



STATE OF MISSOURI JOINT COMMITTEE ON PUBLIC EMPLOYEE RETIREMENT

STATE CAPITOL, ROOM 219-A JEFFERSON CITY, MO 65101 PHONE (573) 751-1280 FAX (573) 526-6459

December 2009

Dear Colleague:

The Joint Committee on Public Employee Retirement (JCPER) respectfully submits its Annual Report for plan year 2008. We hope the information contained in this report will assist in the transparency of the financial and actuarial condition of Missouri's public pension plans.

After recording unprecedented investment gains in plan year 2007, Missouri's public plans joined the rest of the nation in experiencing a significant decline in plan assets due to the downturn in the investment markets in 2008. However, as perpetual entities employing long-term investment strategies, Missouri plans will weather this downturn and continue in their role of providing retirement benefits promised to their membership.

The JCPER will continue to monitor plan experience and address funding policies to assist General Assembly members in their legislative mission.

Sincerel

Representative Ward Franz

Chairman

COMMITTEE MEMBERS

HOUSE MEMBERS

Ward Franz, Chairman
Bert Atkins
Charlie Norr
Charles Schlottach
Jim Viebrock
Patricia Yaeger

SENATE MEMBERS

Jason Crowell, Vice-Chairman Rita Heard Days Timothy P. Green Joseph Keaveny Scott Rupp Delbert Scott

JCPER STAFF

Ronda Stegmann, Executive Director Sheri Menteer, Pension Analyst

TABLE OF CONTENTS

BACKGROUND & RESPONSIBILITIES	
Missouri's Public Employee Retirement Systems	
STATUTORY & INVESTMENT REQUIREMENTS	
FEDERAL & STATE ISSUES	
CONCLUSION	
DEFINED BENEFIT PLANS	1
DEFINED CONTRIBUTION PLANS	7



BACKGROUND

In 1983, during the First Regular Session of the 82nd General Assembly, Missouri lawmakers established the Joint Committee on Public Employee Retirement (JCPER). This action was taken in response to the growing concern regarding the fiscal integrity of Missouri's public employee retirement systems. Prior to this legislative action, there was no centralized reporting agency charged with maintaining information regarding these public plans. This permanent pension review and oversight body consists of six Senators and six Representatives. The JCPER is governed by provisions in Chapter 21 and 105 of the Missouri Revised Statutes (RSMo). These statutes require:

Chapter 21, the committee shall:

- Make a continuing study and analysis of all state and local government retirement systems;
- Devise a standard reporting system to obtain data on each public employee retirement system that will provide information on each system's financial and actuarial status at least biennially;
- Determine from its study and analysis the need for changes in statutory law;
- Make any other recommendations to the General Assembly necessary to provide adequate retirement benefits to state and local government employees within the ability of taxpayers to support their future costs.

Chapter 105, public retirement plans:

- Are to be held in trust and shall not be co-mingled with any other funds;
- Are considered fiduciaries and may invest according to prudent person provisions:
- Shall submit to the JCPER an actuarial cost statement for proposed changes to a plan;
- Shall submit to the JCPER a comprehensive annual financial report within 6 months of a plan's fiscal year end;
- May participate in cooperative agreements providing portability of public employee benefits;
- Shall have an actuarial valuation performed (at least biennially) in compliance with the recommended standards of the Governmental Accounting Standards Board (GASB);
- Shall file proposed rules with the JCPER. Plans not required to file rules with the Secretary of State's office shall submit any proposed rule with the JCPER within 10 days of adoption.

RESPONSIBILITIES

The following is a summary of JCPER responsibilities:

- PERS Annual Reporting Missouri's 125 public employee retirement systems report plan information for analysis including assets, liabilities, benefit levels, membership, investment allocation, advisors, and investment related fees. It is the policy of the JCPER to evaluate a plan from year to year to determine specific trends, i.e., contribution levels, asset levels, etc. It is not our policy to compare one plan against another.
- Assistance to the General Assembly Sixty-nine retirement related bills were monitored through the legislative process in the 2009 session. Nine of those bills passed (with 2 vetoed by the Governor) and were signed into law with seven retirement systems specifically affected by passage of these provisions. (See page 8 for state legislation.)
- Assistance to Local PERS The JCPER continues to provide assistance to local PERS throughout the state. Most notably are the individual plan comparisons and analyses provided for the local political subdivisions. The committee believes this to be one of the most important functions.
- Assistance to Resource Groups With budget challenges and the exit of Boomers from the workforce, the JCPER serves as a resource for information to various commissions and ad hoc committees including the St. Louis Pension Task Force, the Missouri State Government Review Commission, and the State Retirement Advisory Commission. Education and avocation of public employee benefit issues remains central to the JCPER mission.
- Internet Resource JCPER information continues to be available via www.jcper.org.

MISSOURI'S PUBLIC EMPLOYEE RETIREMENT SYSTEMS

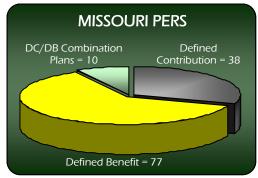
After recording the largest investment gains in 2007 since the inception of JCPER reporting, 2008 and 2009 investment experience presented Missouri public plans, along with the rest of the nation, with unprecedented losses. While it is undeniable that Missouri's plans have sustained a significant decline in asset levels, it is important to remember that these plans are perpetual entities which employ long-term investment strategies to assist in weathering downturns in the investment markets. As is their standard, Missouri public plans remain committed to providing the promised retirement benefits to their membership.

As of December 2009, there were 125 government entities in the state of Missouri providing retirement benefits. A complete listing of Missouri's individual PERS for plan year 2008 can be found in the <u>appendices</u> of this report.

		Active	Non-Active	Assets
PERS	Total # Plans	Members	Members	(in thousands)
				4
Municipalities	51	18,469	16,191	4,527,950
Fire Protection Districts	36	1,463	343	201,596
Hospitals & Health Centers	9	6,030	2,234	243,876
Statewide	8	106,678	75,615	13,943,982
Transit Authorities	6	2,516	1,679	174,416
Public Schools & Universities	5	156,953	109,740	33,872,275
Counties	2	5,408	5,075	484,339
Public Libraries	1	370	280	26,625
Drainage & Levee Districts	1	10		297
Public Water Supply Districts	3	41	1	2,860
Sewer Districts	1	885	728	150,809
Other	2	233	40	22,839
Totals	125	299,056	211,926	53,651,864

DEFINED CONTRIBUTION V. DEFINED BENEFIT There are two common types of public sector retirement plans.

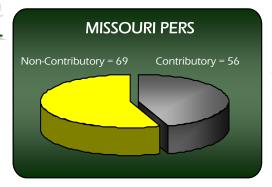
 "Defined Contribution" plan: Consists of employer and/or employee contributions into an individual account with the benefit paid at retirement equaling the accumulated account balance including any investment gains or losses. The Employee bears the investment risk.



2) "Defined Benefit" plan: Consists of employer and/or employee contributions with a benefit paid at retirement equaling a benefit formula "defined" by components such as benefit multiplier (usually 1.5% to 2.5%), final average salary, and/or years of service. This benefit is payable for the member's lifetime and depending on the option chosen, may provide a survivor benefit as well. The Employer bears the investment risk.

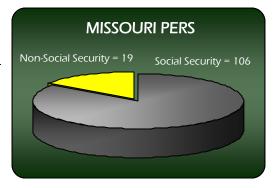
In Missouri, 87 of the 125 public plans represented in this report are covered under a defined benefit structure. Due to the large representation, this report focuses primarily on this plan structure.

When designing a retirement plan, many components must be considered and decisions made regarding several different variables:



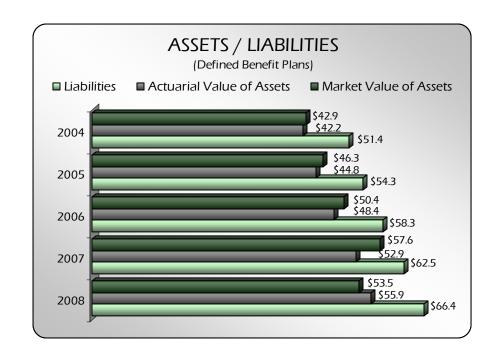
CONTRIBUTORY V. NON-CONTRIBUTORY – Contributory plans require the employee to contribute a portion of earnings to the plan. The contribution varies for each plan and may be tied to statutory provisions. Non-Contributory plans do not require an employee contribution.

SOCIAL SECURITY V. NON-SOCIAL SECURITY - Social Security participation for the majority of Missouri's public employees is required, however, certain teacher and public safety personnel opted out of Social Security participation in 1956. There are currently 19 non-Social Security covered plans comprised of over 84,000 active and over 47,000 retired members. Non-Social Security covered plans typically provide a higher benefit formula and most often have earlier age and service requirements for retirement.



FUNDING OF MISSOURI'S PERS

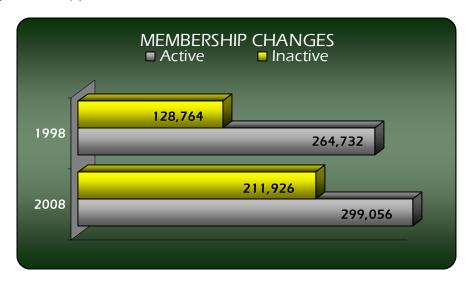
The JCPER maintains plan data which enables trend data to be produced for Missouri's plans. As an example, the chart below displays asset and liability trend data over the five year period from 2004 to 2008. One key component of this chart can be noted with the progression of the actuarial value of assets. The actuarial value of assets utilizes, among other criteria, a smoothing period of investment gains and losses. This period is typically from 3 to 5 years and assists in reducing volatility in asset values and corresponding contribution requirements.





A DECADE OF CHANGE

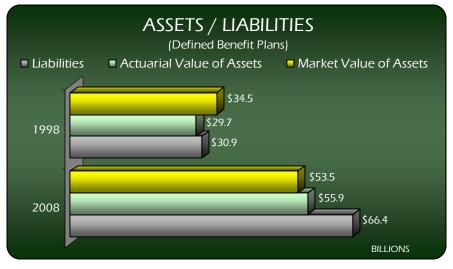
In producing this 2010 annual report, a comparison of plan information from the JCPER 2000 annual report has been provided which outlines plan data and demographic changes during the past decade. Following the robust investment markets of the 1990's, Missouri's public plans, as the rest of the nation, encountered two significant investment market downturns during this decade. The following charts provide both 2000 annual report (plan year 1998) and 2010 annual report (plan year 2008) plan data.



As noted in the above chart, active members grew over 13% in 10 years and inactive members grew over 64% in the same time period. As more Boomers exit the workforce and public employers face budgetary challenges, the inactive membership numbers will continue to increase dramatically compared to active membership growth.

For plan year 1998, the JCPER monitored 111 public plans with 77 defined benefit plans, 32 defined contribution plans and 2 DB/DC combination plans included in this total. In 2008, the total plans reviewed equaled 125 with 77 defined benefit plans, 38 defined contribution plans and 10 DB/DC combination plans included.

It is clear that plan assets have grown substantially since 1998. In plan year 1998, total market value of assets equaled in excess of \$34 billion compared to 2008's total of over \$53 billion.



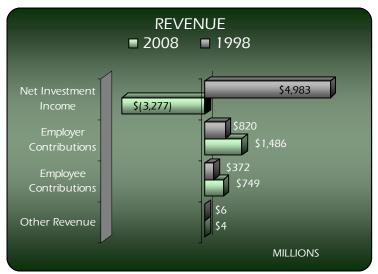
JOINT COMMITTEE ON PUBLIC EMPLOYEE RETIREMENT -4-





Funded ratios, in the aggregate, for these plans equaled 111% and 96% on a market value and actuarial value respectively, compared to 2008 funded ratios of 81% and 84%.

Along with increased plan asset and liability values, the plan revenue and expense streams increased as well.





As displayed, Missouri's public pension plans have grown significantly in the past decade in both plan revenue and expense. As these plans have matured, benefit payments have almost tripled from just over \$1 billion in 1998 to in excess of \$3.1 in 2008, which is reflective of the growth in the inactive membership, previously noted.

CONTRIBUTION RATES

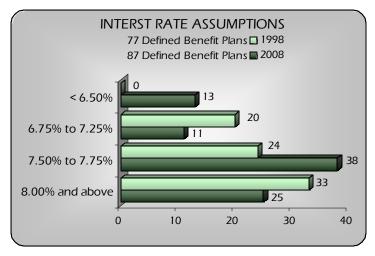
The number one obligation of PERS is to pay all of the benefits promised. A plan's ability to achieve this goal is the ultimate test of fiscal soundness. To this end, plans must receive annual employer contributions at a level recommended by the plan's actuary. A trend emerged in 2002 with sponsors facing an inability to meet the minimum required contribution payments which continued into 2008 with 22 plans failing to meet the full required contribution. As plans recognize 2008 and 2009 investment losses, annual plan contribution rates are expected to increase for several years. These increases may apply additional pressure to political subdivisions already facing budgetary constraints.

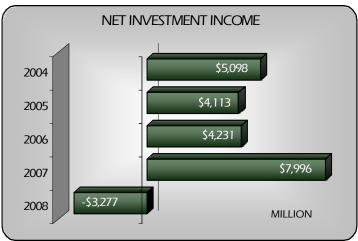
INVESTMENT RATES OF RETURN

With the market boom of the 1990s, many plans reevaluated their investment strategies and moved away from conservative investment allocations into more moderate investments. Because of the positive investment returns, many plans also increased their assumed rates of return to reflect the plan experience.

Beginning in Plan Year 2000, plans started to experience negative investment returns that fell significantly short of assumptions. The negative trend continued for 3 plan years which caused many boards to reevaluate their assumed rates of return.

The chart below compares investment rate of return assumptions utilized by plans in 1998 and 2008. As previously mentioned, 77 defined benefit plans were monitored in 1998 as opposed to 87 in 2008. Keeping those numbers in mind, it is important to note that in 1998 the lowest rate of return assumption reported was 7% however, for plan year 2008, there were 13 plans with assumptions below 7%. After five consecutive years of positive investment experience, Missouri's public plans, in the aggregate, realized net investment losses in excess of negative \$3.2 billion. This loss was encountered after a record net investment income in excess of \$7.9 billion for plan year 2007.





STATUTORY INVESTMENT REQUIREMENTS

<u>Chapter 105</u>, which governs Missouri's public pension plans, contains provisions relative to plan investments and fiduciary responsibilities of plan boards. Specifically, <u>Section 105.688</u> outlines the "Prudent Person Rule" which requires plan fiduciaries to "discharge his or her duties in the interest of the participants in the system and their beneficiaries and shall act with the same care, skill, prudence, and diligence under the circumstances then prevailing that a prudent person acting in a similar capacity and familiar with those matters would use in the conduct of a similar enterprise with similar aims."



Given income derived from investments is the driving force behind plan revenue, it is crucial that fiduciaries develop and review investment policies and strategies. Each individual plan Board of Trustees sets its investment policy based on the fiduciary standards mentioned above. The chart to the left outlines plan year 2008 asset allocation utilized by Missouri's public plans.



FEDERAL ISSUES

The 111th Congress has faced unprecedented issues on many fronts including financial institutions, markets and regulatory concerns as well as long-term challenges such as Medicare and Social Security. While many pension related proposals have been introduced, movement of such bills has been slow. The JCPER will continue to analyze Federal proposals for any effect on Missouri's public pension plans.

Issues that have faced Missouri's plans in 2009 include the <u>IRS 2007 pronouncement</u> associated with the defining "normal" retirement age for a pension plan. Under the IRS regulations, the normal retirement age can't be earlier than what is typical for the employer's industry. For most plans, a normal retirement age that falls between ages 55 and 62 would meet the IRS regulations. Additionally, an exception has been made for public safety personnel with an acceptable age being 50 or later. An <u>October 2009 IRS notice</u> indicated public plan sponsors will have until January 1, 2013 to comply with the new rules (as opposed to the previous January 1, 2011 deadline). This extension allows the IRS to consider public plan sponsor comments associated with the impact of the regulations.

GASB OPEB REPORTING

In 2004, the Government Accounting Standards Board [GASB] released Statement No. 45 – Accounting and Financial Reporting by Employers for Post-employment Benefits Other than Pensions (OPEBs). OPEBs are post-employment benefits other than pensions such as health insurance, dental, vision, prescription or other health benefits, and benefits such as life insurance, disability, and long-term care. The timeline associated with implementation of the statement has come to completion and all political subdivisions will now begin reporting OPEB liabilities. Nationally, state and local government OPEB liabilities are estimated to be close to \$1 trillion.

Since 1998, JCPER staff has tracked post-employment health care benefits for Missouri's retirement plans. Post-employment health care coverage is offered in 44 plans. Of these, 27 plans provide spousal and dependent coverage with the remaining 17 plans providing coverage to the retiree only. Thirty-three political subdivisions subsidize post-employment health care benefits through a premium subsidy or a flat dollar amount. These entities providing a retiree health care subsidy are now required to report the associated OPEB liability according to GASB.

STATE ISSUES

During the 2009 Missouri Legislative session, <u>69 pension-related bills</u> were offered and evaluated by the JCPER. In total, 9 of these bills were Truly Agreed to and Finally Passed by the General Assembly. Of those passed, the Governor vetoed 2 bills.

Seven pension systems were directly affected by the passage of these provisions. Provisions passed and the systems affected can be found on the following page.



2009 LEGISLATION

MILITARY PENSIONS

House Bill 82

• Authorizes an income tax credit for military retirement benefits.

MISSOURI STATE EMPLOYEES' RETIREMENT SYSTEM & MODOT & PATROL EMPLOYEES' RETIREMENT SYSTEM

House Bill 210

 Allows contributions to the state employees' charitable campaign to be withheld from a retiree's monthly annuity, upon request in writing.

MUNICIPAL POLICE & FIRE PENSION PLANS

Senate Bill 161 & House Bill 593

 Removes certain insurance investment restrictions relative to municipal police and fire retirement plans

POLICE RETIREMENT SYSTEM OF THE CITY OF ST. LOUIS, KANSAS CITY POLICE RETIREMENT SYSTEM, & KANSAS CITY CIVILIAN POLICE EMPLOYEES' RETIREMENT SYSTEM House Bill 397

- Modifies disability retirement provisions (St. Louis Police)
- Clarifies provisions relative to reserve police officers (St. Louis Police)
- Allows certain members to receive a minimum monthly benefit of \$600 (KC Police)

PUBLIC SAFETY EMPLOYEES

House Bill 580

• Authorizes a Line of Duty Compensation Act for public safety workers killed in the line of duty.

PUBLIC SCHOOL RETIREMENT SYSTEM / PUBLIC EDUCATION EMPLOYEES' RETIREMENT SYSTEM

House Bill 265

 Clean up provisions, including allowing the comingling of PSRS and PEERS funds for investment purposes only, allow indemnification of PSRS/PEERS Board of Trustee members, and prohibit nonprofit educational association/organization employees hired after 06/30/10 from PSRS or PEERS membership.

Several provisions related to retirement were offered and ultimately did not pass. These provisions may be issues brought before the Missouri General Assembly during the 2010 legislation session and include:

- Modifying the definition of compensation
- Modifying contribution structures
- Modifying Board structures
- Modifying service accruals
- Retirement Incentives
- Authorization of a Joint Interim Legislative Committee to examine system(s)



CONCLUSION

The Joint Committee was established in 1983 in response to concerns addressed by the State Auditor's Office and the National Conference of State Legislatures Task Force on Public Pensions. Since that time, public pension plans have experienced an evolution of legislative, regulatory, financial and accounting requirements, and guidelines which have resulted in greater transparency of public pension plans. Sound policy recommendations have been adopted which include investment policies, board governance, and trustee education. Despite negative media attention tied primarily to public pensions, Missouri's plans and sponsors remain committed to delivering the benefits promised to their memberships. The JCPER will continue in its role of analysis and reporting plan status as well as providing assistance to Missouri's plans and the General Assembly.

