



December Financial Reporting & Expenses

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

	Defined Benefit Plans	Defined Contribution	Postemployment Healthcare	Totals
Additions:				
Contributions:				
Member	779,631,789	56,262,372		\$835,894,162
Employer	831,028,303	21,879,812		\$852,908,114
Transfers from Defined Contribution Plan	6,793,453	(6,793,453)		
Government reimbursements			26,590,043	26,590,043
Benefit recipient healthcare premiums			151,042,404	151,042,404
Other retirement systems	13,521,919			13,521,919
Total contributions	<u>1,630,975,464</u>	<u>71,348,731</u>	<u>177,632,447</u>	<u>1,879,956,642</u>
Net investment income (loss)	<u>4,715,243,534</u>	<u>122,756,466</u>	<u>245,000,000</u>	<u>5,083,000,000</u>
Total additions	\$6,346,218,998	\$194,105,198	\$422,632,447	\$6,962,956,642
Deductions:				
Service retirement	3,377,924,890			3,377,924,890
Disability retirement	98,554,159			98,554,159
Survivor benefits	62,049,499			62,049,499
Health care			280,163,060	280,163,060
Other	11,313,581			11,313,581
Total benefit payments	<u>3,549,842,129</u>		<u>280,163,060</u>	<u>3,830,005,189</u>
Refunds to members who have withdrawn	126,442,394	29,556,687		155,999,081
Administrative expenses	52,846,044		1,211,518	54,057,562
Total deductions	<u>\$3,729,130,567</u>	<u>\$29,556,687</u>	<u>\$281,374,578</u>	<u>\$4,040,061,832</u>
Net increase (decrease)	\$2,617,088,431	\$164,548,510	\$141,257,869	\$2,922,894,810
Net position held in trust for pension and postemployment healthcare benefits				
Beginning of year	<u>74,096,239,886</u>	<u>1,630,305,466</u>	<u>3,872,157,689</u>	<u>79,598,703,041</u>
End of period	<u>\$76,713,328,317</u>	<u>\$1,794,853,976</u>	<u>\$4,013,415,558</u>	<u>\$82,521,597,851</u>

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

	December	November	Year-to-Date	Expected Budget-to-Date	Annual Budget	Prior Year-to-Date
Compensation	\$ 3,996,906	\$ 4,189,253	\$ 34,046,558	\$ 35,594,647	\$ 63,432,100	\$ 30,772,000
Fringe Benefits	1,265,516	1,261,046	8,992,210	9,485,896	18,134,800	7,494,871
Professional and Technical Services	636,405	240,409	4,902,483	5,028,973	11,166,500	4,081,291
Repairs and Maintenance	541,496	333,309	3,084,670	2,740,817	5,874,900	2,252,719
Travel and Vehicles	34,946	77,596	278,312	261,089	705,500	232,555
Communications	262,388	175,983	976,069	1,020,082	2,018,200	974,319
Utilities	77,696	65,942	456,569	413,990	1,018,000	423,972
Supplies and Materials	60,945	44,755	388,929	476,387	899,800	480,793
Other Expenses	51,906	22,859	818,314	783,389	1,160,700	694,066
Total Operating Expenses	\$ 6,928,204	\$ 6,411,152	\$ 53,944,114	\$ 55,805,269	\$ 104,410,500	\$ 47,406,586
Capital Budget	\$ 269,571	\$ 280,195	\$ 735,057	\$ 735,057	\$ 4,930,900	\$ 476,779
State of Ohio Expenses	\$ 402	\$ 0	\$ 113,448	\$ 113,448	\$ 363,500	\$ 146,067
Capital Budget Carryover: Fiscal 2019	\$ 0	\$ 0	\$ 0	\$ 0	\$ 1,855,979	\$ 0

Staffing Information:	December	November	October
Budgeted FTE Associates	535	535	535
Full Time Equivalent Associates	518	516	520
Open FTE Positions	18	23	19

____ Mr. Price ____ moved, seconded by ____ Mr. Stein ____, that the report be accepted and the expenditures for the month ending December 31, 2019 in the total amount of \$7,198,177 be approved.

