



August Financial Reporting & Expenses

Succeeding this cover page are the STRS Ohio financial reports & expenses for the period ending Aug. 31, 2017. 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.

State Teachers Retirement System of Ohio
 Statement of Changes in Net Position
 For the Period July 1, 2017 through August 31, 2017

	Defined Benefit Plans	Defined Contribution	Postemployment Healthcare	Totals
Additions:				
Contributions:				
Member	246,126,835	14,748,747		\$260,875,582
Employer	259,980,938	6,320,892		\$266,301,829
Transfers from Defined Contribution Plan	6,045,287	(6,045,287)		
Medicare D reimbursement			8,964,233	8,964,233
Benefit recipient healthcare premiums			56,206,567	56,206,567
Other retirement systems	4,431,848			4,431,848
Total contributions	<u>516,584,908</u>	<u>15,024,352</u>	<u>65,170,800</u>	<u>596,780,060</u>
Net investment income (loss)	<u>1,304,969,325</u>	<u>16,030,675</u>	<u>69,000,000</u>	<u>1,390,000,000</u>
Total additions	<u>\$1,821,554,233</u>	<u>\$31,055,027</u>	<u>\$134,170,800</u>	<u>\$1,986,780,060</u>
Deductions:				
Service retirement	1,128,728,409			1,128,728,409
Disability retirement	34,890,861			34,890,861
Survivor benefits	20,760,893			20,760,893
Health care			99,667,719	99,667,719
Other	10,222,678			10,222,678
Total benefit payments	<u>1,194,602,841</u>		<u>99,667,719</u>	<u>1,294,270,560</u>
Refunds to members who have withdrawn	43,938,209	6,876,845		50,815,054
Administrative expenses	13,001,988		469,366	13,471,354
Total deductions	<u>\$1,251,543,038</u>	<u>\$6,876,845</u>	<u>\$100,137,085</u>	<u>\$1,358,556,968</u>
Net increase (decrease)	<u>\$570,011,195</u>	<u>\$24,178,182</u>	<u>\$34,033,715</u>	<u>\$628,223,092</u>
Net position held in trust for pension and postemployment healthcare benefits				
Beginning of year	<u>70,884,506,692</u>	<u>1,252,073,242</u>	<u>3,468,864,321</u>	<u>75,605,444,255</u>
End of period	<u>\$71,454,517,887</u>	<u>\$1,276,251,424</u>	<u>\$3,502,898,036</u>	<u>\$76,233,667,347</u>

STATE TEACHERS RETIREMENT SYSTEM
 Actual Expenses vs. Budget
 For the Month and Fiscal Year-to-Date Ended August 31, 2017

	August	July	Year-to-Date	Expected Budget-to-Date	Annual Budget	Prior Year-to-Date
Salaries and Wages	\$ 3,857,933	\$ 3,870,811	\$ 7,728,744	\$ 7,706,677	\$ 60,533,200	\$ 7,677,802
Fringe Benefits	1,261,730	1,244,734	2,506,464	2,526,502	16,713,300	2,498,705
Professional and Technical Services	432,746	881,184	1,313,930	2,136,596	10,759,000	1,961,094
Repairs and Maintenance	610,204	600,546	1,210,750	928,267	5,728,500	794,497
Travel and Vehicles	22,557	9,206	31,763	41,381	723,900	36,226
Communications	141,298	145,526	286,824	266,631	2,004,100	63,470
Utilities	93,622	0	93,622	109,942	1,018,000	117,663
Supplies and Materials	75,374	24,166	99,540	137,361	932,700	131,587
Other Expenses	26,267	111,366	137,633	185,504	1,142,900	155,726
Total Operating Expenses	\$ 6,521,731	\$ 6,887,539	\$ 13,409,270	\$ 14,038,863	\$ 99,555,600	\$ 13,436,770
Capital Budget	\$ 37,037	\$ 35,920	\$ 72,957	\$ 72,957	\$ 3,306,000	\$ 145,426
State of Ohio Expenses	\$ 194	\$ 61,890	\$ 62,084	\$ 62,084	\$ 364,000	\$ 57,128

Staffing Information:	August	July	June
Budgeted FTE Associates	544	544	556
Full Time Equivalent Associates	532	531	532
Open FTE Positions	8	11	8

_____ Mr. Hill _____ moved, seconded by _____ Mr. Stein _____, that the report be accepted and the expenditures for the month ending August 31, 2017 in the total amount of \$6,558,962 be approved.

