



February Financial Reporting & Expenses

Succeeding this cover page are the STRS Ohio financial reports & expenses for the period ending Feb. 29, 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, 2016 through February 28, 2017

	Defined Benefit Plans	Defined Contribution	Postemployment Healthcare	Totals
Additions:				
Contributions:				
Member	944,157,550	59,255,834		\$1,003,413,383
Employer	995,353,731	25,395,357		\$1,020,749,088
Transfers from Defined Contribution Plan	6,037,660	(6,037,660)		
Medicare D reimbursement			21,189,454	21,189,454
Benefit recipient healthcare premiums			225,758,049	225,758,049
Other retirement systems	17,110,307			17,110,307
Total contributions	<u>1,962,659,247</u>	<u>78,613,531</u>	<u>246,947,503</u>	<u>2,288,220,281</u>
Net investment income (loss)	<u>5,917,264,919</u>	<u>102,735,081</u>	<u>295,000,000</u>	<u>6,315,000,000</u>
Total additions	<u>\$7,879,924,166</u>	<u>\$181,348,612</u>	<u>\$541,947,503</u>	<u>\$8,603,220,281</u>
Deductions:				
Service retirement	4,410,332,101			4,410,332,101
Disability retirement	140,653,193			140,653,193
Survivor benefits	82,434,291			82,434,291
Health care			416,135,013	416,135,013
Other	21,909,630			21,909,630
Total benefit payments	<u>4,655,329,215</u>		<u>416,135,013</u>	<u>5,071,464,228</u>
Refunds to members who have withdrawn	132,872,471	26,777,154		159,649,625
Administrative expenses	64,674,703		1,822,780	66,497,483
Total deductions	<u>\$4,852,876,389</u>	<u>\$26,777,154</u>	<u>\$417,957,793</u>	<u>\$5,297,611,336</u>
Net increase (decrease)	<u>\$3,027,047,777</u>	<u>\$154,571,458</u>	<u>\$123,989,710</u>	<u>\$3,305,608,945</u>
Net position held in trust for pension and postemployment healthcare benefits				
Beginning of year	<u>66,250,103,186</u>	<u>1,033,304,998</u>	<u>3,185,627,931</u>	<u>70,469,036,115</u>
End of period	<u>\$69,277,150,963</u>	<u>\$1,187,876,456</u>	<u>\$3,309,617,641</u>	<u>\$73,774,645,060</u>

STATE TEACHERS RETIREMENT SYSTEM
 Actual Expenses vs. Budget
 For the Month and Fiscal Year-to-Date Ended February 28, 2017

	February	January	Year-to-Date	Expected Budget-to-Date	Annual Budget	Prior Year-to-Date
Salaries and Wages	\$ 3,760,716	\$ 5,169,707	\$ 41,229,875	\$ 41,393,765	\$ 58,312,300	\$ 41,500,999
Fringe Benefits	1,255,101	1,467,083	11,189,504	11,213,792	16,615,200	10,985,413
Professional and Technical Services	606,298	1,440,680	6,485,653	6,617,616	10,278,600	6,149,511
Repairs and Maintenance	808,640	270,712	3,537,443	3,452,551	5,751,000	3,380,042
Travel and Vehicles	45,620	28,305	362,640	405,461	702,500	383,923
Communications	136,624	172,975	1,367,630	1,352,476	2,074,700	1,205,920
Utilities	80,755	87,957	653,692	569,648	980,000	616,171
Supplies and Materials	71,911	95,640	639,526	641,644	937,100	631,456
Other Expenses	45,103	38,615	859,249	995,887	1,229,100	888,683
Total Operating Expenses	\$ 6,810,768	\$ 8,771,674	\$ 66,325,212	\$ 66,642,838	\$ 96,880,500	\$ 65,742,118
Capital Budget	\$ 789,381	\$ 32,198	\$ 1,230,574	\$ 1,230,574	\$ 3,250,100	\$ 1,442,023
State of Ohio Expenses	\$ 0	\$ 57,155	\$ 172,271	\$ 172,271	\$ 364,000	\$ 166,146

Staffing Information:	February	January	December
Budgeted FTE Associates	556	556	556
Full Time Equivalent Associates	533	530	529
Open FTE Positions	8	8	6

Mr. Stein moved, seconded by Ms. Correthers, that the report be accepted and the expenditures for the month ending February 28, 2017 in the total amount of \$7,600,149 be approved.

