



December Financial Reporting & Expenses

Succeeding this cover page are the STRS Ohio financial reports & expenses for the period ending Dec. 31, 2021. 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, 2021 through December 31, 2021

	Defined Benefit Plans	Defined Contribution Plans	Postemployment Healthcare	Totals
Additions:				
Contributions:				
Member	823,061,064	64,483,837		\$887,544,901
Employer	881,308,294	25,077,048		\$906,385,342
Transfers from Defined Contribution Plan	7,230,365	(7,230,365)		
Government reimbursements			29,419,623	29,419,623
Benefit recipient healthcare premiums			104,696,761	104,696,761
Other retirement systems	29,590,979			29,590,979
Total contributions	<u>1,741,190,702</u>	<u>82,330,520</u>	<u>134,116,385</u>	<u>1,957,637,607</u>
Net investment income (loss)	<u>4,422,257,764</u>	<u>134,742,236</u>	<u>243,000,000</u>	<u>4,800,000,000</u>
Total additions	\$6,163,448,466	\$217,072,756	\$377,116,385	\$6,757,637,607
Deductions:				
Service retirement	3,427,062,612			3,427,062,612
Disability retirement	91,990,306			91,990,306
Survivor benefits	61,835,835			61,835,835
Health care			210,532,409	210,532,409
Other	24,746,151			24,746,151
Total benefit payments	<u>3,605,634,904</u>		<u>210,532,409</u>	<u>3,816,167,313</u>
Refunds to members who have withdrawn	127,087,407	51,714,316		178,801,723
Administrative expenses	55,126,340		1,206,978	56,333,318
Total deductions	<u>\$3,787,848,651</u>	<u>\$51,714,316</u>	<u>\$211,739,387</u>	<u>\$4,051,302,354</u>
Net increase (decrease)	\$2,375,599,816	\$165,358,441	\$165,376,998	\$2,706,335,253
Net position held in trust for pension and postemployment healthcare benefits				
Beginning of year	<u>89,379,037,867</u>	<u>2,426,469,723</u>	<u>4,929,739,778</u>	<u>96,735,247,368</u>
End of period	<u>\$91,754,637,683</u>	<u>\$2,591,828,164</u>	<u>\$5,095,116,776</u>	<u>\$99,441,582,621</u>

STATE TEACHERS RETIREMENT SYSTEM
 Actual Expenses vs. Budget
 For the Month and Fiscal Year-to-Date Ended December 31, 2021

	December	November	Year-to-Date	Expected Budget-to-Date	Annual Budget	Prior Year-to-Date
Compensation	\$ 6,146,836	\$ 4,263,328	\$ 35,772,346	\$ 36,966,755	\$ 63,565,400	\$ 34,552,859
Fringe Benefits	1,572,196	1,273,398	9,369,012	9,786,703	18,152,300	8,269,250
Professional and Technical Services	725,470	852,545	5,224,293	5,839,222	12,265,100	4,973,832
Repairs and Maintenance	583,283	524,769	3,289,904	3,058,082	6,516,600	3,559,883
Travel and Vehicles	4,836	11,816	44,118	273,533	549,100	7,228
Communications	133,257	168,583	600,145	850,320	1,810,100	893,617
Utilities	75,719	76,513	402,067	472,961	1,015,000	386,648
Supplies and Materials	61,710	61,586	464,250	409,319	845,900	286,327
Other Expenses	37,417	43,139	924,303	1,014,579	1,294,600	774,006
Total Operating Expenses	\$ 9,340,724	\$ 7,275,677	\$ 56,090,438	\$ 58,671,475	\$ 106,014,100	\$ 53,703,650
Capital Budget	\$ 334,081	\$ 152,440	\$ 592,725	\$ 592,725	\$ 9,096,900	\$ 501,812
State of Ohio Expenses	\$ 126,500	\$ 172	\$ 242,880	\$ 242,880	\$ 1,263,000	\$ 134,225
Capital Budget Carryover	\$ 336,598	\$ 147,161	\$ 793,435	\$ 793,435	\$ 1,109,055	\$ 2,483,623

Staffing Information:	December	November	October
Budgeted FTE Associates	530	530	530
Full Time Equivalent Associates	499	492	491
Open FTE Positions	11	19	20

Mr. McFee moved, seconded by Ms. Walters, that the report be accepted and the expenditures for the month ending December 31, 2021 in the total amount of \$10,137,903 be approved.

