FIRE

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PENSION

ASSOCIATION

OF COLORADO



COMPREHENSIVE ANNUAL FINANCIAL REPORT for the fiscal year ended DECEMBER 31.1999

Introductory Section	
Letter of Transmittal	6
Board of Directors	13
Professional Consultants and Managers	14
Summary of FPPA Plan Information	15
Financial Section	
General Information	20
Independent Auditor's Report	21
Statement of Plan Net Assets	22
Statement of Changes in Plan Net Assets	24
Statement of Revenues, Expenditures and Changes in Fund Balance	26
Notes to the Financial Statements	27
Schedule of Funding Progress	40
Schedule of Employer and State Contributions	41
Notes to the Required Supplementary Information	42
Net Assets by Participant	44
Payments to Consultants	49
Schedule of Administrative and Investment Expenses	50
Investment Section	
Investment Section General Information	E 2
Asset Allocation	53
	58
`Top 20' Holdings	60
Fund Performance Summary	61
Schedule of Brokerage Commissions	62
Actuarial Section	
Actuary's Certification Letter	65
General Information and Actuarial Assumptions	66
Summary of Plan Provisions	
Statewide Defined Benefit Plan	69
Statewide Death & Disability Plan	74
Affiliated Local Plans	78
Statistical Section	
General Information	82
State Funding	85
Revenues: Sources & Allocation	87
Employers	88
Member Data	90
Other Programs	
General Information	94
Insurance	96

### Mission Statement

The Fire & Police

Pension Association

of Colorado

is committed to

safeguarding retirement funds,

administering benefits fairly

and providing superior,

cost effective service

to our members.



### Introductory Section

There were 153 employers participating in the
Statewide Defined Benefit Plan,
35 employers with employees covered by the
Statewide Money Purchase Plan,
364 employers covered by the
Statewide Death and Disability Plan,
58 affiliated local defined benefit plans,
4 affiliated local money purchase plans,
and 133 affiliated volunteer fire pension plans
as of December 31, <mark>1999.</mark>

Letter of Transmittal, page 6



Fire & Police Pension Association

Two DTC • 5290 DTC Parkway • Suite 100 Englewood, Colorado 80111-2721 303/ **770-3772** toll free 800/ 332-3772 • fax 303/ 771-7622

June 1, 2000

Board of Directors Fire and Police Pension Association

Dear Members of the Board of Directors:

We are pleased to submit to you the annual financial report for the Fire and Police Members' Benefit Fund ( the "Fund"), for the calendar year ended December 31, 1999. The Fund consists of the Statewide Defined Benefit Plan, the Statewide Death and Disability Plan, the Members' Statewide Money Purchase Plan Benefit Fund, and numerous separate local "old hire" and volunteer fire pension funds. In addition, for presentation purposes, the Fire and Police Members' Money Purchase Plan Benefit Fund has been included under the Fund.

The Fire and Police Pension Association was established January 1, 1980 and administers a statewide multiple employer public employee retirement system providing defined benefit plan coverage as well as death and disability coverage for police officers and firefighters throughout the State of Colorado. The Association also administers local defined benefit pension funds for police officers and firefighters hired prior to April 8, 1978 whose employers have elected to affiliate with the Association; for volunteer fire defined benefit plans; and for local money purchase (defined contribution) pension plans. Starting January 1, 1995, the Association began offering membership in the Statewide Money Purchase Plan. There were 153 employers participating in the Statewide Defined Benefit Plan, 35 employers with employees covered by the Statewide Money Purchase Plan, 364 employers covered by the Statewide Death and Disability Plan, 58 affiliated local defined benefit plans, 4 affiliated local money purchase plans, and 133 affiliated volunteer fire pension plans as of December 31, 1999.

The annual report for the calendar year 1999 consists of six sections: an introductory section which contains a transmittal letter along with general information about the Association; a financial section which contains the opinion of the Association's certified public accountants, the financial statements, footnotes and supplementary data; an investment section which contains a review of investment policies, holdings and activity for the year; an actuarial section which contains a summary of the results of the actuarial valuations and other related data; a statistical section which contains information on state funding of local pension plans (old hire) and the statewide death and disability plan; and a section containing an overview of other programs offered to members by FPPA, including FPPA's Section 457 Deferred Compensation Plan.

Additionally, graphs and charts of statistical data may be found throughout the report.

### Financial Highlights

#### General Economic Conditions

Unlike 1998, when events overseas, especially in Asia and Russia, had the most impact on domestic markets, 1999 saw a return to a focus on U.S. economic growth and inflation trends and their influence on Federal Reserve (Fed) policy. Chairman Greenspan suggested in January that "stock

prices may be too high relative to future profit growth" and that the economic expansion shows "scant signs" of an appreciable slowdown. In February the Fed Chairman also questioned whether the three rate cuts made in 1998 remained "appropriate" now that the global markets had "calmed". The Fed, however, took a wait and see approach for the first half of 1999, but in the second half of the year raised the federal funds rate by 0.25% on three separate occasions in an attempt to slow the economy.

The U.S. economy, however, continued to show signs of strong growth in 1999. At 2.7%, inflation, although higher than 1998's rate of 1.6%, also remained relatively low. U.S. gross domestic product increased 4.3 percent in 1999, with the strength due, in large part, to exceptionally robust consumer spending. Most indicators of labor market performance also showed continued strength in 1999, with total non-farm payroll employment increasing by 2.7 million. The unemployment rate moved downward in 1999, from 4.4% in the fourth quarter 1998 to 4.1% in the fourth quarter 1999, a 30-year low. Service-producing industries provided the overwhelming majority of employment growth, with manufacturing sector jobs declining in 1999.

In the capital markets, stock market investors took the rise in short-term interest rates in stride and focused instead on strong earnings gains, particularly in the high technology sector. In the equity markets, most gains were in the fourth quarter 1999. Bonds, in contrast, fell steadily throughout the year, with yields reaching two-year highs, and total returns in negative territory for the first time since 1994. The S&P 500 Stock Index, representing the overall U.S. stock market, registered a strong 21.0% (14.9% Q4) return in 1999. Smaller companies, as represented by the Russell 2000 Stock Index, also had a strong year, posting a 21.3% (18.4% Q4) return in 1999. The headline story, however, was the technology-heavy NASDAQ Index, which soared 85.9% (48.3% Q4) in 1999. Domestic bonds, affected by the Fed increase in interest rates, posted a return of -0.82% for 1999.

Internationally, as with the U.S. equity markets, a large portion of gains were posted in the fourth quarter. European equity markets had another solid period of performance, which is reflected in the MSCI Europe Index return of 15.9% (17.4% Q4) in 1999. Asian and emerging markets, previously devastated by the 1998 Asian financial crisis, rebounded strongly in 1999. The MSCI Pacific Basin Index posted a strong 57.6% (16.1% Q4) return and the MSCI Emerging Markets Free Index returned a remarkable 66.4% (25.4% Q4) in 1999. Non-U.S. bonds, however, followed the same course as domestic bonds, posting a -4.3% return in 1999.

In the commodity markets, oil prices moved from \$12 to \$26 per barrel on a combination of OPEC production cuts, strength in the emerging markets, and Iraq's suspension of oil exports later in the year. Gold prices drifted downward on fears of continued central bank selling (especially the Bank of England), then rallied sharply in late September as central banks announced changes in those plans. The price then fell as dramatically as it rose, ending the year roughly where it began.