A LOOK AHEAD

Preliminary plan year 2009 indicates Missouri's public plans were dramatically affected by the downturn in the investment markets. Of the 9 plans reporting net investment income for plan year 2009, these plans have experienced losses in excess of -\$8 billion. These losses will be recognized during the respective plan's smoothing period and can be expected to affect plan status and contribution requirements for the next several years.



DEFINED BENEFIT PLANS

It should be noted that data included in these appendices reflect PERS information from plan year 2008



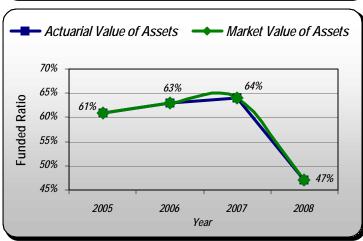
DEFINED BENEFIT PLAN INDEX

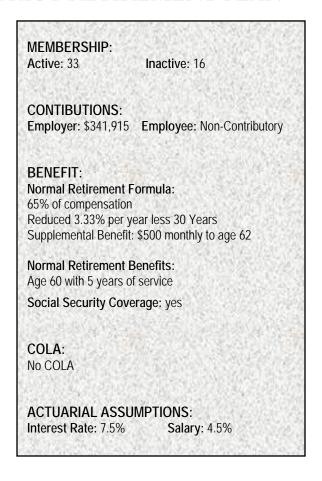
AFFTON FIRE PROTECTION DISTRICT RETIREMENT PLAN	13
Antonia Fire Protection District Pension Plan	13
Arnold Police Pension Plan	14
BERKELEY POLICE & FIRE PENSION FUND	
BI-STATE DEVELOPMENT AGENCY DIVISION 788, A.T.U	
BI-STATE DEVELOPMENT AGENCY LOCAL 2 I.B.E.W	
BI-STATE DEVELOPMENT AGENCY DIV 788, CLERICAL UNIT A.T.U	
BI-STATE DEVELOPMENT AGENCY SALRIED EMPLOYEES	16
BLACK JACK FIRE PROTECTION DISTRICT RETIREMENT PLAN	
BOTHWELL REGIONAL HEALTH CENTER RETIREMENT PLAN	17
Brentwood Police & Firemen Retirement Fund	
BRIDGETON EMPLOYEES RETIREMENT PLAN	
CARTHAGE POLICEMEN'S & FIREMEN'S PENSION PLAN	
CEDAR HILL FIRE PROTECTION DIST LENGTH OF SERVICE PROGRAM .	
CLAYTON NON-UNIFORMED EMPLOYEE PENSION PLAN	
CLAYTON UNIFORMED EMPLOYEES PENSION PLAN	
Columbia Firemens' Retirement Plan	
Columbia Police Retirement Plan	
County Employees Retirement Fund	
Creve Coeur Employees Retirement Plan	
CREVE COEUR FIRE PROTECTION DISTRICT RETIREMENT PLAN	
EUREKA FIRE PROTECTION DISTRICT RETIREMENT PLAN	
FENTON FIRE PROTECTION DISTRICT RETIREMENT PLAN	
FERGUSON PENSION PLAN	
FLORISSANT EMPLOYEES PENSION PLAN	
FLORISSANT VALLEY FIRE PROTECTION DISTRICT RETIREMENT PLAN	
GLENDALE PENSION PLAN	
HANNIBAL POLICE & FIRE RETIREMENT PLAN	
HAZELWOOD RETIREMENT PLAN	
HIGH RIDGE FIRE PROTECTION DISTRICT PENSION PLAN	
JACKSON COUNTY EMPLOYEES PENSION PLAN	
JEFFERSON CITY FIREMEN'S RETIREMENT SYSTEM	
JENNINGS POLICE & FIREMEN'S RETIREMENT FUND	
JOPLIN POLICE & FIRE PENSION PLAN	
JUDICIAL RETIREMENT PLAN	
KANSAS CITY CIVILIAN POLICE EMPLOYEES' RETIREMENT SYSTEM	
KANSAS CITY EMPLOYEES RETIREMENT SYSTEM	
KANSAS CITY FIREFIGHTER'S PENSION SYSTEM	
Kansas City Police Retirement System	
Kansas City Public School Retirement System	
KANSAS CITY OBLIC SCHOOL RETIREMENT STSTEM	
KANSAS CITY A.T.A. UNION EMPLOYEES PENSION PLAN	
LADUE NON-UNIFORMED EMPLOYEES RETIREMENT PLAN	
LADUE POLICE & FIRE PENSION PLAN	
E 1991 TOLICE & TIKE TENSION TEAN	

Lagers Staff Retirement Plan	
LITTLE RIVER DRAINAGE DISTRICT RETIREMENT PLAN	
LOCAL GOVERNMENT EMPLOYEES RETIREMENT SYSTEM	
Maplewood Police & Fire Retirement Fund	36
Mehlville Fire Protection District Retirement Plan	
METRO ST. LOUIS SEWER DISTRICT EMPLOYEES RETIREMENT PLAN	
Metro West Fire Protection District Retirement Plan	
MID-COUNTY FIRE PROTECTION DISTRICT RETIREMENT PLAN	
Missouri Higher Education Loan Authority Pension Plan	
Missouri State Employees Retirement System	39
MODOT & HIGHWAY PATROL EMPLOYEES' RETIREMENT SYSTEM	
Monarch Fire Protection District Retirement Plan	
North Kansas City Hospital Retirement Plan	
North Kansas City Police & Fire Retirement Fund	
OLIVETTE SALARIED EMPLOYEES' RETIREMENT PLAN	
Overland Non-Uniformed Pension Fund	42
Overland Police Retirement Fund	43
PATTONVILLE-BRIDGETON FIRE PROTECTION DIST RETIREMENT PLAN.	43
Poplar Bluff Police & Fire Pension Plan	
Prosecuting Attorneys' & Circuit Attorneys' Retire System	
Public Education Employees' Retirement System	
Public School Retirement System	
RAYTOWN POLICEMEN'S RETIREMENT FUND	
RICHMOND HEIGHTS POLICE & FIRE RETIREMENT PLAN	
ROCK COMMUNITY FIRE PROTECTION DISTRICT RETIREMENT PLAN	
ROCK HILL POLICE & FIRE PENSION PLAN	
Sedalia Firemen's Retirement Fund	
SEDALIA POLICE RETIREMENT FUND	
Sheriff's Retirement System	
Springdale Fire Protection District Retirement System	
Springfield Police & Fire Retirement Fund	
St. Joseph Policemen's Pension Fund	50
St. Louis County Employees Retirement Plan	
St. Louis County Libraray District Employees' Pension Plan	
St. Louis Employees Retirement System	
St. Louis Firemen's Retirement System	
St. Louis Police Retirement System	53
St. Louis Public School Retirement System	
University City Non-Uniformed Retirement Plan	
University City Police & Fire Retirement Fund	
Univ of MO Retirement, Disability, & Death Benefit Plan	
VALLEY PARK FIRE PROTECTION DISTRICT RETIREMENT PLAN	
West Overland Fire Protection District Retirement Plan	56

AFFTON FIRE PROTECTION DISTRICT RETIREMENT PLAN



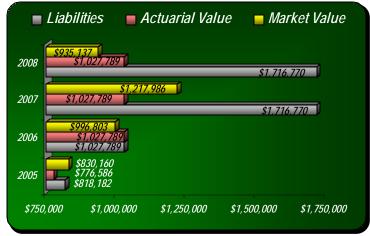


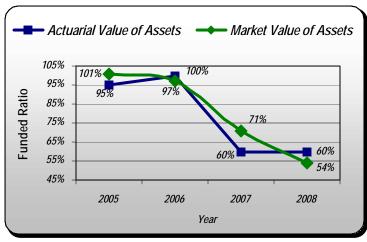


ANTONIA FIRE PROTECTION DISTRICT PENSION PLAN

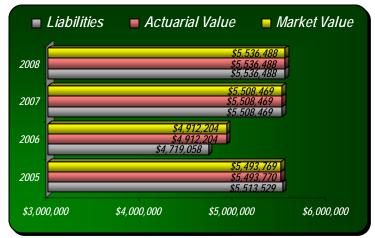
MEMBERSHIP: Inactive: 0 Active: 20 **CONTIBUTIONS:** Employer: \$78,806 Employee: Non-Contributory **BENEFIT:** Normal Retirement Formula: 2.25% of compensation for first 24 years of service, plus 1% for next 6 years of service **Normal Retirement Benefits:** Age 55 or 30 years of service Social Security Coverage: yes COLA: No COLA **ACTUARIAL ASSUMPTIONS:** Interest Rate: 7% Salary: 4%

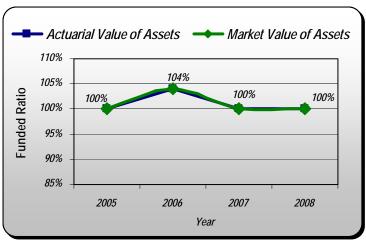
JOINT COMMITTEE ON PUBLIC EMPLOYEE RETIREMENT -13-

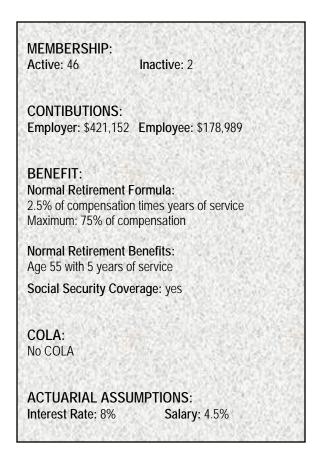




ARNOLD POLICE PENSION PLAN





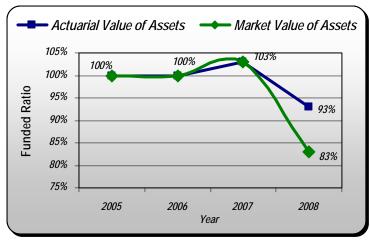


BERKELEY POLICE & FIRE PENSION FUND

MEMBERSHIP: Active: 66 Inactive: 49 **CONTIBUTIONS:** Employee: \$196,991 Employer: \$221,851 BENEFIT: Normal Retirement Formula: 50% of compensation for the first 20 years of service, plus 1% for next 5 years of service Maximum: 55% of compensation Normal Retirement Benefits: Age 55 with 10 years of service Social Security Coverage: yes COLA: Annual Maximum Amount: 3% 'Cap' Total Maximum: 50% Percent of CPI: 50% **ACTUARIAL ASSUMPTIONS:** Interest Rate: 7.5% Salary: 4%

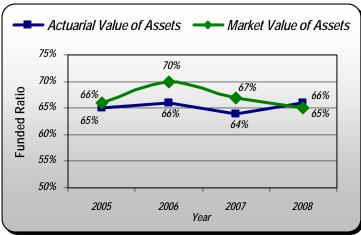
JOINT COMMITTEE ON
PUBLIC EMPLOYEE RETIREMENT -14-

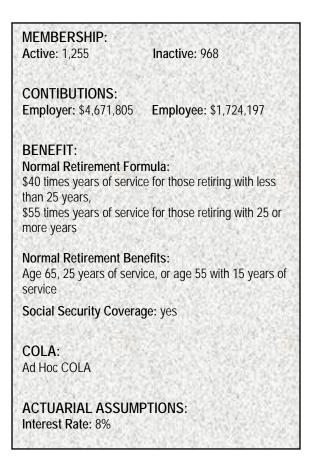




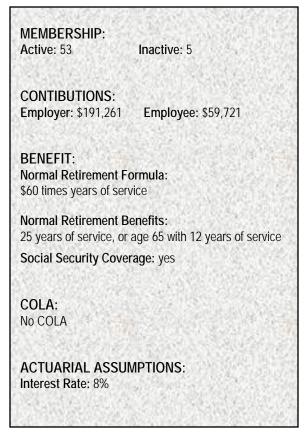
BI-STATE DEVELOPMENT AGENCY DIV. 788, A.T.U.





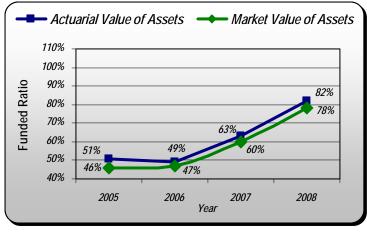


BI-STATE DEVELOPMENT AGENCY LOCAL 2 I.B.E.W.

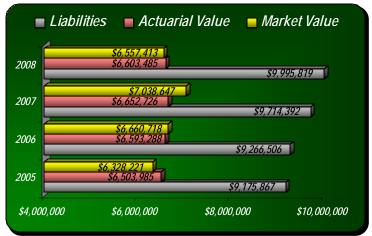


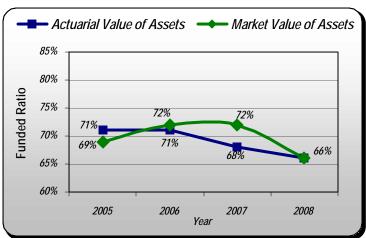
JOINT COMMITTEE ON PUBLIC EMPLOYEE RETIREMENT -15-

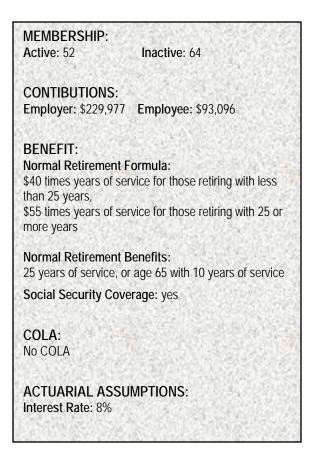




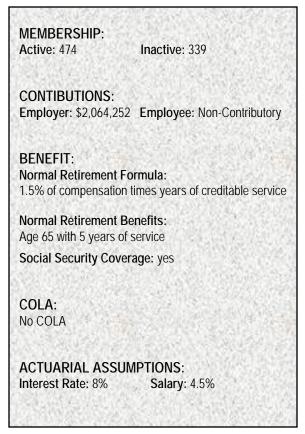
BI-STATE DEVELOPMENT AGENCY DIV. 788 CLERICAL UNIT ATU



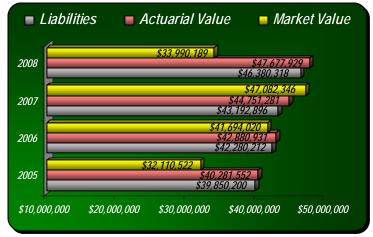


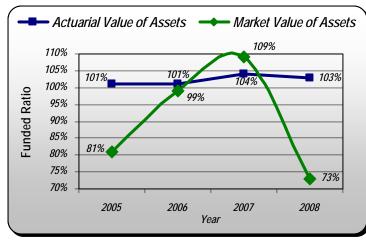


BI-STATE DEVELOPMENT AGENCY SALARIED EMPLOYEES



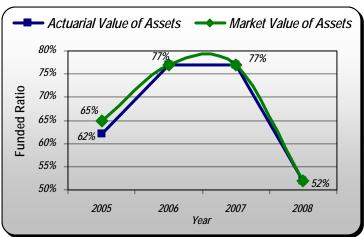
JOINT COMMITTEE ON PUBLIC EMPLOYEE RETIREMENT -16-

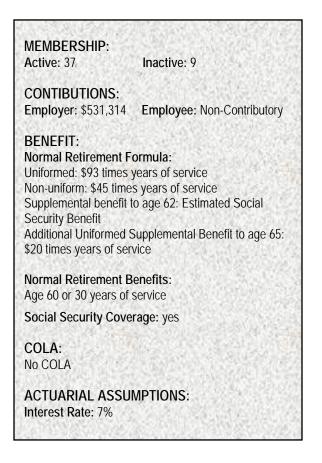




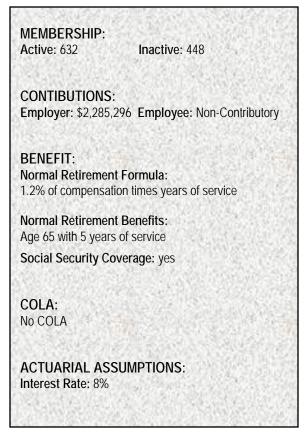
BLACK JACK FIRE PROTECTION DISTRICT RETIREMENT PLAN



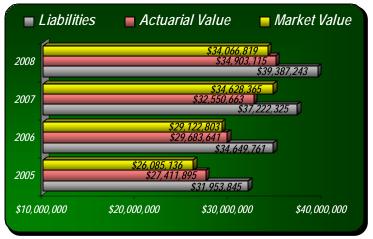


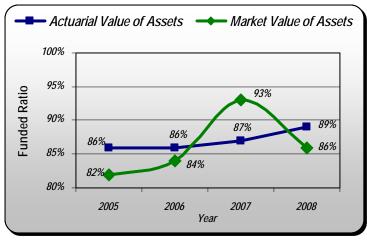


BOTHWELL REGIONAL HEALTH CENTER RETIREMENT PLAN



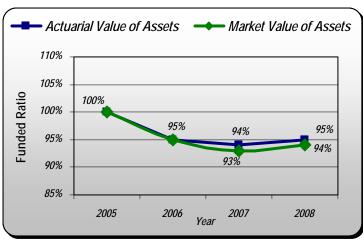
JOINT COMMITTEE ON PUBLIC EMPLOYEE RETIREMENT -17-

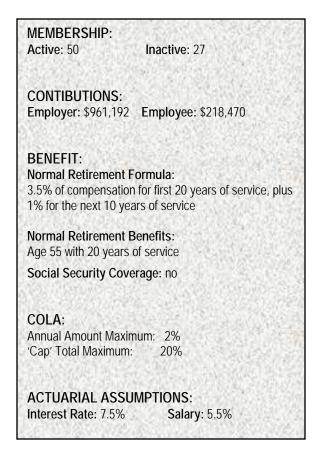




BRENTWOOD POLICE & FIREMEN RETIREMENT FUND





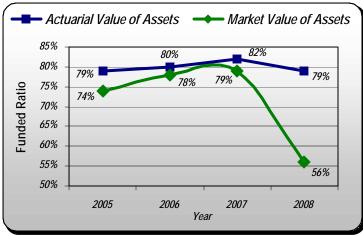


BRIDGETON EMPLOYEES RETIREMENT PLAN

MEMBERSHIP: Active: 135 Inactive: 119 **CONTIBUTIONS:** Employer: \$971,000 Employee: Non-Contributory **BENEFIT:** Normal Retirement Formula: 2% of compensation times years of service Normal Retirement Benefits: Age 60 with 5 years of service Social Security Coverage: yes COLA: No COLA **ACTUARIAL ASSUMPTIONS:** Interest Rate: 7.5% **Salary**: 4.5%