STATE TEACHERS RETIREMENT SYSTEM
 Actual Expenses vs. Budget
 For the Month and Fiscal Year-to-Date Ended December 31, 2021

	December	November	Year-to-Date	Expected Budget-to-Date	Annual Budget	Prior Year-to-Date
COMPENSATION						
Salary and Wages	\$ 6,079,797	\$ 4,019,845	\$ 28,243,490	\$ 28,683,685	\$ 53,269,700	\$ 26,282,739
Other Compensation	2,502	1,121	11,120	13,042	22,700	11,513
Incentive Compensation	0	0	6,689,501	7,500,000	7,500,000	7,259,183
Unused Vacation and Sick Leave	43,544	238,426	740,141	695,576	2,615,700	943,941
Overtime	15,068	3,936	47,244	33,602	75,600	26,313
Service Awards	5,925	0	40,850	40,850	81,700	29,170
Total Compensation	\$ 6,146,836	\$ 4,263,328	\$ 35,772,346	\$ 36,966,755	\$ 63,565,400	\$ 34,552,859
FRINGE BENEFITS						
OPERS Employer Cost	\$ 744,496	\$ 511,197	\$ 4,537,074	\$ 4,916,061	\$ 8,529,800	\$ 4,281,573
Medical/Hospitalization Insurance	630,781	611,489	3,741,941	3,750,000	7,500,000	3,241,135
Medicare	86,882	60,738	510,197	503,031	934,200	491,523
Dental Insurance	46,076	45,361	275,910	293,409	581,000	284,901
Educational Assistance	16,868	1,644	32,333	61,093	100,000	51,313
Workers' Compensation	16,036	12,188	86,039	72,692	135,000	(276,444)
Life Insurance	22,592	22,360	134,534	136,861	265,000	139,839
Disability Insurance	8,465	8,421	50,952	49,298	99,300	50,424
Wellness	0	0	32	0	0	249
Unemployment Compensation	0	0	0	4,259	8,000	4,737
Total Fringe Benefits	\$ 1,572,196	\$ 1,273,398	\$ 9,369,012	\$ 9,786,703	\$ 18,152,300	\$ 8,269,250
PROFESSIONAL AND TECHNICAL SERVICES						
Actuary	\$ 24,794	\$ 26,937	\$ 92,485	\$ 102,821	\$ 347,000	\$ 79,844
Audit	8,800	14,000	101,185	82,350	164,700	66,304
Banking Expense	18,758	18,131	108,243	107,500	215,000	104,398
Board Election Processing	0	0	0	1,246	70,000	1,924
Contract Services	182,944	15,968	218,455	261,932	461,500	276,169
Custodial Banking Fees	55,387	54,449	743,425	696,950	2,200,000	624,239
Data Management and Analytics	0	0	29,500	66,500	133,000	29,500
Disaster Recovery	10,666	8,869	53,556	152,050	304,100	29,981
Employment Verification	1,417	504	4,849	2,600	2,600	3,962
Health Care Consultant	4,809	8,057	40,060	130,500	261,000	6,000
Insurance Consultant	0	0	31,000	30,663	92,500	30,000
Investigative Services	1,241	1,269	5,984	7,591	24,600	6,776
Investment Consultant	20,833	20,833	227,068	252,688	820,000	220,781
Investment Research Services	266,099	20,160	1,980,627	2,047,913	3,150,000	1,990,064
Legal Fees	33,530	13,961	57,389	169,607	285,000	60,502
Medical Examinations	30,978	14,510	113,743	154,452	315,000	151,233
Other Consulting Services	31,959	76,601	195,032	184,739	602,800	174,456
Quotation and Analytic Services	30,674	556,303	1,195,579	1,349,650	2,699,300	1,100,471
Real Estate Contract Services	0	0	11,000	14,250	57,000	10,000
Recruitment Fees	2,581	1,993	15,113	13,220	40,000	5,478
Temporary Employment Services	0	0	0	10,000	20,000	1,750
Total Professional/Technical Services	\$ 725,470	\$ 852,545	\$ 5,224,293	\$ 5,839,222	\$ 12,265,100	\$ 4,973,832