### **Funding Status**

Each pension plan administered by FPPA must be separately funded. Assets from one plan cannot be used to pay the benefit obligations of any other plan. Therefore, the funding status of each individual plan must be judged separately.

For the Statewide Defined Benefit Plan, assets continue to exceed the pension benefit obligation as calculated according to GASB 25. There are no unfunded current liabilities under this plan in accordance with state statutory requirements. Assets continue to increase as a percentage of the liability for future benefits of all members.

#### Revenues

Revenues are used to fund the current and future retirement benefits established by the state legislature and local boards which are paid to retirees and their survivors by the Association. The primary sources of revenue include contributions from active members, employers and the state; new affiliations; and investment income. Revenues for the year 1999 amounted to \$531.3 million, an increase of \$172.5 million or 48.1% over 1998.

The net revenues for 1999 were comprised of \$32.4 million in member contributions, up 150% from \$12.9 million in 1998. Employer contributions totaled \$49.6 million in 1999, down 15.2% from \$58.5 million in 1998. The State of Colorado contributed \$27.1 million to plans affiliated with the Association in 1999. The Association's investment earnings for 1999 totaled \$396.3 million. Five volunteer fire pension plans and three local defined benefit pension plans elected to affiliate with the Association during 1999, bringing in \$25.8 million in assets.

Active membership is distributed as follows: 2,769 new hire members, up 10.3% from 2,531 in 1998; 810 exempt new hire members, up 5.9% from 765 the prior year; 1,241 old hire members, down 6.6% from 1,328 in 1998; 176 money purchase plan members, up 10.0% from 160 last year; 3,600 volunteer fire members, up 1.7% from 3,540; and 4,193 members covered for death and disability only. The paid members listed above are comprised of 41.5% police officers and 58.5% firefighters.

The net investment earnings portion of total revenues amounted to \$396.3 million, or 75% of the total revenue for 1999. Interest, dividends and other investment income increased by \$5.2 million over the prior year. Realized and unrealized gains on investment transactions increased \$142.0 million for 1999 over those in 1998. The total market value of the investment portfolio increased to \$2.615 billion, or an increase of \$412.4 million from \$2.202 billion at the end of 1998.

An explanation of FPPA's investment policies and asset allocation strategy, as well as the portfolio's composition are included in the investment section of this report. Additionally, a review of investment activity and performance for 1999 is included in that section.

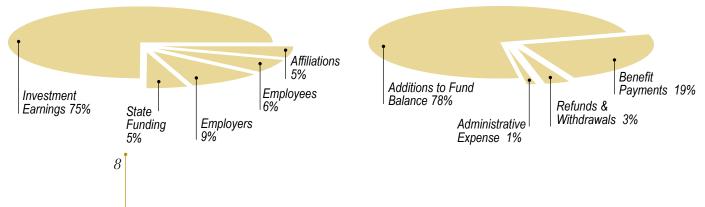
#### Expenses

The primary expenses of the Association include the payment of benefits to retirees and beneficiaries, the refund of contributions to former members, and the cost of administering the numerous pension plans. Expenses for the year 1999 totaled \$123.7 million, which is an increase of \$23.9 million or 23.9% over 1998.

Benefit payments to retirees and beneficiaries totaled \$101.5 million in 1999, up 23.0% or \$18.9 million from the prior year. The increase in benefit payments was due primarily to an increase in the number of retirees and beneficiaries receiving benefits, and a cost of living increase for the State-

1999 Revenues Allocation All Plans

### 1999 Revenues by Source All Plans



wide Defined Benefit Plan of 1.3%. Other increases ranged from 0% to 7.5% among the various local old hire plans, with average increases of 3.5% for those departments that granted increases. The number of retirees receiving benefit payments increased to 5,324 as of December 31, 1999, up 11.7% from 4,767 at the end of 1998.

Administration expenses of the fund increased to \$8.2 million in 1999 from \$7.3 million in 1998. This represented an increase of 11.4% in actual dollars, and .34% and .35% in 1999 and 1998, respectively, when expressed as a percentage of total assets. Administrative expenses include money management fees, which make up 64% of total administrative expenses. These fees are asset based and increase as the size of the fund increases.

### Other Programs and Services

During 1999, FPPA's Association Services Department continued its communication programs with members, employers and retirees. Approximately 326 presentations were made to members from 127 fire and police departments throughout the state about their death and disability benefits, retirement benefits, and other services provided by the Association. Much of this program is conducted on-site, with staff visiting fire stations and attending police roll calls, to assure that members have face-to-face meetings with FPPA staff on a regular basis. Thanks to exceptionally good response, we have continued the use of the computer program designed to assist members in planning for their future retirement needs, with the dollar projections shown in both future and current values, as well as being shown as a percentage of salary.

1999 also marks FPPA's twelfth year of offering various seminars to help members plan for retirement, both financially and psychologically. FPPA hosted a financial fitness seminar to review financial planning goals and investment strategies. They also held a wills, estates, taxes and trust seminar that offered practical information on developing financial strategies while planning for the future. The seminars continue to get excellent reviews by the attendees. FPPA strongly recommends these seminars to members, which are provided at no cost to the member or their spouse.

FPPA's Section 457 Deferred Compensation program was developed in 1990 in response to employee member requests. By the end of 1999, there were 51 employers participating in the plan. In 1991, FPPA began actively promoting the plan to police and fire departments within the state through the member visitation program. The program provides tax-deferred savings for the individual officers to save for their retirement needs and, with low management fees, more of the dollars invested are returned for the member's use in retirement.

FPPA has offered its money management services since 1990 to departments that have provided money purchase plans to their officers. FPPA currently has four departments affiliated for these services. In addition, in April 1993, the Colorado General Assembly authorized FPPA to create a new statewide money purchase plan. The plan took effect on January 1, 1995, and since that time, 35 departments have opted completely, or in part, from the Statewide Defined Benefit Plan into the Statewide Money Purchase Plan.

Departments who use FPPA to manage their assets experience the ability to have the same investment expertise and cost savings FPPA enjoys, applied to their smaller pool of funds. The members generally receive better rates of return for substantially lower administration costs than they could obtain on their own.

Since legislative approval in 1986, FPPA has offered the advantages of its money management services to volunteer fire department pension funds who choose to affiliate. At the end of 1999,

there were a total of 133 volunteer plans participating. Plans participating in FPPA are provided with an actuarial study every two years as well as an annual audit of their pension funds. FPPA also administers the state volunteer pension fund matching funds program for all volunteer departments statewide, regardless of affiliation, and serves as an information resource to assist departments with questions relating to their pension plans.

### Legislative Changes

House Bill 99-1062 improved the total disability benefit for members of the Statewide Death and Disability Plan by changing it to a "flat" 70% of salary, regardless of family status. Under prior law, members received a "tiered" benefit of 40% of salary, plus an additional 10% if there was a spouse and another 10% if there were dependent children. This law became effective January 1, 2000, and provided a one-time opportunity for members receiving disability benefits to select a new payment option.

House Bill 99-1063 improved the benefit for surviving spouses of members of the Statewide Death and Disability Plan who die while in active service. Under prior law, the benefits to these surviving spouses terminated upon their remarriage. This law allows continued payment of benefits until death, regardless of marital status. The law became effective January 1, 2000.

