



## June Financial Reporting & Expenses

Succeeding this cover page are the STRS Ohio financial reports & expenses for the period ending June 30, 2018. 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**  
 Actual Expenses vs. Budget  
 For the Month and Fiscal Year-to-Date Ended June 30, 2018

	June	May	Year-to-Date	Expected Budget-to-Date	Annual Budget	Prior Year-to-Date
Salaries and Wages	\$ 3,845,077	\$ 3,829,882	\$ 60,602,214	\$ 60,533,200	\$ 60,533,200	\$ 58,341,200
Fringe Benefits	1,566,740	1,308,159	16,940,647	16,713,300	16,713,300	16,377,364
Professional and Technical Services	1,436,013	1,387,056	10,310,178	10,759,000	10,759,000	10,563,954
Repairs and Maintenance	791,906	718,133	5,652,730	5,728,500	5,728,500	5,590,190
Travel and Vehicles	91,131	68,965	636,286	723,900	723,900	638,981
Communications	155,413	34,975	1,852,972	2,004,100	2,004,100	1,934,747
Utilities	198,235	85,866	1,034,734	1,018,000	1,018,000	1,090,772
Supplies and Materials	97,366	51,668	882,710	932,700	932,700	933,724
Other Expenses	54,515	63,078	1,006,006	1,142,900	1,142,900	1,068,454
<b>Total Operating Expenses</b>	<b>\$ 8,236,396</b>	<b>\$ 7,547,782</b>	<b>\$ 98,918,477</b>	<b>\$ 99,555,600</b>	<b>\$ 99,555,600</b>	<b>\$ 96,539,386</b>
Capital Budget	\$ 801,706	\$ 197,417	\$ 2,968,274	\$ 3,306,000	\$ 3,306,000	\$ 2,091,872
State of Ohio Expenses	\$ 60,289	\$ 177	\$ 309,833	\$ 364,000	\$ 364,000	\$ 290,585

Staffing Information:	June	May	April
Budgeted FTE Associates	544	544	544
Full Time Equivalent Associates	527	528	531
Open FTE Positions	9	8	4

\_\_\_\_ Mr. Hill \_\_\_\_ moved, seconded by \_\_\_\_ Mr. Stein \_\_\_\_, that the report be accepted and the expenditures for the month ending June 30, 2018 in the total amount of \$9,098,391 be approved.

**STATE TEACHERS RETIREMENT SYSTEM**

Actual Expenses vs. Budget

For the Month and Fiscal Year-to-Date Ended June 30, 2018

	June	May	Year-to-Date	Expected Budget-to-Date	Annual Budget	Prior Year-to-Date
<b>SALARIES AND WAGES</b>						
Salaries and Wages	\$ 3,826,220	\$ 3,812,357	\$ 49,742,933	\$ 49,516,900	\$ 49,516,900	\$ 48,822,944
Other Compensation	1,047	2,379	20,808	33,100	33,100	36,677
Incentive Compensation	0	0	9,222,061	9,000,000	9,000,000	7,372,751
Unused Vacation and Sick Leave	0	5,599	1,446,400	1,823,000	1,823,000	1,954,577
Overtime	13,285	7,372	105,452	90,600	90,600	88,766
Service Awards	4,525	2,175	64,560	69,600	69,600	65,485
<b>Total Salaries and Wages</b>	<b>\$ 3,845,077</b>	<b>\$ 3,829,882</b>	<b>\$ 60,602,214</b>	<b>\$ 60,533,200</b>	<b>\$ 60,533,200</b>	<b>\$ 58,341,200</b>
<b>FRINGE BENEFITS</b>						
OPERS Employer Cost	\$ 542,387	\$ 542,121	\$ 7,887,984	\$ 7,919,100	\$ 7,919,100	\$ 7,565,311
Medical/Hospitalization Insurance	881,870	624,350	7,025,517	6,750,000	6,750,000	6,845,992
Medicare	54,442	54,444	863,496	890,700	890,700	833,157
Dental Insurance	50,533	49,744	601,624	612,000	612,000	605,941
Educational Assistance	2,592	3,194	109,716	125,000	125,000	97,473
Workers' Compensation	8,525	8,435	132,548	122,000	122,000	142,176
Life Insurance	19,352	19,341	218,631	201,300	201,300	200,985
Disability Insurance	7,914	7,900	88,935	81,900	81,900	81,806
Wellness	(1,692)	(1,632)	(8,355)	0	0	(29,019)
Unemployment Compensation	817	262	20,551	11,300	11,300	33,542
<b>Total Fringe Benefits</b>	<b>\$ 1,566,740</b>	<b>\$ 1,308,159</b>	<b>\$ 16,940,647</b>	<b>\$ 16,713,300</b>	<b>\$ 16,713,300</b>	<b>\$ 16,377,364</b>
<b>PROFESSIONAL AND TECHNICAL SERVICES</b>						
Actuary	\$ 9,894	\$ 45,912	\$ 219,311	\$ 272,500	\$ 272,500	\$ 513,257
Audit	60,640	21,601	318,757	299,500	299,500	212,718
Banking Expense	8,963	11,290	132,829	216,500	216,500	197,321
Board Election Processing	13,870	136	68,311	65,000	65,000	47,199
Contract Services	32,136	9,585	283,430	265,000	265,000	207,980
Custodial Banking Fees	544,292	524,792	2,324,352	2,512,500	2,512,500	2,574,788
Data Management and Analytics	33,375	0	135,670	176,000	176,000	112,378
Disaster Recovery	2,356	974	13,565	14,000	14,000	13,593
Employment Verification	173	184	4,666	4,500	4,500	5,450
Health Care Consultant	124,511	20,539	176,300	186,000	186,000	204,700
Insurance Consultant	10,000	10,000	92,500	92,500	92,500	90,500
Investigative Services	968	9,143	15,529	15,800	15,800	16,758
Investment Consultant	152,472	20,834	693,222	700,000	700,000	751,098
Investment Research Services	60,304	145,807	2,436,010	2,550,000	2,550,000	2,424,669
Legal Fees	29,753	5,028	331,022	370,000	370,000	368,745
Medical Examinations	37,688	33,216	382,691	455,000	455,000	330,880
Other Consulting Services	251,001	29,778	588,794	499,800	499,800	591,518
Quotation and Analytic Services	58,030	496,449	1,974,551	1,972,000	1,972,000	1,790,770
Real Estate Contract Services	0	0	40,425	50,000	50,000	41,089
Recruitment Fees	3,793	500	40,014	22,400	22,400	35,106
Temporary Employment Services	1,794	1,288	38,229	20,000	20,000	33,437
<b>Total Professional/Technical Services</b>	<b>\$ 1,436,013</b>	<b>\$ 1,387,056</b>	<b>\$ 10,310,178</b>	<b>\$ 10,759,000</b>	<b>\$ 10,759,000</b>	<b>\$ 10,563,954</b>