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	\$ 143,628	\$ 156,260	\$ 341,917	\$ 299,031	\$ 760,000	\$ 334,648
Copiers	5,509	6,097	32,313	46,649	97,000	28,823
Data Processing Equipment	418,292	339,615	2,715,470	2,515,800	5,031,600	3,014,094
Elevators	0	0	0	3,056	110,000	2,065
Mail Center Equipment	1,960	0	9,568	15,573	29,500	15,622
Property Tax and Leases	9,056	9,056	54,337	54,303	270,000	54,337
Safety and Security Equipment	1,523	12,682	122,163	110,909	188,500	98,484
Trash Removal	3,315	1,059	14,136	12,760	30,000	11,810
Total Repairs and Maintenance	\$ 583,283	\$ 524,769	\$ 3,289,904	\$ 3,058,082	\$ 6,516,600	\$ 3,559,883
TRAVEL AND VEHICLES						
Gasoline	\$ 123	\$ 341	\$ 1,256	\$ 2,783	\$ 7,600	\$ 371
Staff and Board Travel	4,442	11,071	39,958	265,750	531,500	6,976
Vehicle Maintenance	271	404	2,904	5,000	10,000	(119)
Total Travel and Vehicles	\$ 4,836	\$ 11,816	\$ 44,118	\$ 273,533	\$ 549,100	\$ 7,228
COMMUNICATIONS						
Courier Services	\$ 2,594	\$ 1,492	\$ 11,027	\$ 12,628	\$ 25,000	\$ 8,651
Outsourced Distribution	3,494	352	7,657	50,000	100,000	62,540
Photography / Media	0	0	0	5,000	5,000	18
Postage	77,448	125,034	296,476	425,818	965,100	498,652
Printing	14,211	8,459	97,328	203,848	325,000	169,945
Telecommunications	35,510	33,246	187,657	153,025	390,000	153,811
Total Communications	\$ 133,257	\$ 168,583	\$ 600,145	\$ 850,320	\$ 1,810,100	\$ 893,617
UTILITIES						
Electricity	\$ 55,275	\$ 60,021	\$ 318,581	\$ 400,000	\$ 800,000	\$ 321,308
Natural Gas	17,946	11,753	58,982	28,605	120,000	31,040
Oil	0	0	0	0	15,000	0
Water	2,498	4,739	24,504	44,356	80,000	34,300
Total Utilities	\$ 75,719	\$ 76,513	\$ 402,067	\$ 472,961	\$ 1,015,000	\$ 386,648
SUPPLIES AND MATERIALS						
Equipment Supplies	\$ 47,414	\$ 42,679	\$ 366,282	\$ 266,400	\$ 532,800	\$ 177,807
Food Service Supplies	4,774	3,686	25,986	26,750	53,500	16,644
Office Supplies	1,275	1,263	14,723	22,372	51,500	11,314
Personal Computer Software	2,898	0	4,563	33,730	55,500	28,957
Publications/Subscriptions	2,016	11,442	34,053	41,888	113,600	35,686
Uniforms	3,333	2,516	18,643	18,180	39,000	15,919
Total Supplies and Materials	\$ 61,710	\$ 61,586	\$ 464,250	\$ 409,319	\$ 845,900	\$ 286,327