Senate Bill 99-1032 relocated certain cross-referenced material in the statutes. The bill sets forth directly in the Statewide Death and Disability Plan the pension payout options already available to disability retirees. Under prior law, members of the Statewide Death and Disability Plan determined their payout options by referring to the normal retirement option provisions of the Statewide Defined Benefit Plan.

Senate Bill 99-005 authorized members of the Statewide Defined Benefit Plan to purchase service credit for public safety employment, as such employment is defined by rules adopted by the FPPA Board. Members were also authorized to purchase up to five years of service credit for periods of active duty in the Uniformed Services of the United States.

### Accounting System and Internal Control

The financial statements included in this report, along with all other information provided, are the responsibility of the management of the Fire and Police Pension Association. The financial statements have been prepared in accordance with generally accepted accounting principles and reporting as required by the Governmental Accounting Standards Board and the Financial Accounting Standards Board.

Revenues are recognized when they are earned and become measurable, and expenses recorded as liabilities as they are incurred. Investments are stated at current market value, and trades booked on a trade-dated rather than settlement-dated basis. Investments in limited partnerships and pooled funds are carried at values adjusted to recognize the Association's share of net income or loss in the period reported. Fixed assets are capitalized at cost and depreciated over their useful lives. Contributions to the plans are based on principles of level cost funding, and are developed using the entry age normal cost method with current service financed on a current basis and prior service amortized over a 10 to 40 year period (depending on the type of plan). In management's opinion, the financial statements present fairly the financial position of the FPPA at December 31, 1999 and the result of its operations for the period then ended.

The financial statement format of the Comprehensive Annual Financial Report, as well as data presented in the Actuarial Section, has been changed to meet the requirements of GASB 25. While each of the plans administered by FPPA has been audited as a separate fund and identified separately in the auditors opinion, they are combined on the financial statements for presentation purposes. We have also chosen to include the assets and liabilities of the IRC 457 Deferred Compensation Plan, an expendable trust administered by FPPA.

The management of the Fire and Police Pension Association is also responsible for maintaining a system of internal accounting control designed to provide reasonable assurance that transactions are executed in accordance with generally accepted accounting principles. This system includes the appropriate segregation of duties and responsibilities, sound practices in the performance of those duties, capable personnel, and the organizational structure itself. We believe that the internal controls in effect during the year ended December 31, 1999 adequately safeguarded assets and provided reasonable assurance regarding the proper recording of financial transactions.

### Awards

The Government Finance Officers Association of the United States and Canada (GFOA) awarded a Certificate of Achievement for Excellence in Financial Reporting to the Fire and Police Pension Association for its comprehensive annual financial report for the fiscal year ended December 31, 1998. The Certificate of Achievement is a prestigious national award recognizing conformance with the highest standards for preparation of state and local government financial reports.

In order to be awarded a Certificate of Achievement, a government unit must publish an easily readable and efficiently organized comprehensive annual financial report, whose contents conform to program standards. Such CAFR must satisfy both generally accepted accounting principles and applicable legal requirements.

A Certificate of Achievement is valid for a period of one year only. We believe our current report continues to conform to the Certificate of Achievement program requirements, and we are submitting it to GF0A.

### Acknowledgments

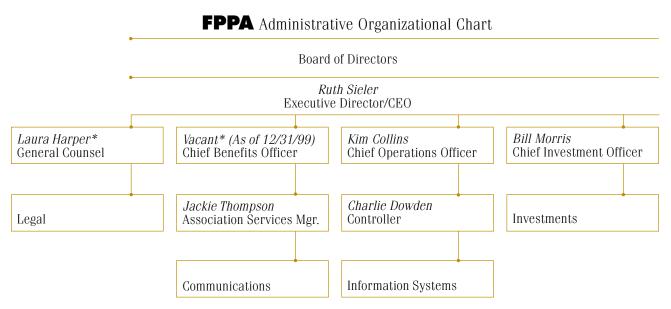
This annual report of the Fire and Police Pension Association was prepared through the combined efforts of the FPPA staff under the leadership of the Board of Directors. It is intended to provide complete and reliable information which may be used as a basis for making management decisions and as a means for determining compliance with state statutes.

This report is being mailed to the State Auditor, the Joint Budget Committee, the State Pension Reform Commission, all participating employers, and other interested parties.

Respectfully submitted,

Ruth T. Sieler

Ruth T. Sieler Executive Director/CE0



\*Editors Note: As of the publication of this report 6/30/00, Laura Harper has been named Chief Benefits Officer and Kevin Lindahl has been named General Counsel.

By state statute, the management of the Members' Benefit Fund is vested in the Board of Directors of the Fire and Police Pension Association of Colorado. The nine members of the Board of Directors serve four-year staggered terms. Appointed by the Governor and confirmed by the Senate, the FPPA Board of Directors is composed of:

Two members representing Colorado municipal employers;

One member representing full-time paid firefighters;

**One** member representing full-time paid police officers;

**One** member who is a retired police officer and who, upon completion of his term, is replaced by a retired firefighter. Thereafter, the appointment of retired officers alternates between a retired police officer and a retired firefighter for each successive four year term;

**One** member who is either a member of the Board of Directors of a special district, or is the fulltime paid professional manager of a special district to represent special districts having volunteer firefighters;

One member from the state's financial or business community with experience in investments;

**One** member from the state's financial or business community with experience in insurance disability claims; and

**One** member of the state's financial or business community experienced in personnel or corporate administration in corporations of over 200 employees.

Specific duties of the Board of Directors include investing and managing the FPPA benefit fund, disbursing money from that fund, setting required contribution levels, and determining the award of disability and survivor benefits. The Board of Directors also appoints an Executive Director who is FPPA's chief administrative officer. The Executive Director/CEO appoints FPPA staff who are responsible for the day-to-day administration of the state firefighter and police pension funds.

The FPPA Board of Directors accomplishes its business at regular meetings, held monthly at the Association's Englewood offices. In accordance with state law, each meeting's proposed agenda items are posted in the lobby directory of FPPA's offices at least 24 hours in advance. All meetings begin between 9 and 10 am and are open to the public.

## Introductory Section

### Board of Directors















L. Kristine Gardner Chair of the Board Member since 10.20.88 Senior VP - Alpine Banks of Colorado, Glenwood Springs Current term expires 8.31.00

Randall E. Atkinson Vice Chair of the Board Member since 2.2.88 Lieutenant - Denver Fire Department Current term expires 9.01.01

David McConnel Member since 8.28.97 Retired Fire Captain - Pueblo Fire Department Current term expires 9.01.01

Ronald M. Lappi Member since 2.11.91 Finance Director - Grand Junction Current term expires 8.31.02

Gary E. West Member since 2.22.95 Vice Pres. Human Resources - CIGNA Healthcare, Denver Current term expires 8.31.02

Raymond M. Mitchell Member since 10.5.89 Principal - RIM Unlimited, Inc., Lakewood Current term expires 8.31.02

Ed Lujan Member since 10.20.88 Captain - Denver Police Department Current term expires 8.31.00

#### Professional Consultants and Managers

Professional Consultants

Actuarial Buck Consultants

Auditor BONDI & Co., LLP

#### **Board Medical Advisor** Dr. Gerald Starkey

**Investment Consultant** Pension Consulting Alliance

**Legal Counsel** Gorsuch, Kirgis, L. L. C.

### Master Custodian/Trustee

State Street Bank & Trust

#### **Investment Managers**

# Domestic Equities & Pooled Investments

Brandywine Asset Management Inc. J.P Morgan Investment Management Inc. State Street Global Advisors Thomson, Horstmann & Bryant, Inc.

