



July Financial Reporting & Expenses

Succeeding this cover page are the STRS Ohio financial reports & expenses for the period ending July 31, 2019. 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, 2019 through July 31, 2019

	Defined Benefit Plans	Defined Contribution	Postemployment Healthcare	Totals
Additions:				
Contributions:				
Member	131,089,611	8,633,535		\$139,723,146
Employer	138,176,037	3,700,087		\$141,876,124
Transfers from Defined Contribution Plan	6,793,453	(6,793,453)		
Government reimbursements				
Benefit recipient healthcare premiums			25,483,598	25,483,598
Other retirement systems	4,799,356			4,799,356
Total contributions	<u>280,858,457</u>	<u>5,540,169</u>	<u>25,483,598</u>	<u>311,882,224</u>
Net investment income (loss)	<u>283,731,047</u>	<u>14,268,953</u>	<u>10,000,000</u>	<u>308,000,000</u>
Total additions	\$564,589,504	\$19,809,122	\$35,483,598	\$619,882,224
Deductions:				
Service retirement	556,150,865			556,150,865
Disability retirement	16,563,995			16,563,995
Survivor benefits	10,531,180			10,531,180
Health care			45,454,976	45,454,976
Other	3,367,431			3,367,431
Total benefit payments	<u>586,613,471</u>		<u>45,454,976</u>	<u>632,068,447</u>
Refunds to members who have withdrawn	22,226,639	6,095,402		28,322,041
Administrative expenses	6,700,860		214,612	6,915,472
Total deductions	<u>\$615,540,970</u>	<u>\$6,095,402</u>	<u>\$45,669,588</u>	<u>\$667,305,960</u>
Net increase (decrease)	(\$50,951,466)	\$13,713,720	(\$10,185,990)	(\$47,423,736)
Net position held in trust for pension and postemployment healthcare benefits				
Beginning of year	<u>74,202,682,566</u>	<u>1,630,014,875</u>	<u>3,870,091,257</u>	<u>79,702,788,698</u>
End of period	<u>\$74,151,731,100</u>	<u>\$1,643,728,595</u>	<u>\$3,859,905,267</u>	<u>\$79,655,364,962</u>

STATE TEACHERS RETIREMENT SYSTEM
 Actual Expenses vs. Budget
 For the Month and Fiscal Year-to-Date Ended July 31, 2019

	July	June	Year-to-Date	Expected Budget-to-Date	Annual Budget	Prior Year-to-Date
Compensation	\$ 4,066,261	\$ 3,916,846	\$ 4,066,261	\$ 4,056,189	\$ 63,432,100	\$ 3,936,086
Fringe Benefits	1,356,334	1,569,327	1,356,334	1,360,453	18,134,800	1,207,484
Professional and Technical Services	894,993	1,254,027	894,993	889,736	11,166,500	296,602
Repairs and Maintenance	285,037	1,095,842	285,037	496,732	5,874,900	227,665
Travel and Vehicles	10,814	106,291	10,814	12,172	705,500	10,779
Communications	43,939	291,081	43,939	170,852	2,018,200	153,630
Utilities	43,853	111,460	43,853	72,277	1,018,000	7,818
Supplies and Materials	36,114	87,360	36,114	35,585	899,800	33,069
Other Expenses	121,867	36,309	121,867	124,047	1,160,700	100,972
Total Operating Expenses	\$ 6,859,212	\$ 8,468,543	\$ 6,859,212	\$ 7,218,043	\$ 104,410,500	\$ 5,974,105
Capital Budget	\$ 0	\$ 378,999	\$ 0	\$ 0	\$ 4,930,900	\$ 4,696
State of Ohio Expenses	\$ 56,260	\$ 15,291	\$ 56,260	\$ 56,260	\$ 363,500	\$ 0
Capital Budget Carryover: Fiscal 2019	\$ 0	\$ 34,259	\$ 0	\$ 0	\$ 1,855,979	\$ 144,021

Staffing Information:	July	June	May
Budgeted FTE Associates	535	538	538
Full Time Equivalent Associates	517	516	519
Open FTE Positions	16	9	10

Ms. Hayden moved, seconded by Ms. Walters, that the report be accepted and the expenditures for the month ending July 31, 2019 in the total amount of \$6,915,472 be approved.

