLC	7,343
	<b>Total</b>	<b>11,361</b>
Water	COLUMBUS CITY TREASURER	10,915
	<b>Total</b>	<b>10,915</b>
	<b>Total Utilities</b>	<b>151,359</b>
<b>Supplies and Materials</b>		

**State Teachers Retirement System of Ohio**  
**Detailed Operating Expenses**  
**For the Month Ended June 30, 2023**

<u>Account</u>	<u>Vendor</u>	<u>Amount</u>
Equipment Supplies	CDW GOVERNMENT INC	4,425
	FASTSIGNS	50
	FIFTH THIRD BANK-CORP CARD	3,082
	GORDON FOOD SERVICE	2,427
	GRAINGER INC	47
	I SUPPLY COMPANY	4,488
	IT SAVVY	15,898
	MISC. RECEIPTS	(82)
	MNJ TECHNOLOGIES DIRECT INC	42,134
	PRESSWORKS	2,810
	STATE INDUSTRIAL PRODUCTS	1,375
	<b>Total</b>	<b>76,654</b>
Food Service Supplies	AVI FOOD SYSTEMS INC	3,618
	AW	857
	FIFTH THIRD BANK-CORP CARD	235
	GORDON FOOD SERVICE	14,156
	KROGER-COLUMBUS CUSTOMER CHARGES	224
	MISC. RECEIPTS	(3,782)
	SAM'S CLUB	150
	STRS OHIO	(13,533)
	<b>Total</b>	<b>1,925</b>
Office Supplies	BLICK ART MATERIALS	308
	BLUE BOX CORRUGATED INC	200
	CAPITOL OFFICE SUPPLY	79
	EPIC BUSINESS ESSENTIALS	322
	FIFTH THIRD BANK-CORP CARD	36
	PITNEY BOWES INC	116
	STAPLES BUSINESS ADVANTAGE	553
	ULINE INC	44
	WAREHOUSE RACK COMPANY LP	2,111
	<b>Total</b>	<b>3,769</b>
Personal Computer Software	FIFTH THIRD BANK-CORP CARD	100
	MNJ TECHNOLOGIES DIRECT INC	2,628
	<b>Total</b>	<b>2,728</b>
Publications/Subscriptions	BUSINESS FIRST	280
	DIRECTV	209
	FIFTH THIRD BANK-CORP CARD	1,982
	FINANCIAL TIMES LIMITED	8,251
	HANNAH NEWS SERVICE, INC.	2,499
	HIREN GHALA	296
	JORDAN WINTERS	20
	THOMSON REUTERS-WEST	566
	<b>Total</b>	<b>14,103</b>
Uniforms	CINTAS CORPORATION	2,531
	ECONOMY	332
	UNIFIRST CORPORATION	703
	<b>Total</b>	<b>3,566</b>
	<b>Total Supplies and Materials</b>	<b>102,745</b>
<b>Other Expenses</b>		
Conferences and Seminars	GARTNER INC.	5,375
	HUMAN RESOURCES ASSOCIATION-CENTRAL OH	85