#### **Domestic Fixed Income**

Bradford & Marzec, Inc. Pacific Investment Management Co. Trust Company of the West Western Asset Management Co.

#### International Equities

Morgan Stanley Asset Management Putnam Advisory Company, Inc. State Street Global Advisors

#### International Fixed Income

Morgan Grenfell Investment Services Strategic Fixed Income, L. P.

### **Real Estate**

Apollo Real Estate Hancock Timber Fund PM Realty Advisors, Inc. Prudential Asset Management Company RREEF Funds

#### Venture Capital & Alternative Investments

**ABS** Capital Partners Apollo Investment Fund Aurora Equity Partners **Blackstone Partners** Boston Ventures, LP Candover Partners LTD Centennial Funds Charles River Ventures Chisolm Partners Colorado Incubator Fund Columbine Venture Management, Inc. Doughty Hanson & Company Falcon Fund First Reserve Fund **Glenwood Ventures** Hancock International Venture Fund Harvest Partners Heritage Fund Nordic Capital **Oxford Partners** Pacific Corporate Group **Prince Ventures** SKM Equity Fund Sprout Capital L.P. **TCW Special Credits Fund** TH Lee Equity Fund **TPG** Partners Vestar Capital Partners Willis Stein & Partners, LP

### Summary of FPPA Plan Information

The Fire and Police Members' Benefit Fund (the Common Fund) is established pursuant to Title 31, Article 31, Part 3 of the Colorado Revised Statutes, as amended. As trustee of the Common Fund, the Fire and Police Pension Association of Colorado (FPPA) collects, invests, administers and disburses monies on behalf of firefighters and police officers throughout the State of Colorado for:

*The Statewide Defined Benefit Plan,* a retirement plan for firefighter and police employees hired in the State of Colorado on or after April 8, 1978;

The Statewide Death and Disability Plan; and

The Statewide Money Purchase Plan, which began operations as of January 1, 1995.

Affiliated plans of the Common Fund include:

*money purchase pension plans,* in the State of Colorado who have chosen to affiliate with FPPA;

*local defined benefit pension plans* for firefighter and police employees in the State of Colorado hired before April 8, 1978 (old hires) whose employers have chosen to affiliate with FPPA; and

*volunteer firefighter defined benefit pension plans* in the State of Colorado who have chosen to affiliate with FPPA.

Each of the pension plans mentioned above has their assets pooled for investment purposes in the FPPA Common Fund. All transactions that are specific to each plan (contributions, retirement benefit payments, refunds, etc.) are accounted for by plan. The old hire, money purchase and volunteer plans that have chosen to affiliate with FPPA for investment and administrative purposes are still governed by their local plan document and local pension board, and, (except for the money purchase plans), each has a separate actuarial valuation done every two years. Only the Statewide Defined Benefit Pension Plan, the Statewide Money Purchase Plan and the Statewide Death and Disability Plan are governed by the FPPA Board of Directors.

The following is a brief summary of the basic provisions of the Statewide Defined Benefit Pension Plan and the Statewide Death and Disability Plan and is provided for informational purposes only. Participants should refer to the Colorado Revised Statutes, as amended, for more complete information.

### Statewide Defined Benefit Plan

The plan is a defined benefit pension plan covering substantially all full-time employees of participating firefighter or police departments in Colorado hired on or after April 8, 1978 (new hires), provided that they are not already covered by an exempt or withdrawn local pension plan. The plan became effective January 1, 1980.

Employees hired before April 8, 1978 (old hires) may be covered by the plan provided that their employer is affiliated with the Association. An employer has the opportunity to affiliate on January 1 of each year. Old hire employees have 60 days from the date of affiliation by their employer to elect whether to adopt the plan's schedule of benefits or to remain with the employer's old hire plan's previous schedule. A requirement of affiliation is that the affiliating employer transfers assets to the plan equivalent to the total accrued actuarial liability of employees who transfer to the plan.

Employers had the option to elect to withdraw from the plan until a change in state statute was

#### Summary of FPPA Plan Information

passed which permitted no further withdrawals after January 1, 1988.

#### Pension Benefits

On May 23, 1983, the Colorado Revised Statutes were amended to allow the Trustees of the plan to change the retirement age on an annual basis, depending upon the results of the actuarial valuation and other circumstances. The amended statutes state that the retirement age should not be less than age 55 or more than age 60. The Trustees subsequently approved an age of 55 retirement age. Any member may be retired from further service and shall be eligible for a normal retirement pension at any time after attaining the age of 55 years, if the member has at least 25 years of service.

The annual normal pension is 2% of the average of the member's highest three years' base salary multiplied by the member's years of service prior to age 60 (not to exceed 25) plus 2% of the average for each additional year worked after completing 25 years and reaching age 55 for a maximum additional benefit of 20%. Benefits paid to retired members are evaluated and redetermined on October 1 of each year. Any increase in the level of benefits cannot exceed the lesser of the increase in the Consumer Price Index or 3%. In addition, upon retirement a participant may receive additional benefits credited to the participant's "Separate Retirement Account" each year beginning January 1, 1988, which are attributable to contributions in excess of the actuarially determined pension cost for the plan's defined benefits, plus any earnings or losses thereon. Participants do not vest in amounts credited to their account until retirement and the plan may use such reserve amounts to reduce pension costs in the event such costs exceed contributions.

A member is eligible for an early retirement benefit after completion of 30 years of service or attainment of age 50. The early retirement benefit shall be the normal retirement benefit reduced by 1/2 of 1% for each month that the benefit commences prior to age 60.

Upon termination, an employee may elect to have all contributions, together with 5% as interest, returned as a lump sum distribution. Alternatively, a member with at least 10 years of accredited service may leave contributions with the plan and continue to be eligible for a retirement pension at age 55 equal to 2% of the member's highest three years' average salary multiplied by the number of service years (not to exceed 25).

#### Contributions

It is the policy of the plan that the contribution rate be established at a level that will result in all benefits being fully funded at the retirement date of all new hires. At the present time, both employers and employees are required by Colorado statute to contribute 8% of the employee's salary to the plan.

#### Interest in the Undivided Net Assets of the Common Fund

At December 31, 1999 and 1998, the plan had an interest of 14.9% and 14.2%, respectively, in the undivided net assets of the FPPA Members' Benefit Fund.

#### Historical Trend Information

Historical trend information designed to provide information about the plan's progress in accumulating sufficient assets to pay benefits when due is presented in the statistical section.

### Summary of FPPA Plan Information

### Statewide Death and Disability Plan

The plan is in the nature of a self-insured employee welfare benefit plan, covering full-time employees of substantially all firefighter and police departments in Colorado. Contributions to the plan are used solely for the payment of death and disability benefits.

For covered employees hired prior to January 1, 1997, the plan is funded by the State of Colorado whose contributions are established by Colorado statute. For covered employees hired on or after January 1, 1997, the plan is funded through local employer and/or member contributions. In addition, there were seven contributing employers as of December 31, 1999, who are covered by Social Security and have also elected supplementary coverage by the statewide plan.

### Benefits

If a member dies prior to retirement, the surviving spouse is entitled to a benefit equal to 25% of the member's monthly base salary. Dependent children are also entitled to benefits according to an established scale. Benefit entitlement continues until death of the spouse and death, marriage, or other termination of dependency of children.