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	470	3,010	14,435	56,220	97,000	12,919
Dues and Licenses	12,946	32,247	76,223	60,335	168,400	56,025
Equipment Rental	0	0	0	0	0	0
Insurance	0	0	778,436	775,000	775,000	667,229
Member/Employer Education Programs	0	0	48	36,550	73,100	(167)
Miscellaneous Expense	1,939	1,511	8,702	9,341	24,200	7,287
Other Board Expense	163	267	1,114	1,933	3,500	893
Other Staff Expense	594	789	3,131	11,400	22,800	(2,279)
Training	21,305	5,315	42,214	63,800	127,600	32,099
Total Other Expenses	\$ 37,417	\$ 43,139	\$ 924,303	\$ 1,014,579	1,294,600	\$ 774,006
Total Operating Expenses	\$ 9,340,724	\$ 7,275,677	\$ 56,090,438	\$ 58,671,475	106,014,100	\$ 53,703,650

	December	November	Year-to-Date	Expected Budget-to-Date	Annual Budget	Prior Year-to-Date
Building Improvements	\$ 96,097	\$ 10,855	\$ 117,429	\$ 117,429	2,585,000	\$ 0
Furniture & Fixtures	0	0	0	0	0	0
Audio Visual	0	0	0	0	0	0
Information Processing	237,984	0	281,367	281,367	4,898,000	250,180
Maintenance	0	0	7,141	7,141	517,000	161,168
Miscellaneous	0	0	0	0	0	0
Office	0	0	21,101	21,101	67,400	0
Telecommunications	0	0	0	0	0	0
Vehicles	0	0	0	0	29,500	0
Computer Software	0	141,585	165,687	165,687	1,000,000	90,464
Total Capital Budget	\$ 334,081	\$ 152,440	\$ 592,725	\$ 592,725	9,096,900	\$ 501,812
Total State of Ohio Expenses	\$ 126,500	\$ 172	\$ 242,880	\$ 242,880	1,263,000	\$ 134,225
Capital Budget Carryover - Fiscal 2021	\$ 336,598	\$ 147,161	\$ 793,435	\$ 793,435	1,109,055	\$ 0
Capital Budget Carryover - Fiscal 2020 & 2019	\$ 0	\$ 0	\$ 0	\$ 0	0	\$ 2,483,623

December 2021 Expense Notes

General Comments

Actual fiscal year-to-date operating expenses total \$56.1 million, which is approximately \$2.6 million under the expected budget.

Compensation and Fringe Benefits

Salary and Wages and associated fringe benefits were higher in December due to three paydays versus the typical two paydays per month. Unused Vacation and Sick Leave includes payment to a retiring associate. Educational Assistance was provided for seven associates in December.

Professional and Technical Services

Actuary includes pension and health care valuation services, plan lever analysis and mitigating rate review. Audit includes fees for the annual financial statement audit. Contract Services include annual IT security and monitoring services. Monthly alternative investment consultant fees are included in Investment Consultant. Investment Research Services include annual fees for economic database and proxy voting services and quarterly fees for private market research. Legal Fees include fees paid to outside counsel. Medical Examinations include payment for the medical review board chair services. Other Consulting Services include external investment performance verification and examination services and fees paid for external communication services.

Repairs and Maintenance

Building Maintenance and Equipment includes parking garage gate and air handler repairs and building restoration work from last year's fire damage. Data Processing Equipment includes quarterly STARS maintenance.

Communications

Included in Postage are costs associated with active member newsletters.

Supplies and Materials

Equipment Supplies include annual 1099 and benefit deposit advice forms.

Other Expenses

Dues and Licenses include annual membership fees for the National Association of State Retirement Administrators. Technology training for the replacement investment portfolio management system is included in Training.

Capital Budget

Capital items for December include additional disk space for the storage area networks, member data security tool, lighting upgrades and replacement fire doors.

State of Ohio Expenses

The first payment for the fiduciary audit was paid to the Ohio Retirement Study Council.

Capital Budget Carryover

The capital budget carryover includes payment for the replacement investment portfolio management system.