JOINT COMMITTEE ON PUBLIC EMPLOYEE RETIREMENT -18-

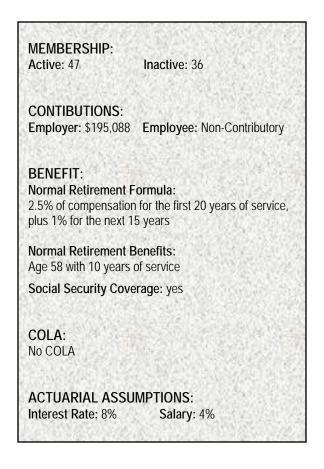




CARTHAGE POLICEMEN'S & FIREMEN'S PENSION PLAN



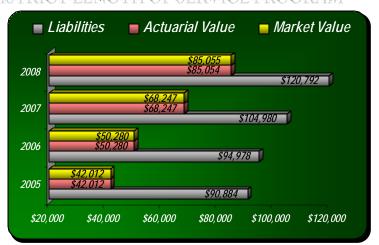


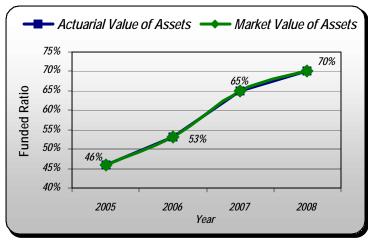


CEDAR HILL FIRE PROTECTION DISTRICT LENGTH OF SERVICE PROGRAM

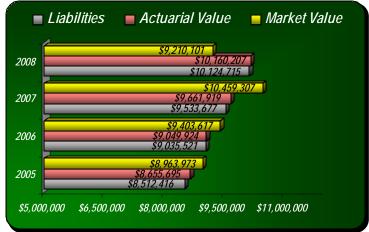
MEMBERSHIP: Active: 16 Inactive: 9 **CONTIBUTIONS:** Employer: \$19,811 Employee: Non-Contributory BENEFIT: Normal Retirement Formula: \$15 per month times years of service Maximum: \$450 per month 10 year life annuity Normal Retirement Benefits: Age 65 with 5 years of service Social Security Coverage: yes COLA: No COLA **ACTUARIAL ASSUMPTIONS:** Interest Rate: 4.75%

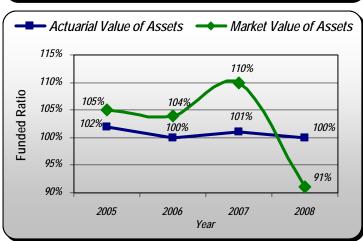
JOINT COMMITTEE ON PUBLIC EMPLOYEE RETIREMENT -19-

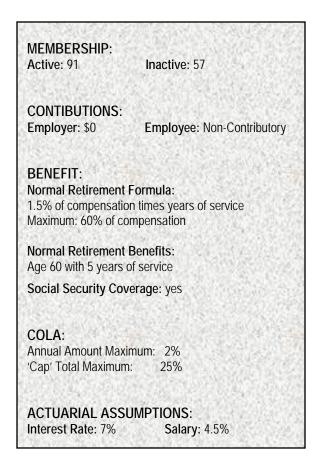




CLAYTON NON-UNIFORMED EMPLOYEE PENSION PLAN



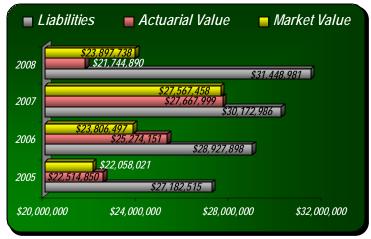


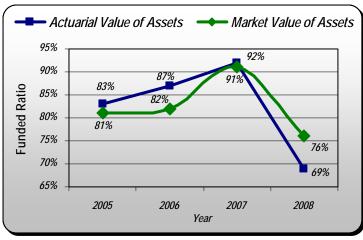


CLAYTON UNIFORMED EMPLOYEES PENSION PLAN

MEMBERSHIP: Active: 87 Inactive: 57 **CONTIBUTIONS:** Employer: \$733,009 Employee: \$227,153 **BENEFIT:** Normal Retirement Formula: 2% of compensation times years of service Maximum: 60% of compensation **Normal Retirement Benefits:** Age 55 with 10 years of service, age 50 with 25 years of service, or age 65 with 5 years of service Social Security Coverage: yes COLA: Annual Amount Maximum: 2% 'Cap' Total Maximum: **ACTUARIAL ASSUMPTIONS:** Interest Rate: 7% **Salary**: 3.5%

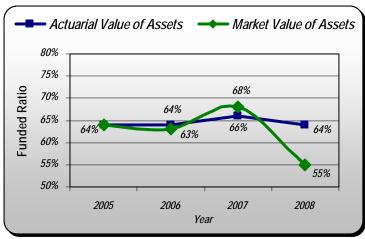
JOINT COMMITTEE ON PUBLIC EMPLOYEE RETIREMENT -20-

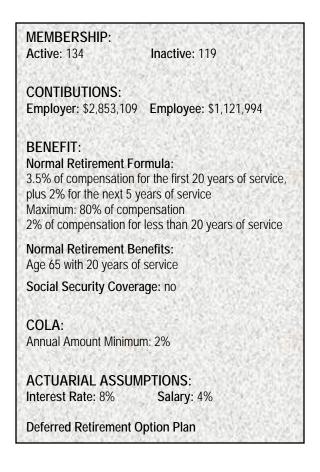




COLUMBIA FIREMENS' RETIREMENT PLAN





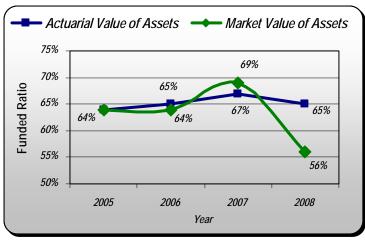


COLUMBIA POLICE RETIREMENT PLAN

MEMBERSHIP: Active: 152 Inactive: 114 **CONTIBUTIONS:** Employer: \$2,520,373 Employee: \$288,991 **BENEFIT:** Normal Retirement Formula: 3% of compensation for the first 20 years of service, plus 2% for the next 5 years of service Maximum: 70% of compensation **Normal Retirement Benefits:** 20 years of service, Age 65 with 1 year of service Social Security Coverage: yes COLA: Annual Amount Minimum: .6% **ACTUARIAL ASSUMPTIONS:** Interest Rate: 8% Salary: 4% **Deferred Retirement Option Plan**

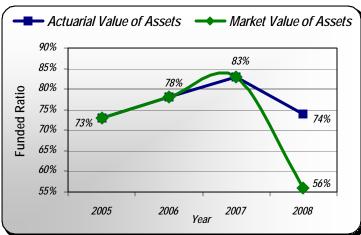
JOINT COMMITTEE ON PUBLIC EMPLOYEE RETIREMENT -21-

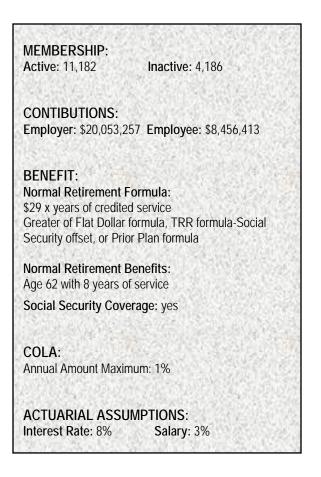




COUNTY EMPLOYEES RETIREMENT FUND



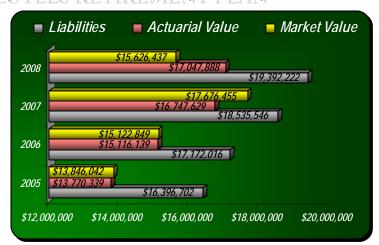


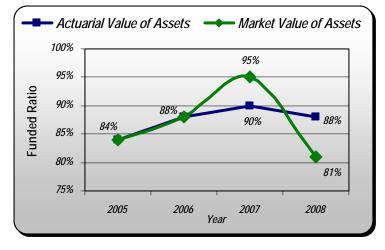


CREVE COEUR EMPLOYEES RETIREMENT PLAN

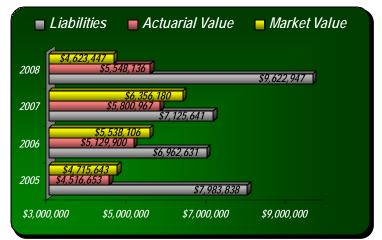
MEMBERSHIP: Active: 87 Inactive: 76 CONTIBUTIONS: Employer: \$642,000 **Employee:** Non-Contributory BENEFIT: Normal Retirement Formula: 2% of compensation times years of service OR 1.7% of compensation times years of service plus 3% employer contribution to defined contribution plan Maximum: 30 years of service **Normal Retirement Benefits:** Age 65 with 8 years of service, Rule of 85 Uniformed: Age 55 Social Security Coverage: yes COLA: Ad Hoc COLA **ACTUARIAL ASSUMPTIONS:** Interest Rate: 8% **Salary**: 5.5% **Deferred Retirement Option Plan Defined Contribution Plan** See corresponding information in defined contribution section

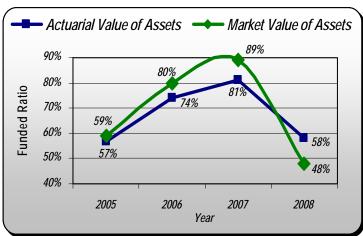
JOINT COMMITTEE ON PUBLIC EMPLOYEE RETIREMENT -22-

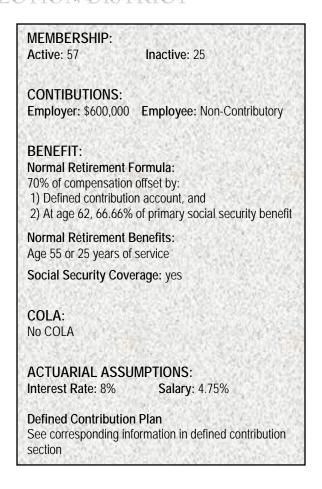




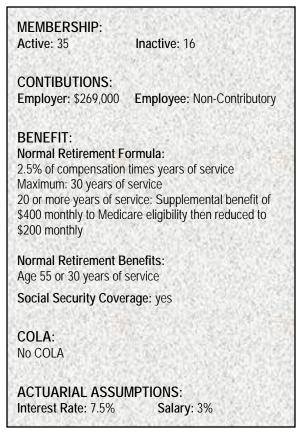
CREVE COEUR FIRE PROTECTION DISTRICT



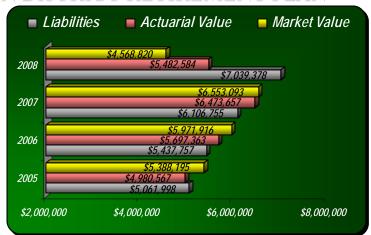


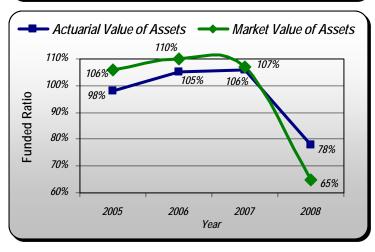


EUREKA FIRE PROTECTION DISTRICT RETIREMENT PLAN

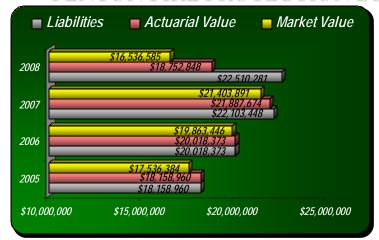


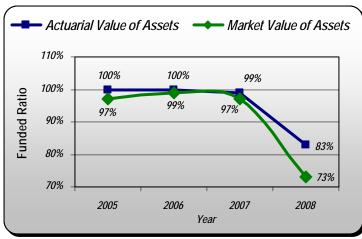
JOINT COMMITTEE ON PUBLIC EMPLOYEE RETIREMENT -23-

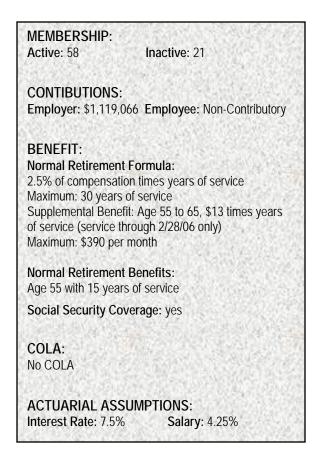




FENTON FIRE PROTECTION DISTRICT RETIREMENT PLAN





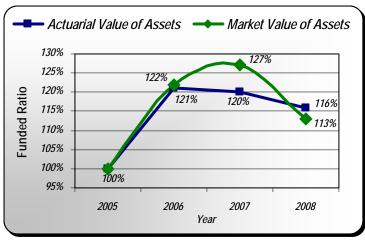


FERGUSON PENSION PLAN

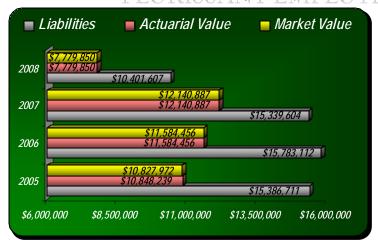
MEMBERSHIP: Active: 132 Inactive: 101 **CONTIBUTIONS:** Employee: Non-Contributory Employer: \$7,075 BENEFIT: Normal Retirement Formula: 1.75% of compensation times years of service Supplemental Benefit: \$5 times years of service to medicare eligibility Maximum: \$150 monthly Normal Retirement Benefits: Age 60 with 8 years of service Social Security Coverage: yes COLA: No COLA **ACTUARIAL ASSUMPTIONS:** Interest Rate: 7.5% Salary: 4%

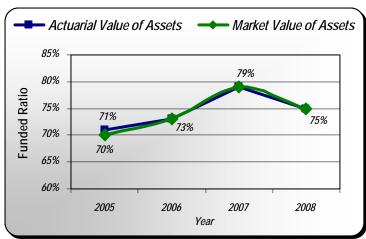
JOINT COMMITTEE ON PUBLIC EMPLOYEE RETIREMENT -24-

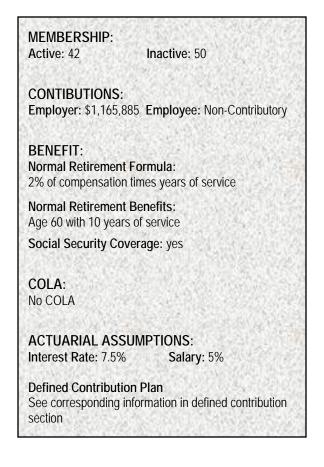




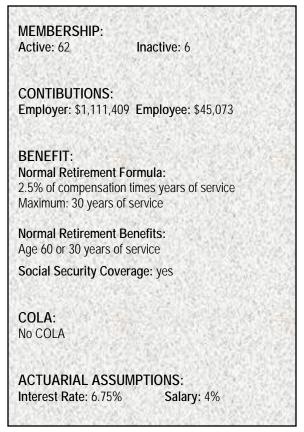
FLORISSANT EMPLOYEES PENSION PLAN





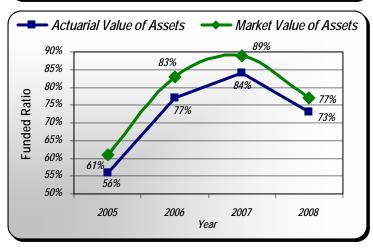


FLORISSANT VALLEY FIRE PROTECTION DISTRICT RETIREMENT PLAN

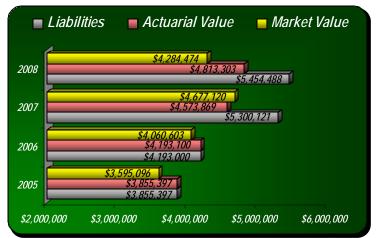


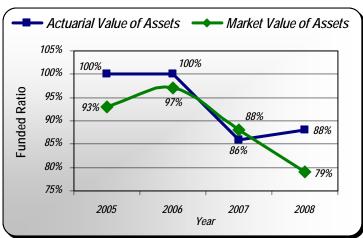
JOINT COMMITTEE ON PUBLIC EMPLOYEE RETIREMENT -25-

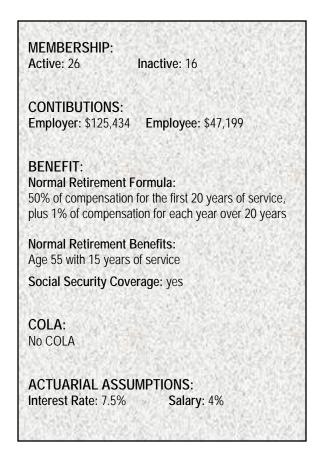




GLENDALE PENSION PLAN



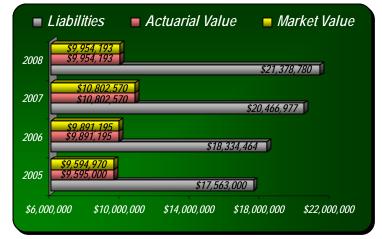


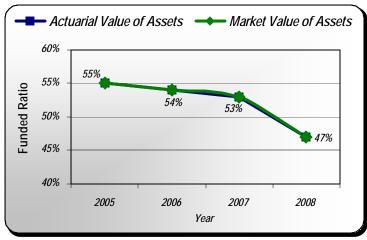


HANNIBAL POLICE & FIRE RETIREMENT PLAN

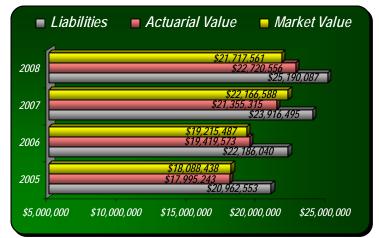
MEMBERSHIP: Active: 72 Inactive: 66 **CONTIBUTIONS:** Employer: \$678,725 Employee: \$279,360 BENEFIT: Normal Retirement Formula: 65% of compensation for the first 25 years of service, plus 1% for each year in excess of 25 years Maximum: 70% of compensation Normal Retirement Benefits: 25 years of service, age 55 if hired on/after 7/1/07 Social Security Coverage: no COLA: Annual Amount Maximum: 3% Percent of CPI: 100% **ACTUARIAL ASSUMPTIONS:** Interest Rate: 7.5% Salary: 4%

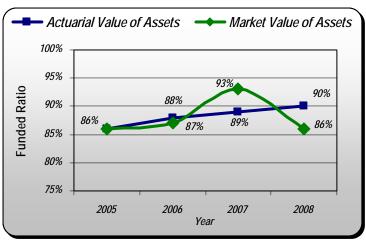
JOINT COMMITTEE ON PUBLIC EMPLOYEE RETIREMENT -26-

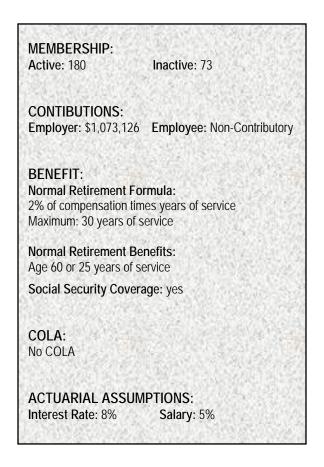




HAZELWOOD RETIREMENT PLAN





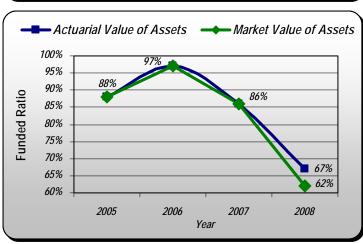


HIGH RIDGE FIRE PROTECTION DISTRICT PENSION PLAN

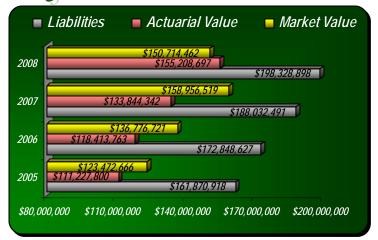
MEMBERSHIP: Active: 35 Inactive: 2 **CONTIBUTIONS:** Employer: \$228,278 Employee: \$0 BENEFIT: Normal Retirement Formula: \$100 times years of credited service Normal Retirement Benefits: Age 55 Social Security Coverage: yes COLA: No COLA **ACTUARIAL ASSUMPTIONS:** Interest Rate: 7.5% **Defined Contribution Plan** See corresponding information in defined contribution section

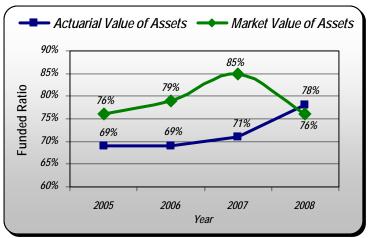
JOINT COMMITTEE ON PUBLIC EMPLOYEE RETIREMENT -27-