STATE TEACHERS RETIREMENT SYSTEM

Actual Expenses vs. Budget
For the Month and Fiscal Year-to-Date Ended July 31, 2019

	July	June	Year-to-Date	Expected Budget-to-Date	Annual Budget	Prior Year-to-Date
COMPENSATION						
Salary and Wages	\$ 3,982,495	\$ 3,854,618	\$ 3,982,495	\$ 3,976,192	\$ 51,690,500	\$ 3,923,538
Other Compensation	4,101	1,459	4,101	668	23,100	681
Incentive Compensation	0	0	0	0	9,400,000	0
Unused Vacation and Sick Leave	68,568	51,029	68,568	68,568	2,088,700	1,614
Overtime	7,897	6,065	7,897	7,561	94,500	8,453
Service Awards	3,200	3,675	3,200	3,200	135,300	1,800
Total Compensation	\$ 4,066,261	\$ 3,916,846	\$ 4,066,261	\$ 4,056,189	\$ 63,432,100	\$ 3,936,086
FRINGE BENEFITS						
OPERS Employer Cost	\$ 565,034	\$ 548,934	\$ 565,034	\$ 558,267	\$ 8,320,600	\$ 557,309
Medical/Hospitalization Insurance	646,044	876,726	646,044	645,833	7,750,000	593,978
Medicare	57,932	55,986	57,932	71,762	932,900	55,961
Dental Insurance	48,635	48,676	48,635	47,826	566,000	49,902
Educational Assistance	2,426	2,543	2,426	2,361	110,000	2,159
Workers' Compensation	7,688	7,833	7,688	8,462	110,000	(77,143)
Life Insurance	23,218	22,620	23,218	18,299	235,000	19,853
Disability Insurance	8,212	8,122	8,212	7,644	95,300	8,005
Wellness	(2,855)	(2,113)	(2,855)	0	0	(2,540)
Unemployment Compensation	0	0	0	0	15,000	0
Total Fringe Benefits	\$ 1,356,334	\$ 1,569,327	\$ 1,356,334	\$ 1,360,453	\$ 18,134,800	\$ 1,207,484
PROFESSIONAL AND TECHNICAL SERVICES						
Actuary	\$ 0	\$ 16,739	\$ 0	\$ 0	\$ 255,000	\$ 0
Audit	0	35,534	0	0	207,500	0
Banking Expense	0	2,333	0	405	75,000	144
Board Election Processing	0	0	0	0	72,000	0
Contract Services	2,000	46,975	2,000	5,374	462,700	4,000
Custodial Banking Fees	0	429,363	0	10,000	2,250,000	337
Data Management and Analytics	0	(4,285)	0	0	140,000	0
Disaster Recovery	0	2,155	0	0	69,400	0
Employment Verification	65	1,734	65	24	5,500	40
Health Care Consultant	0	48,466	0	0	112,000	0
Insurance Consultant	15,000	10,000	15,000	15,484	90,000	16,000
Investigative Services	0	1,178	0	0	15,900	0
Investment Consultant	0	155,654	0	0	720,000	0
Investment Research Services	367,496	108,004	367,496	243,842	2,950,000	216,907
Legal Fees	370	38,631	370	108	285,000	20
Medical Examinations	15,800	36,114	15,800	12,936	350,000	11,266
Other Consulting Services	0	192,000	0	1,430	529,400	1,702
Quotation and Analytic Services	484,584	106,717	484,584	593,400	2,373,600	44,520
Real Estate Contract Services	0	16,000	0	0	55,000	0
Recruitment Fees	7,065	3,118	7,065	5,067	128,500	1,298
Temporary Employment Services	2,613	7,597	2,613	1,667	20,000	368
Total Professional/Technical Services	\$ 894,993	\$ 1,254,027	\$ 894,993	\$ 889,736	\$ 11,166,500	\$ 296,602