STATE TEACHERS RETIREMENT SYSTEM
 Actual Expenses vs. Budget
 For the Month and Fiscal Year-to-Date Ended February 28, 2017

	February	January	Year-to-Date	Expected Budget-to-Date	Annual Budget	Prior Year-to-Date
SALARIES AND WAGES						
Salaries and Wages	\$ 3,742,256	\$ 3,720,039	\$ 32,027,102	\$ 31,760,446	\$ 48,574,800	\$ 31,489,820
Other Compensation	2,079	1,397	29,163	23,772	33,600	23,155
Incentive Compensation	0	0	7,372,751	7,800,000	7,800,000	8,194,411
Unused Vacation and Sick Leave	323	1,440,388	1,697,402	1,697,402	1,737,200	1,686,430
Overtime	10,958	5,808	55,797	64,485	90,500	61,433
Service Awards	5,100	2,075	47,660	47,660	76,200	45,750
Total Salaries and Wages	<u>\$ 3,760,716</u>	<u>\$ 5,169,707</u>	<u>\$ 41,229,875</u>	<u>\$ 41,393,765</u>	<u>\$ 58,312,300</u>	<u>\$ 41,500,999</u>
FRINGE BENEFITS						
OPERS Employer Cost	\$ 530,674	\$ 666,625	\$ 5,181,140	\$ 5,334,484	\$ 7,804,600	\$ 5,170,327
Medical/Hospitalization Insurance	592,287	630,575	4,654,109	4,500,000	6,750,000	4,445,498
Medicare	53,364	73,797	590,212	560,935	857,900	592,029
Dental Insurance	49,429	50,573	405,663	410,056	618,000	403,828
Educational Assistance	5,610	11,506	77,185	108,511	140,000	94,262
Workers' Compensation	8,987	11,191	101,405	96,442	147,500	111,149
Life Insurance	16,746	16,672	134,149	132,146	198,000	131,589
Disability Insurance	6,796	6,775	54,590	56,218	84,200	54,523
Wellness	(11,907)	(2,390)	(18,427)	0	0	(18,445)
Unemployment Compensation	3,115	1,759	9,478	15,000	15,000	653
Total Fringe Benefits	<u>\$ 1,255,101</u>	<u>\$ 1,467,083</u>	<u>\$ 11,189,504</u>	<u>\$ 11,213,792</u>	<u>\$ 16,615,200</u>	<u>\$ 10,985,413</u>
PROFESSIONAL AND TECHNICAL SERVICES						
Actuary	\$ 62,952	\$ 76,422	\$ 276,106	\$ 276,106	\$ 300,000	\$ 72,386
Audit	37,878	0	118,659	128,985	275,000	143,008
Banking Expense	14,190	15,991	134,298	194,804	281,500	198,104
Board Election Processing	0	0	0	0	130,000	0
Contract Services	26,956	100,435	165,272	207,147	367,500	210,851
Custodial Banking Fees	31,691	312,283	1,112,154	875,000	2,100,000	1,440,279
Data Management and Analytics	33,375	0	64,628	82,500	165,000	33,375
Disaster Recovery	862	1,343	7,685	8,429	14,500	7,625
Employment Verification	783	0	2,559	2,160	5,000	2,523
Health Care Consultant	12,500	0	45,800	119,500	239,000	12,500
Insurance Consultant	0	15,000	45,000	44,483	90,500	43,500
Investigative Services	566	1,346	5,128	3,564	16,200	4,304
Investment Consultant	20,833	129,858	363,882	406,131	765,000	362,488
Investment Research Services	245,154	286,348	2,099,279	2,038,469	2,450,000	1,629,710
Legal Fees	22,794	13,361	159,099	215,166	240,000	145,465
Medical Examinations	16,159	27,611	202,004	300,933	474,000	243,207
Other Consulting Services	56,839	8,532	336,238	317,543	477,100	307,299
Quotation and Analytic Services	21,719	424,444	1,274,260	1,347,750	1,797,000	1,236,369
Real Estate Contract Services	0	17,051	23,884	25,000	50,000	28,246
Recruitment Fees	550	8,115	21,643	10,612	21,300	16,778
Temporary Employment Services	497	2,540	28,075	13,333	20,000	11,494
Total Professional/Technical Services	<u>\$ 606,298</u>	<u>\$ 1,440,680</u>	<u>\$ 6,485,653</u>	<u>\$ 6,617,616</u>	<u>\$ 10,278,600</u>	<u>\$ 6,149,511</u>