A member who becomes disabled prior to retirement is eligible for disability benefits. The benefit is 40% of base salary for cases of total disability and 30% for cases of occupational disability, reduced by the amount of certain other benefits received. These benefits are increased by an additional 10% of base salary if the member has a spouse and a further 10% of base salary if the member has any dependent children. A cost of living adjustment may be granted annually in an amount that does not exceed the greater of the CPI or 3%.

As of January 1, 2000 the benefit for cases of total disability increases to 70% of base salary , reduced by the amount of certain other benefits received. The percentage is regardless of family status.

### Interest in the Undivided Net Assets of the Common Fund

At December 31, 1999 and 1998, the plan had an interest of 9.4% and 9.6% respectively in the undivided net assets of the FPPA Members' Benefit Fund.

### Historical Trend Information

Historical trend information designed to provide information about the plan's progress in accumulating sufficient assets to pay benefits when due is presented in the schedules in the statistical section.

## **Financial Section**

The Fire and Police Members' Benefit Fund

(the Common Fund) was established in 1980

pursuant to the Colorado Revised Statutes of 1973,

as amended. Funds are administered

by a nine member Board of Directors

appointed by the Governor, and

confirmed by the Senate to serve

four-year staggered terms. The trustee, the

Fire and Police Pension Association of Colorado (FPPA),

collects, invests, administers, and

disburses monies on behalf of

firefighters and police officers

in the State of Colorado.

Financial Section, page 27

### General Information

The Members' Benefit Fund consists of the Statewide Defined Benefit Plan, the Statewide Death and Disability Plan, the Statewide Money Purchase Plan Benefit Fund, plus 58 local defined benefit funds, four local money purchase funds and 133 affiliated volunteer firefighter pension funds.

An audit is performed annually on each of the following funds:

The Members' Benefit Fund The Statewide Defined Benefit Plan The Statewide Death and Disability Plan Statewide Money Purchase Plan Benefit Fund The Money Purchase Plan Benefit Fund.

General information about each statewide fund can be found in the Introductory Section of this annual report. A listing of employers participating in each plan can be found in the Statistical Section of this report. All data in this annual report, other than the audit reports which follow, has not been audited by FPPA's outside auditors.

Independent Auditors' Report

Bondi Letter

Statement of Plan Net Assets - December 31, 1999				
	AFFILIATED LOCAL PLANS	STATEWIDE DEATH & DISABILITY	STATEWIDE DEFINED BENEFIT	
ASSETS				
Cash and Cash Equivalents (Note 4)	<u>\$ 71,580,053</u>	<u>\$ 8,868,755</u>	<u>\$ 14,049,701</u>	
Investments (Note 4)				
U.S. Government Agency Obligations	185,972,660	23,038,051	36,464,726	
Corporate Bonds	192,497,313	23,846,317	37,744,053	
Domestic Equity Securities	719,369,316	89,114,535	141,050,869	
International Equity Securities	552,014,887	68,382,886	108,236,726	
International Fixed Income	76,823,188	9,516,757	15,063,163	
Venture Capital	72,214,996	8,857,209	14,143,116	
Real Estate	135,026,169	16,815,557	26,491,849	
Securities Lending Investment Pool	126,937,775	15,724,886	24,889,418	
Other	120,001,110	10,724,000	24,000,410	
Total Investments	2,060,856,304	255,296,198	404,083,920	
Total Cash and Investments	2,132,436,357	264,164,953	418,133,621	
Receivables				
Other	4,187	518	821	
Assets Sold-Pending Trades	4,372,996	541,721	857,438	
Notes Receivable	58,534	7,251	11,477	
Contributions	,	90,511	1,271,068	
Accrued Interest and Dividends	9,402,725	1,164,797	1,843,646	
Total Receivables	13,838,442	1,804,798	3,984,450	
Properties and Equipment, at Cost, Net of Accumulated				
Depreciation (Note 6)	1,266,679	<u> </u>	248,365	
Other Assets	89,069	11,034	17,464	
TOTAL ASSETS	2,147,630,547	266,137,700	422,383,900	
LIABILITIES				
Payables				
Funding Account Overdraft				
Accounts, Employee and Participants Payable	1,631,669	202,129	319,931	
For Assets Purchased-Pending Trades	53,101,844	6,578,187	10,411,983	
Amounts Owed for Securities Lending Transactions (Note 4)	126,937,775	15,724,886	24,889,418	
TOTAL LIABILITIES	181,671,288	22,505,202	35,621,332	
NET ASSETS AVAILABLE FOR PENSION BENEFITS/FUND BA (A Schedule of Funding Progress for each Plan	LANCE RESERVED FC	K WIINDRAWALS		
(A Schedule of Funding Progress for each Plan is presented on Page 40)	LANCE RESERVED FC \$ 1,965,959,259	\$ 243,632,498	\$ 386,762,568	

The accompanying notes are an integral part of the financial statements.

## Financial Section

TOTAL DEFINED BENEFIT	MEMBERS' MONEY PURCHASE	MEMBERS' STATEWIDE MONEY PURCHASE	IRC 457 EXPENDABLE TRUST	COMBINED TOTALS (MEMORANDUM ONLY) 1999	COMBINED TOTALS (MEMORANDUM ONLY) 1998
					•
<u>\$ 94,498,509</u>	<u>\$ 543,888</u>	<u>\$ 118,524</u>	<u>\$0</u>	<u>\$ 95,160,921</u>	<u>\$ 206,834,749</u>
245,475,437	1,412,839	307,886	871,195	248,067,357	235,040,020
254,087,683	1,462,407	318,688	519,533	256,388,311	218,322,021
949,534,720	5,465,068	1,190,947	16,736,166	972,926,901	850,329,677
728,634,499	4,193,672	913,884	1,069,179	734,811,234	474,939,734
101,403,108	583,628	127,183	0	102,113,919	111,021,227
95,215,321	543,180	118,370	0	95,876,871	58,657,838
178,333,575 167,552,079	1,031,236 964,350	224,727 210,151	0 0	179,589,538 168,726,580	174,756,202 206,530,531
107,552,075	304,330	210,101	U	100,720,000	200,000,001
2,720,236,422	15,656,380	3,411,836	19,196,073	2,758,500,711	2,329,605,026
2,814,734,931	16,200,268	3,530,360	19,196,073	2,853,661,632	2,536,439,775
5,526	32	7	0	5,565	19,374
5,772,155	33,222	7,240	0	5,812,617	1,580,524
77,262	445	97	0	77,804	112,684
1,361,579 <u>12,411,168</u>	189,136 71,433	15,881 <u>15,567</u>	0	1,566,596 12,498,168	2,367,302 9,913,823
19,627,690	294,268	38,792	0	19,960,750	13,993,707
,	,		, , , , , , , , , , , , , , , , , , ,		,
<u> </u>	9,623	2,097	0	<u> </u>	1,603,516
117,567	677	147	0	118,391	86,801
2,836,152,147	16,504,836	3,571,396	19,196,073	2,875,424,452	2,552,123,799
					255,375
2,153,729	12,396	2,701	0	2,168,826	1,729,470
70,092,014	403,416	87,912	0	70,583,342	128,271,366
167,552,079	964,350	210,151	0	168,726,580	206,530,531
239,797,822	1,380,162	300,764	0	241,478,748	336,786,742
\$ 2,596,354,325	\$ 15,124,674	\$ 3,270,632	\$ 19,196,073	\$ 2,633,945,704	\$ 2,215,337,057
 Ψ 2,030,00 <del>4</del> ,020	Ψ IJ,IZ4,UI4	ψ 5,270,032	ψ 13,130,013	<i>v</i> 2,033,343,704	Ψ 2,210,331,0J1