July Expenses vs. Budget
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	July	June	Year-to-Date	Expected Budget-to-Date	Annual Budget	Prior Year-to-Date
REPAIRS AND MAINTENANCE						
Building Maintenance and Equipment	\$ 50,216	\$ 114,131	\$ 50,216	\$ 49,265	\$ 720,000	\$ 48,863
Copiers	5,629	7,353	5,629	6,358	100,000	5,815
Data Processing Equipment	218,723	923,021	218,723	371,650	4,459,800	100,716
Elevators	0	274	0	0	90,000	0
Mail Center Equipment	95	2,761	95	0	21,500	0
Property Tax and Leases	9,056	9,056	9,056	9,062	270,100	9,056
Safety and Security Equipment	0	35,854	0	59,688	188,500	62,403
Trash Removal	1,318	3,392	1,318	708	25,000	812
Total Repairs and Maintenance	\$ 285,037	\$ 1,095,842	\$ 285,037	\$ 496,732	\$ 5,874,900	\$ 227,665
TRAVEL AND VEHICLES						
Gasoline	\$ 0	\$ 729	\$ 0	\$ 0	\$ 7,600	\$ 0
Staff and Board Travel	10,814	103,683	10,814	10,672	686,900	9,492
Vehicle Maintenance	0	1,879	0	1,500	11,000	1,287
Total Travel and Vehicles	\$ 10,814	\$ 106,291	\$ 10,814	\$ 12,172	\$ 705,500	\$ 10,779
COMMUNICATIONS						
Courier Services	\$ 1,071	\$ 2,465	\$ 1,071	\$ 1,166	\$ 25,200	\$ 1,043
Outsourced Distribution	2,723	9,086	2,723	10,083	121,000	2,815
Photography / Media	0	0	0	0	5,000	0
Postage	1,072	180,247	1,072	105,030	1,160,000	102,193
Printing	17,500	69,574	17,500	32,431	397,000	25,566
Telecommunications	21,573	29,709	21,573	22,142	310,000	22,013
Total Communications	\$ 43,939	\$ 291,081	\$ 43,939	\$ 170,852	\$ 2,018,200	\$ 153,630
UTILITIES						
Electricity	\$ 41,052	\$ 102,386	\$ 41,052	\$ 66,667	\$ 800,000	\$ 0
Natural Gas	2,801	9,074	2,801	5,610	120,000	7,818
Oil	0	0	0	0	18,000	0
Water	0	0	0	0	80,000	0
Total Utilities	\$ 43,853	\$ 111,460	\$ 43,853	\$ 72,277	\$ 1,018,000	\$ 7,818
SUPPLIES AND MATERIALS						
Equipment Supplies	\$ 27,604	\$ 43,505	\$ 27,604	\$ 25,774	\$ 592,700	\$ 26,872
Food Service Supplies	4,293	11,239	4,293	4,500	54,000	1,014
Office Supplies	921	3,555	921	2,180	52,000	2,173
Personal Computer Software	0	10,182	0	0	61,000	0
Publications/Subscriptions	722	15,081	722	696	100,100	592
Uniforms	2,574	3,798	2,574	2,435	40,000	2,418
Total Supplies and Materials	\$ 36,114	\$ 87,360	\$ 36,114	\$ 35,585	\$ 899,800	\$ 33,069

July Expenses vs. Budget
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	July	June	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	4,240	10,395	4,240	1,847	100,400	1,464
Dues and Licenses	3,552	13,326	3,552	1,332	162,600	1,088
Equipment Rental	0	0	0	0	0	0
Insurance	109,029	0	109,029	106,465	584,000	99,179
Member/Employer Education Programs	2,529	5,172	2,529	11,675	140,100	(1,213)
Miscellaneous Expense	262	3,171	262	44	21,200	51
Other Board Expense	0	345	0	0	3,800	0
Other Staff Expense	645	740	645	1,908	22,900	(361)
Training	1,610	3,160	1,610	775	122,700	764
Total Other Expenses	\$ 121,867	\$ 36,309	\$ 121,867	\$ 124,047	\$ 1,160,700	\$ 100,972
Total Operating Expenses	\$ 6,859,212	\$ 8,468,543	\$ 6,859,212	\$ 7,218,043	\$ 104,410,500	\$ 5,974,105
	July	June	Year-to-Date	Expected Budget-to-Date	Annual Budget	Prior Year-to-Date
Building Improvements	\$ 0	\$ 4,006	\$ 0	\$ 0	\$ 3,226,500	\$ 4,696
Furniture & Fixtures	0	0	0	0	0	0
Audio Visual	0	0	0	0	0	0
Information Processing	0	146,244	0	0	744,000	0
Maintenance	0	41,007	0	0	327,400	0
Miscellaneous	0	0	0	0	0	0
Office	0	6,326	0	0	45,500	0
Telecommunications	0	0	0	0	0	0
Vehicles	0	0	0	0	28,500	0
Computer Software	0	181,416	0	0	559,000	0
Total Capital Budget	\$ 0	\$ 378,999	\$ 0	\$ 0	\$ 4,930,900	\$ 4,696
Total State of Ohio Expenses	\$ 56,260	\$ 15,291	\$ 56,260	\$ 56,260	\$ 363,500	\$ 0
Capital Budget Carryover:						
Fiscal 2019	\$ 0	\$ 34,259	\$ 0	\$ 0	\$ 1,855,979	\$ 144,021