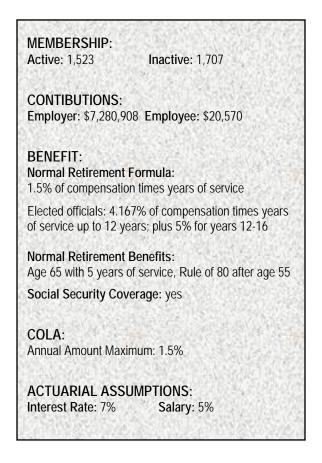




JACKSON COUNTY EMPLOYEES PENSION PLAN



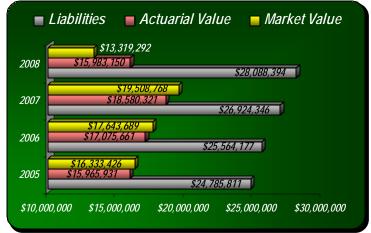


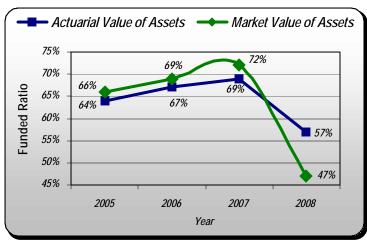


JEFFERSON CITY FIREMEN'S RETIREMENT SYSTEM

MEMBERSHIP: Active: 74 Inactive: 58 **CONTIBUTIONS:** Employer: \$903,296 Employee: \$145,727 BENEFIT: Normal Retirement Formula: 2.5% of compensation times years of service **Normal Retirement Benefits:** Age 55 or 24 years of service, Rule of 80 Social Security Coverage: no COLA: Annual Amount Minimum: 2% Annual Amount Maximum: 2% **ACTUARIAL ASSUMPTIONS:** Interest Rate: 7.5% Salary: 4%

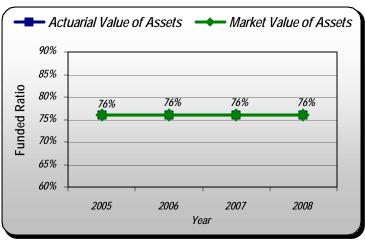
JOINT COMMITTEE ON PUBLIC EMPLOYEE RETIREMENT -28-

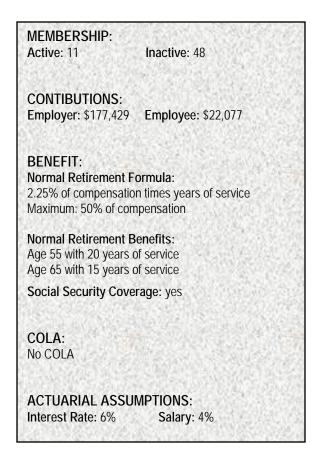




JENNINGS POLICE & FIREMEN'S RETIREMENT FUND



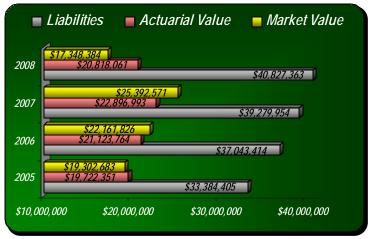


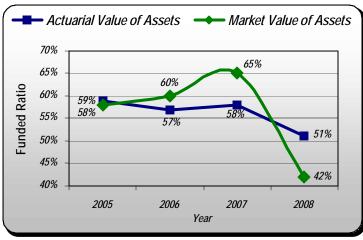


JOPLIN POLICE & FIRE PENSION PLAN

MEMBERSHIP: Active: 165 Inactive: 134 **CONTIBUTIONS:** Employer: \$1,201,804 Employee: \$1,260,091 BENEFIT: Normal Retirement Formula: 2.5% of compensation for the first 20 years of service, plus 1% for each of the next 15 years Maximum: 65% of compensation Normal Retirement Benefits: 20 years of service, Age 60 with 1 year of service Social Security Coverage: no COLA: No COLA **ACTUARIAL ASSUMPTIONS:** Interest Rate: 7% Salary: 3%

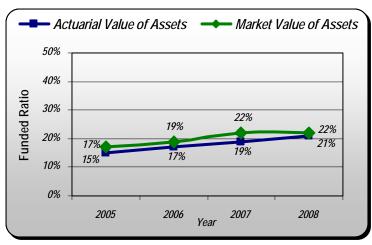
JOINT COMMITTEE ON PUBLIC EMPLOYEE RETIREMENT -29-

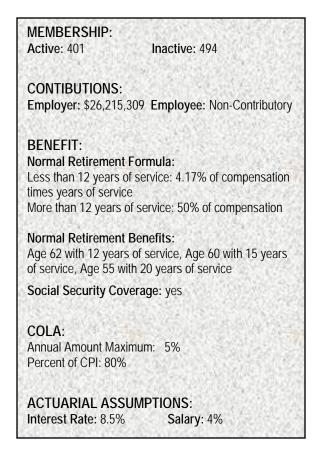




JUDICIAL RETIREMENT PLAN



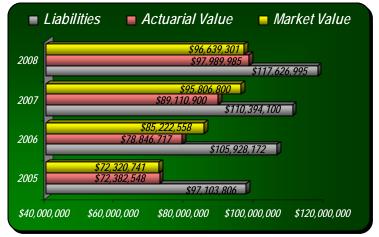


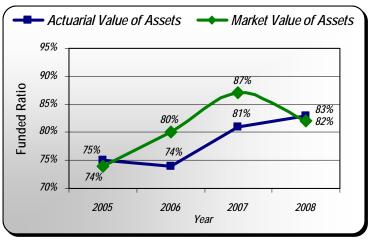


KANSAS CITY CIVILIAN POLICE EMPLOYEES' RETIREMENT SYSTEM

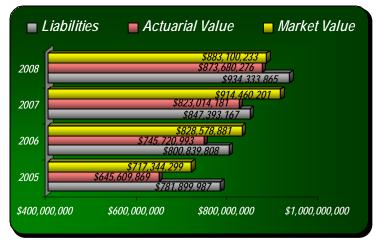
MEMBERSHIP: Active: 630 Inactive: 172 **CONTIBUTIONS:** Employer: \$3,372,411 Employee: \$1,285,869 BENEFIT: Normal Retirement Formula: 2% of compensation times years of service Maximum: 70% of compensation Supplemental Benefit: \$160 per month for those retiring after 8/28/07 with more than 15 years of service **Normal Retirement Benefits:** Later of age 65 or 10 years of service; Rule of 80 Social Security Coverage: yes COLA: Annual Amount Maximum: 3% **ACTUARIAL ASSUMPTIONS:** Interest Rate: 7.75% Salary: 4% Partial Lump Sum Option

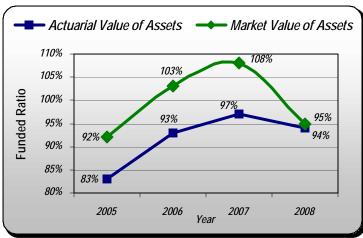
JOINT COMMITTEE ON PUBLIC EMPLOYEE RETIREMENT -30-

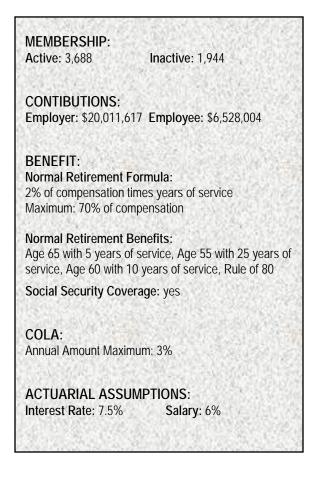




KANSAS CITY EMPLOYEES RETIREMENT SYSTEM



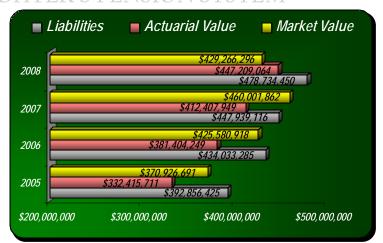


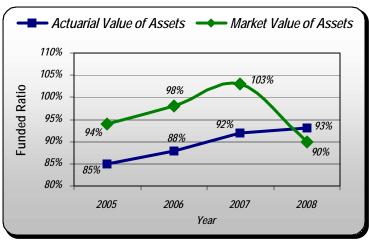


KANSAS CITY FIREFIGHTER'S PENSION SYSTEM

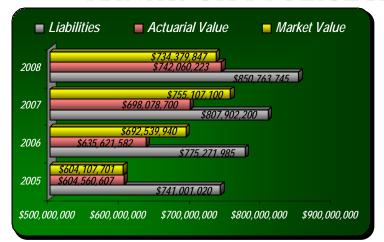
MEMBERSHIP: Active: 932 Inactive: 867 **CONTIBUTIONS:** Employer: \$10,940,229 Employee: \$5,306,233 **BENEFIT:** Normal Retirement Formula: 2.5% of compensation times years of service Maximum: 80% of compensation **Normal Retirement Benefits:** 25 years of service Social Security Coverage: no COLA: Annual Amount Maximum: 3% **ACTUARIAL ASSUMPTIONS:** Interest Rate: 7.75% Salary: 6%

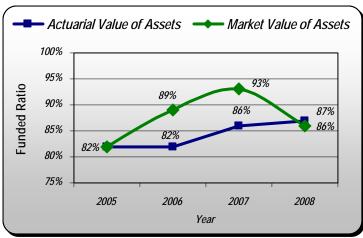
JOINT COMMITTEE ON PUBLIC EMPLOYEE RETIREMENT -31-

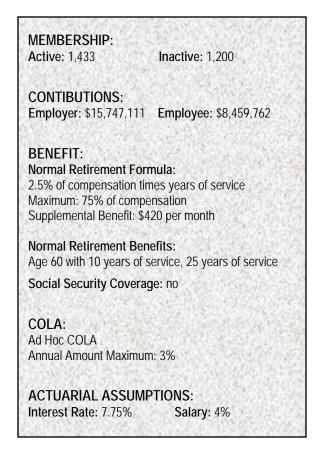




KANSAS CITY POLICE RETIREMENT SYSTEM





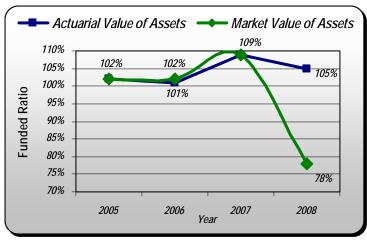


KANSAS CITY PUBLIC SCHOOL RETIREMENT SYSTEM

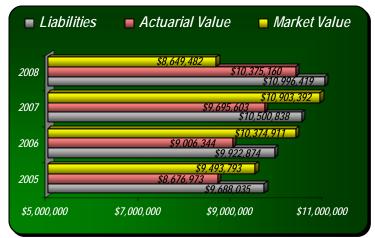
MEMBERSHIP: **Active:** 4,648 Inactive: 5,229 **CONTIBUTIONS:** Employer: \$15,888,234 Employee: \$15,612,996 BENEFIT: Normal Retirement Formula: 2% of compensations times years of creditable service **Normal Retirement Benefits:** Age 60 with 5 years of service Social Security Coverage: yes COLA: Ad Hoc COLA **ACTUARIAL ASSUMPTIONS:** Interest Rate: 8% Salary: 5%

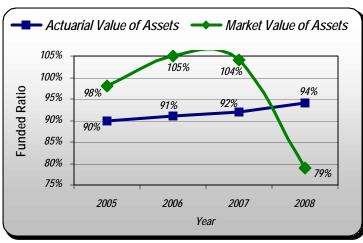
JOINT COMMITTEE ON PUBLIC EMPLOYEE RETIREMENT -32-

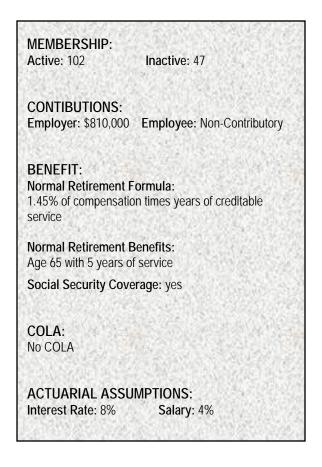




KANSAS CITY A.T.A. SALARIED EMPLOYEES PENSION PLAN



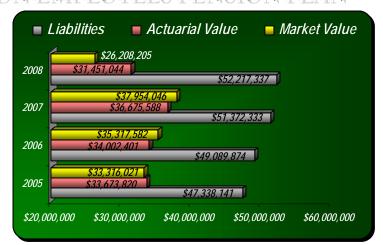


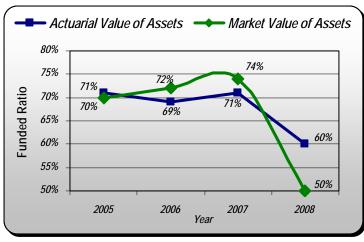


KANSAS CITY A.T.A. UNION EMPLOYEES PENSION PLAN

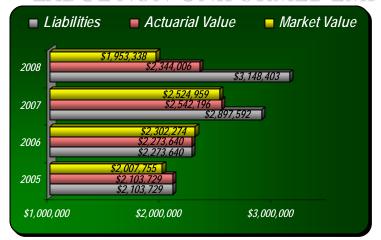
MEMBERSHIP: Active: 580 Inactive: 256 **CONTIBUTIONS:** Employer: \$2,136,311 Employee: \$1,039,096 BENEFIT: Normal Retirement Formula: 1.28% of compensation times years of service **Normal Retirement Benefits:** Age 62 with 10 years of service. Age 60 with 30 years of service Social Security Coverage: yes COLA: No COLA **ACTUARIAL ASSUMPTIONS:** Interest Rate: 7.5% Salary: 4.25%

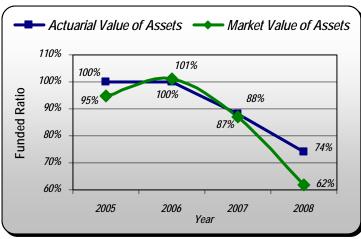
JOINT COMMITTEE ON PUBLIC EMPLOYEE RETIREMENT -33-

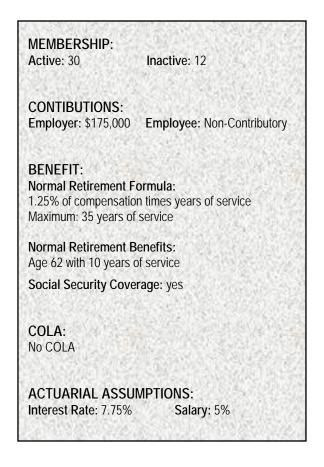




LADUE NON-UNIFORMED EMPLOYEES RETIREMENT PLAN





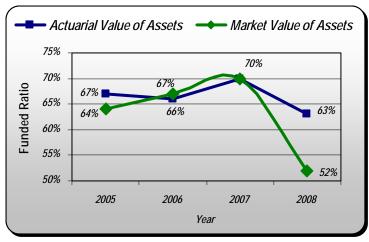


LADUE POLICE & FIRE PENSION PLAN

MEMBERSHIP: Active: 60 Inactive: 49 **CONTIBUTIONS:** Employer: \$2,240,000 Employee: \$127,583 **BENEFIT:** Normal Retirement Formula: 2% of compensation for the first 20 years of service, plus 2.5% for the next 10 years Maximum: 65% of compensation **Normal Retirement Benefits:** Age 55 with 30 years of service Social Security Coverage: no COLA: Annual Amount Maximum: 2% 'Cap' Total Maximum: 20% Percent of CPI: 100% **ACTUARIAL ASSUMPTIONS:** Interest Rate: 7.75% **Salary:** 4.75%

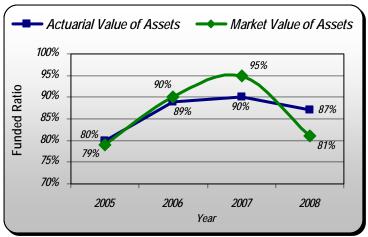
JOINT COMMITTEE ON PUBLIC EMPLOYEE RETIREMENT -34-

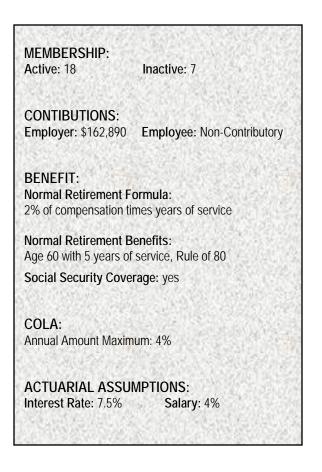




LAGERS STAFF RETIREMENT PLAN





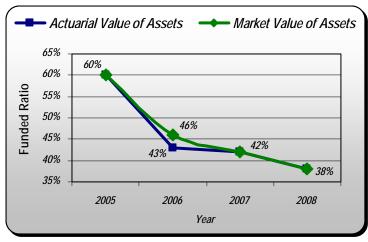


LITTLE RIVER DRAINAGE DISTRICT RETIREMENT PLAN

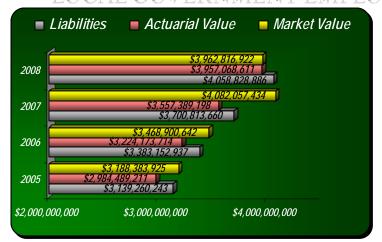
MEMBERSHIP: Active: 10 Inactive: 0 **CONTIBUTIONS:** Employer: \$0 Employee: \$11,060 BENEFIT: Normal Retirement Formula: 1% of compensation times years of service Minimum: \$100 per Month **Normal Retirement Benefits:** Age 65 Social Security Coverage: yes COLA: No COLA **ACTUARIAL ASSUMPTIONS:** Interest Rate: 5% Salary: 3.5%

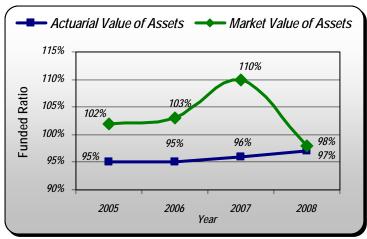
JOINT COMMITTEE ON PUBLIC EMPLOYEE RETIREMENT -35-

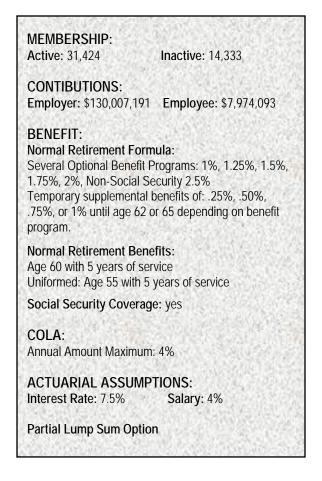




LOCAL GOVERNMENT EMPLOYEES RETIREMENT SYSTEM



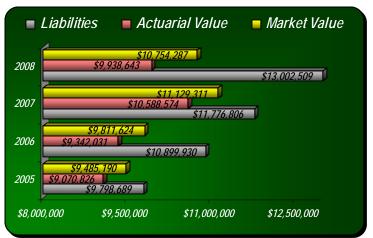


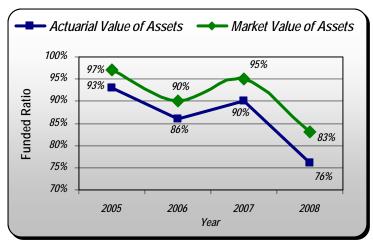


MAPLEWOOD POLICE & FIRE RETIREMENT FUND

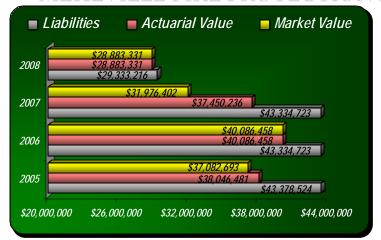
MEMBERSHIP: Active: 48 Inactive: 21 **CONTIBUTIONS:** Employer: \$634,463 Employee: \$183,929 BENEFIT: Normal Retirement Formula: 2% of compensation times years of service Maximum: 60% of compensation **Normal Retirement Benefits:** 20 years of service, Age 55 with 10 to less than 20 years of service Social Security Coverage: no COLA: No COLA **ACTUARIAL ASSUMPTIONS:** Interest Rate: 7% Salary: 4%