	AFFILIATED	STATEWIDE	
	LOCAL	DEATH &	
	PLANS	DISABILITY	
ADDITIONS			
Contributions (Note 3)			
Employer	\$ 38,699,045	\$ 878,546	
Plan Member	22,642,081	434,958	
Affiliations	25,807,791		
State Contributions	27,114,921		
Total Contributions	114,263,838	1,313,504	
Investment Income			
Net Appreciation in Fair Value of Investments	246,539,874	30,586,713	
Interest	30,753,429	3,883,243	
Dividends	8,418,975	1,063,506	
Net Real Estate Investment Income	8,443,699	1,063,396	
Securities Lending Income	8,052,929	997,586	
Other Income	6,437,150	<u>814,041</u>	
Total Investment Income	308,646,056	38,408,485	
Total Investment Income	300,040,030	30,400,400	
Less Investment Counsel	67,710	8,388	
Less Investment Management Fees	3,622,072	448,698	
Less Securities Lending Borrowers Rebates	7,112,423	881,078	
Less Securities Lending Agent Fees	235,333	<u>29,153</u>	
Net Investment Income	297,608,518	37,041,168	
Total Additions	411,872,356	38,354,672	
DEDUCTIONS			
Benefit Payments	94,171,154	6,837,607	
Refunds of Contributions	12,517,984		
Administrative Costs	2,479,169	313,511	
Total Deductions	109,168,307	7,151,118	
NET INCREASE IN PLAN NET ASSETS	302,704,049	31,203,554	
NET ASSETS AVAILABLE FOR PENSION BENEFITS	S		
BEGINNING OF YEAR	1,663,255,210	212,428,944	
END OF YEAR	\$ 1,965,959,259	\$ 243,632,498	

Statement of Changes in Plan Net Assets Available for Benefits for the year ended December 31, 1999

## Financial Section

STATEWIDE DEFINED BENEFIT	TOTAL DEFINED BENEFIT	MEMBERS' MONEY PURCHASE	MEMBERS' STATEWIDE MONEY PURCHASE	COMBINED TOTALS (MEMORANDUM ONLY) 1999	COMBINED TOTALS (MEMORANDUM ONLY) 1998
\$ 9,473,201 8,554,481	\$ 49,050,792 31,631,520 25,807,791 27,114,921	\$ 352,195 389,377	\$ 233,340 407,933	\$ 49,636,327 32,428,830 25,807,791 27,114,921	\$ 58,500,005 12,991,623 9,324,380 26,989,691
18,027,682	133,605,024	741,572	641,273	134,987,869	107,805,699
47,668,520 5,934,654 1,627,785 1,651,181 1,578,984 <u>1,238,011</u> 59,699, <i>1</i> 35	324,795,107 40,571,326 11,110,266 11,158,276 10,629,499 <u>8,489,202</u> 406,753,676	61,178 <u>3,417,574</u> 3,478,752	13,332 <u>688,088</u> 701,420	324,795,107 40,571,326 11,110,266 11,158,276 10,704,009 <u>12,594,864</u> 410,933,848	182,760,062 41,735,847 9,442,714 9,501,962 9,275,892 <u>11,023,636</u> 263,740,113
13,276 710,200 1,394,574 <u>46,143</u> 57,534,942	89,374 4,780,970 9,388,075 <u>310,629</u> 392,184,628	514 27,517 54,033 <u>1,788</u> 3,394,900	112 5,996 11,755 <u>390</u> 683,167	90,000 4,814,483 9,453,863 <u>312,807</u> 396,262,695	90,000 4,209,531 8,294,828 <u>245,456</u> 250,900,298
75,562,624	525,789,652	4,136,472	1,324,440	531,250,564	358,705,997
419,623 1,284,193 461,818	101,428,384 13,802,177 3,254,498	63,531 63,806	4,921 185,628	101,496,836 14,051,611 3,254,498	82,533,683 9,963,185 3,024,568
2,165,634	118,485,059	127,337	190,549	118,802,945	95,521,436
73,396,990	407,304,593	4,009,135	1,133,891	412,447,619	263,184,561
313,365,578	2,189,049,732	11,115,539	2,136,741	2,202,302,012	1,939,117,451
\$ 386,762,568	\$2,596,354,325	\$ 15,124,674	\$ 3,270,632 \$	2,614,749,631	\$ 2,202,302,012

atement of Reve	nues, Expenditures and Changes in Fund Balance	
r the year ended	December 31, 1999	
	•	
		IRC 457 EXPENDABLE TRUST
	• REVENUES	
	Contributions	
	Plan Member	\$ 2,144,922
	Total Contributions	2,144,922
	Investment Income	
	Net Appreciation in Fair Value of Investments	3,361,043
	Dividends	<u> </u>
	Total Investment Income	4,780,853
	Total Revenues	6,925,775
	EXPENDITURES	
	Withdrawals	<u> </u>
	Total Expenditures	764,747
	EXCESS OF REVENUES OVER EXPENDITURES	6,161,028
	FUND BALANCE RESERVED FOR WITHDRAWALS	
	BEGINNING OF YEAR	13,035,045
	END OF YEAR	\$ 19,196,073

The accompanying notes are an integral part of the financial statements.

### NOTE 1

### ORGANIZATION

The Fire and Police Members' Benefit Fund (the Common Fund) was established in 1980 pursuant to the Colorado Revised Statutes of 1973, as amended. Funds are administered by a nine member Board of Directors appointed by the Governor, and confirmed by the Senate to serve four-year staggered terms. The trustee, the Fire and Police Pension Association of Colorado (FPPA), collects, invests, administers, and disburses monies on behalf of fire fighters and police officers in the State of Colorado for the following plans/funds:

Defined benefit retirement plans for fire and police employees in the State of Colorado hired before April 8, 1978, (Old Hires) providing that such plans have affiliated with FPPA, and affiliated volunteer fire pension plans in the State of Colorado. This is an agent multiple-employer plan. These plans are reported as the Affiliated Local Plans Fund.

The Statewide Death and Disability Fund is a defined benefit plan. This is a cost sharing multipleemployer plan.

The Statewide Defined Benefit Plan Fund is a defined benefit plan for fire and police employees hired in the State of Colorado on or after April 8, 1978. This is a cost sharing multiple-employer plan.

The Members' Money Purchase Plan Benefit Fund administers defined contribution plans for fire and police employees hired in the State of Colorado providing that such plans have affiliated with FPPA. This is an agent multiple-employer defined contribution plan.

The Members' Statewide Money Purchase Plan Benefit Fund is cost sharing multiple-employer defined contribution plan.

The Expendable Trust Fund is a deferred compensation plan created under Internal Revenue Code Section 457. This Fund collects amounts deferred by participants of affiliated plans. The assets are held in trust for the exclusive benefit of participants.

In order to facilitate investing, and to reduce operating costs, FPPA pools investments in what is known as the Common Fund. Each month shared revenues (i.e. investment income) and shared operating expenses are allocated to each affiliate, and to the statewide plans, based upon each plan's proportionate share of total assets.