STATE TEACHERS RETIREMENT SYSTEM

Actual Expenses vs. Budget

For the Month and Fiscal Year-to-Date Ended December 31, 2019

	December	November	Year-to-Date	Expected Budget-to-Date	Annual Budget	Prior Year-to-Date
COMPENSATION						
Salary and Wages	\$ 3,978,014	\$ 3,989,362	\$ 25,889,622	\$ 25,845,250	\$ 51,690,500	\$ 21,588,804
Other Compensation	1,777	2,016	16,920	10,726	23,100	10,937
Incentive Compensation	0	0	7,780,238	9,400,000	9,400,000	8,886,078
Unused Vacation and Sick Leave	2,643	179,775	266,823	266,823	2,088,700	227,147
Overtime	10,147	8,875	56,805	35,698	94,500	39,909
Service Awards	4,325	9,225	36,150	36,150	135,300	19,125
Total Compensation	\$ 3,996,906	\$ 4,189,253	\$ 34,046,558	\$ 35,594,647	\$ 63,432,100	\$ 30,772,000
FRINGE BENEFITS						
OPERS Employer Cost	\$ 486,092	\$ 492,065	\$ 4,258,135	\$ 4,659,894	\$ 8,320,600	\$ 3,745,717
Medical/Hospitalization Insurance	625,190	619,328	3,742,443	3,875,000	7,750,000	2,910,680
Medicare	56,908	59,572	486,725	466,450	932,900	438,982
Dental Insurance	48,637	48,478	291,775	237,851	566,000	248,174
Educational Assistance	20,649	(954)	50,841	44,356	110,000	40,567
Workers' Compensation	6,384	7,816	(11,674)	55,000	110,000	(22,833)
Life Insurance	23,283	23,147	139,649	91,463	235,000	99,232
Disability Insurance	8,339	8,557	50,425	40,882	95,300	42,811
Wellness	(9,966)	3,037	(16,109)	0	0	(11,475)
Unemployment Compensation	0	0	0	15,000	15,000	3,016
Total Fringe Benefits	\$ 1,265,516	\$ 1,261,046	\$ 8,992,210	\$ 9,485,896	\$ 18,134,800	\$ 7,494,871
PROFESSIONAL AND TECHNICAL SERVICES						
Actuary	\$ 0	\$ 25,420	\$ 99,322	\$ 89,329	\$ 255,000	\$ 86,972
Audit	76	380	60,032	61,561	207,500	58,200
Banking Expense	6,697	4,047	11,125	45,759	75,000	16,262
Board Election Processing	0	0	0	0	72,000	0
Contract Services	159,161	0	244,940	231,350	462,700	102,834
Custodial Banking Fees	19,148	9,812	452,846	592,500	2,250,000	545,143
Data Management and Analytics	0	0	29,500	70,000	140,000	48,375
Disaster Recovery	5,042	958	8,806	22,365	69,400	4,201
Employment Verification	1,512	753	5,083	1,766	5,500	2,998
Health Care Consultant	5,750	0	5,750	56,000	112,000	6,250
Insurance Consultant	0	0	30,000	30,968	90,000	32,000
Investigative Services	1,118	1,610	6,403	3,225	15,900	2,765
Investment Consultant	20,833	20,834	220,033	201,248	720,000	197,321
Investment Research Services	282,827	67,144	1,985,758	1,926,033	2,950,000	1,713,284
Legal Fees	34,818	9,272	111,211	142,500	285,000	(66,190)
Medical Examinations	22,848	12,520	138,831	133,796	350,000	116,522
Other Consulting Services	14,335	30,355	176,964	167,680	529,400	199,598
Quotation and Analytic Services	43,937	3,444	1,128,106	1,186,800	2,373,600	958,926
Real Estate Contract Services	10,000	0	26,184	27,500	55,000	27,794
Recruitment Fees	122	43,128	117,785	28,592	128,500	7,325
Temporary Employment Services	8,181	10,732	43,804	10,000	20,000	20,711
Total Professional/Technical Services	\$ 636,405	\$ 240,409	\$ 4,902,483	\$ 5,028,973	\$ 11,166,500	\$ 4,081,291