STATE TEACHERS RETIREMENT SYSTEM

Actual Expenses vs. Budget

For the Month and Fiscal Year-to-Date Ended August 31, 2017

	August	July	Year-to-Date	Expected Budget-to-Date	Annual Budget	Prior Year-to-Date
SALARIES AND WAGES						
Salaries and Wages	\$ 3,839,364	\$ 3,811,741	\$ 7,651,105	\$ 7,617,985	\$ 49,516,900	\$ 7,598,169
Other Compensation	695	1,263	1,958	13,748	33,100	15,234
Incentive Compensation	0	0	0	0	9,000,000	0
Unused Vacation and Sick Leave	5,593	42,441	48,034	48,034	1,823,000	43,930
Overtime	5,406	7,266	12,672	11,936	90,600	11,694
Service Awards	6,875	8,100	14,975	14,975	69,600	8,775
Total Salaries and Wages	\$ 3,857,933	\$ 3,870,811	\$ 7,728,744	\$ 7,706,677	\$ 60,533,200	\$ 7,677,802
FRINGE BENEFITS						
OPERS Employer Cost	\$ 542,142	\$ 542,470	\$ 1,084,612	\$ 1,072,210	\$ 7,919,100	\$ 1,075,507
Medical/Hospitalization Insurance	558,586	555,150	1,113,736	1,125,000	6,750,000	1,130,763
Medicare	54,655	55,210	109,865	137,031	890,700	110,711
Dental Insurance	50,652	50,060	100,712	103,000	612,000	101,980
Educational Assistance	19,878	11,382	31,260	23,242	125,000	18,124
Workers' Compensation	8,902	9,074	17,976	18,769	122,000	19,358
Life Insurance	17,164	16,584	33,748	33,568	201,300	33,515
Disability Insurance	6,891	6,884	13,775	13,683	81,900	13,667
Wellness	(2,140)	(2,080)	(4,220)	0	0	(4,920)
Unemployment Compensation	5,000	0	5,000	0	11,300	0
Total Fringe Benefits	\$ 1,261,730	\$ 1,244,734	\$ 2,506,464	\$ 2,526,502	\$ 16,713,300	\$ 2,498,705
PROFESSIONAL AND TECHNICAL SERVICES						
Actuary	\$ 0	\$ 0	\$ 0	\$ 0	\$ 272,500	\$ 0
Audit	0	0	0	30,553	299,500	21,700
Banking Expense	9,232	14,407	23,639	42,696	216,500	38,914
Board Election Processing	0	0	0	0	65,000	0
Contract Services	0	0	0	28,156	265,000	22,098
Custodial Banking Fees	20,647	31,835	52,482	69,167	2,512,500	94,513
Data Management and Analytics	0	0	0	0	176,000	(2,122)
Disaster Recovery	1,055	0	1,055	1,092	14,000	1,060
Employment Verification	770	40	810	50	4,500	60
Health Care Consultant	0	0	0	0	186,000	10,400
Insurance Consultant	0	15,500	15,500	15,331	92,500	15,000
Investigative Services	453	0	453	506	15,800	537
Investment Consultant	20,833	0	20,833	19,416	700,000	20,833
Investment Research Services	309,098	393,160	702,258	1,182,720	2,550,000	1,124,590
Legal Fees	10,498	413	10,911	28,543	370,000	28,446
Medical Examinations	29,051	18,058	47,109	81,062	455,000	58,949
Other Consulting Services	12,261	0	12,261	125,659	499,800	148,719
Quotation and Analytic Services	9,258	392,193	401,451	493,000	1,972,000	371,038
Real Estate Contract Services	6,981	0	6,981	12,500	50,000	0
Recruitment Fees	1,045	15,210	16,255	2,811	22,400	4,406
Temporary Employment Services	1,564	368	1,932	3,333	20,000	1,953
Total Professional/Technical Services	\$ 432,746	\$ 881,184	\$ 1,313,930	\$ 2,136,596	\$ 10,759,000	\$ 1,961,094