February Expenses vs. Budget
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	February	January	Year-to-Date	Expected Budget-to-Date	Annual Budget	Prior Year-to-Date
REPAIRS AND MAINTENANCE						
Building Maintenance and Equipment	\$ 64,242	\$ 58,518	\$ 532,631	\$ 488,116	\$ 709,000	\$ 491,573
Copiers	10,957	7,774	72,705	73,373	130,000	66,133
Data Processing Equipment	655,244	114,410	2,595,335	2,504,796	4,169,400	2,438,275
Elevators	0	0	4,247	1,846	100,000	1,611
Mail Center Equipment	0	261	5,592	9,674	20,600	9,767
Property Tax and Leases	20,174	85,599	226,817	227,705	375,000	218,166
Safety and Security Equipment	57,066	2,579	82,533	137,021	230,000	143,847
Trash Removal	957	1,571	17,583	10,019	17,000	10,670
Total Repairs and Maintenance	\$ 808,640	\$ 270,712	\$ 3,537,443	\$ 3,452,551	\$ 5,751,000	\$ 3,380,042
TRAVEL AND VEHICLES						
Gasoline	\$ 489	\$ 199	\$ 4,704	\$ 8,157	\$ 13,500	\$ 4,514
Staff and Board Travel	45,131	26,452	353,264	391,127	676,000	373,504
Vehicle Maintenance	0	1,654	4,672	6,177	13,000	5,905
Total Travel and Vehicles	\$ 45,620	\$ 28,305	\$ 362,640	\$ 405,461	\$ 702,500	\$ 383,923
COMMUNICATIONS						
Courier Services	\$ 1,623	\$ 6,285	\$ 17,249	\$ 18,150	\$ 27,200	\$ 15,614
Outsourced Distribution	2,271	1,843	72,683	118,200	150,000	67,717
Photography / Media	0	0	0	0	5,500	0
Postage	109,673	116,336	867,821	667,828	1,080,000	683,312
Printing	18,920	6,641	248,624	330,489	470,000	258,694
Telecommunications	4,137	41,870	161,253	217,809	342,000	180,583
Total Communications	\$ 136,624	\$ 172,975	\$ 1,367,630	\$ 1,352,476	\$ 2,074,700	\$ 1,205,920
UTILITIES						
Electricity	\$ 47,185	\$ 66,295	\$ 517,671	\$ 457,506	\$ 770,000	\$ 497,089
Natural Gas	30,085	18,251	85,774	59,797	120,000	56,550
Oil	0	0	0	0	18,000	0
Water	3,485	3,411	50,247	52,345	72,000	62,532
Total Utilities	\$ 80,755	\$ 87,957	\$ 653,692	\$ 569,648	\$ 980,000	\$ 616,171
SUPPLIES AND MATERIALS						
Equipment Supplies	\$ 42,250	\$ 79,895	\$ 458,045	\$ 435,030	\$ 597,400	\$ 420,992
Food Service Supplies	458	5,531	34,192	33,000	49,500	44,425
Office Supplies	7,376	2,172	30,494	42,207	67,200	44,351
Personal Computer Software	13,313	1,957	43,355	59,735	80,300	56,012
Publications/Subscriptions	5,647	2,565	43,665	50,356	104,700	42,065
Uniforms	2,867	3,520	29,775	21,315	38,000	23,611
Total Supplies and Materials	\$ 71,911	\$ 95,640	\$ 639,526	\$ 641,644	\$ 937,100	\$ 631,456

February Expenses vs. Budget
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	February	January	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	2,895	3,071	35,866	63,349	89,600	53,876
Dues and Licenses	19,935	13,133	108,445	95,972	162,000	94,066
Equipment Rental	0	0	0	0	0	379
Insurance	0	0	525,883	594,500	594,500	535,623
Member/Employer Education Programs	12,210	4,272	96,463	122,267	183,400	95,424
Miscellaneous Expense	3,292	2,044	13,433	13,952	26,400	12,513
Other Board Expense	948	0	2,538	2,187	3,800	2,131
Other Staff Expense	1,736	(530)	7,883	14,333	21,500	11,047
Training	4,087	16,625	68,738	89,327	144,900	83,624
Total Other Expenses	\$ 45,103	\$ 38,615	\$ 859,249	\$ 995,887	\$ 1,229,100	\$ 888,683
Total Operating Expenses	\$ 6,810,768	\$ 8,771,674	\$ 66,325,212	\$ 66,642,838	\$ 96,880,500	\$ 65,742,118
Capital Budget						
	February	January	Year-to-Date	Expected Budget-to-Date	Annual Budget	Prior Year-to-Date
Building Improvements	\$ 88,813	\$ 24,198	\$ 141,228	\$ 141,228	\$ 397,000	\$ 9,363
Furniture & Fixtures	0	0	0	0	0	0
Audio Visual	0	0	0	0	0	0
Information Processing	265,382	0	428,292	428,292	708,000	314,632
Maintenance	0	0	0	0	240,000	71,582
Miscellaneous	0	0	0	0	0	0
Office	0	0	6,375	6,375	52,500	40,280
Telecommunications	0	0	0	0	0	0
Vehicles	0	0	0	0	0	0
Computer Software	435,186	8,000	654,679	654,679	1,852,600	1,006,166
Total Capital Budget	\$ 789,381	\$ 32,198	\$ 1,230,574	\$ 1,230,574	\$ 3,250,100	\$ 1,442,023
Total State of Ohio Expenses	\$ 0	\$ 57,155	\$ 172,271	\$ 172,271	\$ 364,000	\$ 166,146

February 2017 Expense Notes

General Comments

Actual fiscal year-to-date operating expenses total \$66.3 million, approximately \$300,000 lower than expected.