December Expenses vs. Budget
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	December	November	Year-to-Date	Expected Budget-to-Date	Annual Budget	Prior Year-to-Date
REPAIRS AND MAINTENANCE						
Building Maintenance and Equipment	\$ 77,773	\$ 31,551	\$ 375,856	\$ 284,895	\$ 720,000	\$ 282,571
Copiers	6,109	9,023	46,276	42,791	100,000	39,134
Data Processing Equipment	435,720	252,884	2,473,834	2,229,900	4,459,800	1,742,364
Elevators	330	3,764	4,202	2,545	90,000	2,062
Mail Center Equipment	0	0	9,303	7,210	21,500	6,391
Property Tax and Leases	9,056	9,056	54,337	45,413	270,100	45,381
Safety and Security Equipment	8,595	22,550	105,790	118,862	188,500	124,268
Trash Removal	3,913	4,481	15,072	9,201	25,000	10,548
Total Repairs and Maintenance	\$ 541,496	\$ 333,309	\$ 3,084,670	\$ 2,740,817	\$ 5,874,900	\$ 2,252,719
TRAVEL AND VEHICLES						
Gasoline	\$ 660	\$ 1,019	\$ 3,948	\$ 3,616	\$ 7,600	\$ 3,685
Staff and Board Travel	29,161	76,011	267,727	252,932	686,900	224,975
Vehicle Maintenance	5,125	566	6,637	4,541	11,000	3,895
Total Travel and Vehicles	\$ 34,946	\$ 77,596	\$ 278,312	\$ 261,089	\$ 705,500	\$ 232,555
COMMUNICATIONS						
Courier Services	\$ 1,213	\$ 1,349	\$ 9,340	\$ 8,968	\$ 25,200	\$ 8,022
Outsourced Distribution	15,478	21,828	74,348	90,045	121,000	59,302
Photography / Media	0	0	0	0	5,000	0
Postage	182,854	95,000	540,079	580,000	1,160,000	612,376
Printing	28,592	31,529	193,383	215,999	397,000	170,276
Telecommunications	34,251	26,277	158,919	125,070	310,000	124,343
Total Communications	\$ 262,388	\$ 175,983	\$ 976,069	\$ 1,020,082	\$ 2,018,200	\$ 974,319
UTILITIES						
Electricity	\$ 54,648	\$ 59,721	\$ 368,291	\$ 338,139	\$ 800,000	\$ 359,995
Natural Gas	14,954	6,221	43,296	26,615	120,000	37,091
Oil	0	0	0	0	18,000	0
Water	8,094	0	44,982	49,235	80,000	26,886
Total Utilities	\$ 77,696	\$ 65,942	\$ 456,569	\$ 413,990	\$ 1,018,000	\$ 423,972
SUPPLIES AND MATERIALS						
Equipment Supplies	\$ 28,914	\$ 23,670	\$ 260,451	\$ 349,186	\$ 592,700	\$ 364,065
Food Service Supplies	11,629	8,482	37,611	27,000	54,000	20,861
Office Supplies	7,243	3,101	26,609	25,355	52,000	25,275
Personal Computer Software	6,530	1,036	15,268	22,135	61,000	23,755
Publications/Subscriptions	3,026	4,295	29,578	38,529	100,100	32,757
Uniforms	3,603	4,171	19,412	14,182	40,000	14,080
Total Supplies and Materials	\$ 60,945	\$ 44,755	\$ 388,929	\$ 476,387	\$ 899,800	\$ 480,793

December Expenses vs. Budget
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	December	November	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	3,768	245	25,733	24,381	100,400	19,320
Dues and Licenses	18,267	13,801	89,950	53,439	162,600	43,663
Equipment Rental	0	0	0	0	0	0
Insurance	0	0	582,521	584,000	584,000	544,035
Member/Employer Education Programs	15,836	8,739	61,090	70,050	140,100	44,870
Miscellaneous Expense	2,497	773	10,922	4,283	21,200	4,931
Other Board Expense	340	390	1,545	1,325	3,800	1,335
Other Staff Expense	5,893	(1,378)	12,487	11,450	22,900	1,943
Training	5,305	289	34,066	34,461	122,700	33,969
Total Other Expenses	\$ 51,906	\$ 22,859	\$ 818,314	\$ 783,389	\$ 1,160,700	\$ 694,066
Total Operating Expenses	\$ 6,928,204	\$ 6,411,152	\$ 53,944,114	\$ 55,805,269	\$ 104,410,500	\$ 47,406,586

	December	November	Year-to-Date	Expected Budget-to-Date	Annual Budget	Prior Year-to-Date
Building Improvements	\$ 28,165	\$ 10,207	\$ 40,486	\$ 40,486	\$ 3,226,500	\$ 156,662
Furniture & Fixtures	0	0	0	0	0	0
Audio Visual	0	0	0	0	0	0
Information Processing	118,518	250,180	368,698	368,698	744,000	258,120
Maintenance	23,271	854	133,329	133,329	327,400	56,819
Miscellaneous	0	0	0	0	0	0
Office	0	0	0	0	45,500	5,178
Telecommunications	0	0	0	0	0	0
Vehicles	20,932	0	20,932	20,932	28,500	0
Computer Software	78,685	18,954	171,612	171,612	559,000	0
Total Capital Budget	\$ 269,571	\$ 280,195	\$ 735,057	\$ 735,057	\$ 4,930,900	\$ 476,779
Total State of Ohio Expenses	\$ 402	\$ 0	\$ 113,448	\$ 113,448	\$ 363,500	\$ 146,067
Capital Budget Carryover:						
Fiscal 2019	\$ 0	\$ 0	\$ 0	\$ 0	\$ 1,855,979	\$ 0