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	\$ 40,151	\$ 39,101	\$ 687,273	\$ 715,000	\$ 715,000	\$ 720,081
Copiers	24,583	7,295	109,493	110,000	110,000	86,247
Data Processing Equipment	512,213	652,899	4,301,288	4,309,000	4,309,000	4,165,484
Elevators	69,491	0	63,597	93,000	93,000	85,132
Mail Center Equipment	4,308	1,962	15,540	21,500	21,500	10,379
Property Tax and Leases	89,790	9,057	270,143	240,000	240,000	354,891
Safety and Security Equipment	48,132	4,266	179,043	220,000	220,000	135,374
Trash Removal	3,238	3,553	26,353	20,000	20,000	32,602
Total Repairs and Maintenance	\$ 791,906	\$ 718,133	\$ 5,652,730	\$ 5,728,500	\$ 5,728,500	\$ 5,590,190
<b>TRAVEL AND VEHICLES</b>						
Gasoline	\$ 1,023	\$ 727	\$ 7,651	\$ 12,000	\$ 12,000	\$ 7,597
Staff and Board Travel	89,193	67,310	621,516	698,900	698,900	623,029
Vehicle Maintenance	915	928	7,119	13,000	13,000	8,355
Total Travel and Vehicles	\$ 91,131	\$ 68,965	\$ 636,286	\$ 723,900	\$ 723,900	\$ 638,981
<b>COMMUNICATIONS</b>						
Courier Services	\$ 3,020	\$ 1,612	\$ 22,620	\$ 27,200	\$ 27,200	\$ 25,647
Outsourced Distribution	9,559	1,103	86,158	105,000	105,000	104,089
Photography / Media	0	0	0	5,000	5,000	2,400
Postage	38,133	116	1,128,029	1,130,000	1,130,000	1,137,904
Printing	73,006	5,666	318,239	395,000	395,000	384,733
Telecommunications	31,695	26,478	297,926	341,900	341,900	279,974
Total Communications	\$ 155,413	\$ 34,975	\$ 1,852,972	\$ 2,004,100	\$ 2,004,100	\$ 1,934,747
<b>UTILITIES</b>						
Electricity	\$ 162,985	\$ 63,250	\$ 818,966	\$ 800,000	\$ 800,000	\$ 852,563
Natural Gas	22,446	17,496	149,608	120,000	120,000	158,248
Oil	0	0	0	18,000	18,000	0
Water	12,804	5,120	66,160	80,000	80,000	79,961
Total Utilities	\$ 198,235	\$ 85,866	\$ 1,034,734	\$ 1,018,000	\$ 1,018,000	\$ 1,090,772
<b>SUPPLIES AND MATERIALS</b>						
Equipment Supplies	\$ 54,301	\$ 15,316	\$ 586,062	\$ 593,800	\$ 593,800	\$ 623,022
Food Service Supplies	15,391	2,963	61,803	48,000	48,000	67,182
Office Supplies	6,989	1,370	48,144	65,000	65,000	49,507
Personal Computer Software	3,467	11,433	75,529	80,300	80,300	66,050
Publications/Subscriptions	13,502	17,317	72,132	109,600	109,600	83,910
Uniforms	3,716	3,269	39,040	36,000	36,000	44,053
Total Supplies and Materials	\$ 97,366	\$ 51,668	\$ 882,710	\$ 932,700	\$ 932,700	\$ 933,724