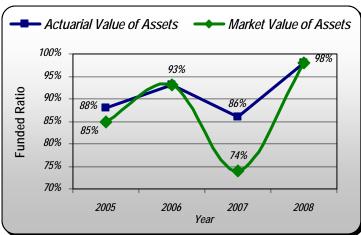
JOINT COMMITTEE ON PUBLIC EMPLOYEE RETIREMENT -36-

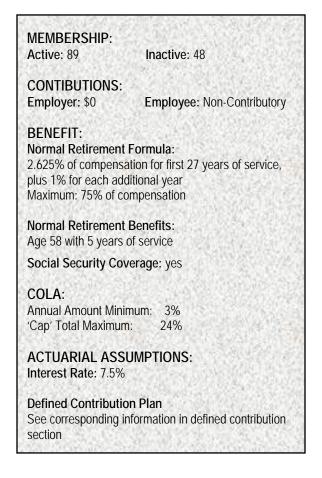




MEHLVILLE FIRE PROTECTION DISTRICT RETIREMENT PLAN



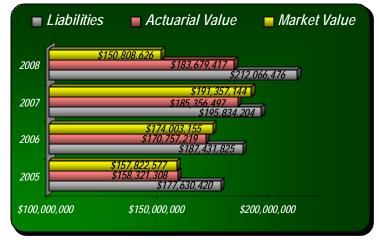


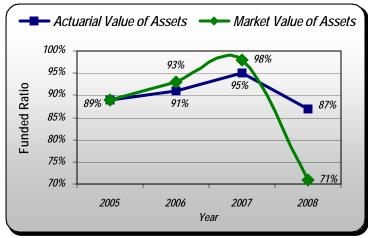


METRO ST. LOUIS SEWER DISTRICT EMPLOYEES

MEMBERSHIP: Active: 885 Inactive: 729 **CONTIBUTIONS:** Employer: \$7,460,492 Employee: Non-Contributory BENEFIT: Normal Retirement Formula: 1.7% of compensation times years of service, plus .40% of compensation above covered earnings, times years of service Maximum: 35 years of service Normal Retirement Benefits: Age 65 with 5 years of service Social Security Coverage: yes COLA: Annual Amount Minimum: 3% 'Cap' Total Maximum: **ACTUARIAL ASSUMPTIONS:** Interest Rate: 7.5% **Salary**: 5.5%

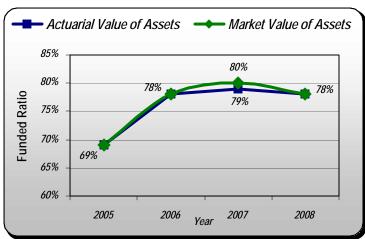
JOINT COMMITTEE ON PUBLIC EMPLOYEE RETIREMENT -37-

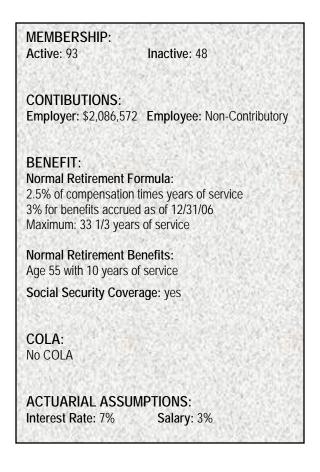




METRO WEST FIRE PROTECTION DISTRICT RETIREMENT PLAN



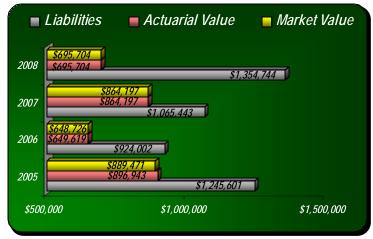


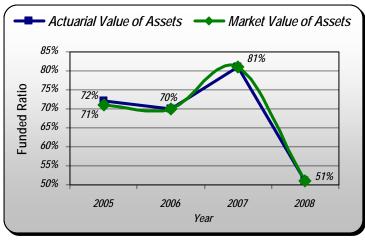


MID-COUNTY FIRE PROTECTION DISTRICT RETIREMENT PLAN

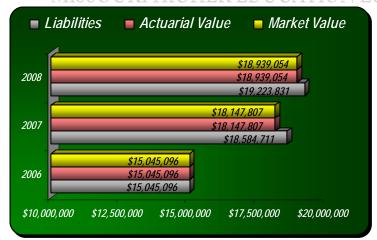
MEMBERSHIP: Active: 21 Inactive: 2 CONTIBUTIONS: Employer: \$200,000 **Employee**: Non-Contributory BENEFIT: Normal Retirement Formula: \$55 times years of service Maximum: 20 years of service Normal Retirement Benefits: Age 55 with 10 years of service Social Security Coverage: yes COLA: No COLA **ACTUARIAL ASSUMPTIONS:** Interest Rate: 6.5% **Defined Contribution Plan** See corresponding information in defined contribution section

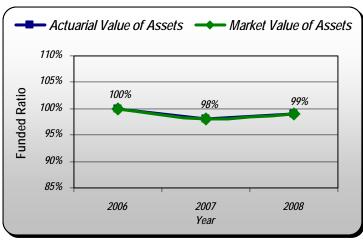
JOINT COMMITTEE ON PUBLIC EMPLOYEE RETIREMENT -38-

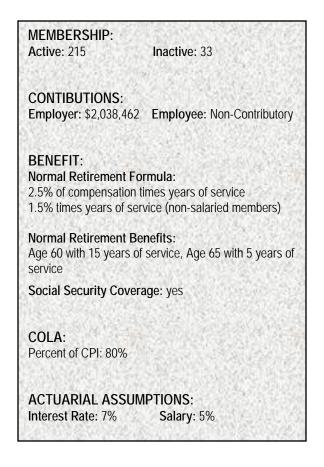




MISSOURI HIGHER EDUCATION LOAN AUTHORITY PENSION PLAN



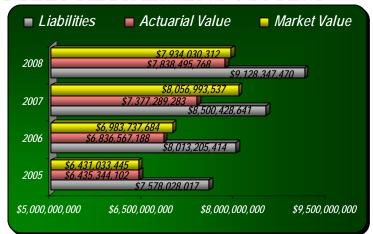


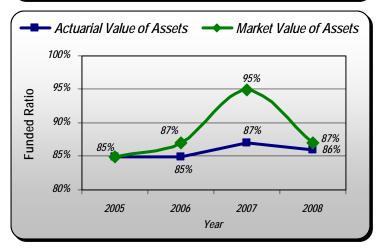


MISSOURI STATE EMPLOYEES RETIREMENT SYSTEM

MEMBERSHIP: Active: 54,542 Inactive: 47,201 CONTIBUTIONS: Employer: \$249,808,225 Employee: Non-Contributory BENEFIT: Normal Retirement Formula: MSEP 2000: 1.7% of compensation times years of service, plus .8% to age 62 (under Rule of 80) **Normal Retirement Benefits:** Age 62 with 5 years of service, Rule of 80 after age 48 Social Security Coverage: yes COLA: Annual Amount Maximum: 5% Percent of CPI: 80% **ACTUARIAL ASSUMPTIONS:** Interest Rate: 8.5% Salary: 4% **BackDROP Option**

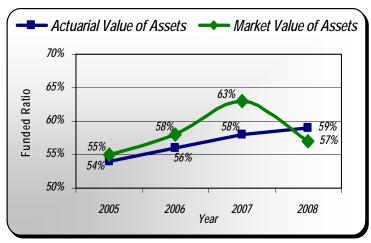
JOINT COMMITTEE ON PUBLIC EMPLOYEE RETIREMENT -39-

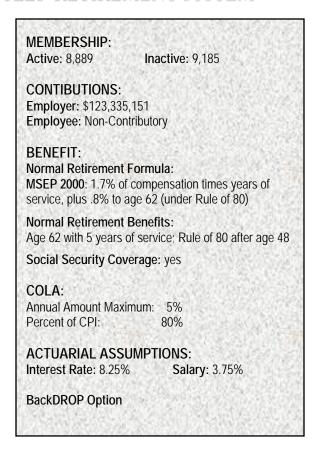




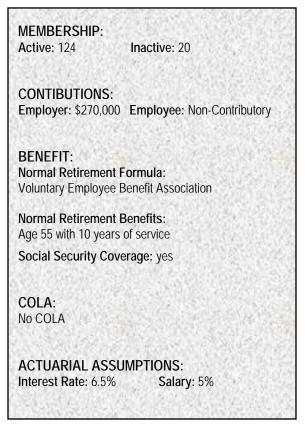
MODOT & HIGHWAY PATROL EMPLOYEES' RETIREMENT SYSTEM



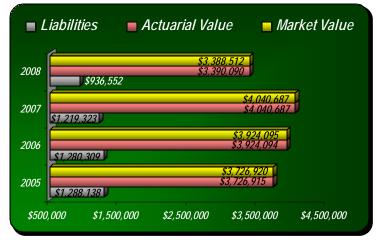


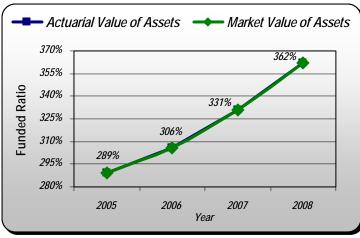


MONARCH FIRE PROTECTION DISTRICT RETIREMENT PLAN

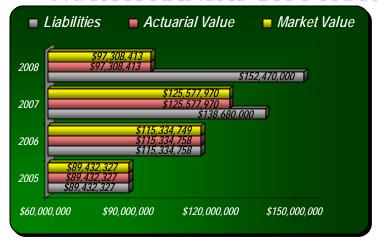


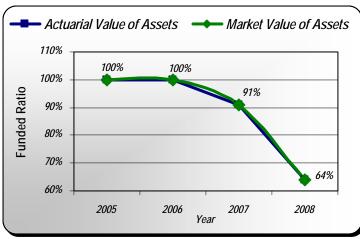
JOINT COMMITTEE ON PUBLIC EMPLOYEE RETIREMENT -40-

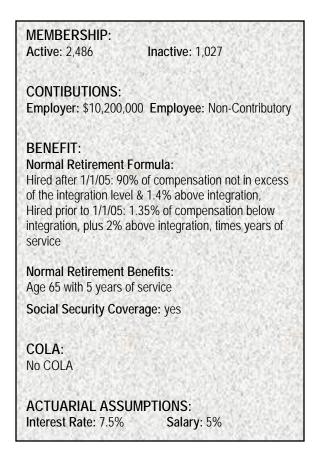




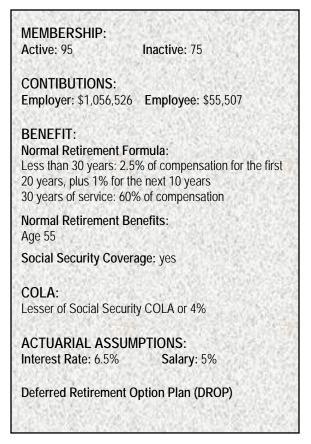
NORTH KANSAS CITY HOSPITAL RETIREMENT PLAN





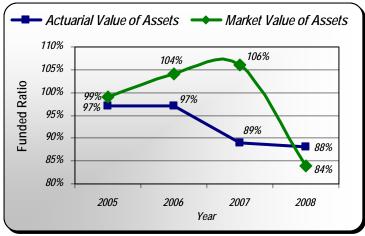


NORTH KANSAS CITY POLICE & FIRE RETIREMENT FUND



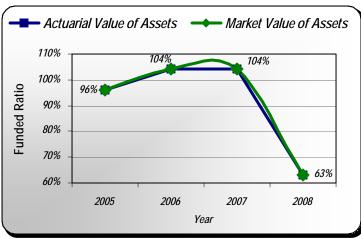
JOINT COMMITTEE ON PUBLIC EMPLOYEE RETIREMENT -41-

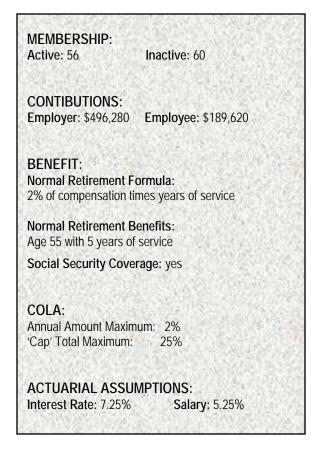




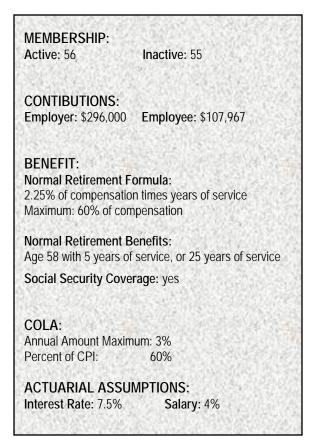
OLIVETTE SALARIED EMPLOYEES' RETIREMENT PLAN



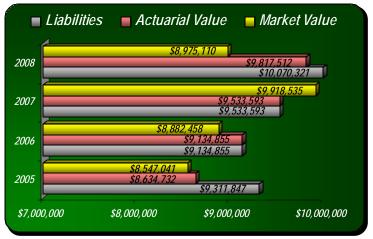


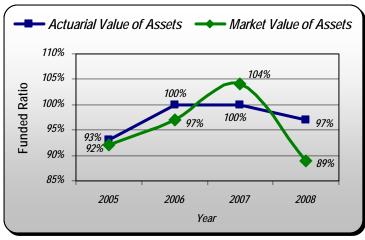


OVERLAND NON-UNIFORM PENSION FUND

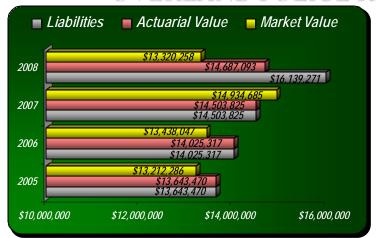


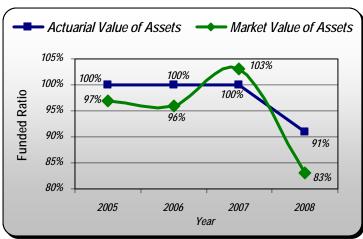
JOINT COMMITTEE ON PUBLIC EMPLOYEE RETIREMENT -42-

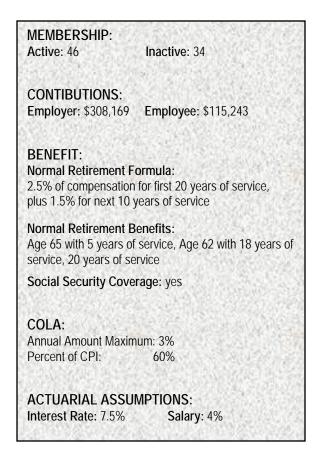




OVERLAND POLICE RETIREMENT FUND



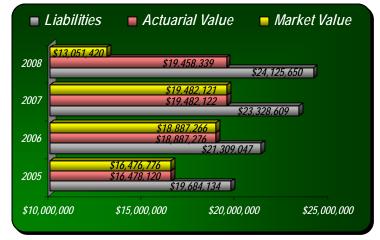


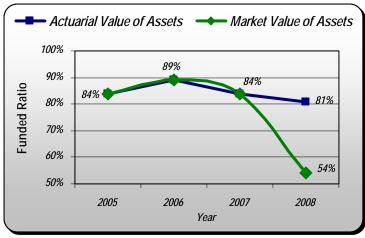


PATTONVILLE-BRIDGETON FIRE PROTECTION DISTRICT RETIREMENT PLAN

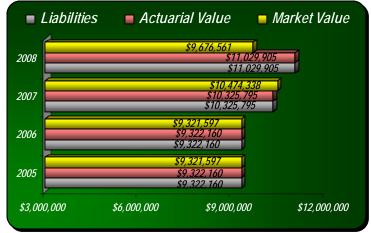
MEMBERSHIP: Active: 61 Inactive: 16 **CONTIBUTIONS:** Employer: \$1,387,000 Employee: Non-Contributory BENEFIT: Normal Retirement Formula: 50% of compensation with 20 years of service Supplemental benefit from age 55 to 62: 20% of compensation Normal Retirement Benefits: Uniformed: Age 55 with 5 years of service Non-Uniformed: Age 62 with 5 years of service Social Security Coverage: yes COLA: Annual Amount Minimum: 1%, plus ad hoc COLA depending on plan's funded ratio **ACTUARIAL ASSUMPTIONS:** Interest Rate: 7.75% Salary: 2.5%

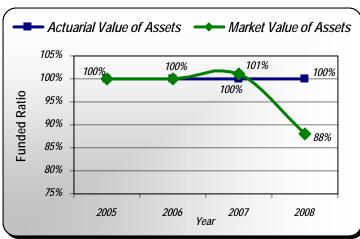
JOINT COMMITTEE ON PUBLIC EMPLOYEE RETIREMENT -43-

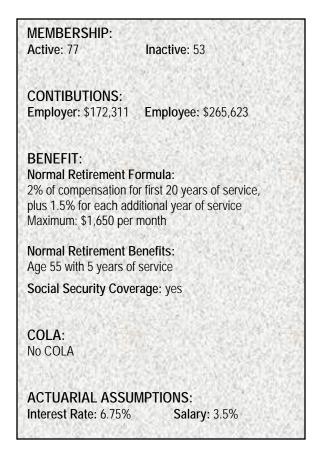




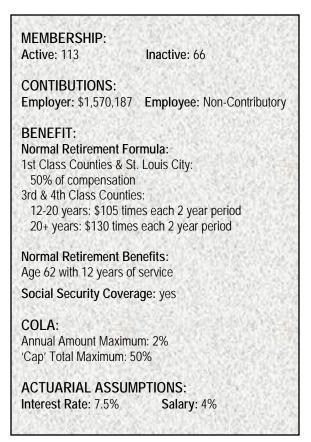
POPLAR BLUFF POLICE & FIRE PENSION PLAN



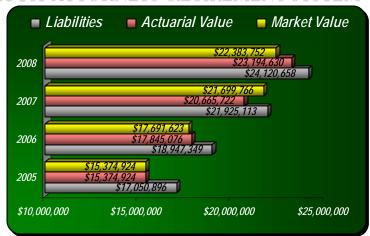


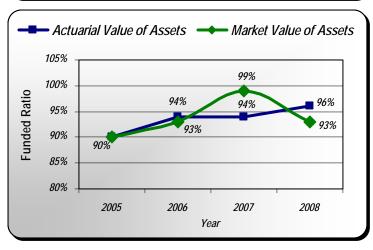


PROSECUTING ATTORNEYS' & CIRCUIT ATTORNEYS' RETIREMENT SYSTEM

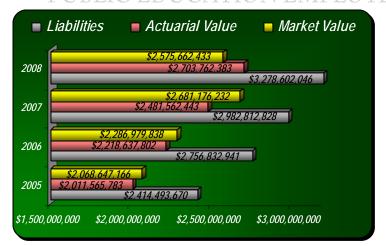


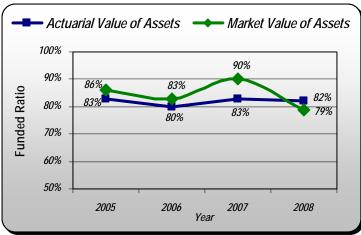
JOINT COMMITTEE ON PUBLIC EMPLOYEE RETIREMENT -44-