December 2019 Expense Notes

General Comments

Actual fiscal year-to-date operating expenses total \$53.9 million, approximately \$1.9 million lower than expected. Incentive Compensation is lower than the budgeted amount by approximately \$1.6 million.

Salaries and Fringe Benefits

Educational Assistance was provided for twelve associates in December.

Professional and Technical Services

Contract Services includes annual data system security services. Health Care Consultant includes annual retiree drug subsidy services. Monthly alternative investment consultant fees are included in Investment Consultant. Investment Research Services includes annual fees for economic database charges and proxy voting services and semi-annual fees for fundamental research services. Legal Fees include fees paid to outside counsel. Other Consulting Services includes external government relations services. Retainer fees for two REIC members are included in Real Estate Contract Services.

Repairs and Maintenance

Building Maintenance and Equipment includes a replacement HVAC blower control unit, maintenance for the generators and electric car charging stations, roof preventative semi-annual maintenance and steam boiler repairs. Data Processing Equipment includes quarterly STaRS maintenance and annual maintenance for the STaRS database management tool and enterprise search engine.

Communications

Included in Postage are costs associated with replenishing the postage meters and mailing the defined contribution annual report and active member and retiree newsletters. Outsourced Distribution and Printing includes active member and retiree newsletters.

Utilities

Electricity, Natural Gas and Water are for November usage.

Supplies and Materials

Equipment Supplies includes replacement monitors, phones and toner. Personal Computer Software includes an IT analytic tool and software interface. Publications/Subscriptions include tax reference guides.

Other Expenses

Registration fees for an IT risk conference and the National Conference on PERS are included in Conferences and Seminars. Dues and Licenses include Accountancy Board of Ohio CPA license renewals and annual membership fees to the Public Pension Financial Forum and National Institute on Retirement Security. An application fee for the Government Finance Officers Association is included in Miscellaneous Expense. Training includes online courses for project management and technology.

Capital Budget

Capital items in December include two replacement servers and components, security access card readers, invoice workflow system software, two IT change orders for STaRS, electric car charging stations and a replacement counseling van.

**State Teachers Retirement System of Ohio
Detailed Operating Expenses
For the Month Ended December 31, 2019**

<u>ACCOUNT</u>	<u>VENDOR</u>	<u>AMOUNT</u>
Compensation		
Salaries & Wages	STRS OHIO	3,986,759
	Total	3,986,759
Overtime	STRS OHIO	10,147
	Total	10,147
	Total Salaries and Wages	3,996,906
Fringe Benefits		
OPERS Employer Cost	STRS OHIO	486,092
	Total	486,092
Medical/Hospitalization Insurance	MEDICAL CLAIMS	645,000
	MISC. RECEIPTS	(4,434)
	STRS OHIO	(89,391)
	UNITED HEALTHCARE INSURANCE CO	74,015
	Total	625,190
Medicare	STRS OHIO	56,908
	Total	56,908
Dental Insurance	DELTA DENTAL	48,951
	MISC. RECEIPTS	(314)
	Total	48,637
Educational Assistance	CHRIS WINGARD	245
	DEVRY INSTITUTE OF TECHNOLOGY	1,028
	FRANKLIN UNIVERSITY	15,548
	NIGP-NATL INST GOVERNMENT PURCHASING	425
	SARAH M LANGE	325
	SOUTHERN NEW HAMPSHIRE UNIVERSITY	960
	STRS OHIO	(174)
	THE OHIO STATE UNIVERSITY	2,292
	Total	20,649
Workers' Compensation	MISC. RECEIPTS	(937)
	STRS OHIO	7,321
	Total	6,384
Life Insurance	LINCOLN NATIONAL LIFE INSURANCE COMPANY	23,283
	Total	23,283
Disability Insurance	LINCOLN NATIONAL LIFE INSURANCE COMPANY	8,339
	Total	8,339
Wellness	ELIZABETH C DUDLEY	24
	MISC. RECEIPTS	(7,700)
	OHIOHEALTH/WORK HEALTH	160
	STRS OHIO	(2,450)
	Total	(9,966)
	Total Fringe Benefits	1,265,516
Professional and Technical Services		
Audit	TREASURER STATE OF OHIO	76
	Total	76
Banking Expense	FIFTH THIRD BANK	6,697
	Total	6,697