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	4,561	9,091	84,214	89,900	89,900	73,905
Dues and Licenses	32,106	19,387	154,772	161,500	161,500	159,236
Equipment Rental	0	0	0	0	0	0
Insurance	0	0	501,814	525,900	525,900	525,883
Member/Employer Education Programs	9,123	15,458	108,510	167,200	167,200	155,246
Miscellaneous Expense	4,316	1,270	19,282	25,000	25,000	20,592
Other Board Expense	282	350	3,574	4,000	4,000	4,475
Other Staff Expense	721	2,891	14,767	22,400	22,400	6,856
Training	3,406	14,631	119,073	144,000	144,000	122,261
<b>Total Other Expenses</b>	<b>\$ 54,515</b>	<b>\$ 63,078</b>	<b>\$ 1,006,006</b>	<b>\$ 1,142,900</b>	<b>\$ 1,142,900</b>	<b>\$ 1,068,454</b>
<b>Total Operating Expenses</b>	<b>\$ 8,236,396</b>	<b>\$ 7,547,782</b>	<b>\$ 98,918,477</b>	<b>\$ 99,555,600</b>	<b>\$ 99,555,600</b>	<b>\$ 96,539,386</b>
<b>Capital Budget</b>						
	June	May	Year-to-Date	Expected Budget-to-Date	Annual Budget	Prior Year-to-Date
Building Improvements	\$ 92,275	\$ 65,126	\$ 278,590	\$ 320,000	\$ 320,000	\$ 219,986
Furniture & Fixtures	0	0	0	0	0	0
Audio Visual	0	0	0	0	0	92,129
Information Processing	295,427	32,291	774,494	682,300	682,300	657,765
Maintenance	118,408	0	126,503	162,200	162,200	158,496
Miscellaneous	0	0	0	0	0	0
Office	0	0	20,356	37,500	37,500	6,375
Telecommunications	0	0	0	0	0	0
Vehicles	20,600	0	20,600	0	0	22,257
Computer Software	274,996	100,000	1,747,731	2,104,000	2,104,000	934,864
<b>Total Capital Budget</b>	<b>\$ 801,706</b>	<b>\$ 197,417</b>	<b>\$ 2,968,274</b>	<b>\$ 3,306,000</b>	<b>\$ 3,306,000</b>	<b>\$ 2,091,872</b>
<b>Total State of Ohio Expenses</b>	<b>\$ 60,289</b>	<b>\$ 177</b>	<b>\$ 309,833</b>	<b>\$ 364,000</b>	<b>\$ 364,000</b>	<b>\$ 290,585</b>

## June 2018 Expense Notes

### General Comments

Administrative expenses totaled \$98.9 million for fiscal year 2018, approximately \$640,000 less than expected.

June administrative expenses are higher because they include July payments for goods and services received in the 2018 fiscal year.

### Salaries and Fringe Benefits

Medical/Hospitalization Insurance represents higher claims experience.

### Professional and Technical Services

Actuary includes an update of purchase of service credit factors and DC rate analysis. Audit includes costs for the health care claims and annual financial statement audits. Board Election Processing includes external support to manage and conduct the Retirement Board election. Contract Services includes a STaRS change order and services for IT security and work management. One month of domestic custody fees and one quarter of global custody, collateral and performance charges are included in Custodial Banking Fees. Data Management and Analytics includes quarterly retiree health care services. Consulting services for the pharmacy benefit manager request for proposal and 2019 health care rate setting charges are included in Health Care Consultant. Two monthly fees to the alternative investment consultant and one quarter of investment board consultant services are included in Investment Consultant. Investment Research Services includes semi-annual international research services and two months of fixed income risk and analysis services. Legal Fees include counsel charges on the mitigating rate litigation. External investment performance verification services, McLagan compensation study and the annual payment for Gartner information technology services are included in Other Consulting Services.

### Repairs and Maintenance

Four replacement copy machines are included in Copiers. Data Processing Equipment includes annual maintenance for the project management tool, STaRS security scanning tool, storage area network and database software, Adobe products and Microsoft. Annual maintenance is included in Elevators. Property Tax and Leases includes half-year real estate taxes. Safety and Security Equipment includes building access maintenance.

### Communications

Included in Postage and Printing are costs associated with the active member newsletter.

### Utilities

Electricity includes vendor billings and usage through May. Natural Gas and Water reflect two months of usage.

### Supplies and Materials

Equipment Supplies includes iPads, desktop computers and monitors. Annual *Financial Times* subscriptions are included in Publications/Subscriptions.

**Other Expenses**

Employee Benefit Research Institute and Certified Financial Analyst annual membership fees are included in Dues and Licenses.

**Capital Budget**

Capital items for June include replacement network switches, servers and components, exterior building caulking repair, security camera and firewall upgrades, STaRS Version 10 upgrade costs, telecommunications system upgrade and a counseling van.

**State of Ohio Expenses**

Annual fees were paid for Ohio Attorney General representation.

**STATE TEACHERS RETIREMENT SYSTEM OF OHIO**  
**Detailed Operating Expenses**  
**For the month ended June 30, 2018**

<u>ACCOUNT</u>	<u>VENDOR</u>	<u>AMOUNT</u>
<b>Salaries and Wages</b>		
Salaries & Wages	STRS OHIO	3,831,792
		<b>Total 3,831,792</b>
Overtime	STRS OHIO	13,285
		<b>Total 13,285</b>
	<b>Total Salaries and Wages</b>	<b>3,845,077</b>
<b>Fringe Benefits</b>		
OPERS Employer Cost	STRS OHIO	542,387
		<b>Total 542,387</b>
Medical/Hospitalization Insurance	INTERNAL REVENUE SERVICE	2,872
	MEDICAL CLAIMS	890,000
	MISC. RECEIPTS	(2,992)
	STRS OHIO	(86,739)
	UNITED HEALTHCARE INSURANCE CO	78,729
		<b>Total 881,870</b>
Medicare	STRS OHIO	54,442
		<b>Total 54,442</b>
Dental Insurance	DELTA DENTAL	50,533
		<b>Total 50,533</b>
Educational Assistance	KELLER GRADUATE SCHOOL	1,723
	MISC. RECEIPTS	(951)
	SOUTHERN NEW HAMPSHIRE UNIVERSITY	1,920
	STRS OHIO	(100)
		<b>Total 2,592</b>
Workers' Compensation	STRS OHIO	8,525
		<b>Total 8,525</b>
Life Insurance	LINCOLN NATIONAL LIFE INSURANCE COMPANY	19,386
	MISC. RECEIPTS	(34)
		<b>Total 19,352</b>
Disability Insurance	LINCOLN NATIONAL LIFE INSURANCE COMPANY	7,914
		<b>Total 7,914</b>
Wellness	LIFECARE ALLIANCE	250
	MISC. RECEIPTS	(252)
	OHIOHEALTH/WORK HEALTH	640
	STELLA CORNETT	240
	STRS OHIO	(2,570)
		<b>Total (1,692)</b>