**State Teachers Retirement System of Ohio
Detailed Operating Expenses
For the Month Ended December 31, 2021**

<u>ACCOUNT</u>	<u>VENDOR</u>	<u>AMOUNT</u>
Compensation		
Salaries & Wages	STRS OHIO	6,131,768
	Total	6,131,768
Overtime	STRS OHIO	15,068
	Total	15,068
	Total Salaries and Wages	6,146,836
Fringe Benefits		
OPERS Employer Cost	STRS OHIO	744,496
	Total	744,496
Medical/Hospitalization Insurance	AETNA BEHAVIORAL HEALTH LLC-ASSOC	690
	AETNA-ASSOC PREM	20,658
	EXPRESS SCRIPTS IN	9,721
	MEDICAL CLAIMS	720,000
	MISC. RECEIPTS	(3,574)
	STRS OHIO	(116,714)
	Total	630,781
Medicare	STRS OHIO	86,882
	Total	86,882
Dental Insurance	DELTA DENTAL	46,581
	MISC. RECEIPTS	(505)
	Total	46,076
Educational Assistance	COLUMBUS STATE COMMUNITY COLLEGE	503
	FRANKLIN UNIVERSITY	15,262
	JASON WHITE	680
	MISC. RECEIPTS	(500)
	SOUTHERN NEW HAMPSHIRE UNIVERSITY	923
	Total	16,868
Workers' Compensation	SHEAKLEY UNISERVICE INC	25
	STRS OHIO	16,011
	Total	16,036
Life Insurance	MISC. RECEIPTS	(391)
	MUTUAL OF OMAHA	22,983
	Total	22,592
Disability Insurance	MUTUAL OF OMAHA	8,465
	Total	8,465
	Total Fringe Benefits	1,572,196
Professional and Technical Services		
Actuary	CHEIRON INC	24,794
	Total	24,794
Audit	CROWE LLP	8,800
	Total	8,800

<u>ACCOUNT</u>	<u>VENDOR</u>	<u>AMOUNT</u>
Banking Expense	FIFTH THIRD BANK	18,758
	Total	18,758
Contract Services	BAESMAN GROUP INC	4,902
	FIFTH THIRD BANK-CORP CARD	41
	SECUREWORKS INC	178,001
	Total	182,944
Custodial Banking Fees	FIFTH THIRD BANK	55,387
	Total	55,387
Disaster Recovery	RECOVERY POINT SYSTEMS	9,200
	VRC COMPANIES LLC	1,466
	Total	10,666
Employment Verification	OHIOHEALTH/WORK HEALTH SCREENPOINTE INC	822 595
	Total	1,417
Health Care Consultants	BUCK GLOBAL LLC	4,809
	Total	4,809
Investigative Services	LEXISNEXIS RISK SOLUTIONS	1,241
	Total	1,241
Investment Consultant	CLIFFWATER LLC	20,833
	Total	20,833
Investment Research Services	CREDITNTELL	24,000
	DTCC ITP LLC	607
	GREEN STREET ADVISORS LLC	7,050
	HAVER ANALYTICS	69,960
	INSTITUTIONAL SHAREHOLDER SERVICES	94,588
	MSCI INC	20,000
	STEPSTONE GROUP LP	37,500
	TRADEWEB LLC	1,600
	VIRTU ITG PLATFORMS LLC	3,056
	WILSHIRE ASSOCIATES INC	7,738
	Total	266,099
Legal Fees	PRYOR CASHMAN LLP	73
	TUCKER ELLIS LLP	33,457
	Total	33,530
Medical Examinations	ALBERT J KOLIBASH JR MD	655
	CLAIRE V WOLFE MD	555
	DONALD C MANN MD INC	1,700
	FORUM OHIO LLC	4,350
	JAMES N ALLEN, MD	370
	JAMES R. HAWKINS, M.D.	1,800
	JEFFERY C HUTZLER MD	185
	MARC COOPERMAN MD	655
	MARJORIE C GALLAGHER MD	1,550
	MARTIN J GOTTESMAN MD	7,972
	MEDICAL ASSESSMENTS LLC	500
	MEDICAL EVALUATORS LLC	2,174
	METROHEALTH PROFESSIONAL GROUP	1,250
	MITCHELL E NAHRA MD	750
	OHIOHEALTH PHYSICIAN GROUP INC	577
	OLAYA LIZETTE SOLIS MD	2,300
	OSU INTERNAL MEDICINE, LLC	790
	RONALD L WHISLER MD	1,210
	SOUTHEAST OHIO REGIONAL ORTHOPAEDIC LLC	600
	STEPHEN F PARISER, MD	185
	TETYANA BODNAR MD	850