August Expenses vs. Budget

Page 2

	August	July	Year-to-Date	Expected Budget-to-Date	Annual Budget	Prior Year-to-Date
REPAIRS AND MAINTENANCE						
Building Maintenance and Equipment	\$ 56,527	\$ 45,181	\$ 101,708	\$ 146,641	\$ 715,000	\$ 147,683
Copiers	6,192	(137)	6,055	29,542	110,000	23,163
Data Processing Equipment	529,477	545,826	1,075,303	718,167	4,309,000	575,173
Elevators	0	0	0	0	93,000	0
Mail Center Equipment	0	0	0	0	21,500	0
Property Tax and Leases	9,056	9,056	18,112	27,286	240,000	40,348
Safety and Security Equipment	7,283	0	7,283	2,641	220,000	1,625
Trash Removal	1,669	620	2,289	3,991	20,000	6,505
Total Repairs and Maintenance	\$ 610,204	\$ 600,546	\$ 1,210,750	\$ 928,267	\$ 5,728,500	\$ 794,497
TRAVEL AND VEHICLES						
Gasoline	\$ 545	\$ 0	\$ 545	\$ 946	\$ 12,000	\$ 599
Staff and Board Travel	21,821	9,106	30,927	38,754	698,900	34,547
Vehicle Maintenance	191	100	291	1,680	13,000	1,080
Total Travel and Vehicles	\$ 22,557	\$ 9,206	\$ 31,763	\$ 41,381	\$ 723,900	\$ 36,226
COMMUNICATIONS						
Courier Services	\$ 1,464	\$ 957	\$ 2,421	\$ 3,000	\$ 27,200	\$ 2,829
Outsourced Distribution	4,921	0	4,921	17,500	105,000	1,281
Photography / Media	0	0	0	0	5,000	0
Postage	106,786	125,000	231,786	188,333	1,130,000	7,420
Printing	22,399	0	22,399	29,722	395,000	28,949
Telecommunications	5,728	19,569	25,297	28,076	341,900	22,991
Total Communications	\$ 141,298	\$ 145,526	\$ 286,824	\$ 266,631	\$ 2,004,100	\$ 63,470
UTILITIES						
Electricity	\$ 79,957	\$ 0	\$ 79,957	\$ 87,648	\$ 800,000	\$ 93,407
Natural Gas	6,365	0	6,365	6,181	120,000	8,151
Oil	0	0	0	0	18,000	0
Water	7,300	0	7,300	16,113	80,000	16,105
Total Utilities	\$ 93,622	\$ 0	\$ 93,622	\$ 109,942	\$ 1,018,000	\$ 117,663
SUPPLIES AND MATERIALS						
Equipment Supplies	\$ 54,698	\$ 20,277	\$ 74,975	\$ 85,713	\$ 593,800	\$ 89,931
Food Service Supplies	7,802	(1,577)	6,225	8,000	48,000	5,027
Office Supplies	4,028	1,352	5,380	4,950	65,000	3,770
Personal Computer Software	682	1,554	2,236	13,599	80,300	11,186
Publications/Subscriptions	4,838	508	5,346	19,736	109,600	15,110
Uniforms	3,326	2,052	5,378	5,363	36,000	6,563
Total Supplies and Materials	\$ 75,374	\$ 24,166	\$ 99,540	\$ 137,361	\$ 932,700	\$ 131,587

August Expenses vs. Budget
Page 3

	August	July	Year-to-Date	Expected Budget-to-Date	Annual Budget	Prior Year-to-Date
OTHER EXPENSES						
Board Employer Reimbursement	\$ 0	\$ 0	\$ 0	\$ 0	\$ 3,000	\$ 0
Conferences and Seminars	6,686	6,205	12,891	17,928	89,900	14,738
Dues and Licenses	1,668	4,767	6,435	6,017	161,500	5,933
Equipment Rental	0	0	0	0	0	0
Insurance	3,881	91,323	95,204	98,550	525,900	98,547
Member/Employer Education Programs	9,409	(2,608)	6,801	27,867	167,200	10,098
Miscellaneous Expense	1,476	48	1,524	2,358	25,000	1,942
Other Board Expense	284	0	284	1,772	22,400	354
Other Staff Expense	19	526	545	667	4,000	(1,651)
Training	2,844	11,105	13,949	30,346	144,000	25,765
Total Other Expenses	\$ 26,267	\$ 111,366	\$ 137,633	\$ 185,504	\$ 1,142,900	\$ 155,726
Total Operating Expenses	\$ 6,521,731	\$ 6,887,539	\$ 13,409,270	\$ 14,038,863	\$ 99,555,600	\$ 13,436,770
	August	July	Year-to-Date	Expected Budget-to-Date	Annual Budget	Prior Year-to-Date
Building Improvements	\$ 0	\$ 35,920	\$ 35,920	\$ 35,920	\$ 320,000	\$ 0
Furniture & Fixtures	0	0	0	0	0	0
Audio Visual	0	0	0	0	0	0
Information Processing	0	0	0	0	682,300	0
Maintenance	0	0	0	0	162,200	0
Miscellaneous	0	0	0	0	0	0
Office	0	0	0	0	37,500	0
Telecommunications	0	0	0	0	0	0
Vehicles	0	0	0	0	0	0
Computer Software	37,037	0	37,037	37,037	2,104,000	145,426
Total Capital Budget	\$ 37,037	\$ 35,920	\$ 72,957	\$ 72,957	\$ 3,306,000	\$ 145,426
Total State of Ohio Expenses	\$ 194	\$ 61,890	\$ 62,084	\$ 62,084	\$ 364,000	\$ 57,128