**STATE TEACHERS RETIREMENT SYSTEM OF OHIO**  
**Detailed Operating Expenses**  
**For the month ended June 30, 2018**

<u>ACCOUNT</u>	<u>VENDOR</u>	<u>AMOUNT</u>
Unemployment Compensation	OHIO DEPT OF JOB AND FAMILY SERVICES	817
	<b>Total</b>	<b>817</b>
	<b>Total Fringe Benefits</b>	<b>1,566,740</b>
<b>Professional and Technical Services</b>		
Actuary	SEGAL COMPANY	9,894
	<b>Total</b>	<b>9,894</b>
Audit	CLAIM TECHNOLOGIES INC	25,640
	CLIFTONLARSONALLEN LLP	35,000
	<b>Total</b>	<b>60,640</b>
Banking Expense	FIFTH THIRD BANK	8,963
	<b>Total</b>	<b>8,963</b>
Board Election Processing	ELECTION SERVICES CO	13,870
	<b>Total</b>	<b>13,870</b>
Contract Services	DAVE CAPERTON	2,750
	SECUREWORKS INC	3,162
	SERVICENOW INC	6,750
	SOUNDCOM SYSTEMS	180
	VITECH SYSTEMS GROUP INC	13,476
	VPMA GLOBAL SERVICES LLC	5,500
	W BRADLEY ELECTRIC INC/ WBE NETWORK SYS	318
	<b>Total</b>	<b>32,136</b>
Custodial Banking Fees	FIFTH THIRD BANK	22,571
	NORTHERN TRUST	521,721
	<b>Total</b>	<b>544,292</b>
Data Management and Analytics	OPTUMHEALTH	33,375
	<b>Total</b>	<b>33,375</b>
Disaster Recovery	FIFTH THIRD BANK-CORP CARD	102
	FIREPROOF RECORDS CENTER	1,458
	RECOVERY POINT SYSTEMS	796
	<b>Total</b>	<b>2,356</b>
Employment Verification	SCREENPOINTE INC	173
	<b>Total</b>	<b>173</b>

**Detailed Operating Expenses  
For the month ended June 30, 2018**

<u>ACCOUNT</u>	<u>VENDOR</u>	<u>AMOUNT</u>
Health Care Consultants	AON CONSULTING INC	56,500
	OPTUMHEALTH	6,250
	TOWERS WATSON DELAWARE INC	61,761
	<b>Total</b>	<b>124,511</b>
Insurance Consultant	ALPHA RISK MANAGEMENT INC	10,000
	<b>Total</b>	<b>10,000</b>
Investigative Services	FIFTH THIRD BANK-CORP CARD	24
	LEXISNEXIS RISK SOLUTIONS	944
	<b>Total</b>	<b>968</b>
Investment Consultant	CALLAN LLC	110,805
	CLIFFWATER LLC	41,667
	<b>Total</b>	<b>152,472</b>
Investment Research Services	BARCLAYS BANK PLC	22,793
	DTCC ITP LLC	800
	EMPIRICAL RESEARCH PARTNERS LLC	17,500
	ITG PLATFORMS INC	3,056
	TRADEWEB LLC	1,500
	WILSHIRE ASSOCIATES INC	14,655
	<b>Total</b>	<b>60,304</b>
Legal Fees	CALFEE HALTER AND GRISWOLD LLP	2,362
	JONES DAY	149
	MUNGER TOLLES AND OLSON LLP	73
	PORTER WRIGHT MORRIS & ARTHUR LLP	68
	PRYOR CASHMAN LLP	1,903
	RICOH USA INC	1,484
	TUCKER ELLIS LLP	23,714
	<b>Total</b>	<b>29,753</b>
Medical Examinations	ALBERT J KOLIBASH JR MD	640
	CLAIRE V WOLFE MD	720
	COLUMBUS CARDIOLOGY CARE	310
	DELANEY SMITH MD	450
	DISABILITY & IMPAIRMENT EVALUATIONS, INC	4,150
	DONALD C MANN MD INC	1,500
	EDWIN H SEASON MD INC	180
	JAMES N ALLEN, MD	640
	JAMES R. HAWKINS, M.D.	1,800
	JEFFERY C HUTZLER MD	280
	JON KRONBERG MD	500
	KIDNEY SPECIALISTS INC	250
	MARC COOPERMAN MD	540
	MARJORIE C GALLAGHER MD	725
	MARTIN J GOTTESMAN MD	7,083
	MEDICAL ASSESSMENTS LLC	75
	MEDICAL EVALUATORS LLC	2,200
	MERCY ST VINCENT OCC HEALTH	900
	METROHEALTH PROFESSIONAL GROUP	623
	NICHOLAS AHN MD INC	6,050
	ORTHOPEDIC ONE	1,000
	OSU INTERNAL MEDICINE, LLC	1,185
	PHYSICAL MEDICINE, SPORTS & INDL LLC	500
	QUALITY EVALUATION INC	1,300
	SCIOTO VALLEY UROLOGY, INC	143
	SOUTHEAST OHIO REGIONAL ORTHOPAEDIC LLC	600
STEIMAN NEUROLOGY GROUP INC	1,725	