July 2019 Expense Notes

General Comments

July is the first month of the new fiscal year. July expenses are typically lower than June based on keeping the June period open longer to pay fiscal year-end invoices. The new fiscal year has a total operating budget of \$104.4 million with a budgeted headcount of 535 full-time equivalent associates.

Salaries and Fringe Benefits

Unused Vacation and Sick Leave includes payment to one retiring associate.

Professional and Technical Services

A quarterly retainer was paid to the Insurance Consultant. Investment Research Services includes annual fees for risk analysis, data analytics, and credit analysis and quarterly fundamental research services. Quotation and Analytic Services include quarterly Bloomberg charges. Recruitment Fees includes relocation costs for a new associate. Temporary Employment Services includes real estate administrative services in the New York office and member benefits support.

Repairs and Maintenance

Building Maintenance and Equipment includes quarterly building automation system maintenance. Data Processing Equipment includes quarterly STaRS maintenance and annual maintenance for telecommunications equipment.

Utilities

Electricity is for June usage.

Supplies and Materials

Equipment Supplies include replacement monitors, printers and toner.

Other Expenses

Registration fees for a technology conference are included in Conferences and Seminars. Attorney membership dues are included in Dues and Licenses. Commercial automobile coverage and property and casualty premiums are included in Insurance.

State of Ohio Expenses

Quarterly fees were paid to the Ohio Retirement Study Council.

STATE TEACHERS RETIREMENT SYSTEM

Detailed Operating Expenses
For the Month Ended July 31, 2019

<u>ACCOUNT</u>	<u>VENDOR</u>	<u>AMOUNT</u>
Salaries and Wages		
Salaries & Wages	STRS OHIO	4,058,364
		Total 4,058,364
Overtime	STRS OHIO	7,897
		Total 7,897
	Total Salaries and Wages	4,066,261
Fringe Benefits		
OPERS Employer Cost	STRS OHIO	565,034
		Total 565,034
Medical/Hospitalization Insurance	ANDREA L GARNER	200
	ANDREW VICEN	200
	BRENDA L TRITTSCHUH	400
	BRET BORDER	400
	CAROL N CLARK	400
	CASSANDRA REESE	400
	DAN J ROBERTS	400
	DEVON W MAESTRI	400
	DORENE M BROWNING	200
	ERIN RITTER	200
	JAMES A PETERMAN	200
	JAMES H RITTER	400
	JAY W ALSPAUGH	400
	JEFFREY L LIESER	400
	JENNIFER L PEERY	400
	JOHN D MORROW	400
	JULIA A VISKANTA	400
	KASEY HORAN	200
	KATHY BOETTCHER	200
	KATHY K HOFFMANNBECK	200
	KEIRRA KARSHNER	400
	KEN C CHEE	400
	KEVIN D DEVRIES	400
	LEO M WILHELM	400
	LINDA M HORNE	400
	LOURDES R DUDANEY	400
	MABEL CHOW BROWN	400
	MARIN SOEUNG	400
	MARK MAXWELL	400
	MATTHEW E WORLEY	400
	MEDICAL CLAIMS	645,000
	MEI ZHANG	400
	MICHAEL A TAYLOR	400
	MICHAEL C BOBER	400
	MICHAEL MILLER	400
	MICHAEL SCHANTZ	400
	MISC. RECEIPTS	(2,407)
	NATHAN DRAKE	200
	NEAL J HUSTON	400
	PAUL M SNYDER	200
	RICHARD A HARMAN JR	400
	RICHARD E FISCHBACH	400
	RONALD J MCKILLIP	200
	RYAN W COLLINS	400
	SHELBY OSBORNE	400
	STACEY WIDEMAN	200
	STRS OHIO	(90,007)
	SUSAN D YOUNG	400