August 2017 Expense Notes

Salaries and Fringe Benefits

Educational Assistance was provided for eight associates in August.

Professional and Technical Services

The alternative investment consultant monthly fee is included in Investment Consultant. Investment Research Services includes quarterly fixed income services, Moody's database services for the year, and annual fees for real estate information access and data analytics. Legal Fees include legal document preparation charges. Retainer fees for one REIC member is included in Real Estate Contract Services.

Repairs and Maintenance

Building Maintenance and Equipment includes water valves, replacement light bulbs, a digital controller repair kit, and exterior building window cleaning charges. Annual maintenance for the Maximis investment accounting system and data mapping tools are included in Data Processing Equipment. Fire suppression system inspections are included in Safety and Security Equipment.

Communications

Annual benefit plan summary brochures are included in Postage. Printing includes the retiree newsletter.

Utilities

Electricity, Gas and Water charges are for the month of July.

Supplies and Materials

Equipment Supplies include desktop computers, replacement phones and printers. Compensation salary surveys are included in Publications/Subscriptions.

Other Expenses

Annual business travel accident coverage is included in Insurance. Meeting room charges are included in Member Education Programs. Training includes online technology courses.

Capital Budget

Capital items for August include STaRS Version 10 upgrade costs.

STATE TEACHERS RETIREMENT SYSTEM

1 of 9

Detailed Operating Expenses

For the Month Ended August 31, 2017

Account	Vendor	Amount
Salaries and Wages		
Salaries & Wages	STRS OHIO	3,852,527
	Total	3,852,527
Overtime	STRS OHIO	5,406
	Total	5,406
	Total Salaries and Wages	3,857,933
Fringe Benefits		
OPERS Employer Cost	STRS OHIO	542,142
	Total	542,142
Medical/Hospitalization Insurance	MEDICAL CLAIMS	562,500
	MISC. RECEIPTS	(5,749)
	STRS OHIO	(81,448)
	UNITED HEALTHCARE INSURANCE CO	83,283
	Total	558,586
Medicare	STRS OHIO	54,655
	Total	54,655
Dental Insurance	DELTA DENTAL	50,927
	MISC. RECEIPTS	(275)
	Total	50,652
Educational Assistance	CHRIS WINGARD	510
	COLUMBUS STATE COMMUNITY COLLEGE	1,088
	FRANKLIN UNIVERSITY	4,072
	KELLER GRADUATE SCHOOL	1,838
	OHIO DOMINICAN UNIVERSITY	1,800
	RICHARD A HARMAN	1,250
	SOUTHERN NEW HAMPSHIRE UNIVERSITY	1,920
	STRS OHIO	(100)
	THE OHIO STATE UNIVERSITY	7,500
	Total	19,878
Workers' Compensation	SHEAKLEY UNISERVICE INC	25
	STRS OHIO	8,877
	Total	8,902
Life Insurance	LINCOLN NATIONAL LIFE INSURANCE COMPANY	17,164
	Total	17,164
Disability Insurance	LINCOLN NATIONAL LIFE INSURANCE COMPANY	6,891
	Total	6,891
Wellness	MISC. RECEIPTS	(40)
	OHIOHEALTH/WORK HEALTH	460
	STRS OHIO	(2,560)
	Total	(2,140)
Unemployment Compensation	OHIO DEPT OF JOB AND FAMILY SERVICES	5,000
	Total	5,000
	Total Fringe Benefits	1,261,730