**Detailed Operating Expenses  
For the month ended June 30, 2018**

<u>ACCOUNT</u>	<u>VENDOR</u>	<u>AMOUNT</u>
	STEPHEN D HEIS MD & ASSOCIATES	475
	STEPHEN F PARISER, MD	280
	UNIVERSITY HOSPITAL MEDICAL GROUP INC	864
	<b>Total</b>	<b>37,688</b>
Other Consulting Services	ACA PERFORMANCE SERVICES LLC	21,400
	CALFEE HALTER AND GRISWOLD LLP	5,000
	ENDICOTT MICROFILM INC	146
	FIFTH THIRD BANK	14,555
	GARTNER INC.	117,900
	MCLAGAN PARTNERS INC	92,000
	<b>Total</b>	<b>251,001</b>
Quotation and Analytic Service	BLOOMBERG FINANCE LP	43,840
	FRANK RUSSELL COMPANY	7,812
	NYSE MARKET INC	5,086
	OPTIONS PRICE REPORTING AUTHORITY LLC	472
	TSX INC	820
	<b>Total</b>	<b>58,030</b>
Recruitment Fees	AMERICAN EXPRESS COMPANY	1,178
	DRURY INN & SUITES	230
	GENERAL DYNAMICS INFORMATION TECHNOLOGY	90
	NATIONAL URBAN LEAGUE INC	1,995
	YOURMEMBERSHIP.COM INC	300
	<b>Total</b>	<b>3,793</b>
Temporary Employment Services	OFFICE TEAM	1,794
	<b>Total</b>	<b>1,794</b>
	<b>Total Professional and Technical Services</b>	<b>1,436,013</b>
<b>Repairs and Maintenance</b>		
Building Maintenance and Equipment	ABCO FIRE PROTECTION INC	166
	AMBIUS LLC 05	1,573
	BATTERIES PLUS	39
	BOILER TECH INC	232
	BUCK AND SONS LANDSCAPE SERVICE INC	1,627
	COLUMBUS FASTENERS CORP	294
	CONSOLIDATED ELECT DIST	78
	CULLIGAN OF COLUMBUS	1,049
	FIFTH THIRD BANK-CORP CARD	1,180
	GLOBE WINDOW CLEANING INC	793
	GRAINGER INC	1,378
	I SUPPLY COMPANY	8,664
	JOHNSON CONTROLS INC	549
	KOORSEN FIRE AND SECURITY INC	1,650
	LEGACY MAINTENANCE SERVICES LLC	6,200
	LOMBARDI WATER MANAGEMENT INC	1,218

**Detailed Operating Expenses  
For the month ended June 30, 2018**

<u>ACCOUNT</u>	<u>VENDOR</u>	<u>AMOUNT</u>
	LOWES BUSINESS ACCOUNT	308
	MCMASTER-CARR SUPPLY COMPANY	458
	PEPCO	513
	PIPE-VALVES INC	59
	PRAXAIR DISTRIBUTION INC	340
	R W HATFIELD CO INC PROLINE	1,157
	SCOTSMAN MID-OHIO	300
	SPEER MECHANICAL	7,239
	STEFFENS SHULTZ INC	512
	TERMINIX	918
	THE DOOR COMPANY	381
	WESCO DISTRIBUTION, INC.	539
	WESTWATER SUPPLY CO	559
	WORLY PLUMBING SUPPLY INC	178
	<b>Total</b>	<b>40,151</b>
Copiers	BLUE TECHNOLOGIES COLUMBUS INC	17,124
	CANON FINANCIAL SERVICES INC	3,804
	GORDON FLESCH CO INC	3,079
	MT BUSINESS TECHNOLOGIES INC	576
	<b>Total</b>	<b>24,583</b>
Data Processing Equipment	ARROW GLOBAL ASSET DISPOSITION INC	1,804
	BLOOMBERG FINANCE LP	2,000
	CDW GOVERNMENT INC	94,789
	CITRIX SYSTEMS INC	6,596
	DIGICERT INC	315
	ENTCO GOVERNMENT SOFTWARE LLC	6,004
	ENVIRONMENTAL SYSTEM RESEARCH INSTITUTE	9,500
	FIFTH THIRD BANK-CORP CARD	2,757
	FORMAX	5,750
	GENUITEC LLC	254
	INFORMATION MANAGEMENT SERVICES	11,554
	IOVATION INC	7,294
	LINKEDIN	10,000
	LOGMEIN USA INC	1,896
	MAPSYS SYSTEM AND SOLUTIONS	104,383
	MELILLO CONSULTING INC	17,814
	MICROSOFT CORPORATION	83,649
	MNJ TECHNOLOGIES DIRECT INC	31,536
	PITNEY BOWES INC	823
	SERVICE EXPRESS INC	1,021
	SHI CORP	26,010
	SMARTDRAW SOFTWARE LLC	419
	SOLIMAR SYSTEMS, INC	5,083
	TELEMATE.NET SOFTWARE	2,746
	THE OHIO STATE UNIVERSITY	4,608
	WISTIA INC	950
	WONDERLIC INC	250
	WORKFRONT INC	67,706
	XEROX CORPORATION	4,702
	<b>Total</b>	<b>512,213</b>
Elevators	OTIS ELEVATOR	69,491
	<b>Total</b>	<b>69,491</b>
Mail Center Equipment	ABS MONEY SYSTEMS INC	3,440
	PITNEY BOWES INC	868
	<b>Total</b>	<b>4,308</b>