<u>ACCOUNT</u>	<u>VENDOR</u>	<u>AMOUNT</u>
	Total	30,978
Other Consulting Services	ACA PERFORMANCE SERVICES LLC	5,450
	CALFEE HALTER AND GRISWOLD LLP	6,000
	CDM PARTNERS LIMITED	5,325
	ENDICOTT MICROFILM INC	204
	FIFTH THIRD BANK	7,478
	LESIC AND CAMPER COMMUNICATIONS	7,502
	Total	31,959
Quotation and Analytic Service	BLOOMBERG FINANCE LP	27,300
	ICE DATA INDICES LLC	81
	NYSE MARKET INC	2,383
	OPTIONS PRICE REPORTING AUTHORITY LLC	504
	TSX INC	406
	Total	30,674
Recruitment Fees	ALAN E MUENCH	71
	AMERICAN EXPRESS COMPANY	610
	DRURY INN & SUITES	122
	EMPLOYTEST LLC	427
	FIFTH THIRD BANK-CORP CARD	138
	ROBERT VAN BERGEN	132
	YOURMEMBERSHIP.COM INC	1,081
	Total	2,581
	Total Professional and Technical Services	725,470
Repairs and Maintenance		
Building Maintenance and Equipment	AMBIUS LLC 05	1,573
	ATLAS INDUSTRIAL CONTRACTORS LTD	4,536
	BUCK AND SONS LANDSCAPE SERVICE INC	285
	BUCKEYE POWER SALES CO INC	16
	CARTER LUMBER	4,802
	CHEM-AQUA	1,440
	CONSOLIDATED ELECT DIST	3,787
	CUMMINS BRIDGEWAY LLC	993
	FIBERCARE	4,390
	FIFTH THIRD BANK-CORP CARD	1,666
	GLOBE WINDOW CLEANING INC	817
	GRAINGER INC	1,793
	HARD FIRE SUPPRESSION SYSTEMS	405
	JOHNSTONE SUPPLY	39
	KETCHUM WALTON CO	4,745
	LINDE GAS AND EQUIPMENT INC	88
	LOWES BUSINESS ACCOUNT	213
	MISC. RECEIPTS	(739)
	QUALITY MASONRY COMPANY INC	92,588
	QUALITY POOLS	386
	SHOEMAKER INDUSTRIAL SOLUTIONS	2,177
	SPEER MECHANICAL	13,350
	STEFFENS SHULTZ INC	37
	TERMINIX	471
	TRANE US INC	3,428
	VRC COMPANIES LLC	255
	WESCO DISTRIBUTION, INC.	87
	Total	143,628
Copiers	CANON FINANCIAL SERVICES INC	3,804
	COMDOC, INC	86
	GORDON FLESCH CO INC	1,505
	IMPACT NETWORKING LLC	114
	Total	5,509
Data Processing Equipment	AVAYA INC	24,611