STATE TEACHERS RETIREMENT SYSTEM

2 of 9

Detailed Operating Expenses

For the Month Ended August 31, 2017

Account	Vendor	Amount
Professional and Technical Services		
Banking Expense	FIFTH THIRD BANK	9,232
	Total	9,232
Custodial Banking Fees	FIFTH THIRD BANK	20,647
	Total	20,647
Disaster Recovery	FIFTH THIRD BANK-CORP CARD	52
	FIREPROOF RECORDS CENTER	752
	FIRST FEDERAL CORPORATION	251
	Total	1,055
Employment Verification	OHIOHEALTH/WORK HEALTH	377
	SCREENPOINTE INC	393
	Total	770
Investigative Services	LEXISNEXIS RISK SOLUTIONS	453
	Total	453
Investment Consultant	CLIFFWATER LLC	20,833
	Total	20,833
Investment Research Services	BARCLAYS BANK PLC	38,830
	CLARITAS LLC	11,800
	COSTAR REALTY INFORMATION INC	158,545
	FRANK RUSSELL COMPANY	7,500
	IHS GLOBAL INC	16,004
	MOODY'S ANALYTICS INC	50,835
	OMGEO LLC	400
	S AND P DOW JONES INDICES LLC	16,500
	TRADEWEB LLC	1,500
	WILSHIRE ASSOCIATES INC	7,184
	Total	309,098
Legal Fees	BELMONT COUNTY OHIO PROBATE COURT	2
	CALFEE HALTER AND GRISWOLD LLP	877
	LUCAS COUNTY PROBATE COURT	10
	PRYOR CASHMAN LLP	924
	RICOH USA INC	5,768
	TUCKER ELLIS LLP	2,917
	Total	10,498

STATE TEACHERS RETIREMENT SYSTEM

3 of 9

Detailed Operating Expenses

For the Month Ended August 31, 2017

Account	Vendor	Amount
Medical Examinations	ALBERT J KOLIBASH JR MD	360
	CLAIRE V WOLFE MD	180
	DELANEY SMITH MD	600
	DISABILITY & IMPAIRMENT EVALUATIONS, INC	6,700
	DONALD C MANN MD INC	750
	EDWIN H SEASON MD INC	360
	EYE SURGICAL & MEDICAL CARE	850
	JAMES R. HAWKINS, M.D.	1,800
	JEFFERY C HUTZLER MD	1,360
	KIDNEY SPECIALISTS INC	250
	MARC COOPERMAN MD	360
	MARJORIE C GALLAGHER MD	1,610
	MARTIN J GOTTESMAN MD	7,083
	MEDICAL ASSESSMENTS LLC	400
	METROHEALTH PROFESSIONAL GROUP	624
	ORTHOPEDIC ONE	714
	OSU INTERNAL MEDICINE, LLC	1,750
	RICHARD H. CLARY, MD	800
	SOUTHEAST OHIO REGIONAL ORTHOPAEDIC LLC	600
	STEIMAN NEUROLOGY GROUP INC	525
SUMMIT REHAB MEDICINE INC	375	
THE CLEVELAND CLINIC FOUNDATION	1,000	
	Total	29,051
Other Consulting Services	CALFEE HALTER AND GRISWOLD LLP	5,000
	FIFTH THIRD BANK	7,261
	Total	12,261
Quotation and Analytic Service	BLOOMBERG FINANCE LP	5,625
	FRANK RUSSELL COMPANY	452
	NYSE MARKET INC	2,374
	OPTIONS PRICE REPORTING AUTHORITY LLC	396
	TSX INC	411
	Total	9,258
Real Estate Contract Services	TIMOTHY HEISE	6,981
	Total	6,981
Recruitment Fees	FIFTH THIRD BANK-CORP CARD	500
	JOHN WILEY & SONS INC	545
	Total	1,045
Temporary Employment Services	OFFICE TEAM	1,564
	Total	1,564
	Total Professional and Technical Services	432,746