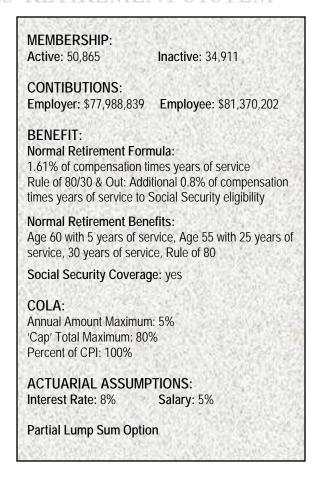




PUBLIC EDUCATION EMPLOYEES' RETIREMENT SYSTEM





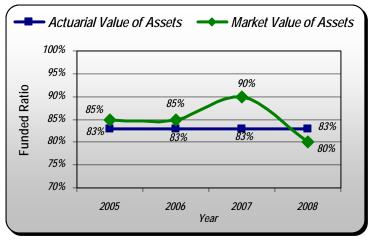


PUBLIC SCHOOL RETIREMENT SYSTEM

MEMBERSHIP: Active: 78,436 Inactive: 53.318 **CONTIBUTIONS:** Employer: \$521,241,501 Employee: \$572,810,350 BENEFIT: Normal Retirement Formula: 2.5% of compensation times years of service 2.55% of compensation with 31 years of service, retiring before July 2013 **Normal Retirement Benefits:** Age 60 with 5 years of service; 30 years of service; Age 55 with 25 years of service; Rule of 80 Social Security Coverage: no COLA: Annual Amount Maximum: 5% **ACTUARIAL ASSUMPTIONS:** Interest Rate: 8% Salary: 5% Partial Lump Sum Option

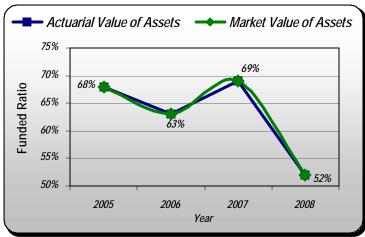
JOINT COMMITTEE ON PUBLIC EMPLOYEE RETIREMENT -45-

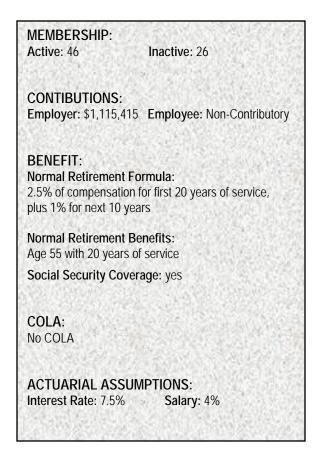




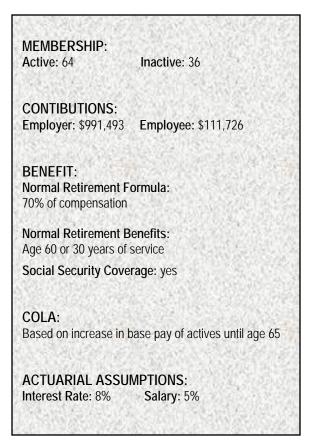
RAYTOWN POLICEMEN'S RETIREMENT FUND



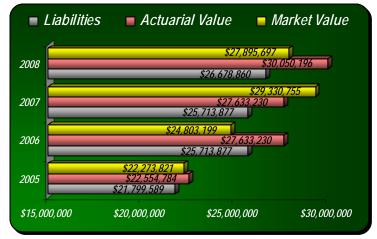


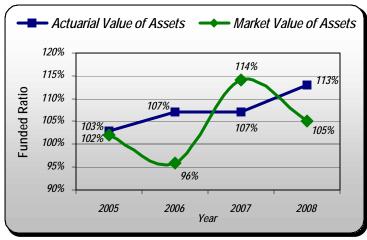


RICHMOND HEIGHTS POLICE & FIRE RETIREMENT PLAN



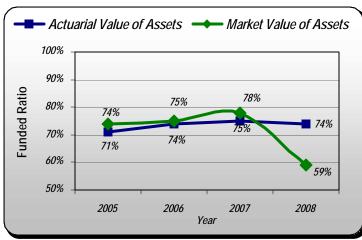
JOINT COMMITTEE ON PUBLIC EMPLOYEE RETIREMENT -46-

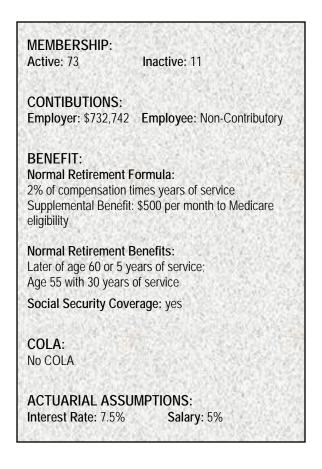




ROCK COMMUNITY FIRE PROTECTION DISTRICT RETIREMENT PLAN





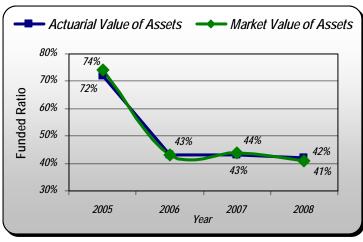


ROCK HILL POLICE & FIRE PENSION PLAN

MEMBERSHIP: Active: 11 Inactive: 20 **CONTIBUTIONS:** Employer: \$236,769 Employee: Non-Contributory BENEFIT: Normal Retirement Formula: 40% of final average monthly compensation Temporary Benefit: 10% of final average month compensation to age 62 Normal Retirement Benefits: Age 60 with 5 years of service Social Security Coverage: yes COLA: No COLA **ACTUARIAL ASSUMPTIONS:** Interest Rate: 5.5% Salary: 4.5%

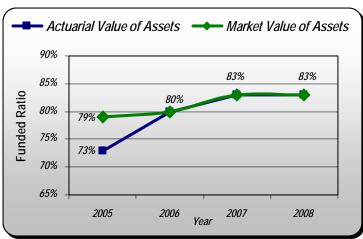
JOINT COMMITTEE ON PUBLIC EMPLOYEE RETIREMENT -47-

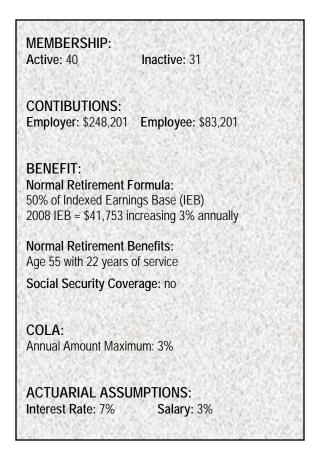




SEDALIA FIREMEN'S RETIREMENT FUND





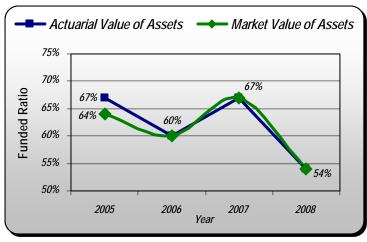


SEDALIA POLICE RETIREMENT FUND

MEMBERSHIP: Active: 43 Inactive: 34 CONTIBUTIONS: Employer: \$186,446 Employee: \$32,273 BENEFIT: Normal Retirement Formula: 2% of compensation times years of service Maximum: 30 years Normal Retirement Benefits: Age 52 or 15 years of service Social Security Coverage: yes COLA: Annual Amount Maximum: 2% **ACTUARIAL ASSUMPTIONS:** Interest Rate: 7.5% Salary: 4%

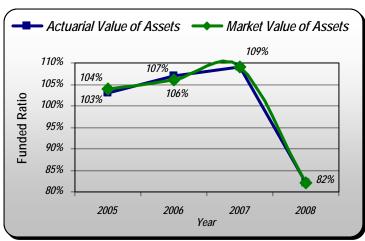
JOINT COMMITTEE ON PUBLIC EMPLOYEE RETIREMENT -48-

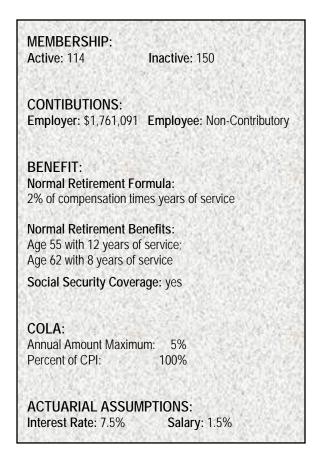




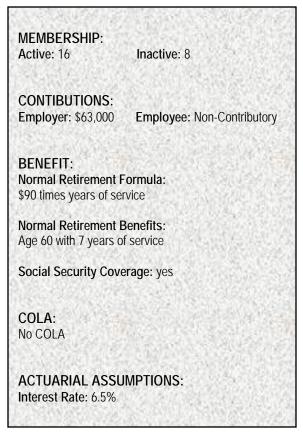
SHERIFF'S RETIREMENT SYSTEM





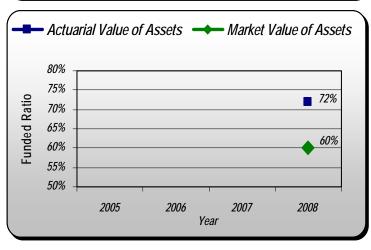


SPRINGDALE FIRE PROTECTION DISTRICT RETIREMENT SYSTEM



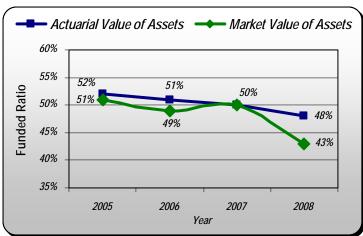
JOINT COMMITTEE ON PUBLIC EMPLOYEE RETIREMENT -49-

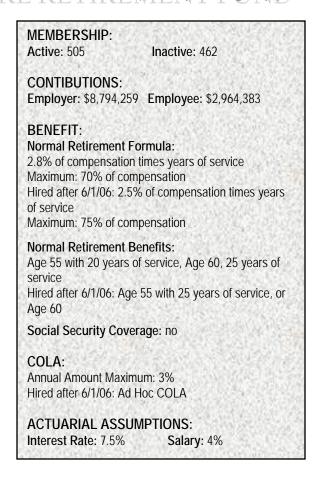




SPRINGFIELD POLICE & FIRE RETIREMENT FUND



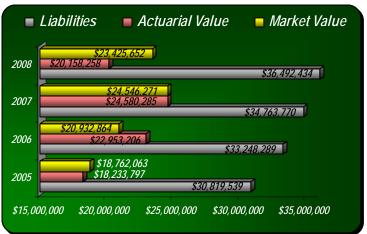


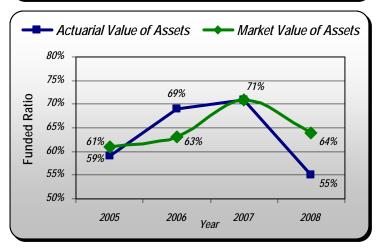


ST. JOSEPH POLICEMEN'S PENSION FUND

MEMBERSHIP: Active: 113 Inactive: 96 **CONTIBUTIONS:** Employer: \$1,536,575 Employee: \$219,328 BENEFIT: Normal Retirement Formula: 40% of compensation for the first 20 years of service, plus 2% for the next 15 years Maximum: 70% of compensation Normal Retirement Benefits: 20 years of service Social Security Coverage: no COLA: Annual Amount Maximum: 4% Percent of CPI: 50% **ACTUARIAL ASSUMPTIONS:** Interest Rate: 7.5% Salary: 4%

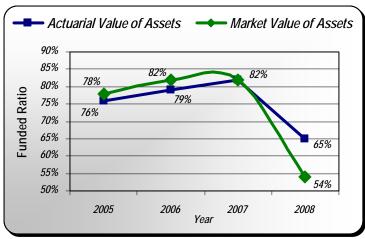
JOINT COMMITTEE ON PUBLIC EMPLOYEE RETIREMENT -50-

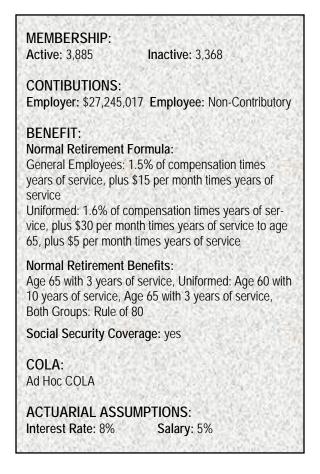




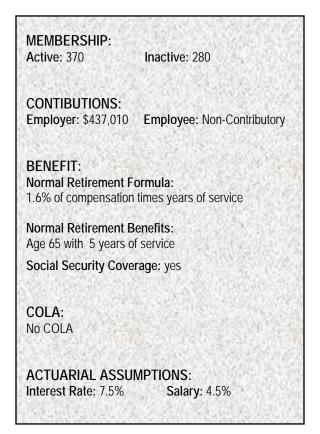
ST. LOUIS COUNTY EMPLOYEES RETIREMENT PLAN



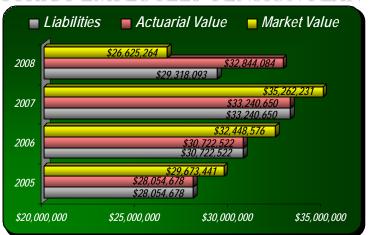


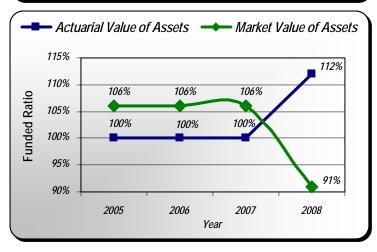


ST. LOUIS COUNTY LIBRARY DISTRICT EMPLOYEES' PENSION PLAN

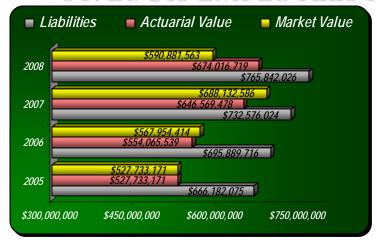


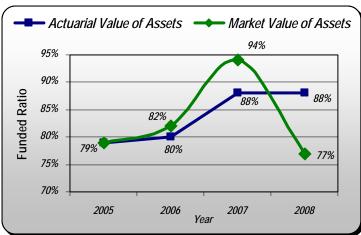
JOINT COMMITTEE ON PUBLIC EMPLOYEE RETIREMENT -51-

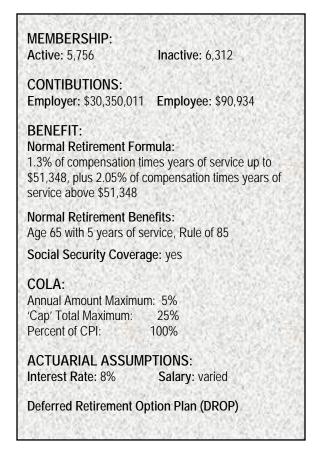




ST. LOUIS EMPLOYEES RETIREMENT SYSTEM



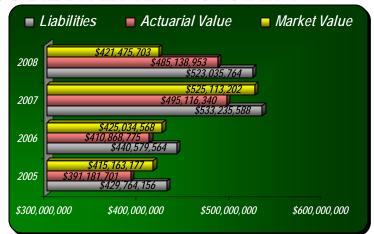


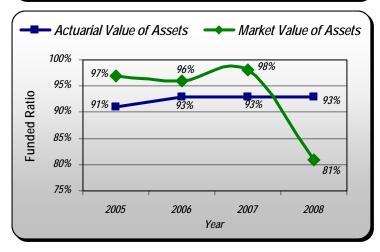


ST. LOUIS FIREMEN'S RETIREMENT SYSTEM

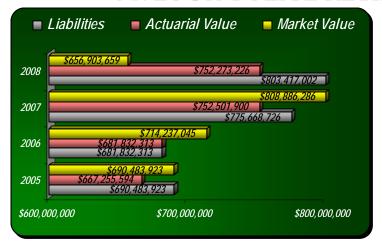
MEMBERSHIP: Active: 677 Inactive: 1,073 **CONTIBUTIONS:** Employer: \$7,484,524 Employee: \$2,845,174 BENEFIT: Normal Retirement Formula: 40% of compensation for the first 20 years of service, plus 2% for the next 5 years, plus 5% of each year over 25 years Maximum: 30 years of service Normal Retirement Benefits: 20 years of service Social Security Coverage: no COLA: Annual Amount Minimum: 1.5% Annual Amount Maximum: 5% 'Cap' Total Maximum: 25% **ACTUARIAL ASSUMPTIONS:** Interest Rate: 7.625% Salary: 4% Deferred Retirement Option Plan (DROP)

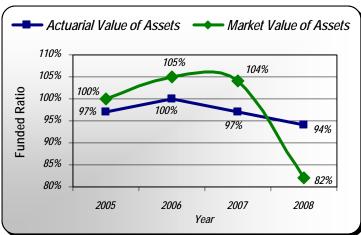
JOINT COMMITTEE ON PUBLIC EMPLOYEE RETIREMENT -52-

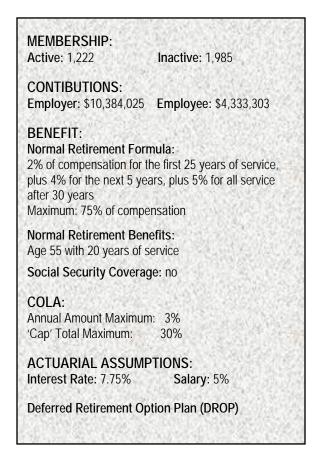




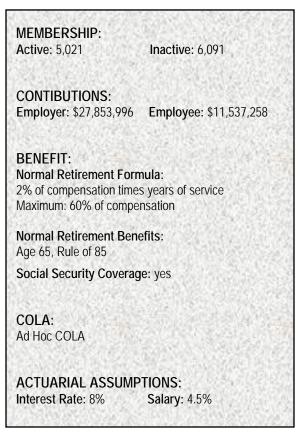
ST. LOUIS POLICE RETIREMENT SYSTEM



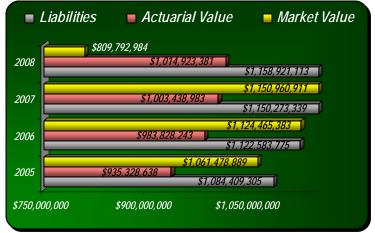


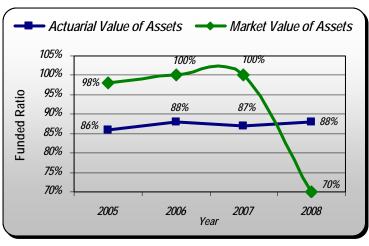


ST. LOUIS PUBLIC SCHOOL RETIREMENT SYSTEM



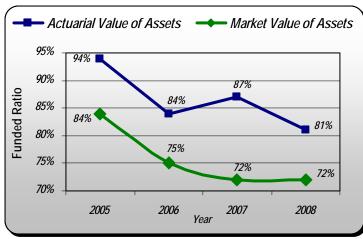
JOINT COMMITTEE ON PUBLIC EMPLOYEE RETIREMENT -53-