Salaries and Fringe Benefits

Educational Assistance was provided for five associates in February. The credit balance in Wellness includes reimbursement from UHC.

Professional and Technical Services

Experience review and health care valuation fees are included in Actuary. Audit includes a final billing for the annual financial statement audit and annual pre-implementation health care audit costs. Contract Services includes an IT change order for STaRS and annual network monitoring services. Three months of global custody fees are outstanding in Custodial Banking Fees. Retiree health care information services are included in Data Management and Analytics. Quarterly retainer fees are included in Health Care Consultant. One month of alternative investment consultant services are included in Investment Consultant. Investment Research includes quarterly fixed income services, annual fees for credit ratings and quarterly trade management system fees. Legal Fees include counsel on the mitigating rate litigation. Other Consulting Services include fees paid to the board retreat facilitator, annual Risk Institute membership and payment for member research.

Repairs and Maintenance

Building Maintenance and Equipment includes a roof inspection. Data Processing Equipment includes maintenance and support for the storage area network, STaRS and business intelligence report writer. Annual fire alarm maintenance is included in Safety and Security Equipment.

Travel and Vehicles

Staff and Board Travel included international due diligence trips to China and India.

Communications

Included in Postage are tax form mailings and costs associated with replenishing the postage meters. Printing includes the defined contribution annual report.

Utilities

Electricity, Natural Gas and Water are for January usage.

Supplies and Materials

Equipment Supplies include remote tokens, work stations and carbon monoxide gas detectors. Personal Computer Software includes remote access phone software. Annual *New York Times* subscriptions are included in Publications/Subscriptions.

Other Expenses

Registration fees for the Ohio Institutional Investor Forum are included in Conferences and Seminars. Coalition to Preserve Retirement Security annual membership fees are included in Dues and Licenses.

Capital Budget

Capital items for February include storage area network hardware and software, HVAC air compressor, lighting controls and upgrades, cabinets, and STaRS Version 10 upgrade costs.

STATE TEACHERS RETIREMENT SYSTEM
Detailed Operating Expenses
For the Month Ended February 28, 2017

Account	Vendor	Amount
Salaries and Wages		
Salaries & Wages	STRS OHIO	3,749,758
	Total	3,749,758
Overtime	STRS OHIO	10,958
	Total	10,958
	Total Salaries and Wages	3,760,716
Fringe Benefits		
OPERS Employer Cost	STRS OHIO	530,674
	Total	530,674
Medical/Hospitalization Insurance	MEDICAL CLAIMS	600,000
	MISC. RECEIPTS	(5,828)
	STRS OHIO	(82,936)
	UNITED HEALTHCARE INSURANCE CO	81,051
	Total	592,287
Medicare	STRS OHIO	53,364
	Total	53,364
Dental Insurance	DELTA DENTAL	49,703
	MISC. RECEIPTS	(274)
	Total	49,429
Educational Assistance	AMERICAN PUBLIC UNIVERSITY	810
	SOUTHERN NEW HAMPSHIRE UNIVERSITY	4,800
	Total	5,610
Workers' Compensation	STRS OHIO	8,987
	Total	8,987
Life Insurance	LINCOLN NATIONAL LIFE INSURANCE COMPANY	16,746
	Total	16,746
Disability Insurance	LINCOLN NATIONAL LIFE INSURANCE COMPANY	6,796
	Total	6,796
Wellness	MISC. RECEIPTS	(10,073)
	MISCELLANEOUS EXPENSE	556
	OHIOHEALTH/WORK HEALTH	160
	STRS OHIO	(2,550)
	Total	(11,907)
Unemployment Compensation	OHIO DEPT OF JOB AND FAMILY SERVICES	3,115
	Total	3,115
	Total Fringe Benefits	1,255,101

STATE TEACHERS RETIREMENT SYSTEM
Detailed Operating Expenses
For the Month Ended February 28, 2017