STATE TEACHERS RETIREMENT SYSTEM

4 of 9

Detailed Operating Expenses

For the Month Ended August 31, 2017

Account	Vendor	Amount
Repairs and Maintenance		
Building Maintenance and Equipment	AMBIUS LLC 05	1,573
	BUCK AND SONS LANDSCAPE SERVICE INC	1,170
	COLUMBUS FASTENERS CORP	57
	CONSOLIDATED ELECT DIST	1,501
	FIFTH THIRD BANK-CORP CARD	1,384
	GLOBE WINDOW CLEANING INC	14,647
	GRAINGER INC	1,435
	HILLYARD OHIO	604
	I SUPPLY COMPANY	5,622
	JOHNSON CONTROLS INC	4,450
	JOHNSTONE SUPPLY	74
	LEGACY MAINTENANCE SERVICES LLC	6,200
	LOMBARDI WATER MANAGEMENT INC	1,924
	LOWES BUSINESS ACCOUNT	177
	MCMASTER-CARR SUPPLY COMPANY	980
	PEPCO	161
	PRAXAIR DISTRIBUTION INC	179
	R D COOK COMPANY	3,565
	SPEER MECHANICAL	5,256
	TERMINIX	390
	THE TROMBOLD EQUIPMENT COMPANY	3,794
	WESTWATER SUPPLY CO	1,384
		Total
Copiers	ABS MONEY SYSTEMS INC	320
	COMDOC, INC	144
	GORDON FLESCH CO INC	3,397
	MODERN OFFICE METHODS INC	396
	MT BUSINESS TECHNOLOGIES INC	185
	RANDY'S REPAIR AND MAINTENANCE	1,750
		Total
Data Processing Equipment	ARROW GLOBAL ASSET DISPOSITION INC	1,007
	BLOOMBERG FINANCE LP	1,000
	CDW GOVERNMENT INC	21,347
	DIGICERT INC	480
	DIVERSATEC RESOURCES INC	1,979
	FIFTH THIRD BANK-CORP CARD	357
	INFORMATICA	47,636
	IOVATION INC	3,440
	MISC. RECEIPTS	(5)
	MNJ TECHNOLOGIES DIRECT INC	5,100
	PEAK-RYZEX INC	7,203
	SS&C TECHNOLOGIES INC	423,500
	VIRTUAL HOLD TECHNOLOGY LLC	11,792
XEROX CORPORATION	4,641	
	Total	529,477
Property Tax and Leases	HOLLINGSWORTH CAPITAL PARTNERS COLS LLC	9,056
	Total	9,056

STATE TEACHERS RETIREMENT SYSTEM

5 of 9

Detailed Operating Expenses

For the Month Ended August 31, 2017

Account	Vendor	Amount
Safety & Security Equipment	ELECTRONIC SECURITY SERVICES INC	95
	HARD FIRE SUPPRESSION SYSTEMS	5,062
	KOORSEN FIRE AND SECURITY INC	875
	PHYSIO-CONTROL INC	1,074
	SIGNATURE CONTROL SYSTEMS LLC	177
	Total	7,283
Trash Removal	MISC. RECEIPTS	(197)
	REPUBLIC SERVICES #046	304
	WASTE MANAGEMENT INC	1,562
	Total	1,669
	Total Repairs and Maintenance	610,204
Travel and Vehicles		
Gasoline	FIFTH THIRD BANK-CORP CARD	545
	Total	545
Staff and Board Travel	AMERICAN EXPRESS COMPANY	7,783
	BONNIE E WILD	56
	BRIAN R ENGSTROM	645
	COLLIERS INTERNATIONAL HOLDINGS INC	19
	CRAIG C BROOKS	205
	DALE L PRICE	235
	DRURY INN & SUITES	575
	ERIC NEWBERG	23
	GARRETT WOFFORD	134
	GRANT EDWARDS	670
	HOLIDAY INN	139
	IRENE T BLACK	67
	JAMES MCGREEVY	214
	JASON A SAUER	131
	JASON J TINCHER	988
	JASON W BAKER	33
	JEFFREY A GILDER	6
	JOHN A BUCH	375
	KALYAN SIKDAR	479
	KARRIE L HARTLEY	359
	KELLEY S MCCHRISTY	171
	KENNETH H BLANKE	503
	LANNY D WELLY	491
	LEA STURGELL	750
	MARCY H YEAMANS	1,031
MARK D SCRANTON	9	
MARK HILL	693	
MICHAEL A TAYLOR	777	
MICHAEL J NEHF	29	
MICHELE HILLEARY	540	
NATIONAL EDUCATION ASSOCIATION	72	
NICOLE M HOKE	650	
REBECCA L RYAN	223	