<u>ACCOUNT</u>	<u>VENDOR</u>	<u>AMOUNT</u>
	BLOOMBERG FINANCE LP	7,305
	CDW GOVERNMENT INC	4,570
	CLOUDFLARE INC	1,900
	ELASTICSEARCH INC	3,948
	FIFTH THIRD BANK-CORP CARD	702
	INCONTACT INC	1,056
	IOVATION INC	11,770
	LINODE.COM	60
	MAPSYS SYSTEM AND SOLUTIONS	18,061
	VAR TECHNOLOGY FINANCE	24,669
	VITECH SYSTEMS GROUP	318,270
	WISTIA INC	1,370
	Total	418,292
Mail Center Equipment	PITNEY BOWES GLOBAL FINANCIAL SVC LLC	1,424
	PITNEY BOWES INC	536
	Total	1,960
Property Tax and Leases	HOLLINGSWORTH CAPITAL PARTNERS COLS LLC	9,056
	Total	9,056
Safety & Security Equipment	CLIFTON L SPINNER JR	535
	JOHN MCNALLY III	(56)
	JOHNSON CONTROLS FIRE PROTECTION LP	1,044
	Total	1,523
Trash Removal	MISC. RECEIPTS	(53)
	REPUBLIC SERVICES #046	394
	WASTE MANAGEMENT INC	2,974
	Total	3,315
	Total Repairs and Maintenance	583,283
Travel and Vehicles		
Gasoline	FIFTH THIRD BANK-CORP CARD	123
	Total	123
Staff and Board Travel	AMERICAN EXPRESS COMPANY	782
	ARTHUR B. LARD	122
	BRIAN R ENGSTROM	598
	CAROL L CORRETHEERS	180
	DALE L PRICE	221
	ERIC NEWBERG	1,007
	JASON T JARVIS	173
	JEFFREY A RHODES	323
	RITA J WALTERS	216
	ROBERT MCFEE	226
	ROBERTA WAXMAN-LENZ	98
	RUDY FICHTENBAUM	214
	SCOTT J HUNT	242
	TIFFANY RUFRANO	40
	Total	4,442
Vehicle Maintenance	FIFTH THIRD BANK-CORP CARD	271
	Total	271
	Total Travel and Vehicles	4,836
Communications		
Courier Services	FEDEX	149
	RAINBOW EXPRESS INC	1,325
	UNITED PARCEL SERVICE	1,120
	Total	2,594
Outsourced Distribution	BAESMAN GROUP INC	558

<u>ACCOUNT</u>	<u>VENDOR</u>	<u>AMOUNT</u>
	HOPKINS PRINTING INC	2,936
	Total	3,494
Postage	HOPKINS PRINTING INC	868
	LORTON DATA INC.	283
	MAIL SORT LTD	5,000
	MISC. RECEIPTS	(1,167)
	RESERVE ACCOUNT	70,000
	TREASURER STATE OF OHIO	2,464
	Total	77,448
Printing	BAESMAN GROUP INC	4,060
	HOPKINS PRINTING INC	10,151
	Total	14,211
Telecommunications	AT&T	126
	CHARTER COMMUNICATIONS	306
	COMMANDLINK LLC	2,088
	T-MOBILE	75
	TREASURER STATE OF OHIO	326
	VERIZON BUSINESS	26,865
	VERIZON WIRELESS	3,931
	WOW BUSINESS	1,793
	Total	35,510
	Total Communications	133,257
Utilities		
Electricity	AMERICAN ELECTRIC POWER	52,630
	CITY OF WESTERVILLE	2,645
	Total	55,275
Natural Gas	COLUMBIA GAS OF OHIO	2,758
	UNITED ENERGY TRADING, LLC	15,188
	Total	17,946
Water	COLUMBUS CITY TREASURER	2,498
	Total	2,498
	Total Utilities	75,719
Supplies and Materials		
Equipment Supplies	ACTION SUPPLY PRODUCTS INC	391
	CDW GOVERNMENT INC	697
	ENDICOTT MICROFILM INC	5,790
	FASTSIGNS	50
	FIFTH THIRD BANK-CORP CARD	1,343
	GORDON FOOD SERVICE	1,669
	GRAYBAR	1,277
	I SUPPLY COMPANY	5,443
	IT SAVVY	858
	LOWES BUSINESS ACCOUNT	315
	MISC. RECEIPTS	(788)
	MNJ TECHNOLOGIES DIRECT INC	7,473
	RR DONNELLEY AND SONS COMPANY	22,427
	THE MILLCRAFT PAPER COMPANY	469
	Total	47,414
Food Service Supplies	AVI FOOD SYSTEMS INC	1,575
	FIFTH THIRD BANK-CORP CARD	105
	GORDON FOOD SERVICE	9,299
	KROGER-COLUMBUS CUSTOMER CHARGES	368
	MISC. RECEIPTS	(852)
	STRS OHIO	(6,078)
	TREASURER STATE OF OHIO	357