<u>ACCOUNT</u>	<u>VENDOR</u>	<u>AMOUNT</u>
Contract Services	GARTNER INC.	14,183
	SECUREWORKS INC	144,978
	Total	159,161
Custodial Banking Fees	FIFTH THIRD BANK	19,148
		Total
Disaster Recovery	FIFTH THIRD BANK-CORP CARD	81
	FIREPROOF RECORDS CENTER	544
	RECOVERY POINT SYSTEMS	4,417
	Total	5,042
Employment Verification	OHIOHEALTH/WORK HEALTH	1,194
	SCREENPOINTE INC	318
	Total	1,512
Health Care Consultants	WAKELY CONSULTING GROUP LLC	5,750
		Total
Investigative Services	LEXISNEXIS RISK SOLUTIONS	1,104
	PC	14
	Total	1,118
Investment Consultant	CLIFFWATER LLC	20,833
		Total
Investment Research Services	BCA RESEARCH	68,000
	DTCC ITP LLC	1,287
	FIFTH THIRD BANK-CORP CARD	91
	HAYER ANALYTICS	69,680
	INSTITUTIONAL SHAREHOLDER SERVICES	92,889
	NATIONAL ASSOC OF STATE INVEST OFFICERS	1,250
	STEPSTONE GROUP LP	37,500
	TRADEWEB LLC	1,600
	VIRTU ITG PLATFORMS LLC	3,056
	WILSHIRE ASSOCIATES INC	7,474
	Total	282,827
Legal Fees	DINSMORE & SHOHL LLP	10,879
	MUNGER TOLLES AND OLSON LLP	7
	NEWHOUSE PROPHATER KOLMAN & HOGAN LLC	42
	PRYOR CASHMAN LLP	813
	TUCKER ELLIS LLP	23,077
	Total	34,818
Medical Examinations	AMERICAN ARTHRITIS & OSTEOPOROSIS CNTR	250
	CENTRAL OHIO PRIMARY CARE	540
	CLAIRE V WOLFE MD	360
	COLUMBUS ONCOLOGY ASSOC INC	1,000
	DELANEY SMITH MD	750
	DISABILITY & IMPAIRMENT EVALUATIONS, INC	2,500
	DONALD C MANN MD INC	850
	INDEPENDENT EVALUATORS INC	1,000
	JAMES N ALLEN, MD	180
	JON KRONBERG MD	500
	KIDNEY SPECIALISTS INC	250
	MARJORIE C GALLAGHER MD	1,450
	MARTIN J GOTTESMAN MD	7,514
	MEDICAL ASSESSMENTS LLC	450
MEDICAL EVALUATORS LLC	1,100	
OHIO ENT	323	
OSU INTERNAL MEDICINE, LLC	350	