### NOTE 2

### SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

### (a) Basis of Accounting

The accompanying financial statements were prepared using the accrual basis of accounting for the Affiliated Local Plans, Statewide Death and Disability Plan, Statewide Defined Benefit Plan, Members' Money Purchase Plan, and Statewide Members' Money Purchase Plan in accordance with generally accepted accounting principles applicable to governmental accounting in accordance with GASB Statement No. 25. The Expendable Trust Fund was prepared using the modified accrual basis of accounting. Member and employer contributions for all plans are recognized as additions/ revenues in the period in which employee services are performed, and deductions/expenditures are recorded when incurred regardless of when payment is made.

#### (b) Reporting Entity

The Governmental Accounting Standards Board has specified the criteria to be used in defining a governmental entity for financial reporting purposes. In accordance with Governmental Accounting Standards, FPPA has considered the possibility of inclusion of additional entities in its comprehensive annual financial report. The definition of the reporting entity is based primarily on financial accountability. FPPA is financially accountable for organizations that make up its legal entity. It is also financially accountable for legally separate organizations if FPPA appoints a voting majority of the organization's governing body and is either able to impose its will on that organization or there is a potential for benefits to, or to impose, specific financial burdens on FPPA. FPPA may also be financially accountable for governmental organizations that are fiscally dependent upon it.

Based upon the application of the above criteria, FPPA has no includable entities. In addition, FPPA is not included in the financial statements of any other entity.

#### (c) Investments

Investments are recorded at fair value using quoted market prices, except for real estate which is recorded at estimated fair value based upon periodic appraisals and valuations, investments in limited partnerships which are recorded at estimated fair value as derived from the financial statements of the partnerships, and guaranteed investment contracts which are recorded at contract value. Investment transactions are accounted for on the trade date.

Dividend income is recorded on the ex-dividend date. Interest income is accounted for using the accrual method of accounting.

#### (d) Cash and Cash Equivalents

Cash and Cash equivalents consist of money market funds, cash held by money managers, certificates of deposit, and demand deposits.

#### (e) Property and Equipment

Property and equipment is stated at cost, less any write-downs for impairment in value, and is depreciated using the straight-line method over estimated lives as follows:

Computer and office equipment	3 to 5 years
Vehicles	5 years
Furniture	10 years
Building and Improvements	30 years

#### (f) Income Taxes

FPPA is exempt from federal income taxes under Section 501(c)(9) of the Internal Revenue Code.

#### (g) Member Transactions

Funds invested by members include payroll contributions made by member police officers and fire fighters, contributions of affiliated employers on behalf of their police officers and fire fighters, contributions from the State of Colorado, and contributions of plan assets by newly affiliated plans of formerly non-participating entities. Contributions by members and their employers for the Statewide Defined Benefit Plan and the Statewide Death and Disability Plan are recognized in the period in which employee services are performed.

Funds withdrawn by members include benefit payments to members, refunds paid to terminated

employees, and withdrawals of deferred amounts.

### (h) Estimates

The preparation of the Financial Statements in conformity with Generally Accepted Accounting Principles requires management to make estimates and assumptions that affect the reported amounts of assets, liabilities, revenues, and expenses. Actual results could differ from these estimates. Actuarially determined future benefit payments require the use of significant estimates. The Association believes that the techniques and assumptions used in establishing these estimates are appropriate.

### (i) Reclassification of Prior Year Amounts

Certain amounts in the prior year financial statements have been reclassified to conform to the current year presentation.

### NOTE 3

### PLAN DESCRIPTIONS

(A) Affiliated Local Plans

#### (1) Plan Description

This is an agent multiple-employer Public Employee Retirement System (PERS). There are 191 local plans affiliated with the Association.

The Affiliated Local Plans represent the assets of a number of separate plans, which have been pooled for investment purposes. The other pension plans (volunteer and paid) represented in the Affiliated Local Plans investment pool, have elected to affiliate with FPPA for plan administration and investment only. Each plan has a separate plan document, actuarial valuation, and is governed by its own local pension board.

#### (2) Contributions and Benefit Provisions

As each affiliated member has its own plan, there is no uniform amount for either contributions or benefit provisions.

#### (3) Membership

These plans are for the benefit of two distinct groups. The first of those are fire and police employees of affiliated employers hired prior to April 8, 1978, (Old Hires). The other group is volunteer firefighters of affiliated plans. The membership of these two groups as of December 31, 1999, are comprised as follows:

Retirees and Beneficiaries Currently Receiving Benefits Terminated Vested Employees Entitled	4,232	
to Benefits But Not Yet Receiving Them Current Employees - Active Current Volunteers - Active	411 2,051 3,600	
Total Members	10,294	

### (B) Statewide Death and Disability Plan

#### (1) Plan Description

The Plan is a multi-employer cost sharing defined benefit plan covering full-time employees of substantially all fire and police departments in Colorado. Contributions to the Plan are used solely for the payment of death and disability benefits. The Plan was established in 1980 pursuant to Colorado Revised Statutes.

#### (2) Contributions

Prior to 1997, the Plan was primarily funded by the State of Colorado, whose contributions were established by Colorado statute. In addition, there were 7 contributing employers as of December 31, 1999, who are covered by Social Security and have also elected supplementary coverage by the statewide plan. The State made a one-time contribution in 1997 of \$39,000,000 to fund the past and future service costs for all firefighters and police officers hired prior to January 1, 1997. No further State contributions are anticipated. Members hired on or after January 1, 1997, contribute 2.30%, of payroll to this fund. This percentage can vary depending on actuarial experience.

#### (3) Benefits

If a member dies prior to retirement, the surviving spouse is entitled to a benefit equal to 25% of the member's monthly base salary. Dependent children are also entitled to benefits according to an established scale. Benefit entitlement continues until death of the spouse and death, marriage, or other termination of dependency of children.

A member who becomes disabled prior to retirement shall be eligible for disability benefits. The benefit is 70% of base salary for cases of total disability and 30% for cases of occupational disability, reduced by the amount of certain other benefits received. These occupational disability benefits are increased by an additional 10% of base salary if the member has a spouse and further 10% of base salary if the member has any dependent children.

Benefits paid to members are evaluated and may be re-determined on October 1 of each year. Any increase in the level of benefits cannot exceed the lesser of the increase in the Consumer Price Index or 3%.

#### (4) Membership

The participating employees (members) of the Plan as of December 31, 1999, are comprised as follows:

Retirees and beneficiaries receiving benefits Active non-vested members	495 8,739	
Total Members	9,234	•

### (C) Statewide Defined Benefit Plan

### (1) Plan Description

The Plan is a multi-employer cost sharing, defined benefit pension plan covering substantially all full-time employees of participating fire or police departments in Colorado hired on or after April 8, 1978, (New Hires), provided that they are not already covered by a statutorily exempt plan. The

Plan became effective January 1, 1980. The Plan currently has 128 contributing employers.

Employees hired before April 8, 1978, (Old Hires) may be covered by the Plan provided that their employer is affiliated with the Association. An employer has the opportunity to affiliate on January 1 of each year. A requirement of coverage under the Statewide Plan is that the affiliating employer transfer assets to the Plan equivalent to the total actuarial liability of employees who also transfer to the Plan.

Employers had the option to elect to withdraw from the Plan until a change in state statutes was passed which permitted no further withdrawals after January 1, 1988.