<u>ACCOUNT</u>	<u>VENDOR</u>	<u>AMOUNT</u>
	Total	4,774
Office Supplies	CENTRAL OHIO COPIER SUPPLY	271
	EPIC BUSINESS ESSENTIALS	175
	OFFICE DEPOT INC	94
	PITNEY BOWES INC	315
	STAPLES BUSINESS ADVANTAGE	420
	Total	1,275
Personal Computer Software	CDW GOVERNMENT INC	2,898
	Total	2,898
Publications/Subscriptions	DIRECTV	195
	FIFTH THIRD BANK-CORP CARD	236
	JORDAN WINTERS	17
	THOMSON REUTERS-WEST	954
	WOLTERS KLUWER LEGAL & REGULATORY US	614
	Total	2,016
Uniforms	CINTAS CORPORATION	2,797
	UNIFIRST CORPORATION	536
	Total	3,333
	Total Supplies and Materials	61,710
Other Expenses		
Conferences and Seminars	BRIAN GRINNELL	100
	JOEL PRESTON PANGBURN	50
	PUBLIC SECTOR HEALTHCARE ROUNDTABLE	300
	TIFFANY RUFRANO	20
	Total	470
Dues and Licenses	ARMA INTERNATIONAL	195
	ASSOC OF CERTIFIED FRAUD EXAMINERS	195
	BRIAN GRINNELL	1,425
	CASSANDRA M ALDRIDGE	219
	CENTRAL OH ORG OF PUBLIC PURCHASERS	40
	FIFTH THIRD BANK-CORP CARD	179
	HR CERTIFICATION INSTITUTE	169
	INSTITUTE OF CERTIFIED RECORDS MANAGERS	200
	ISACA CENTRAL OHIO CHAPTER	190
	JENNIFER J METZLER	183
	JOEL PRESTON PANGBURN	275
	NATL ASSOC OF STATE RETIREMENT ADMIN	4,400
	NIGP-NATL INST GOVERNMTL PURCHASING	460
	OHIO STATE BAR ASSOCIATION	625
	PHILIP A LICATA	235
	PROJECT MANAGEMENT INSTITUTE	159
	PUBLIC PENSION FINANCIAL FORUM	1,000
	SOCIETY FOR HUMAN RESOURCE MANAGEMENT	100
	SUSAN D YOUNG	183
	SUSAN E RESTREPO	137
	TODD JACOBSON	2,377
	Total	12,946
Miscellaneous	CAPITOL SQUARE REVIEW & ADVISORY BOARD	400
	FIFTH THIRD BANK-CORP CARD	28
	GOVERNMENT FINANCE OFFICERS ASSN	1,265
	MARK MAXWELL	5
	POSTMASTER	81
	STRS OHIO	27
	TL SAVAGE INC	54
	VRC COMPANIES LLC	79
	Total	1,939

<u>ACCOUNT</u>	<u>VENDOR</u>	<u>AMOUNT</u>
Other Board Expense	FIFTH THIRD BANK-CORP CARD	23
	MISCELLANEOUS EXPENSE	140
	Total	163
Other Staff Expense	CHRISSIE L GROSSHOLZ	15
	DORI L DEJARNETTE	15
	ELIZABETH A HOPEWOOD	15
	JENNIFER SMALL	15
	KARLA L SMITH	15
	MISCELLANEOUS EXPENSE	52
	PEGGY A RIPLEY	15
	SUZAN J WALTERS	200
	VANESSA SCHUMM WELCH	252
Total	594	
Training	IW MENTOR	1,260
	MICHAEL A TAYLOR	2,100
	NIGP-NATL INST GOVERNMTL PURCHASING	2,550
	PRAGMATIC WORKS TRAINING INC	395
	SIMCORP USA INC	15,000
	Total	21,305
	Total Other Expenses	37,417
Total Operating Expenses		9,340,724
State of Ohio Expenses	OHIO RETIREMENT STUDY COUNCIL	126,500
	Total State of Ohio Expenses	126,500