**State Teachers Retirement System of Ohio  
Detailed Operating Expenses  
For the Month Ended June 30, 2023**

<u>Account</u>	<u>Vendor</u>	<u>Amount</u>
	JOSEPH E THOMPSON	1,895
	KIMBERLY VANGUNDY	1,795
	LEO WILHELM	439
	MICHELE MOWERY	152
	NATL ASSOC OF STATE RETIREMENT ADMIN	1,500
	PUBLIC SECTOR HEALTHCARE ROUNDTABLE	900
	WILLIAM F SHURMAN II	1,895
	<b>Total</b>	<b>14,036</b>
Dues and Licenses	ADAM JACOBS	459
	AMERICAN BAR ASSOCIATION	150
	AMERICAN PAYROLL INSTITUTE INC	298
	ARMA INTERNATIONAL	195
	BENJAMIN H BREMER	459
	COALITION TO PRESERVE RET SECURITY	15,000
	COLUMBUS BAR ASSOCIATION	235
	DAVID K ROBINSON	459
	DEBRA L HULAND	459
	EMMA N HORNUNG	183
	HEALTH ACTION COUNCIL OHIO	500
	HIREN GHALA	459
	INTERNATIONAL INSTITUTE OF BUS ANALYSIS	139
	JASON BURGER	459
	JASON J TINCHER	784
	JASON M STEIN	459
	JOHN M LEE	459
	JOSEPH B LUBELSKI	459
	LOURDES R DUDANEY	459
	MARCY H YEAMANS	459
	MARIA MURATORI	459
	NICHOLAS SUMME	459
	OHIO DEPARTMENT OF COMMERCE	850
	PUBLIC SECTOR HEALTHCARE ROUNDTABLE	2,800
	R JANE SHEA	60
	RONALD J COLASANTI	459
	RYAN (YEON BAE) KONG	459
	SAM'S CLUB	50
	STEPHEN MAYES	459
	SUPREME COURT OF OHIO	2,000
	THOMAS S COUNTS	245
	TIMOTHY SCHOENING	459
	VENKATESH THAGADUR	169
	VINCENT PETITTI	459
	<b>Total</b>	<b>31,920</b>
Member Education Programs	COURTYARD MARRIOTT	878
	DOUBLETREE HOTEL	800
	FIFTH THIRD BANK-CORP CARD	431
	<b>Total</b>	<b>2,109</b>
Miscellaneous	CAPITOL SQUARE REVIEW & ADVISORY BOARD	200
	FIFTH THIRD BANK-CORP CARD	372
	LONDON CENTRAL SERVICES LTD	170
	MAPLE LEE FLOWERS	73
	MISC. RECEIPTS	(229)
	STRS OHIO	32
	TL SAVAGE INC	112
	VRC COMPANIES LLC	319

**State Teachers Retirement System of Ohio  
Detailed Operating Expenses  
For the Month Ended June 30, 2023**

<u>Account</u>	<u>Vendor</u>	<u>Total</u>	<u>Amount</u>
		<b>Total</b>	<b>1,049</b>
Other Board Expense	FIFTH THIRD BANK-CORP CARD		14
	MISCELLANEOUS EXPENSE		401
		<b>Total</b>	<b>415</b>
Other Staff Expense	AARON BLACK		10
	ANITA L DAVENPORT		17
	CHRISSIE L GROSSHOLZ		17
	CHRISTINE M SCHOENLEB		17
	CLARISSA R LOPEZ KHALIFE RAWAS		17
	DANIELLE HUME		17
	DORI L DEJARNETTE		17
	ELIZABETH A HOPEWOOD		17
	FIFTH THIRD BANK-CORP CARD		195
	HEATHER M LEWIS		17
	HEATHER SHARPE		25
	JANET A WOODLAND		17
	JENNIFER MOSLEY		204
	JENNIFER SMALL		17
	JOYCE E BALDWIN		129
	KARLA L SMITH		17
	KERIN B ELGIN		17
	KIMBERLY K DONALD		17
	MAPLE LEE FLOWERS		73
	MISCELLANEOUS EXPENSE		1,102
	NATHAN S HUME		17
	PEGGY A RIPLEY		17
	STACIE L HINES		34
	STRS OHIO		(1,033)
	SUZAN J WALTERS		325
	WILLIE VANN		19
		<b>Total</b>	<b>1,338</b>
Training	CASTLE PEAK ASSOCIATES LP		19,645
	MISCELLANEOUS EXPENSE		(439)
	WORKDAY INC		37,500
		<b>Total</b>	<b>56,706</b>
	<b>Total Other Expenses</b>		<b>107,573</b>
<b>State of Ohio Expenses</b>			
Ohio AG Reimbursement	STATE OF OHIO ATTORNEY GENERALS OFFICE		17,299
		<b>Total</b>	<b>17,299</b>
State Treas Processing Charges	TREASURER STATE OF OHIO		210
		<b>Total</b>	<b>210</b>
	<b>Total State of Ohio Expenses</b>		<b>17,509</b>
<b>Total Operating Expenses</b>			<b>11,873,754</b>