**Detailed Operating Expenses  
For the month ended June 30, 2018**

<u>ACCOUNT</u>	<u>VENDOR</u>	<u>AMOUNT</u>
Property Tax and Leases	FRANKLIN COUNTY TREASURER	80,734
	HOLLINGSWORTH CAPITAL PARTNERS COLS LLC	9,056
	<b>Total</b>	<b>89,790</b>
Safety & Security Equipment	CAMTRONICS COMMUNICATION COMPANY	29,048
	ELECTROCOMM COLUMBUS CORP	1,178
	FIFTH THIRD BANK-CORP CARD	953
	GRAYBAR	1,152
	HARD FIRE SUPPRESSION SYSTEMS	2,494
	KOORSEN FIRE AND SECURITY INC	2,750
	NOFZIGER DOOR SALES OF COLUMBUS	7,316
	SIGNATURE CONTROL SYSTEMS LLC	415
	THOMAS DOOR CONTROLS INC	2,826
	<b>Total</b>	<b>48,132</b>
Trash Removal	MH EQUIPMENT COMPANY	112
	MISC. RECEIPTS	(173)
	REPUBLIC SERVICES #046	368
	WASTE MANAGEMENT INC	2,931
<b>Total</b>	<b>3,238</b>	
<b>Total Repairs and Maintenance</b>		<b>791,906</b>
<b>Travel and Vehicles</b>		
Gasoline	FIFTH THIRD BANK-CORP CARD	1,023
	<b>Total</b>	<b>1,023</b>
Staff and Board Travel	AMERICAN EXPRESS COMPANY	29,480
	ANTHONY A HURD	1,603
	ANTHONY WEBB	218
	BRIAN C RIEHL	399
	CAROL L CORRETHEERS	178
	CENTRAL PLACE RESIDENCES, LLC	13
	CRAIG-HALLUM CAPITAL GROUP LLC	44
	DALE L PRICE	250
	DANIEL P GRIFFIN	547
	DONALD G FORTUNATE	863
	DORI L FREEMAN	539
	DRURY INN & SUITES	460
	ERIC NEWBERG	133
	EUROBANK EQUITIES INVESTMENT FIRM S.A.	372
	EVELIO ROSARIO III	1,420
	FIFTH THIRD BANK-CORP CARD	152
	GARRETT WOFFORD	655
	GRANT EDWARDS	472
	GREGORY A TAYLOR	797
	HIREN GHALA	461
	HOPE D INGRAM	16
	HOPE K SHORT	29
	IRENE T BLACK	1,095
JACOB R CLARK	29	
JAMIE LI	4,199	
JASON M STEIN	646	
JENNIFER A JONES	944	
JOHN A BUCH	175	

## STATE TEACHERS RETIREMENT SYSTEM OF OHIO

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**Detailed Operating Expenses  
For the month ended June 30, 2018**

<u>ACCOUNT</u>	<u>VENDOR</u>	<u>AMOUNT</u>
	JOHN MARTINSEN	5,085
	JORDAN WINTERS	198
	JOSEPH B LUBELSKI	507
	JOSHUA JOHNSTON	31
	JPMORGAN CHASE	1,825
	JULIA A VISKANTA	147
	JULIE M HINES	868
	KATHLEEN C DODD	1,213
	KEITH O HANSON	1,183
	KELLEY S MCCHRISTY	213
	KENNETH H BLANKE	450
	KEYBANC CAPITAL MARKETS INC	580
	KIMBERLY R MOORE	398
	LAWRENCE M TEDESCHI	1,174
	LEWIS LEON DAILEY	1,406
	MACQUARIE SECURITIES	398
	MAINFIRST SECURITIES US INC	125
	MARCY H YEAMANS	938
	MARK HILL	66
	MARLA E BUMP	454
	MARY K WIEDEMER	689
	MELISSA BOYD	2,991
	MELIUS RESERACH LLC	193
	MICHAEL J NEHF	612
	MICHAEL SCHANTZ	21
	MICHELLE S JUMP	504
	MISC. RECEIPTS	(245)
	NICHOLAS J TRENEFF	698
	NICOLAOS A KOSTINIS	214
	NICOLE M HOKE	508
	NIK TAN	1,738
	PANTELAKIS SECURITIES S.A.	53
	RAJ K MENON	512
	RHONDA L HARE	669
	RITA J WALTERS	400
	ROBERT W BAIRD & CO INC	564
	ROBERT W STEIN	341
	RONALD J COLASANTI	303
	RYAN EBERHART	2,591
	STACEY WIDEMAN	917
	STANTON WEST	862
	STEPHEN C ANFANG	933
	STEPHEN M REYNARD	6,163
	STEVEN J LUETTGEN	183
	STEVEN P EASTWOOD	1,316
	SUNIL S DEVADIGA	19
	TAMLA D COLE	286
	TIMOTHY S DRAKE	742
	VINAY CHERUKUPALLY	22
	WILLIAM J NEVILLE	946
	<b>Total</b>	<b>89,193</b>
Vehicle Maintenance	BYERS CHRYSLER, LLC	123
	JAMES L ZAVODNY	13
	KLEAN-A-KAR KUSTOM	239
	TEAM LUBRICATION INC	81
	TOWLIFT INC	459
	<b>Total</b>	<b>915</b>