STATE TEACHERS RETIREMENT SYSTEM

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Detailed Operating Expenses
For the Month Ended July 31, 2019

<u>ACCOUNT</u>	<u>VENDOR</u>	<u>AMOUNT</u>
	TAMLA D COLE	200
	TERENCE M HERBST	400
	THOMAS C CHAEL	400
	THOMAS S COUNTS	400
	UNITED HEALTHCARE INSURANCE CO	74,658
	VENKATA D KANTAMNENI	400
	VINAY CHERUKUPALLY	400
	WILLIAM A SHURMAN	400
	YI ZHANG	200
	YING SHI	400
	Total	646,044
Medicare	STRS OHIO	57,932
	Total	57,932
Dental Insurance	DELTA DENTAL	48,989
	MISC. RECEIPTS	(354)
	Total	48,635
Educational Assistance	BOWLING GREEN STATE UNIVERSITY	1,136
	FRANKLIN UNIVERSITY	1,430
	STRS OHIO	(140)
	Total	2,426
Workers' Compensation	STRS OHIO	7,688
	Total	7,688
Life Insurance	LINCOLN NATIONAL LIFE INSURANCE COMPANY	23,218
	Total	23,218
Disability Insurance	LINCOLN NATIONAL LIFE INSURANCE COMPANY	8,212
	Total	8,212
Wellness	MISC. RECEIPTS	(365)
	STRS OHIO	(2,490)
	Total	(2,855)
	Total Fringe Benefits	1,356,334
Professional and Technical Services		
Contract Services	INCONTACT INC	2,000
	Total	2,000
Employment Verification	SCREENPOINTE INC	65
	Total	65
Insurance Consultant	ALPHA RISK MANAGEMENT INC	15,000
	Total	15,000
Investment Research Services	APPLIED GLOBAL MACRO RESEARCH LLC	10,000
	ARBOR RESEARCH & TRADING LLC	3,750
	CREDITNTELL	23,500
	MOODY'S ANALYTICS INC	110,006
	NORTHFIELD INFORMATION SERVICES INC	55,000
	REFINITIV US LLC	101,633
	TRADEWEB LLC	1,600
	TRANS NATIONAL RESEARCH CORPORATION	29,250
	VIRTU ITG PLATFORMS LLC	32,757
	Total	367,496

STATE TEACHERS RETIREMENT SYSTEM

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Detailed Operating Expenses
For the Month Ended July 31, 2019

<u>ACCOUNT</u>	<u>VENDOR</u>	<u>AMOUNT</u>
Legal Fees	PRYOR CASHMAN LLP	370
	Total	370
Medical Examinations	ALBERT J KOLIBASH JR MD	640
	CLAIRE V WOLFE MD	280
	DISABILITY & IMPAIRMENT EVALUATIONS, INC	2,000
	DONALD C MANN MD INC	850
	EYE SURGICAL & MEDICAL CARE	350
	JAMES N ALLEN, MD	460
	JAMES R. HAWKINS, M.D.	600
	JEFFERY C HUTZLER MD	460
	MARTIN J GOTTESMAN MD	7,515
	MEDICAL ASSESSMENTS LLC	450
	OSU INTERNAL MEDICINE, LLC	310
	RONALD L WHISLER MD	280
	STEIMAN NEUROLOGY GROUP INC	1,425
	STEPHEN F PARISER, MD	180
	Total	15,800
Quotation and Analytic Service	BLOOMBERG FINANCE LP	484,079
	OPTIONS PRICE REPORTING AUTHORITY LLC	505
	Total	484,584
Recruitment Fees	EMPLOYTEST LLC	427
	INDEED INC	3,000
	MAYFLOWER TRANSIT LLC	3,158
	YOURMEMBERSHIP.COM INC	480
	Total	7,065
Temporary Employment Services	DAWSON RESOURCES	2,194
	OFFICE TEAM	419
	Total	2,613
	Total Professional and Technical Services	894,993
Repairs and Maintenance		
Building Maintenance and Equipment	AMBIUS LLC 05	1,573
	AMERICAN ELECTRIC MOTOR SERVICE INC	211
	BUCK AND SONS LANDSCAPE SERVICE INC	1,179
	CONSOLIDATED ELECT DIST	25
	CONTRACT SWEEPERS & EQUIPMENT INC	1,900
	FIBERCARE	4,415
	GRAINGER INC	497
	I SUPPLY COMPANY	4,078
	JOHNSON CONTROLS INC	28,827
	KEY BLUE PRINTS INC	182
	LOMBARDI WATER MANAGEMENT INC	1,759
	MH EQUIPMENT COMPANY	103
	OHIO CAT	630
	PANIC LIGHTING	48
	PEPCO	242
	PRAXAIR DISTRIBUTION INC	91
	PROTEGIS FIRE AND SAFETY	278
	SPEER MECHANICAL	2,998
	TREASURER STATE OF OHIO	213
	VERTIV CORPORATION	686
	WESTWATER SUPPLY CO	281
	Total	50,216