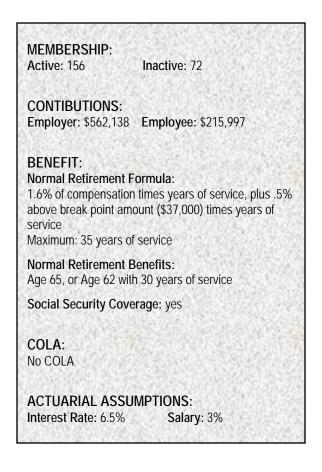




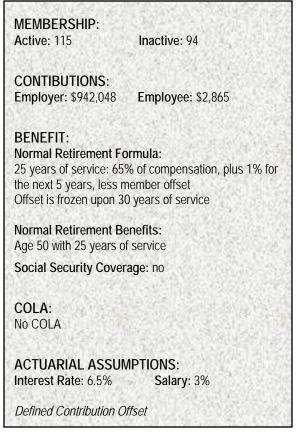
UNIVERSITY CITY NON-UNIFORMED RETIREMENT PLAN



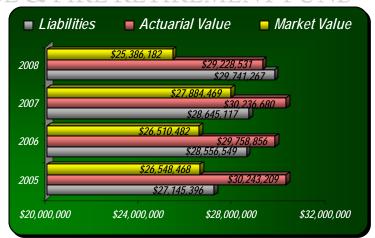


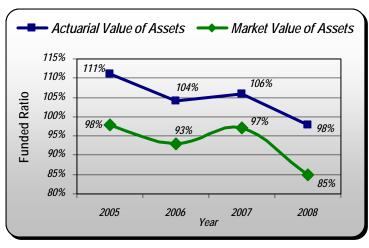


UNIVERSITY CITY POLICE & FIRE RETIREMENT FUND

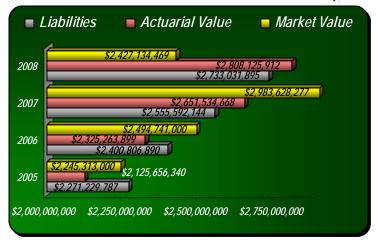


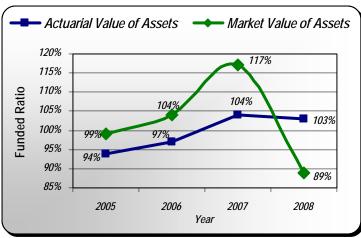
JOINT COMMITTEE ON PUBLIC EMPLOYEE RETIREMENT -54-

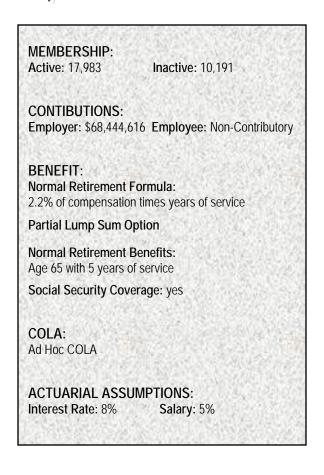




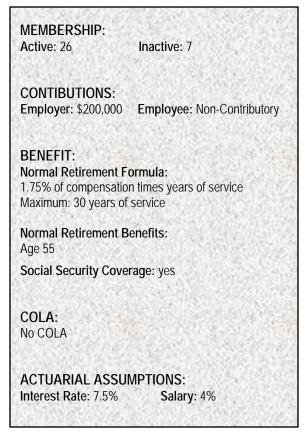
UNIVERSITY OF MO RETIREMENT, DISABILITY, & DEATH BENEFIT PLAN



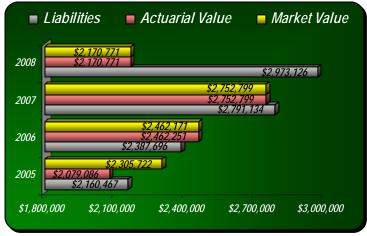


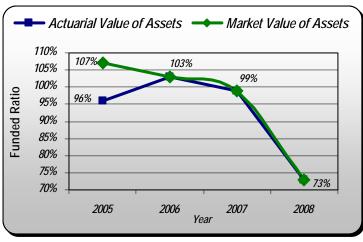


VALLEY PARK FIRE PROTECTION DISTRICT RETIREMENT PLAN



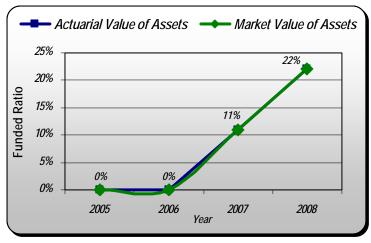
JOINT COMMITTEE ON PUBLIC EMPLOYEE RETIREMENT -55-

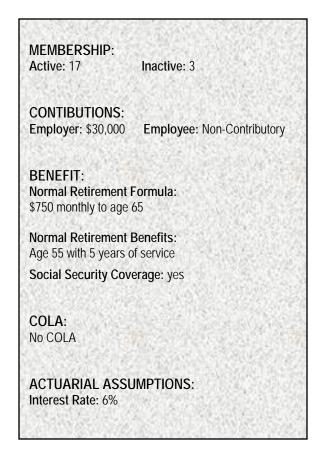




WEST OVERLAND FIRE PROTECTION DISTRICT RETIREMENT PLAN







DEFINED CONTRIBUTION PLANS

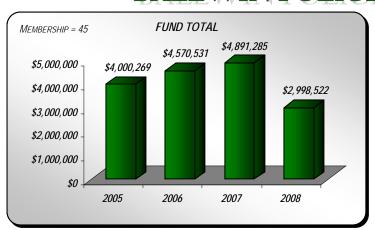
It should be noted that data included in these appendices reflect PERS information from plan year 2008

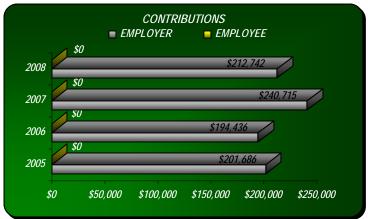


DEFINED CONTRIBUTION PLAN INDEX

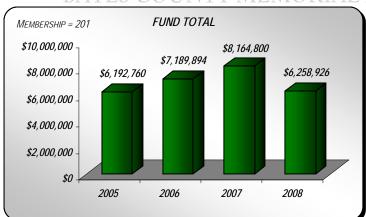
	59
BATES COUNTY MEMORIAL HOSPITAL RETIREMENT PLAN	59
CEDAR HILL FIRE PROTECTION DISTRICT MONEY PURCHASE PLAN !	59
CENTRAL COUNTY FIRE & RESCUE PENSION PLAN	59
CERF ADMINISTRATIVE OFFICE 401(A) PLAN	60
CHESTERFIELD RETIREMENT PLAN	
COMMUNITY FIRE PROTECTION DISTRICT RETIREMENT PLAN	60
CONSOLIDATED WATER DISTRICT #C-1 OF JEFFERSON COUNTY	60
COOPER COUNTY MEMORIAL HOSPITAL RETIREMENT PLAN	61
COTTLEVILLE FIRE PROTECTION DISTRICT RETIREMENT PLAN	61
COUNTY EMPLOYEES' RETIREMENT PLAN	61
CREVE COEUR EMPLOYEES RETIREMENT PLAN	61
CREVE COEUR FIRE PROTECTION DISTRICT RETIREMENT PLAN	62
DES PERES RETIREMENT PLAN	62
FLORISSANT EMPLOYEES RETIREMENT PLAN	62
HIGH RIDGE FIRE PROTECTION DISTRICT PENSION PLAN	62
KANSAS CITY ELECTED OFFICIALS SUPPLEMENTAL RETIREMENT PLAN (63
KIRKWOOD CIVILIAN EMPLOYEES PENSION PLAN	
KIRKWOOD POLICE & FIRE PENSION PLAN	
LAKE ST. LOUIS FIRE PROTECTION DISTRICT RETIREMENT PLAN	
LEMAY FIRE PROTECTION DISTRICT RETIREMENT PLAN	
LIBERTY HOSPITAL RETIREMENT INCOME PLAN	6 4
LINCOLN COUNTY MEMORIAL HOSPITAL RETIREMENT PLAN	
MARYLAND HEIGHTS FIRE PROTECTION DISTRICT PENSION PLAN	
MARYLAND HEIGHTS PENSION PLAN	
MEHLVILLE FIRE PROTECTION DISTRICT RETIREMENT PLAN	
METRO NORTH FIRE PROTECTION DISTRICT RETIREMENT PLAN	
MIDCOUNTY FIRE PROTECTION DISTRICT RETIREMENT PLAN	
Missouri Higher Education Loan Authority Pension Plan	
MONARCH FIRE PROTECTION DISTRICT RETIREMENT PLAN	
NORTHEAST AMBULANCE & FIRE PROTECT DIST RETIREMENT FUND (
O'FALLON FIRE PROTECTION DISTRICT PENSION PLAN	
PACIFIC FIRE PROTECTION DISTRICT RETIREMENT PLAN	
PHELPS COUNTY REGIONAL MEDICAL CENTER PENSION PLAN	
PIKE COUNTY MEMORIAL HOSPITAL RETIREMENT PLAN	
Public Water Supply District #2 of Jackson County	
Public Water Supply District #3 of Jefferson County	
RIVERVIEW FIRE PROTECTION DISTRICT RETIREMENT PLAN	
ROBERTSON FIRE PROTECTION DISTRICT RETIREMENT PLAN	
SAMARITAN MEMORIAL HOSPITAL PENSION PLAN	
Shady Valley Fire Protection District 401(a) Plan	
Spanish Lake Fire Protection District Retirement Plan	
Springdale Fire Protection District Retirment Plan	
Webster Groves Non-Uniformed Employees Pension Plan	
WEBSTER GROVES POLICE & FIRE RETIREMENT FUND	
Wentzville Fire Protection District Retirement Plan	
West County EMS & Fire Protection District Retirement Plan 7	
West Overland Fire Protection District Retirement Plan	

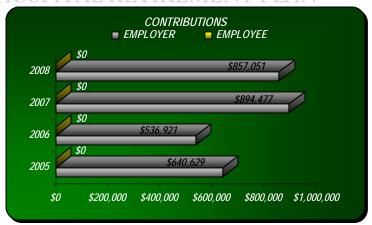
BALLWIN POLICE PENSION PLAN



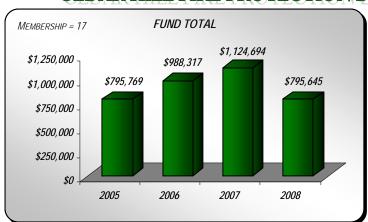


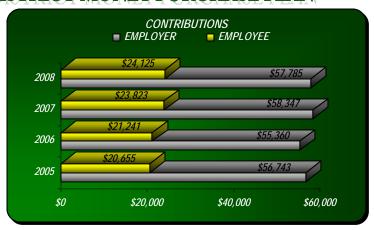
BATES COUNTY MEMORIAL HOSPITAL RETIREMENT PLAN



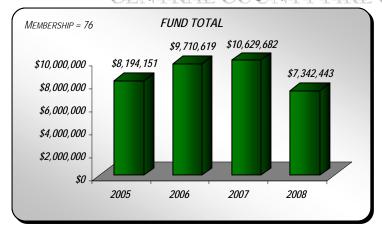


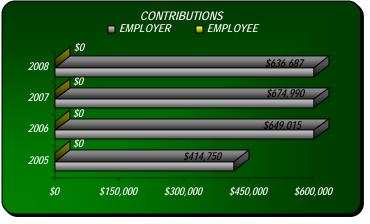
CEDAR HILL FIRE PROTECTION DISTRICT MONEY PURCHASE PLAN



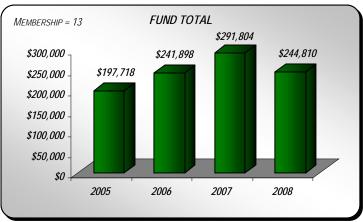


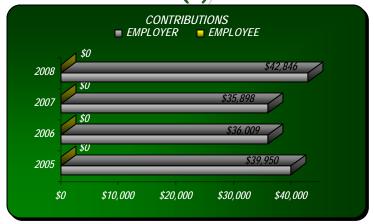
CENTRAL COUNTY FIRE & RESCUE PENSION PLAN



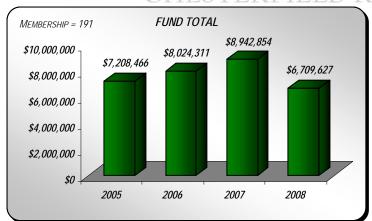


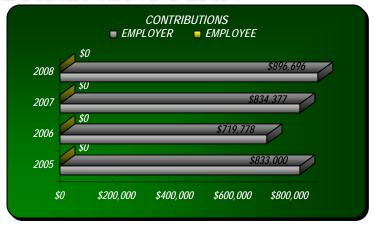
CERF ADMINISTRATIVE OFFICE 401(a) PLAN



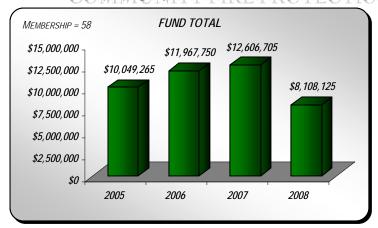


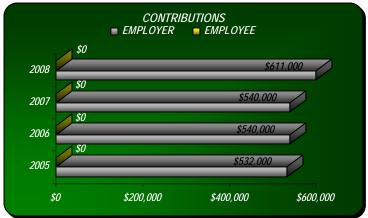
CHESTERFIELD RETIREMENT PLAN



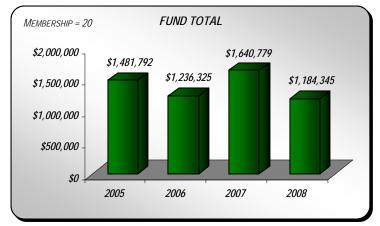


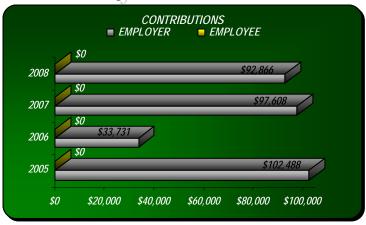
COMMUNITY FIRE PROTECTION DISTRICT RETIREMENT PLAN



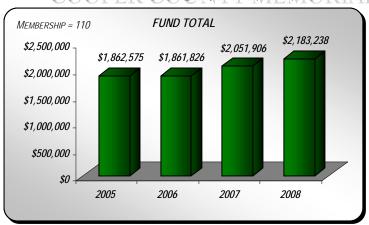


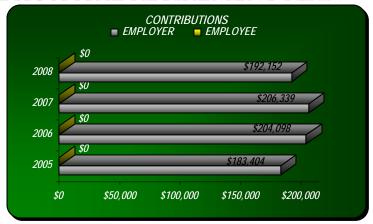
CONSOLIDATED WATER DISTRICT #C-1 OF JEFFERSON COUNTY



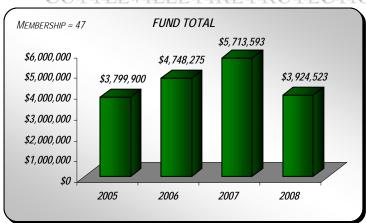


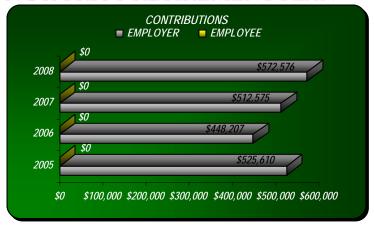
COOPER COUNTY MEMORIAL HOSPITAL RETIREMENT PLAN



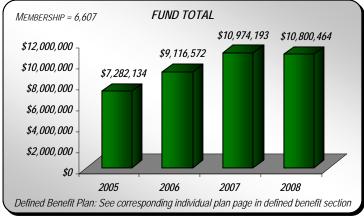


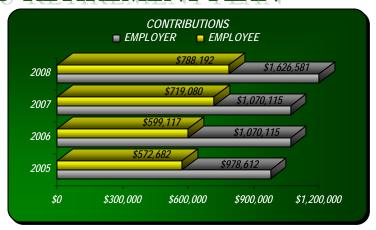
COTTLEVILLE FIRE PROTECTION DISTRICT RETIREMENT PLAN



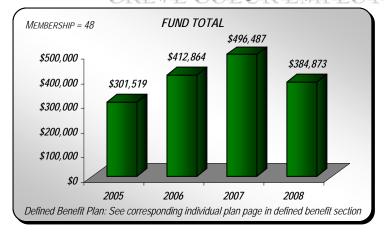


COUNTY EMPLOYEES' RETIREMENT PLAN



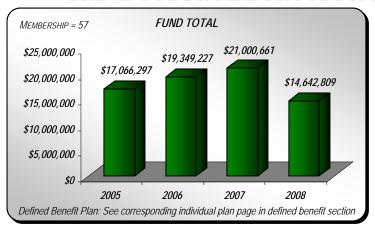


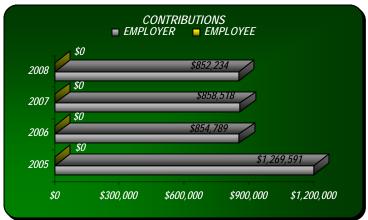
CREVE COEUR EMPLOYEES RETIREMENT PLAN



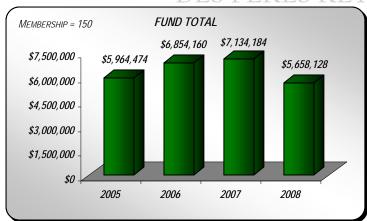


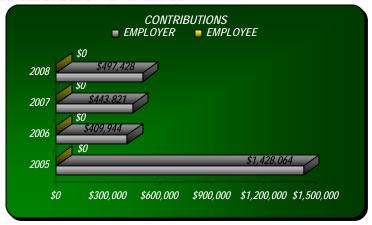
CREVE COEUR FIRE PROTECTION DISTRICT RETIREMENT PLAN



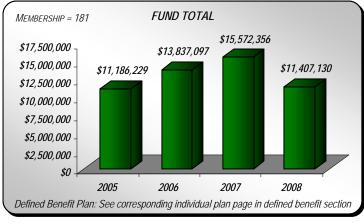


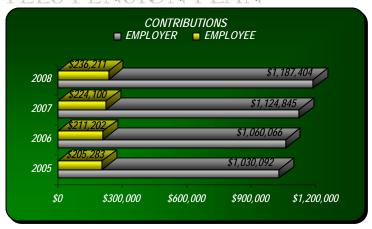
DES PERES RETIREMENT PLAN



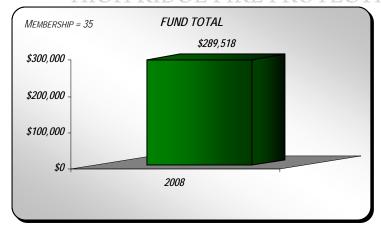


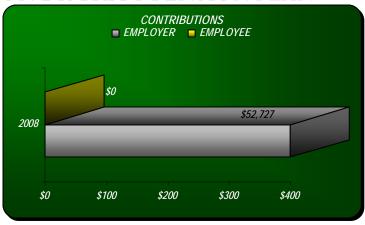
FLORISSANT EMPLOYEES PENSION PLAN



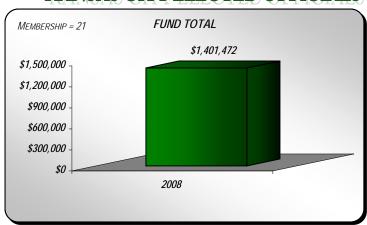


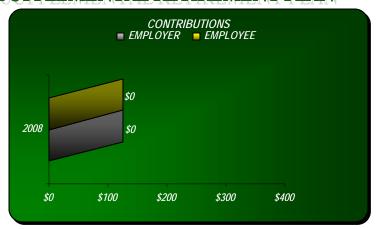
HIGH RIDGE FIRE PROTECTION DISTRICT PENSION PLAN