**Detailed Operating Expenses  
For the month ended June 30, 2018**

<u>ACCOUNT</u>	<u>VENDOR</u>	<u>AMOUNT</u>
	<b>Total Travel and Vehicles</b>	<b>91,131</b>
<b>Communications</b>		
Courier Services	CRANDALL OFFICE FURNITURE INC	236
	FEDEX	16
	RAINBOW EXPRESS INC	1,174
	UNITED PARCEL SERVICE	1,594
	<b>Total</b>	<b>3,020</b>
Outsourced Distribution	BAESMAN GROUP INC	2,145
	THE OLD TRAIL PRINTING CO INC	7,414
	<b>Total</b>	<b>9,559</b>
Postage	ELECTION SERVICES CO	(6,467)
	FIFTH THIRD BANK-CORP CARD	31
	LORTON DATA INC.	255
	POSTMASTER	1,120
	RESERVE ACCOUNT	41,000
	THE OLD TRAIL PRINTING CO INC	1,992
	W C NATIONAL MAILING CORPORATION	202
	<b>Total</b>	<b>38,133</b>
Printing	ADVANCE GRAPHICS	120
	BAESMAN GROUP INC	17,780
	CAPITOL SQUARE PRINTING	4,815
	GOVERNMENT FORMS AND SUPPLIES	2,766
	PRESSWORKS	17,241
	ROBIN ENTERPRISES CO.	2,315
	THE OLD TRAIL PRINTING CO INC	27,969
	<b>Total</b>	<b>73,006</b>
Telecommunications	ABLE INFOSAT COMMUNICATIONS INC	1,305
	AT&T	102
	COREY GEOG	50
	FRONTIER	86
	JASON W BAKER	337
	JOSHUA JOHNSTON	130
	ROBERT KOCI	143
	STEPHEN W EHLERS	23
	T-MOBILE	75
	TIME WARNER CABLE	344
	TREASURER STATE OF OHIO	319
	VERIZON WIRELESS	7,514
	WEST UNIFIED COMMUNICATIONS SERVICES INC	82
	WOW BUSINESS	1,779
	XO COMMUNICATIONS	19,406
	<b>Total</b>	<b>31,695</b>
	<b>Total Communications</b>	<b>155,413</b>
<b>Utilities</b>		
Electricity	AMERICAN ELECTRIC POWER	70,500
	CITY OF WESTERVILLE	5,261
	CONSTELLATION NEW ENERGY INC	87,224
	<b>Total</b>	<b>162,985</b>

## STATE TEACHERS RETIREMENT SYSTEM OF OHIO

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## Detailed Operating Expenses

For the month ended June 30, 2018

<u>ACCOUNT</u>	<u>VENDOR</u>	<u>AMOUNT</u>
Natural Gas	COLUMBIA GAS OF OHIO	2,768
	CONSTELLATION ENERGY SVCS - NATURAL GAS	19,678
	<b>Total</b>	<b>22,446</b>
Water	COLUMBUS CITY TREASURER	12,804
	<b>Total</b>	<b>12,804</b>
	<b>Total Utilities</b>	<b>198,235</b>
<b>Supplies and Materials</b>		
Equipment Supplies	ACCO BRANDS USA LLC	1,958
	CDW GOVERNMENT INC	3,542
	CINTAS CORPORATION	931
	DISCOUNT SCHOOL SUPPLY	429
	FIFTH THIRD BANK-CORP CARD	1,553
	GORDON FOOD SERVICE	2,808
	HILLYARD OHIO	377
	INSIGHT PUBLIC SECTOR INC	1,231
	IT SAVVY	18,622
	KROGER-COLUMBUS CUSTOMER CHARGES	18
	LOTH INC	1,319
	MNJ TECHNOLOGIES DIRECT INC	10,989
	PM PROFESSIONAL SERVICES	404
	QUALITY POOLS	297
	SAM'S CLUB	262
	SUSAN R BROOKS	21
	THE MILLCRAFT PAPER COMPANY	394
	VERITIV OPERATING COMPANY	2,107
	VERIZON WIRELESS	7,039
	<b>Total</b>	<b>54,301</b>
Food Service Supplies	AVI FOOD SYSTEMS INC	2,011
	COCA-COLA BOTTLING CO CONSOLIDATED	2,450
	F CASSANDRA HILL	11
	FIFTH THIRD BANK-CORP CARD	211
	FIRSTCHOICE	183
	GORDON FOOD SERVICE	23,428
	KROGER-COLUMBUS CUSTOMER CHARGES	807
	MISC. RECEIPTS	(8,558)
	READY REFRESH	12
	SAM'S CLUB	424
	SCHNEIDER'S BAKERY INC	424
	STRS OHIO	(8,362)
	TREASURER STATE OF OHIO	2,350
	<b>Total</b>	<b>15,391</b>
Office Supplies	BLUE TECHNOLOGIES COLUMBUS INC	136
	CAPITOL OFFICE SUPPLY	36
	CENTRAL OHIO COPIER SUPPLY	2,712
	FIFTH THIRD BANK-CORP CARD	357
	INDEPENDENT STATIONERS INC	702
	JOSHUA JOHNSTON	43
	NEOPOST USA INC	344
	OFFICE DEPOT INC	171
	PITNEY BOWES INC	99
	PLANETLABEL.COM LLC	199
	STAPLES BUSINESS ADVANTAGE	2,190
	<b>Total</b>	<b>6,989</b>