STATE TEACHERS RETIREMENT SYSTEM

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Detailed Operating Expenses
For the Month Ended July 31, 2019

<u>ACCOUNT</u>	<u>VENDOR</u>	<u>AMOUNT</u>
Copiers	CANON FINANCIAL SERVICES INC	3,804
	MT BUSINESS TECHNOLOGIES INC	75
	RANDY'S REPAIR AND MAINTENANCE	1,750
	Total	5,629
Data Processing Equipment	AVAYA INC	95,728
	BLOOMBERG FINANCE LP	5,910
	LOGMEIN USA INC	1,896
	MNJ TECHNOLOGIES DIRECT INC	396
	RAPIDMINER INC	14,000
	VITECH SYSTEMS GROUP INC	98,794
	XEROX CORPORATION	1,999
Total	218,723	
Mail Center Equipment	ABS MONEY SYSTEMS INC	95
	Total	95
Property Tax and Leases	HOLLINGSWORTH CAPITAL PARTNERS COLS LLC	9,056
	Total	9,056
Trash Removal	REPUBLIC SERVICES #046	235
	WASTE MANAGEMENT INC	1,083
	Total	1,318
	Total Repairs and Maintenance	285,037
Travel and Vehicles		
Staff and Board Travel	ANTHONY WEBB	703
	ARES MANAGEMENT LLC	(502)
	EVELIO ROSARIO III	887
	GRANT EDWARDS	1,462
	JACOB R CLARK	173
	JAMIE LI	30
	KEITH O HANSON	532
	KENNETH H BLANKE	786
	LERA STURGELL	668
	MARCY H YEAMANS	800
	MARK A RUBECK	1,375
	MATTHEW J VULANICH	815
	MELIUS RESERACH LLC	298
	MICHAEL MILLER	171
	MICHAEL R RILEY	582
	NIK TAN	679
	STEVE JANOWIAK	568
TAMLA D COLE	23	
TODD JACOBSON	764	
Total	10,814	
	Total Travel and Vehicles	10,814
Communications		
Courier Services	RAINBOW EXPRESS INC	577
	UNITED PARCEL SERVICE	494
	Total	1,071
Outsourced Distribution	THE OLD TRAIL PRINTING CO INC	2,723
	Total	2,723
Postage	MISC. RECEIPTS	(70)
	THE OLD TRAIL PRINTING CO INC	1,142
	Total	1,072

STATE TEACHERS RETIREMENT SYSTEM

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Detailed Operating Expenses
For the Month Ended July 31, 2019