Account	Vendor	Amount
Professional and Technical Services		
Actuary	SEGAL COMPANY	62,952
	Total	62,952
Audit	CLAIM TECHNOLOGIES INC	8,000
	CLIFTONLARSONALLEN LLP	29,300
	TREASURER STATE OF OHIO	578
	Total	37,878
Banking Expense	FIFTH THIRD BANK	14,190
	Total	14,190
Contract Services	ACCENTURE LLP	742
	SECUREWORKS INC	10,430
	VITECH SYSTEMS GROUP INC	15,784
	Total	26,956
Custodial Banking Fees	FIFTH THIRD BANK	31,691
	Total	31,691
Data Management and Analytics	OPTUMHEALTH	33,375
	Total	33,375
Disaster Recovery	FIFTH THIRD BANK-CORP CARD	50
	FIREPROOF RECORDS CENTER	812
	Total	862
Employment Verification	OHIOHEALTH/WORK HEALTH	547
	SCREENPOINTE INC	236
	Total	783
Health Care Consultants	OPTUMHEALTH	12,500
	Total	12,500
Investigative Services	FIFTH THIRD BANK-CORP CARD	2
	LEXISNEXIS RISK SOLUTIONS	564
	Total	566
Investment Consultant	CLIFFWATER LLC	20,833
	Total	20,833
Investment Research Services	APPLIED GLOBAL MACRO RESEARCH LLC	10,000
	BARCLAYS BANK PLC	75,325
	FRANK RUSSELL COMPANY	7,500
	ITG PLATFORMS INC	32,756
	MOODY'S ANALYTICS INC	23,575
	NATIONAL ASSOC OF STATE INVEST OFFICERS	1,250
	OMGEO LLC	600
	S AND P GLOBAL MARKET INTELLIGENCE	79,672
	STATE STREET CORPORATION	6,000
	TRADEWEB LLC	1,500
	WILSHIRE ASSOCIATES INC	6,976
	Total	245,154

STATE TEACHERS RETIREMENT SYSTEM
Detailed Operating Expenses
For the Month Ended February 28, 2017

Account	Vendor	Amount
Legal Fees	CALFEE HALTER AND GRISWOLD LLP	4,625
	PRYOR CASHMAN LLP	702
	STANDLEY LAW GROUP LLP	70
	TUCKER ELLIS LLP	17,397
	Total	22,794
Medical Examinations	DISABILITY & IMPAIRMENT EVALUATIONS, INC	1,600
	DONALD C MANN MD INC	650
	EYE SURGICAL & MEDICAL CARE	350
	HAGOP S MEKHJIAN MD	7,083
	JAMES N ALLEN, MD	360
	JAMES R. HAWKINS, M.D.	1,200
	JENNIFER ROSENBERG MD	2,300
	JON KRONBERG MD	500
	MEDICAL EVALUATORS LLC	950
	MISC. RECEIPTS	(790)
	PHYSICAL MEDICINE AND PAIN CONSULTANTS	800
	STEPHEN D HEIS MD & ASSOCIATES	475
	STEPHEN F PARISER, MD	180
	THE CLEVELAND CLINIC FOUNDATION	501
	Total	16,159
Other Consulting Services	DRURY INN & SUITES	327
	ED GAYDOS	8,087
	SAPERSTEIN ASSOCIATES INC	24,925
	THE BERKSHIRE COMPANY	3,500
	THE OHIO STATE UNIVERSITY	20,000
	Total	56,839
Quotation and Analytic Service	BLOOMBERG FINANCE LP	17,679
	FRANK RUSSELL COMPANY	840
	NYSE MARKET INC	2,424
	OPTIONS PRICE REPORTING AUTHORITY LLC	366
	TSX INC	410
	Total	21,719
Recruitment Fees	YOURMEMBERSHIP.COM INC	550
	Total	550
Temporary Employment Services	OFFICE TEAM	497
	Total	497
	Total Professional and Technical Services	606,298
Repairs and Maintenance		
Building Maintenance and Equipment	AMBIUS LLC 05	1,573
	ATLAS INDUSTRIAL CONTRACTORS LTD	2,641
	COLUMBUS FASTENERS CORP	73
	DUNRITE PROFESSIONAL WALLCOVERING	1,760
	ES ARCHITECTURE AND DEVELOPMENT	9,000
	FIFTH THIRD BANK-CORP CARD	1,022
	GLOBE WINDOW CLEANING INC	3,289
	GRAINGER INC	1,634
	GRAYBAR	367
	HOME SOURCE INTERIORS INC	2,445
	I SUPPLY COMPANY	4,621
	JOHNSON CONTROLS INC	1,560
	LEGACY MAINTENANCE SERVICES LLC	18,600
	LIEBERT CORPORATION	439
	LOEB ELECTRIC CO	2,030
	LOMBARDI WATER MANAGEMENT INC	725
	LOWES BUSINESS ACCOUNT	327
	LUDLOW SALES & SERVICE	279
	MCMMASTER-CARR SUPPLY COMPANY	169