STATE TEACHERS RETIREMENT SYSTEM

6 of 9

Detailed Operating Expenses

For the Month Ended August 31, 2017

Account	Vendor	Amount
	ROBERT JORDAN	436
	ROBERT W STEIN	205
	SCOTT PEARSON	74
	SHARA D BAILEY	63
	STANTON WEST	1,020
	STEPHEN M REYNARD	454
	STEVEN J LUETTGEN	102
	YOEL MAYERFELD	392
	Total	21,821
Vehicle Maintenance	GOODYEAR AUTO SERVICE CENTER	21
	TEAM LUBRICATION INC	170
	Total	191
	Total Travel and Vehicles	22,557
Communications		
Courier Services	RAINBOW EXPRESS INC	863
	UNITED PARCEL SERVICE	601
	Total	1,464
Outsourced Distribution	BAESMAN GROUP INC	1,965
	THE OLD TRAIL PRINTING CO INC	2,956
	Total	4,921
Postage	FIFTH THIRD BANK-CORP CARD	15
	LORTON DATA INC.	246
	MAIL SORT LTD	5,000
	RESERVE ACCOUNT	100,000
	THE OLD TRAIL PRINTING CO INC	1,425
	W C NATIONAL MAILING CORPORATION	100
	Total	106,786
Printing	BAESMAN GROUP INC	3,940
	CAPITOL SQUARE PRINTING	551
	THE OLD TRAIL PRINTING CO INC	12,649
	WESTERN STATES ENVELOPE & LABEL	5,259
	Total	22,399
Telecommunications	AT&T	140
	FRONTIER	86
	JOSHUA JOHNSTON	65
	SCOTT W HAMMOND	149
	T-MOBILE	37
	TIME WARNER CABLE	344
	VERIZON WIRELESS	3,418
	WEST UNIFIED COMMUNICATIONS SERVICES INC	82
	XO COMMUNICATIONS SERVICES, LLC	1,407
	Total	5,728
	Total Communications	141,298

STATE TEACHERS RETIREMENT SYSTEM

7 of 9

Detailed Operating Expenses

For the Month Ended August 31, 2017

Account	Vendor	Amount
Utilities		
Electricity	AMERICAN ELECTRIC POWER	28,728
	CITY OF WESTERVILLE	6,044
	CONEDISON SOLUTIONS	45,185
	Total	79,957
Natural Gas	COLUMBIA GAS OF OHIO	1,901
	CONSTELLATION ENERGY SVCS - NATURAL GAS	4,464
	Total	6,365
Water	COLUMBUS CITY TREASURER	7,300
	Total	7,300
	Total Utilities	93,622
Supplies and Materials		
Equipment Supplies	APPLE COMPUTER, INC.	1,247
	AVI FOOD SYSTEMS INC	20
	CDW GOVERNMENT INC	2,982
	CINTAS CORPORATION	105
	FIFTH THIRD BANK-CORP CARD	1,461
	GORDON FLESCH CO INC	170
	GORDON FOOD SERVICE	5,104
	IT SAVVY	11,526
	KINZUA ENVIRONMENTAL INC	454
	LOWES BUSINESS ACCOUNT	101
	MAINLINE COMPUTER PRODUCTS	4,817
	METROLINEDIRECT.COM	3,124
	MNJ TECHNOLOGIES DIRECT INC	19,969
	PAIGE COMPANY INC	1,035
	PM PROFESSIONAL SERVICES	353
	QUALITY POOLS	342
	SAM'S CLUB	186
	SPIRAL BINDING COMPANY INC	39
	THE MILLCRAFT PAPER COMPANY	988
	VERITIV OPERATING COMPANY	675
	Total	54,698
Food Service Supplies	AVI FOOD SYSTEMS INC	2,197
	COCA-COLA BOTTLING CO CONSOLIDATED	678
	FIFTH THIRD BANK-CORP CARD	644
	FIRSTCHOICE	76
	GOLD MEDAL - COLUMBUS INC	106
	GORDON FOOD SERVICE	18,520
	KROGER-COLUMBUS CUSTOMER CHARGES	311
	MISC. RECEIPTS	(8,505)
	SAM'S CLUB	336
	SAMMY'S NEW YORK BAGELS	59
	SCHNEIDER'S BAKERY INC	210
	STRS OHIO	(7,678)
	TREASURER STATE OF OHIO	848
	Total	7,802