<u>ACCOUNT</u>	<u>VENDOR</u>	<u>AMOUNT</u>
	RONALD L WHISLER MD	180
	STEIMAN NEUROLOGY GROUP INC	2,875
	SUMMIT REHAB MEDICINE INC	426
	Total	22,848
Other Consulting Services	CALFEE HALTER AND GRISWOLD LLP	6,000
	DRURY INN & SUITES	244
	ENDICOTT MICROFILM INC	574
	FIFTH THIRD BANK	7,517
	Total	14,335
Quotation and Analytic Service	BLOOMBERG FINANCE LP	40,531
	NYSE MARKET INC	2,464
	OPTIONS PRICE REPORTING AUTHORITY LLC	504
	TSX INC	438
	Total	43,937
Real Estate Contract Services	ANTHONY CIOCHETTI	5,000
	TIMOTHY HEISE	5,000
	Total	10,000
Recruitment Fees	DRURY INN & SUITES	122
	Total	122
Temporary Employment Services	DAWSON RESOURCES	2,111
	OFFICE TEAM	3,056
	US PROTECTION SERVICE	3,014
	Total	8,181
	Total Professional and Technical Services	636,405
Repairs and Maintenance		
Building Maintenance and Equipment	ABM ELECTRICAL POWER SOLUTIONS LLC	14,115
	AMBIUS LLC 05	1,573
	BUCKEYE POWER SALES CO INC	66
	COLUMBUS FASTENERS CORP	37
	COLUMBUS TEMPERATURE CONTROL CO	164
	COMMERCIAL PARTS & SERVICES OF OHIO INC	125
	CONSOLIDATED ELECT DIST	109
	FIBERCARE	4,685
	FIFTH THIRD BANK-CORP CARD	317
	FIREPROOF RECORDS CENTER	183
	GLOBE WINDOW CLEANING INC	785
	GRAINGER INC	3,329
	GRAYBAR	230
	I SUPPLY COMPANY	3,877
	JOHNSON CONTROLS INC	5,384
	LOMBARDI WATER MANAGEMENT INC	1,181
	LOWES BUSINESS ACCOUNT	262
	MCMASTER-CARR SUPPLY COMPANY	558
	MH EQUIPMENT COMPANY	137
	OHIO CAT	12,884
	PIPE-VALVES INC	1,559
	PM SERVICES	2,258
	PRAXAIR DISTRIBUTION INC	94
	PREMIER OFFICE MOVERS, LLC	1,575
	SODEXO, INC & AFFILIATES	4,334
	SPEER MECHANICAL	15,077
	STEFFENS SHULTZ INC	1,562
	TERMINIX	401
	VERTIV CORPORATION	573
	WESTWATER SUPPLY CO	226
	WORLY PLUMBING SUPPLY INC	113
	Total	77,773

<u>ACCOUNT</u>	<u>VENDOR</u>	<u>AMOUNT</u>
Copiers	CANON FINANCIAL SERVICES INC	3,804
	GORDON FLESCH CO INC	1,953
	IMPACT NETWORKING LLC	24
	MT BUSINESS TECHNOLOGIES INC	328
	Total	6,109
Data Processing Equipment	BA INSIGHT INC	13,960
	BLOOMBERG FINANCE LP	6,910
	CLARIS INTERNATIONAL INC.	2,150
	CLOUDFLARE INC	1,900
	DLT SOLUTIONS INC	46,936
	FIFTH THIRD BANK-CORP CARD	138
	INFORMATION MANAGEMENT SERVICES	10,000
	IPC SYSTEMS, INC.	10,688
	L- SOFT INTERNATIONAL INC	1,725
	LINODE.COM	60
	MNJ TECHNOLOGIES DIRECT INC	7,440
	VITECH SYSTEMS GROUP	328,794
	W BRADLEY ELECTRIC INC/ WBE NETWORK SYS	1,450
XEROX CORPORATION	3,569	
Total	435,720	
Elevators	GABLE ELEVATOR	330
	Total	330
Property Tax and Leases	HOLLINGSWORTH CAPITAL PARTNERS COLS LLC	9,056
	Total	9,056
Safety & Security Equipment	CAMTRONICS COMMUNICATION COMPANY	6,120
	JOHNSON CONTROLS FIRE PROTECTION LP	819
	KOORSEN FIRE AND SECURITY INC	1,225
	STEWART'S SECURITY SERVICE	215
	THOMAS DOOR CONTROLS INC	216
	Total	8,595
Trash Removal	REPUBLIC SERVICES #046	238
	WASTE MANAGEMENT INC	3,675
	Total	3,913
Total Repairs and Maintenance		541,496
Travel and Vehicles		
Gasoline	FIFTH THIRD BANK-CORP CARD	660
	Total	660
Staff and Board Travel	AARON BLACK	151
	AMERICAN EXPRESS COMPANY	4,580
	ANTHONY WEBB	507
	ARTHUR B. LARD	106
	BONNIE E WILD	827
	BRIAN R ENGSTROM	561
	CARLYLE INVESTMENT MANAGEMENT LLC	423
	CAROL L CORRETHEERS	219
	DALE L PRICE	387
	DAVID J GRUBER	39
	DRURY INN & SUITES	976
	ERIC NEWBERG	33
	EVELIO ROSARIO III	996
	GARRETT WOFFORD	685
	GRANT EDWARDS	1,351
	JASON J TINCHER	1,246
JEFFREY A RHODES	172	