STATE TEACHERS RETIREMENT SYSTEM
Detailed Operating Expenses
For the Month Ended February 28, 2017

Account	Vendor	Amount
	MIAMI FILTER INC	211
	OHIO CAT	985
	OHIO POWER TOOL INC	199
	PIPE-VALVES INC	108
	PM SERVICES	1,210
	PRAXAIR DISTRIBUTION INC	232
	SCOTSMAN MID-OHIO	2,201
	SHOEMAKER INDUSTRIAL SOLUTIONS	1,983
	SPEER MECHANICAL	2,420
	TERMINIX	376
	TRI-STATE VALVE & INSTRUMENT INC	755
	WESTWATER SUPPLY CO	1,008
	Total	64,242
Copiers	COMDOC, INC	27
	GORDON FLESCH CO INC	10,394
	MODERN OFFICE METHODS INC	325
	MT BUSINESS TECHNOLOGIES INC	211
	Total	10,957
Data Processing Equipment	APEXSQL LLC	375
	ARROW GLOBAL ASSET DISPOSITION INC	580
	AVAYA INC	1,641
	BA INSIGHT INC	12,900
	CALLCOPY INC. DBA UPTIVITY	14,252
	CDW GOVERNMENT INC	2,625
	FIFTH THIRD BANK-CORP CARD	184
	IBM CORPORATION	179,979
	IOVATION INC	3,704
	OPEN TEXT INC	11,736
	PCM SALES INC	3,650
	SAP PUBLIC SERVICES INC	14,588
	VITECH SYSTEMS GROUP INC	404,915
	XEROX CORPORATION	4,115
	Total	655,244
Property Tax and Leases	HOLLINGSWORTH CAPITAL PARTNERS COLS LLC	9,056
	OTR: 44 MONTGOMERY STREET	11,118
	Total	20,174
Safety & Security Equipment	CAMTRONICS COMMUNICATION COMPANY	3,827
	ELECTRONIC SECURITY SERVICES INC	323
	FIFTH THIRD BANK-CORP CARD	67
	HARD FIRE SUPPRESION SYSTEMS	5,062
	KOORSEN FIRE AND SECURITY INC	1,375
	SIGNATURE CONTROL SYSTEMS LLC	653
	SIMPLEX GRINNELL	44,871
	STEWART'S SECURITY SERVICE	564
	THOMAS DOOR CONTROLS INC	324
	Total	57,066
Trash Removal	MISC. RECEIPTS	(132)
	REPUBLIC SERVICES #046	141
	WASTE MANAGEMENT INC	948
	Total	957
	Total Repairs and Maintenance	808,640
Travel and Vehicles		
Gasoline	FIFTH THIRD BANK-CORP CARD	489
	Total	489
Staff and Board Travel	AARON BLACK	548
	ALAN J WARNER	198
	AMERICAN EXPRESS COMPANY	26,534

STATE TEACHERS RETIREMENT SYSTEM
Detailed Operating Expenses
For the Month Ended February 28, 2017

Account	Vendor	Amount
	ANTHONY WEBB	428
	BONNIE E WILD	504
	BRIAN D'AMICO	11
	BRIAN R ENGSTROM	263
	CAROL L CORRETHEERS	148
	CRAIG C BROOKS	155
	DALE L PRICE	622
	DRURY INN & SUITES	1,199
	ENTERPRISE RENT A CAR CINCINNATI LLC	184
	ERIC NEWBERG	978
	EVELIO ROSARIO III	771
	GARRETT WOFFORD	20
	GRANT EDWARDS	582
	JAMES MCGREEVY	64
	JASON A SAUER	58
	JASON T JARVIS	166
	JASON W BAKER	879
	JOHN A BUCH	477
	JOSHUA JOHNSTON	677
	JULIA A VISKANTA	390
	KEN C CHEE	959
	KENNETH H BLANKE	298
	KIMBERLY R MOORE	986
	LANNY D WELLY	646
	LERA STURGELL	734
	MARCY H YEAMANS	95
	MARK A REED	61
	MARK A RUBECK	482
	MICHAEL J NEHF	116
	NIK TAN	649
	RAJ K MENON	278
	REGINA K FOUST	85
	ROBERT JORDAN	577
	ROBERT W STEIN	389
	RYAN M NICHOLSON	1,253
	SCOTT PEARSON	44
	STEPHEN M REYNARD	415
	STEPHEN W EHLERS	121
	STEVEN J LUETTGEN	203
	TAMLA D COLE	55
	TODD JACOBSON	15
	UBS SECURITIES LLC	202
	WILLIAM A SHURMAN	370
	WOLFE RESEARCH LLC	11
	YOEL MAYERFELD	231
	Total	45,131
	Total Travel and Vehicles	45,620
Communications		
Courier Services	FEDEX	64
	JAMES MILLER	18
	RAINBOW EXPRESS INC	669
	UNITED PARCEL SERVICE	859
	WESTERN MESSENGER SERVICE INC	13
	Total	1,623
Outsourced Distribution	BAESMAN GROUP INC	1,512
	WEST CAMP PRESS INC	759
	Total	2,271
Postage	FIFTH THIRD BANK-CORP CARD	15
	LORTON DATA INC.	255
	MAIL SORT LTD	5,000
	MISC. RECEIPTS	(34)