**Detailed Operating Expenses  
For the month ended June 30, 2018**

<u>ACCOUNT</u>	<u>VENDOR</u>	<u>AMOUNT</u>
Personal Computer Software	CDW GOVERNMENT INC	2,100
	FIFTH THIRD BANK-CORP CARD	368
	SHI CORP	999
	<b>Total</b>	<b>3,467</b>
Publications/Subscriptions	BUSINESS FIRST	90
	COLUMBUS MONTHLY	18
	CRAIN COMMUNICATIONS INC	119
	DIRECTV	193
	FIFTH THIRD BANK-CORP CARD	2,657
	FINANCIAL TIMES LIMITED	6,485
	HANNAH NEWS SERVICE, INC.	2,400
	MATTHEW BENDER & CO INC	434
	NATIONAL REAL ESTATE INVESTOR	129
	REAL ESTATE WEEKLY	49
	RELX INC DBA LEXISNEXIS	652
	THE ECONOMIST	136
THE HIGH-TECH STRATEGIST	140	
<b>Total</b>	<b>13,502</b>	
Uniforms	CINTAS CORPORATION	2,865
	ECONOMY	101
	UNIFIRST CORPORATION	750
	<b>Total</b>	<b>3,716</b>
<b>Total Supplies and Materials</b>		<b>97,366</b>
<b>Other Expenses</b>		
Conferences and Seminars	EVELIO ROSARIO III	40
	HIREN GHALA	35
	INTERNATIONAL INSTITUTE FOR LEARNING	318
	MANUFACTURERS EDUCATION COUNCIL	730
	OHIO SOCIETY OF CPAS	25
	PUBLIC SECTOR HEALTHCARE ROUNDTABLE	225
	SECUREWORKS INC	895
	STANTON WEST	100
	SUSAN D YOUNG	549
	THOMAS SWOGGER	149
	VISUAL STUDIO LIVE	1,495
<b>Total</b>	<b>4,561</b>	
Dues and Licenses	AMERICAN INST OF CERT PUBLIC ACCOUNTANTS	1,375
	AMERICAN SOCIETY FOR QUALITY INC	436
	CFA INSTITUTE	23,145
	CHARTERED MARKET TECHICIANS ASSOCIATION	325
	EMPLOYEE BENEFIT RESEARCH INSTITUTE	4,000
	INFORMATION SYSTEMS SECURITY ASSN INC	115
	INSTITUTE OF INTERNAL AUDITORS	160
	INTERNATIONAL PUBLIC MANAGMENT ASSOC-HR	109
	OHIO DEPARTMENT OF COMMERCE	1,400
	OHIO ETHICS COMMISSION	60
	OHIO SECURITY TRADERS ASSOCIATION	450
	OHIOHEALTH/WORK HEALTH	200
	PROJECT MANAGEMENT INSTITUTE	154
	R JANE SHEA	20
	SAM'S CLUB	45
	STANTON WEST	52
	STEPHANIE MICHELLE RODEN	60
<b>Total</b>	<b>32,106</b>	

**Detailed Operating Expenses  
For the month ended June 30, 2018**

<u>ACCOUNT</u>	<u>VENDOR</u>	<u>AMOUNT</u>
Member / Employer Education Programs	BEST WESTERN	200
	CROWNE PLAZA	1,000
	DOUBLETREE HOTEL	1,591
	FINDLAY INN & CONFERENCE CENTER	900
	HOLIDAY INN	2,795
	LOGMEIN USA INC	2,348
	MISCELLANEOUS EXPENSE	165
	PRESTIGE AV & CREATIVE SERVICES	96
	TAMLA D COLE	28
		<b>Total</b>
Miscellaneous	CAPITOL SQUARE REVIEW & ADVISORY BOARD	400
	FIFTH THIRD BANK-CORP CARD	1,710
	FIREPROOF RECORDS CENTER	1,971
	INFOSTORE LLC	63
	MAPLE LEE FLOWERS	119
	TL SAVAGE INC	53
		<b>Total</b>
Other Board Expense	MISCELLANEOUS EXPENSE	282
		<b>Total</b>
Other Staff Expense	DONATO'S PIZZERIA LLC	88
	FIFTH THIRD BANK-CORP CARD	395
	JAMES L ZAVODNY	89
	JENNIFER MONTENARO	132
	JODI L WELLS	27
	MISCELLANEOUS EXPENSE	600
	STRS OHIO	(810)
	SUZAN J WALTERS	200
	<b>Total</b>	<b>721</b>
Training	BABBAGE SIMMEL & ASSOC INC	1,395
	FIFTH THIRD BANK-CORP CARD	100
	HARD FIRE SUPPRESSION SYSTEMS	562
	IOVATION INC	1,000
	SKILLPATH SEMINARS	349
		<b>Total</b>
	<b>Total Other Expenses</b>	<b>54,515</b>
<b>Total Operating Expenses</b>		<b>8,236,396</b>
State of Ohio Expenses	STATE OF OHIO ATTORNEY GENERALS OFFICE	60,000
	TREASURER STATE OF OHIO	289
	<b>Total State of Ohio Expenses</b>	<b>60,289</b>