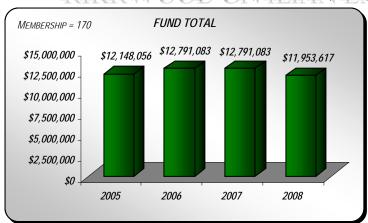


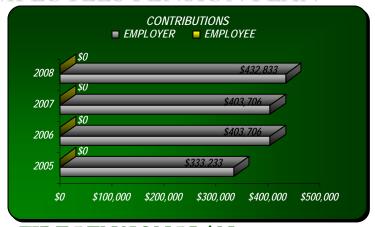
KANSAS CITY ELECTED OFFICIALS SUPPLEMENTAL RETIREMENT PLAN



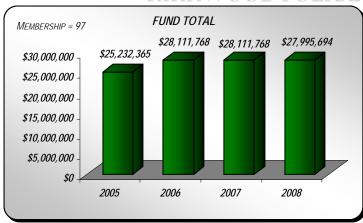


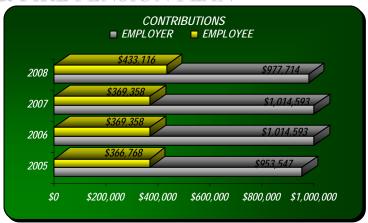
KIRKWOOD CIVILIAN EMPLOYEES PENSION PLAN



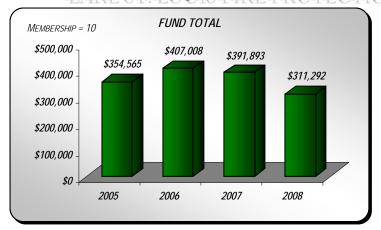


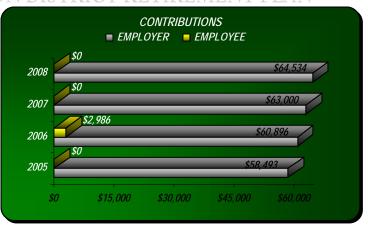
KIRKWOOD POLICE & FIRE PENSION PLAN



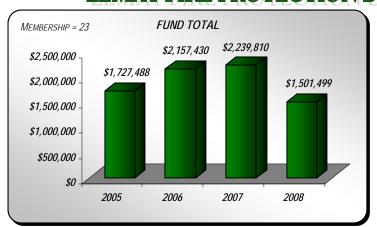


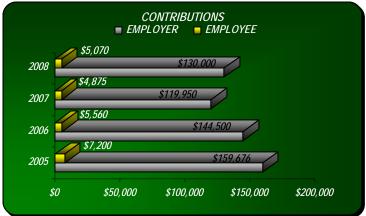
LAKE ST. LOUIS FIRE PROTECTION DISTRICT RETIREMENT PLAN



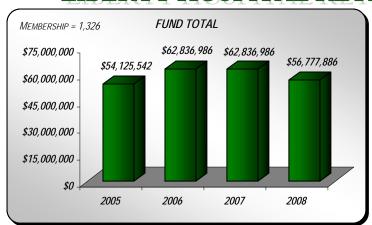


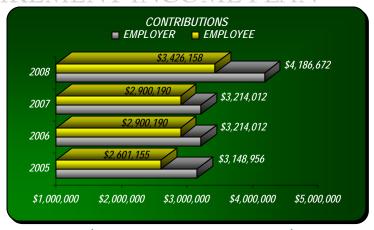
LEMAY FIRE PROTECTION DISTRICT RETIREMENT PLAN



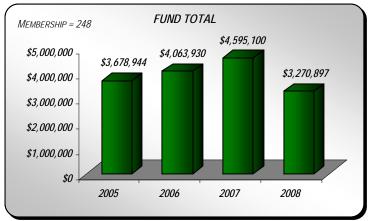


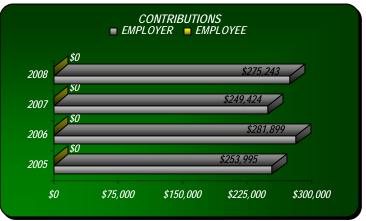
LIBERTY HOSPITAL RETIREMENT INCOME PLAN



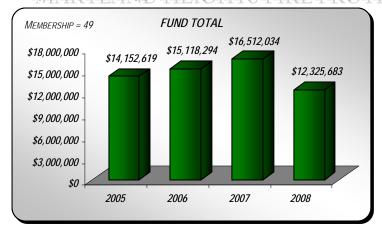


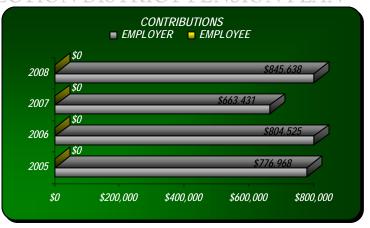
LINCOLN COUNTY MEMORIAL HOSPITAL RETIREMENT PLAN



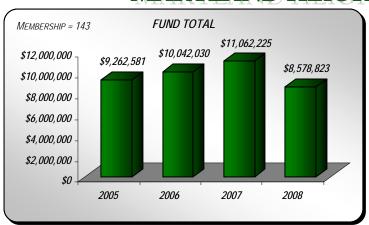


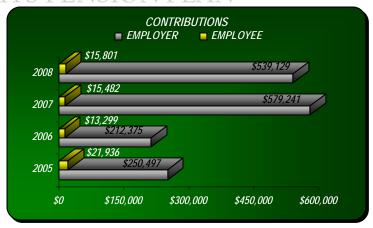
MARYLAND HEIGHTS FIRE PROTECTION DISTRICT PENSION PLAN



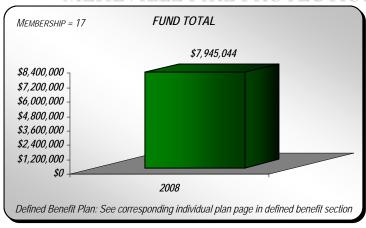


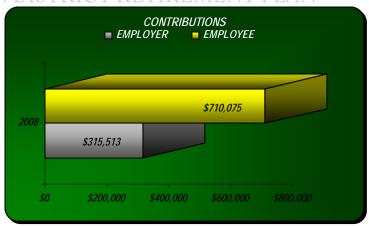
MARYLAND HEIGHTS PENSION PLAN



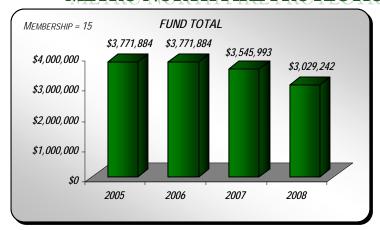


MEHLVILLE FIRE PROTECTION DISTRICT RETIREMENT PLAN



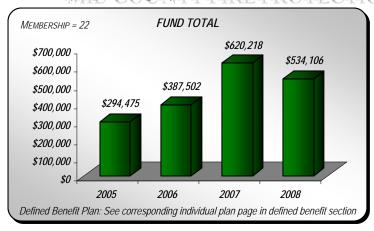


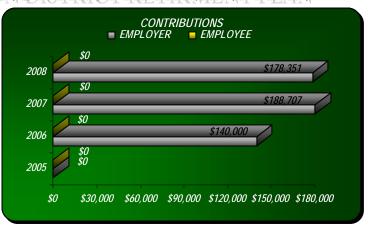
METRO NORTH FIRE PROTECTION DISTRICT RETIREMENT PLAN



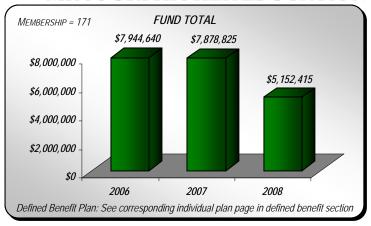


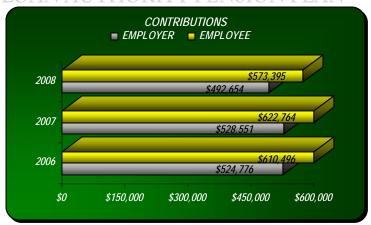
MID COUNTY FIRE PROTECTION DISTRICT RETIRMENT PLAN



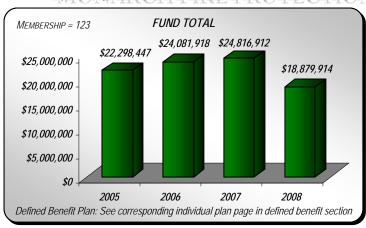


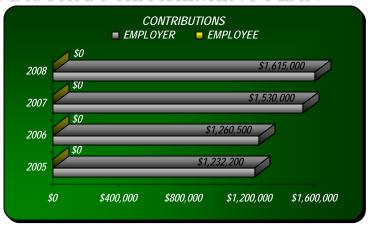
MISSOURI HIGHER EDUCATION LOAN AUTHORITY PENSION PLAN



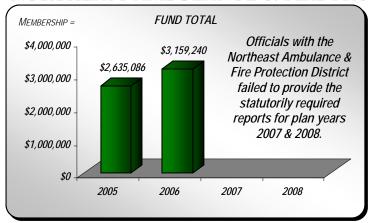


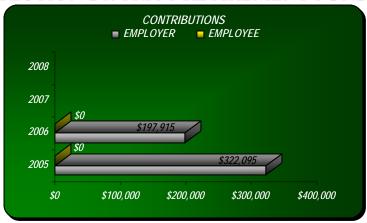
MONARCH FIRE PROTECTION DISTRICT RETIREMENT PLAN



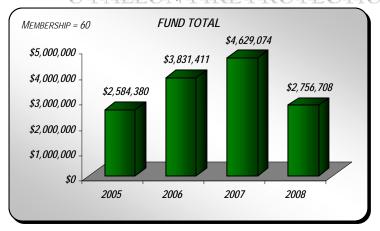


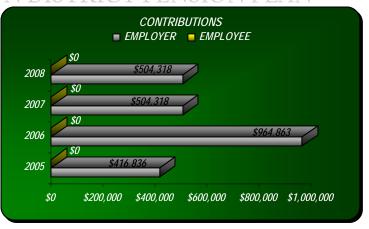
NORTHEAST AMBULANCE & FIRE PROTECTION DISTRICT RETIREMENT FUND



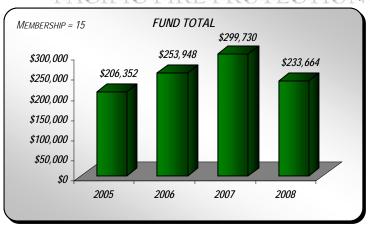


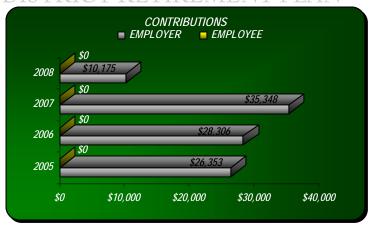
O'FALLON FIRE PROTECTION DISTRICT PENSION PLAN



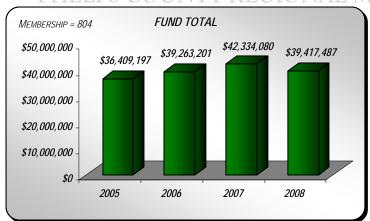


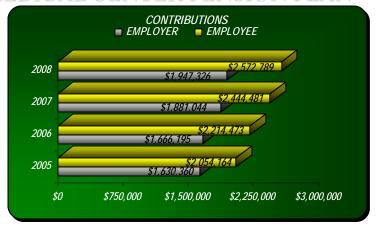
PACIFIC FIRE PROTECTION DISTRICT RETIREMENT PLAN



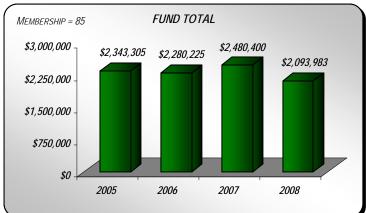


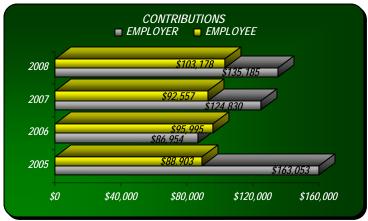
PHELPS COUNTY REGIONAL MEDICAL CENTER PENSION PLAN



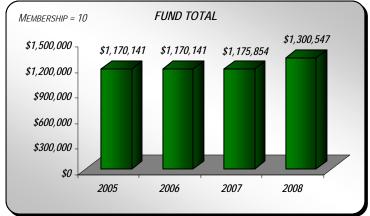


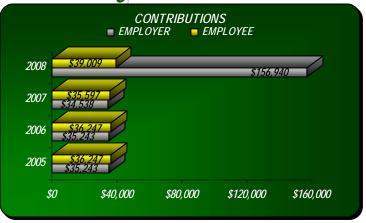
PIKE COUNTY MEMORIAL HOSPITAL RETIREMENT PLAN



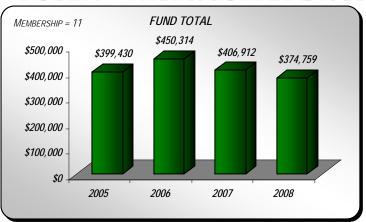


PUBLIC WATER SUPPLY DISTRICT #2 OF JACKSON COUNTY



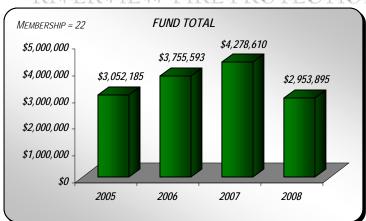


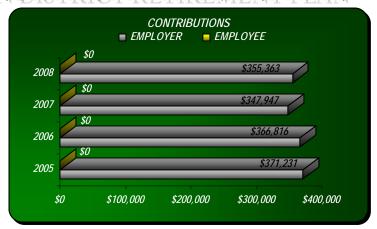
PUBLIC WATER SUPPLY DISTRICT #3 OF JEFFERSON COUNTY



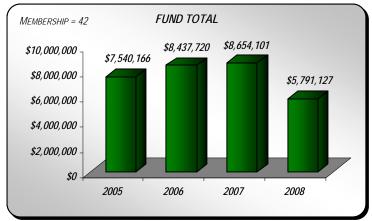


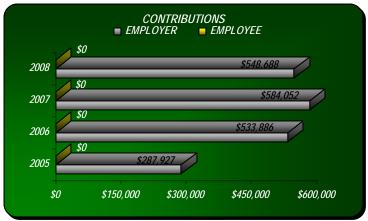
RIVERVIEW FIRE PROTECTION DISTRICT RETIREMENT PLAN



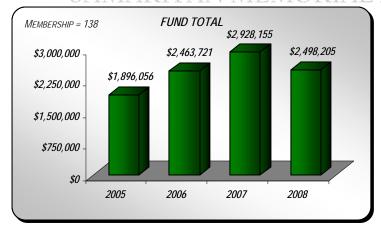


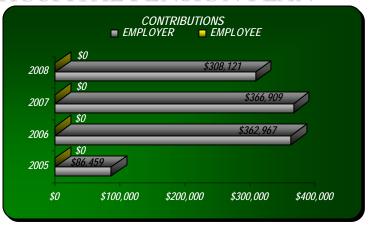
ROBERTSON FIRE PROTECTION DISTRICT RETIREMENT PLAN



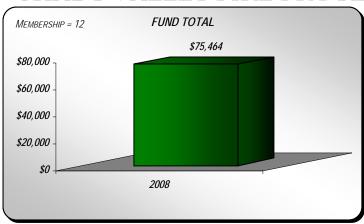


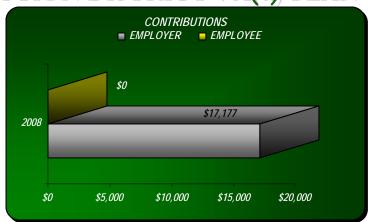
SAMARITAN MEMORIAL HOSPITAL PENSION PLAN



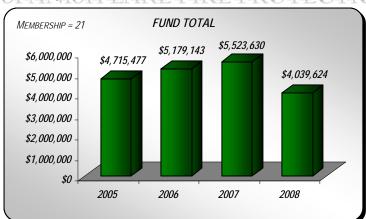


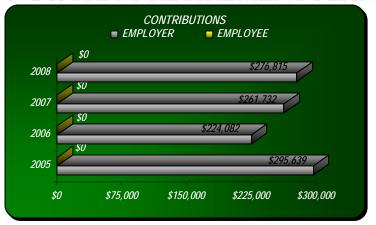
SHADY VALLEY FIRE PROTECTION DISTRICT 401(a) PLAN



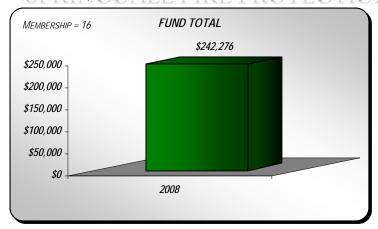


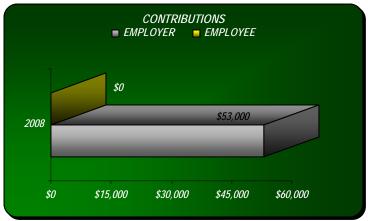
SPANISH LAKE FIRE PROTECTION DISTRICT RETIREMENT PLAN



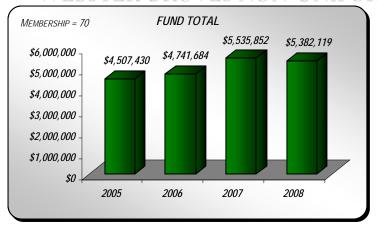


SPRINGDALE FIRE PROTECTION DISTRICT RETIREMENT PLAN



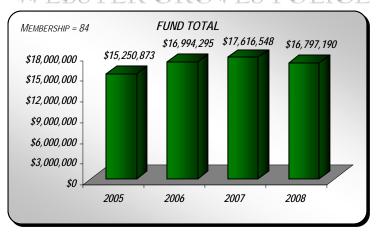


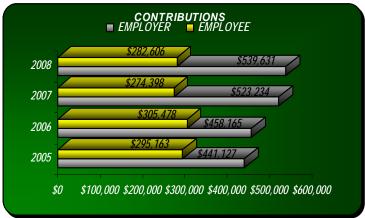
WEBSTER GROVES NON-UNIFORMED EMPLOYEES PENSION PLAN



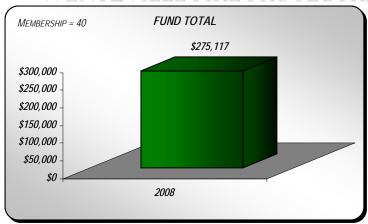


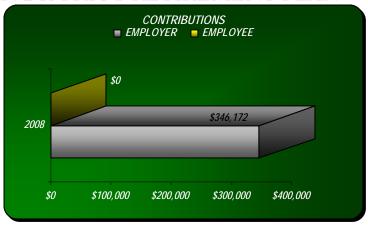
WEBSTER GROVES POLICE & FIRE RETIREMENT FUND



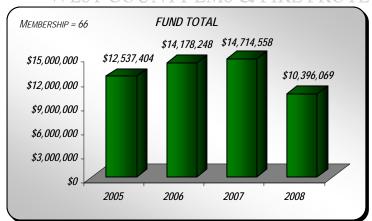


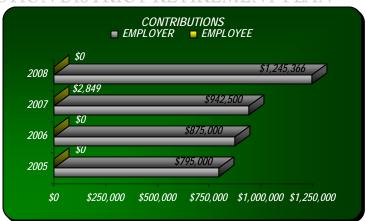
WENTZVILLE FIRE PROTECTION DISTRICT RETIREMENT PLAN





WEST COUNTY EMS & FIRE PROTECTION DISTRICT RETIREMENT PLAN





WEST OVERLAND FIRE PROTECTION DISTRICT RETIREMENT PLAN