STATE TEACHERS RETIREMENT SYSTEM
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Account	Vendor	Amount
	PRESORT AMERICA LTD	4,241
	RESERVE ACCOUNT	100,000
	W C NATIONAL MAILING CORPORATION	75
	WEST CAMP PRESS INC	121
	Total	109,673
Printing	BAESMAN GROUP INC	3,825
	CAPITOL SQUARE PRINTING	114
	THE OLD TRAIL PRINTING CO INC	1,604
	VERITIV OPERATING COMPANY	1,666
	WEST CAMP PRESS INC	11,711
	Total	18,920
Telecommunications	AT&T	155
	FRONTIER	84
	JASON W BAKER	44
	SCOTT W HAMMOND	73
	TIME WARNER CABLE	256
	VERIZON WIRELESS	3,430
	WEST UNIFIED COMMUNICATIONS SERVICES INC	95
	Total	4,137
	Total Communications	136,624
Utilities		
Electricity	AMERICAN ELECTRIC POWER	22,789
	CITY OF WESTERVILLE	2,431
	CONEDISON SOLUTIONS	21,965
	Total	47,185
Natural Gas	COLUMBIA GAS OF OHIO	6,855
	CONSTELLATION ENERGY SVCS - NATURAL GAS	23,230
	Total	30,085
Water	COLUMBUS CITY TREASURER	3,485
	Total	3,485
	Total Utilities	80,755
Supplies and Materials		
Equipment Supplies	ACTION SUPPLY PRODUCTS INC	250
	B & H PHOTO VIDEO	19
	CDW GOVERNMENT INC	17,665
	CINTAS CORPORATION	763
	FASTSIGNS	105
	FIFTH THIRD BANK-CORP CARD	950
	GORDON FOOD SERVICE	2,531
	GRAYBAR	1,300
	HARD FIRE SUPPRESION SYSTEMS	5,195
	HILLYARD OHIO	316
	IT SAVVY	5,297
	METROLINEDIRECT.COM	2,824
	MISC. RECEIPTS	(674)
	MISC. RECEIPTS PRIOR MONTH ADJUSTMENT	1,084
	MNJ TECHNOLOGIES DIRECT INC	1,856
	OHIO INDUSTRIAL FILTER PRODUCTS	105
	PM PROFESSIONAL SERVICES	521
	SAM'S CLUB	159
	THE MILLCRAFT PAPER COMPANY	548
	VALLEY GRINDING	40
	VERITIV OPERATING COMPANY	1,396
	Total	42,250
Food Service Supplies	AVI FOOD SYSTEMS INC	1,363
	COCA COLA CO OF OH/KY	1,484

STATE TEACHERS RETIREMENT SYSTEM
Detailed Operating Expenses
For the Month Ended February 28, 2017

Account	Vendor	Amount
	DNO INC	810
	FIFTH THIRD BANK-CORP CARD	687
	FIRSTCHOICE	106
	GORDON FOOD SERVICE	9,845
	KROGER-COLUMBUS CUSTOMER CHARGES	71
	MISC. RECEIPTS	(6,607)
	MISCELLANEOUS EXPENSE	(1,610)
	READY REFRESH	50
	SAM'S CLUB	51
	SAMMY'S NEW YORK BAGELS	23
	SCHNEIDER'S BAKERY INC	396
	STRS OHIO	(7,127)
	TREASURER STATE OF OHIO	916
	Total	458
Office Supplies	BATTERIES PLUS	30
	BLUE BOX CORRUGATED INC	227
	CAPITOL OFFICE SUPPLY	25
	CENTRAL OHIO COPIER SUPPLY	2,659
	INDEPENDENT STATIONERS INC	1,804
	MISC. RECEIPTS	(70)
	OFFICE DEPOT INC	115
	STAPLES BUSINESS ADVANTAGE	2,586
	Total	7,376
Personal Computer Software	CONVERGE ONE INC	12,635
	DELL MARKETING LP	402
	FIFTH THIRD BANK-CORP CARD	276
	Total	13,313
Publications/Subscriptions	ALM - REAL ESTATE MEDIA GROUP	129
	AUTOMOTIVE NEWS	159
	CRAIN COMMUNICATIONS INC	197
	DIRECTV	183
	FIFTH THIRD BANK-CORP CARD	211
	MIDWEST REAL ESTATE NEWS	29
	NATIONAL REAL ESTATE INVESTOR	129
	PROGRESSIVE BUSINESS PUBLICATIONS	299
	RAJ K MENON	119
	RELX INC DBA LEXISNEXIS	313
	STEVEN P EASTWOOD	188
	THE HIGH-TECH STRATEGIST	140
	THE NEW YORK TIMES	3,537
	THE REPOSITORY	14
	Total	5,647
Uniforms	CINTAS CORPORATION	1,832
	ECONOMY	48
	GORDON FOOD SERVICE	391
	UNIFIRST CORPORATION	596
	Total	2,867
	Total Supplies and Materials	71,911