<u>ACCOUNT</u>	<u>VENDOR</u>	<u>AMOUNT</u>
	JOSEPH B LUBELSKI	555
	KEITH O HANSON	16
	KENNETH H BLANKE	1,333
	KEPLER CHEUVREUX	138
	LANNY D WELLY	157
	MARK A STOLL	176
	MARK REGENBOGEN	2,594
	MELISSA BOYD	1,837
	MICHAEL J NEHF	123
	MICHAEL SCHANTZ	597
	NICOLE M HOKE	677
	PATRICK BAUCHMOYER	24
	RAJ K MENON	877
	RITA J WALTERS	785
	ROBERT MCFEE	235
	ROBERT W STEIN	549
	SCOTT J HUNT	246
	STANTON WEST	1,169
	STEPHEN M REYNARD	1,208
	TIGER IRON CAPITAL	28
	TODD JACOBSON	1,211
	VISTA EQUITY PARTNERS MANAGEMENT LLC	431
	WELLS FARGO SECURITIES	79
	WILLIAM A SHURMAN	431
	YOEL MAYERFELD	426
	Total	29,161
Vehicle Maintenance	BYERS CHRYSLER, LLC	4,061
	CENTURY EQUIPMENT INC.	497
	GOODYEAR AUTO SERVICE CENTER	36
	MOO MOO CAR WASH	329
	TOWLIFT INC	202
	Total	5,125
	Total Travel and Vehicles	34,946
Communications		
Courier Services	RAINBOW EXPRESS INC	792
	UNITED PARCEL SERVICE	421
	Total	1,213
Outsourced Distribution	BAESMAN GROUP INC	1,010
	THE OLD TRAIL PRINTING CO INC	14,468
	Total	15,478
Postage	MISC. RECEIPTS	(56)
	POSTMASTER	99
	RESERVE ACCOUNT	180,000
	THE OLD TRAIL PRINTING CO INC	2,811
	Total	182,854
Printing	BAESMAN GROUP INC	4,179
	CAPITOL SQUARE PRINTING	592
	MISC. RECEIPTS	(5,760)
	THE OLD TRAIL PRINTING CO INC	29,522
	WESTERN STATES ENVELOPE & LABEL	59
	Total	28,592
Telecommunications	AT&T	102
	INTRADO ENTERPRISE COLLABORATION INC	88
	T-MOBILE	37
	TIME WARNER CABLE	396
	VERIZON WIRELESS	3,739
	WOW BUSINESS	1,784
	XO COMMUNICATIONS	28,105
	Total	34,251

<u>ACCOUNT</u>	<u>VENDOR</u>	<u>AMOUNT</u>
	Total Communications	262,388
Utilities		
Electricity	AMERICAN ELECTRIC POWER	52,281
	CITY OF WESTERVILLE	2,367
	Total	54,648
Natural Gas	COLUMBIA GAS OF OHIO	3,368
	PESCO ENERGY	11,586
	Total	14,954
Water	COLUMBUS CITY TREASURER	8,094
	Total	8,094
	Total Utilities	77,696
Supplies and Materials		
Equipment Supplies	AVI FOOD SYSTEMS INC	20
	CDW GOVERNMENT INC	1,075
	FASTSIGNS	70
	FIFTH THIRD BANK-CORP CARD	1,289
	GORDON FOOD SERVICE	4,215
	HILLYARD OHIO	2,645
	I SUPPLY COMPANY	747
	IT SAVVY	8,291
	MARIAH L MATHEWS	13
	METROLINEDIRECT.COM	3,299
	MISC. RECEIPTS	(233)
	MNJ TECHNOLOGIES DIRECT INC	2,944
	PM PROFESSIONAL SERVICES	641
	SAM'S CLUB	83
	SERVICE EXPRESS INC	389
	STATE INDUSTRIAL PRODUCTS	237
	SUSAN L JARVIS	21
	SUSAN R BROOKS	13
	THE MILLCRAFT PAPER COMPANY	424
	VERITIV OPERATING COMPANY	2,731
	Total	28,914
Food Service Supplies	AVI FOOD SYSTEMS INC	1,908
	FIFTH THIRD BANK-CORP CARD	169
	FIRSTCHOICE	44
	GORDON FOOD SERVICE	22,802
	KROGER-COLUMBUS CUSTOMER CHARGES	324
	MISC. RECEIPTS	(6,103)
	SAM'S CLUB	49
	SCHNEIDER'S BAKERY INC	336
	STRS OHIO	(8,934)
	TREASURER STATE OF OHIO	1,034
	Total	11,629
Office Supplies	BLICK ART MATERIALS	878
	CENTRAL OHIO COPIER SUPPLY	2,566
	CLASSIC COMPUTER PRODUCTS	793
	INDEPENDENT STATIONERS INC	655
	OFFICE DEPOT INC	220
	STAPLES BUSINESS ADVANTAGE	2,131
	Total	7,243
Personal Computer Software	FIFTH THIRD BANK-CORP CARD	395
	SHI CORP	4,135
	THE MATHWORKS INC	2,000
	Total	6,530
Publications/Subscriptions	DIRECTV	361
	FIFTH THIRD BANK-CORP CARD	198