<u>ACCOUNT</u>	<u>VENDOR</u>	<u>AMOUNT</u>
Printing	CAPITOL SQUARE PRINTING	2,442
	THE OLD TRAIL PRINTING CO INC	15,058
	Total	17,500
Telecommunications	AT&T	101
	T-MOBILE	37
	TIME WARNER CABLE	247
	WOW BUSINESS	1,780
	XO COMMUNICATIONS	19,408
	Total	21,573
	Total Communications	43,939
Utilities		
Electricity	AMERICAN ELECTRIC POWER	41,052
	Total	41,052
Natural Gas	COLUMBIA GAS OF OHIO	2,801
	Total	2,801
	Total Utilities	43,853
Supplies and Materials		
Equipment Supplies	ACTION SUPPLY PRODUCTS INC	253
	APPLE COMPUTER, INC.	179
	B & H PHOTO VIDEO	699
	BROWN SUPPLY CO	1,017
	CDW GOVERNMENT INC	197
	CINTAS CORPORATION	465
	DISCOUNT SCHOOL SUPPLY	603
	GORDON FLESCH CO INC	883
	GORDON FOOD SERVICE	2,018
	HIPPO CORPORATION	154
	I SUPPLY COMPANY	1,011
	IT SAVVY	9,599
	JODI L WELLS	17
	MNJ TECHNOLOGIES DIRECT INC	5,613
	PM PROFESSIONAL SERVICES	182
	QUALITY POOLS	492
	STATE INDUSTRIAL PRODUCTS	120
	THE MILLCRAFT PAPER COMPANY	1,077
VERITIV OPERATING COMPANY	3,025	
Total	27,604	
Food Service Supplies	AVI FOOD SYSTEMS INC	1,507
	COCA-COLA BOTTLING CO CONSOLIDATED	693
	FIRSTCHOICE	106
	GORDON FOOD SERVICE	17,455
	MISC. RECEIPTS	(6,839)
	READY REFRESH	26
	SCHNEIDER'S BAKERY INC	144
	STRS OHIO	(8,799)
Total	4,293	
Office Supplies	BLUE BOX CORRUGATED INC	217
	CAPITOL OFFICE SUPPLY	233
	GRAINGER INC	24
	INDEPENDENT STATIONERS INC	447
Total	921	
Publications/Subscriptions	BUSINESS FIRST	95
	CRAIN COMMUNICATIONS INC	350

STATE TEACHERS RETIREMENT SYSTEM

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Detailed Operating Expenses
For the Month Ended July 31, 2019

<u>ACCOUNT</u>	<u>VENDOR</u>	<u>AMOUNT</u>
	DIRECTV	180
	HRDIRECT	97
	Total	722
Uniforms	CINTAS CORPORATION	2,016
	ECONOMY	99
	UNIFIRST CORPORATION	459
	Total	2,574
	Total Supplies and Materials	36,114
Other Expenses		
Conferences and Seminars	DOG FOOD CONFERENCE CORP	2,880
	HUMAN RESOURCES ASSOCIATION-CENTRAL OH	50
	KEVIN D DEVRIES	425
	PUBLIC PENSION FINANCIAL FORUM	525
	REBECCA L RYAN	75
	TODD JACOBSON	285
	Total	4,240
Dues and Licenses	AMERICAN INST OF CERT PUBLIC ACCOUNTANTS	285
	ARMA INTERNATIONAL	195
	ASSOCIATION FOR FACILITIES ENGINEERS	198
	COLUMBUS CITY TREASURER	150
	HEALTH ACTION COUNCIL OHIO	500
	INTERNATIONAL COUNCIL OF SHOPPING CTRS	50
	INTERNATIONAL PUBLIC MANAGMENT ASSOC-HR	109
	JASON A SAUER	100
	KEVIN D DEVRIES	100
	SUPREME COURT OF OHIO	1,750
	TODD JACOBSON	115
	Total	3,552
Insurance	BEECHER CARLSON INSURANCE SERVICES LLC	109,029
	Total	109,029
Member Education Programs	EMBASSY SUITES	3,904
	EMPLOYER EDUCATION REVENUE	(1,375)
	Total	2,529
Miscellaneous	CAPITOL SQUARE REVIEW & ADVISORY BOARD	200
	OHIO SECRETARY OF STATE'S OFFICE	5
	THOMAS S COUNTS	5
	TL SAVAGE INC	52
	Total	262
Other Staff Expense	MATTHEW C HOLMAN	198
	MISCELLANEOUS EXPENSE	594
	STRS OHIO	(802)
	THE OHIO STATE UNIVERSITY	655
	Total	645
Training	MASTERY CLOUD SERVICES	48
	PRAGMATIC WORKS TRAINING INC	1,492
	RONALD SCOTT TURNER	70
	Total	1,610
	Total Other Expenses	121,867
Total Operating Expenses		6,859,212
State of Ohio Expenses	OHIO RETIREMENT STUDY COUNCIL	56,260
	Total State of Ohio Expenses	56,260