STATE TEACHERS RETIREMENT SYSTEM
Detailed Operating Expenses
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Account	Vendor	Amount
Other Expenses		
Conferences and Seminars	CHRISTINA M JACKSON	20
	FIFTH THIRD BANK-CORP CARD	803
	HUMAN RESOURCES ASSOCIATION	140
	JAMIE LI	51
	KATHY BOETTCHER	253
	MATTHEW KUKLA	51
	OHIO SOCIETY OF CPAS	25
	PMI SOUTHWEST OHIO CHAPTER	795
	SECUREWORKS INC	595
	TODD JACOBSON	162
	Total	2,895
Dues and Licenses		
	ANGELA MAY	60
	ASSOC OF CERTIFIED FRAUD EXAMINERS	175
	ASSOCIATION FOR FACILITIES ENGINEERS	597
	COALITION TO PRESERVE RET SECURITY	15,000
	COLUMBUS CITY TREASURER	719
	FIFTH THIRD BANK-CORP CARD	150
	I-NET INTERACTIVE, LLC	299
	INTERNATIONAL INSTITUTE OF BUS ANALYSIS	110
	MARLA E BUMP	25
	MRI USERS GROUP INC	250
	NATIONAL PENSION EDUCATION ASSOCIATION	600
	OHIO ETHICS COMMISSION	60
	OHIO SECURITY TRADERS ASSOCIATION	450
	PROJECT MANAGEMENT INSTITUTE	154
	ROXANNE PUCKETT	46
	SUCHIT ARORA	95
	THE REAL ESTATE BOARD OF NEW YORK, INC	925
	URBAN LAND INSTITUTE	220
	Total	19,935
Member Education Programs		
	COURTYARD MARRIOTT	990
	DOUBLETREE HOTEL	1,840
	EMPLOYER WORKSHOP REGISTRATION REVENUE	(800)
	HOLIDAY INN	3,724
	MISCELLANEOUS EXPENSE	6
	SHERATON SUITES AKRON/CUYAHOGA FALLS	4,800
	THE MANDALAY	1,050
	UNDOS CATERING	600
	Total	12,210
Miscellaneous		
	COLUMBUS CITY TREASURER	1,920
	FIFTH THIRD BANK-CORP CARD	502
	FIREPROOF RECORDS CENTER	562
	INFOSTORE LLC	31
	MAPLE LEE FLOWERS	226
	TL SAVAGE INC	51
	Total	3,292
Other Board Expense		
	FIFTH THIRD BANK-CORP CARD	36
	MISCELLANEOUS EXPENSE	734
	THREE LITTLE PIGS LTD	178
	Total	948
Other Staff Expense		
	CAROLYN CORDRAY	21
	DONATO'S PIZZERIA LLC	54
	DORENE M BROWNING	95
	ELIZABETH C DUDLEY	100
	HALO BRANDED SOLUTIONS INC	1,082
	MISCELLANEOUS EXPENSE	324
	PATRICIA S BENSON	249
	REBECCA J BROOKS	149
	ROCHELLE L DELBENE	22

STATE TEACHERS RETIREMENT SYSTEM
Detailed Operating Expenses
For the Month Ended February 28, 2017

Account	Vendor	Amount
	STRS OHIO	(799)
	SUZAN J WALTERS	225
	TREASURER STATE OF OHIO	214
	Total	1,736
Training	AMERICAN SOCIETY FOR QUALITY INC	1,198
	EXITCERTIFIED CORP	1,300
	FRED PRYOR SEMINARS	199
	SPEARMC CONSULTING	1,390
	Total	4,087
	Total Other Expenses	45,103
	Total Operating Expenses	6,810,768