STATE TEACHERS RETIREMENT SYSTEM

8 of 9

Detailed Operating Expenses

For the Month Ended August 31, 2017

Account	Vendor	Amount
Office Supplies	BLICK ART MATERIALS	344
	CAPITOL OFFICE SUPPLY	108
	INDEPENDENT STATIONERS INC	1,539
	LASER SUBSTRATES INC	169
	LUDLOW SALES & SERVICE	70
	NEOPOST USA INC	304
	OFFICE DEPOT INC	207
	STAPLES BUSINESS ADVANTAGE	1,287
	Total	4,028
Personal Computer Software	DELL MARKETING LP	666
	FIFTH THIRD BANK-CORP CARD	16
	Total	682
Publications/Subscriptions	ANDREW VICEN	195
	DIRECTV	185
	FIFTH THIRD BANK-CORP CARD	293
	MERCER	3,835
	RELX INC DBA LEXISNEXIS	313
	THE REPOSITORY	17
	Total	4,838
Uniforms	CASKEY CLEANERS	215
	CINTAS CORPORATION	2,389
	ECONOMY	188
	UNIFIRST CORPORATION	534
	Total	3,326
	Total Supplies and Materials	75,374
Other Expenses		
Conferences and Seminars	ACCESS INTELLIGENCE LLC	460
	ASIS INTERNATIONAL	770
	FIFTH THIRD BANK-CORP CARD	250
	HUMAN RESOURCES ASSOCIATION	25
	MARK A REED	295
	PMI CENTRAL OHIO CHAPTER	1,791
	PUBLIC PENSION FINANCIAL FORUM	400
	REBECCA L RYAN	995
	RISK MANAGEMENT ASSOCIATION	1,600
	STANTON WEST	100
	Total	6,686
Dues and Licenses	CARI PAUGH	25
	CASSANDRA REESE	150
	CENTRAL OHIO QUALITY ASSURANCE ASSOCIATN	(125)
	CFA SOCIETY OF COLUMBUS	225
	COLUMBUS BAR ASSOCIATION	80

STATE TEACHERS RETIREMENT SYSTEM

9 of 9

Detailed Operating Expenses

For the Month Ended August 31, 2017

Account	Vendor	Amount
	FIFTH THIRD BANK-CORP CARD	99
	OHIOHEALTH/WORK HEALTH	359
	PUBLIC RELATIONS SOCIETY OF AMERICA	310
	SUPREME COURT OF OHIO	350
	TODD JACOBSON	195
	Total	1,668
Insurance	BEECHER CARLSON INSURANCE SERVICES LLC	3,881
	Total	3,881
Member Education Programs	COURTYARD MARRIOTT	769
	DEFIANCE COLLEGE	272
	EMBASSY SUITES	5,047
	EMPLOYER WORKSHOP REVENUE	(400)
	FASTSIGNS	12
	HOLIDAY INN	2,840
	LAFAYETTE HOTEL	293
	STILLWAGON ENTERPRISES	576
	Total	9,409
Miscellaneous	CAPITOL SQUARE REVIEW & ADVISORY BOARD	200
	FIFTH THIRD BANK-CORP CARD	649
	FIREPROOF RECORDS CENTER	402
	INFOSTORE LLC	31
	MISCELLANEOUS EXPENSE	85
	OHIO SECRETARY OF STATE'S OFFICE	10
	TL SAVAGE INC	99
	Total	1,476
Other Board Expense	MISCELLANEOUS EXPENSE	284
	Total	284
Other Staff Expense	CATHI A BAUMGARDNER	105
	FIFTH THIRD BANK-CORP CARD	39
	GREGORY J RUESS	80
	HEATHER SHARPE	75
	JENNIFER MONTENARO	201
	LINDA I BAUER	144
	MISCELLANEOUS EXPENSE	175
	STRS OHIO	(800)
	Total	19
Training	BMC SOFTWARE INC	1,923
	INTERNATIONAL INSTITUTE FOR LEARNING	315
	JAY W ALSPAUGH	49
	MASTERY CLOUD SERVICES	48
	TEK DOG INC	509
	Total	2,844
	Total Other Expenses	26,267
Total Operating Expenses		6,521,731
State of Ohio Expenses	TREASURER STATE OF OHIO	194
	Total State of Ohio Expenses	194