<u>ACCOUNT</u>	<u>VENDOR</u>	<u>AMOUNT</u>
	RELX INC DBA LEXISNEXIS	339
	THE COLUMBUS DISPATCH	499
	THOMSON REUTERS INC	1,629
	Total	3,026
Uniforms	CINTAS CORPORATION	2,530
	ECONOMY	241
	GORDON FOOD SERVICE	24
	STAPLES BUSINESS ADVANTAGE	359
	UNIFIRST CORPORATION	449
	Total	3,603
	Total Supplies and Materials	60,945
Other Expenses		
Conferences and Seminars	HUMAN RESOURCES ASSOCIATION-CENTRAL OH	65
	INTERNATIONAL PUBLIC MANAGMENT ASSOC-HR	863
	JENNIFER J METZLER	130
	NATIONAL CONFERENCE ON PERS	565
	NATL ASSOC OF PUBLIC PENSION ATTORNEYS	970
	STANTON WEST	175
	THE SANTA FE GROUP INC	1,000
	Total	3,768
Dues and Licenses	ASSOC OF CERTIFIED FRAUD EXAMINERS	195
	CCIM INSTITUTE	1,300
	CINNAMON J SAKICH	183
	FIFTH THIRD BANK-CORP CARD	199
	FREDERICK SETON STALEY III	88
	INFORMATION SYS AUDIT & CONTROL ASSOC	190
	IRENE T BLACK	975
	LEO M WILHELM	183
	NAT'L ASSOC OF AFRICAN AMERICANS IN HR	175
	NATL INSTITUTE ON RETIREMENT SECURITY	9,600
	NIGP-NATL INST GOVERNMTL PURCHASING	280
	PRISM	300
	PROJECT MANAGEMENT INSTITUTE	159
	PUBLIC PENSION FINANCIAL FORUM	1,000
	RISK & INSURANCE MANAGEMENT SOCIETY, INC	1,040
	RYAN (YEON BAE) KONG	185
	STANTON WEST	1,585
	TODD JACOBSON	630
	Total	18,267
Member Education Programs	C J WILSON	95
	ELIZABETH S SCHMITZ	1,701
	EMBASSY SUITES	3,904
	HILTON GARDEN INN DAYTON/BEAVERCREEK	2,640
	HILTON GARDEN INN WOOSTER	1,020
	HOLIDAY INN	3,540
	MISCELLANEOUS EXPENSE	76
	OASIS CONFERENCE CENTER	1,010
	OSCARS RESTAURANT	1,050
	QUALITY INN	600
	ROBIN ZEISLER	58
	TAMMIE S CONTRERAS	142
	Total	15,836
Miscellaneous	CAPITOL SQUARE REVIEW & ADVISORY BOARD	400
	FIFTH THIRD BANK-CORP CARD	179
	FIREPROOF RECORDS CENTER	377
	GOVERNMENT FINANCE OFFICERS ASSN	1,265
	INFOSTORE LLC	31
	MAPLE LEE FLOWERS	219
	STRS OHIO	26
	Total	2,497

<u>ACCOUNT</u>	<u>VENDOR</u>	<u>AMOUNT</u>
Other Board Expense	FIFTH THIRD BANK-CORP CARD	19
	MISCELLANEOUS EXPENSE	321
	Total	340
Other Staff Expense	BERWICK PARTY HOUSE INC	6,128
	DORENE M BROWNING	249
	HEATHER SHARPE	57
	JENNIFER MONTENARO	2,361
	MISC. RECEIPTS	(2,156)
	R JANE SHEA	42
	STRS OHIO	(821)
	SUZAN J WALTERS	33
	Total	5,893
Training	GLOBAL KNOWLEDGE TRAINING LLC	3,415
	NIGP-NATL INST GOVERNMTL PURCHASING	595
	WORKFRONT INC	1,295
	Total	5,305
	Total Other Expenses	51,906
Total Operating Expenses		6,928,204
State of Ohio Expenses	TREASURER STATE OF OHIO	402
	Total State of Ohio Expenses	402