#### (2) Contributions

It is the policy of the Plan that the contribution rate be established at a level that will result in all benefits being fully funded at the retirement date of all members of the Statewide Defined Benefit Plan. At the present time, both employers and employees are required by Colorado statute to contribute 8% of the employees' salary to the Plan. In addition, certain employers who are covered by Social Security have also elected supplementary coverage by the statewide plan. Based upon an estimated payroll, the actuarially determined contributions for 1999 are \$9,783,352, representing 8.988% of base payroll.

#### (3) Benefits

Employees have 60 days from the date of affiliation by their employer to elect whether to adopt the Plan's schedule of benefits or to remain with the employer's previous schedule.

On May 23, 1983, the Colorado Revised Statutes were amended to allow the Trustees of the Plan to change the retirement age on an annual basis, depending upon the results of the actuarial valuation and other circumstances. The amended statutes state that the retirement age should not be less than age 55 or more than age 60. The Trustees subsequently elected to amend the retirement provisions, effective July 1, 1983 to state that any member may be retired from further service and shall be eligible for a normal retirement pension at any time after attaining the age of 55 years, if the member has at least 25 years of service.

The annual normal pension shall be 2% of the average of the member's highest three years' base salary multiplied by the member's years of service prior to age 60 (not to exceed 25) plus 2% of the average for each additional year worked after completing 25 years and reaching age 55 for maximum additional benefit of 20%. Benefits paid to retired members are evaluated and redetermined October 1 of each year. Any increase in the level of benefits cannot exceed the lesser of the increase in the Consumer Price Index or 3%. In addition, upon retirement a participant may receive additional benefits credited to the participant's "Separate Retirement" account each year after January 1, 1988. These are attributable to contributions in excess of the actuarially determined pension cost and any earnings or losses thereon. Participants do not vest in amounts credited to their account until retirement and the Plan may use such stabilization reserve amounts to reduce pension cost in the event such cost exceeds contributions.

A member shall be eligible for an early retirement benefit after completion of 30 years of service or attainment of age 50. The early retirement benefit shall be the normal retirement benefit reduced by  $\frac{1}{2}$  of 1% for each month that the benefit commences prior to age 60.

Upon termination, an employee may elect to have all contributions, along with 5% as interest, returned as a lump sum distribution. Alternatively, a member with at least ten years of accredited service may leave contributions with the Plan and continue to be eligible for a retirement pension at

age 55 equal to 2% of the member's highest three years' average salary multiplied by the number of service years, not to exceed 25.

#### (4) Membership

The participating employees (members) of the Plan as of December 31, 1999, are comprised as follows:

Retirees and beneficiaries receiving benefits: Terminated members entitled to benefits but	28	
not yet receiving such benefits:	76	
Members		
Fully Vested:	2	
Partially Vested:	995	
Non-vested:	1,771	
Total Members	2,872	

### (D) Members' Money Purchase Plan Benefit Fund

#### (1) Plan Description

The Fund is a cost sharing multi-employer agent defined contribution (money purchase) pension fund covering full-time employees of participating fire or police departments in Colorado whose employers have elected to affiliate with FPPA for investment and administrative purposes.

The Members' Money Purchase Plan Benefit Fund became effective on January 1, 1990. Participants have the option of choosing between the following two investment options: (1) investment in the Common Fund, or (2) investment in various mutual funds. There were 4 contributing employers as of December 31, 1999.

#### (2) Contributions and Vesting

Contributions to the Fund are calculated as a percentage of the employee's base salary. The percentage is specified in each employer's individual plan document, but current participants are contributing at the rate of 8% of salary, which is matched by the employer.

Plans may also allow voluntary contributions to be made by the members, which are generally not matched by the employer. Members are always 100% vested in their own contributions, as well as the earnings on those contributions. Vesting in the employer's contributions and earnings on those contributions is determined by each individual plan's vesting schedule.

### (3) Membership

There were 101 contributing employees (members) at December 31, 1999.

Retirees and beneficiaries receiving benefits, and terminated members entitled to benefits but not yet receiving such benefits Members: Partially Vested	3 98	
Total Members	101	•

### (E) Members' Statewide Money Purchase Plan Benefit Fund

#### (1) Plan Description

The Fund is a cost sharing multi-employer defined contribution (money purchase) pension fund covering full-time employees of participating fire or police departments in Colorado who have elected to participate in the Statewide Money Purchase Benefit Fund.

The Members' Statewide Money Purchase Plan Benefit Fund became effective on January 1, 1995. Participants have the option of choosing between the following two investment options: (1) investment in the Common Fund, or (2) investment in mutual funds. There were 35 contributing employers as of December 31, 1999.

#### (2) Contributions and Vesting

Contributions to the Fund are calculated as a percentage of the employee's base salary, which is specified by State statute. In addition, current participants are contributing at the rate of 8% of salary, which is matched by the employer. Members are always 100% vested in their own contributions, as well as the earnings on those contributions. Vesting in the employer's contributions and earnings on those contributions is determined by the vesting schedule and set by the State statute. All employer contributions are invested in the Common Fund.

#### (3) Membership

The participating employees (members) of the Fund at December 31, 1999, are comprised as follows:

Retirees and beneficiaries receiving benefits, and terminated members entitled to benefits but not yet receiving such benefits Members: Fully Vested Partially Vested Non-vested	1 22 48 4
Total Members	75

### NOTE 4

#### CASH AND INVESTMENTS

#### (1) Cash Deposits

The Association's deposits are categorized below to indicate the level of risk assumed at year-end.

#### Category 1

Insured or collateralized with securities held by the Plan or by its agent in the Association's name.

#### Category 2

Collateralized with securities held by the pledging financial institution's trust department or agent in the Association's name.

#### Category 3

Uncollateralized (this includes any bank balance that is collateralized with securities held by the pledging financial institutions, or by its trust department or agent but not in the Association's name).

At December 31, 1999, the Association's cash deposits had a carrying value, and a corresponding bank balance as follows:

	Carrying Value	Bank Balance
Cash on Hand	\$ 350	\$ N/A
Insured Deposits	100,000	100,000
Deposits Collateralized in Single Institution Pools (Category 2)	453,476	1,677,476
Total Deposits	553,826	1,777,476
Cash and Cash Equivalents held by the		
Respective Custodians (Category 2)	94,607,095	94,607,095
Total Cash and Cash Equivalents	\$ 95,160,921	\$ 96,384,571

#### (2) Investments

The Association has established a long-range statement of investment objectives and policies for managing and monitoring the Common Fund. The investment policy sets forth the Common Fund's investment objective to provide the greatest long-term benefits to members of the Association by maximizing the total rate of return on investments, within prudent parameters of risk. The investment policy also defines the responsibilities of the fiduciaries with respect to the Common Fund, their investment authority under the prudent person rule, the level of acceptable risk for investments, statutory asset allocation restrictions, investment performance objectives, and guidelines within which outside investment managers may operate.

Under Colorado statutes, the Association, as trustee of the Common Fund, has complete discretion-

ary authority to invest and reinvest funds of the Common Fund, using the prudent investor rule.

The investments that are represented by specific identifiable investment securities are classified as to credit risk by the three categories described below. Investments in local government investment pools or in money market funds are not categorized because they are not evidenced by securities that exist in physical or book entry form.

Category 1

Insured or registered, or securities held by the Common Fund or its agents in the Association's name.

Category 2

Uninsured and unregistered, with securities held by the counter-party's trust department or agent in the Association's name.

Category 3

Uninsured and unregistered, with securities held by the counterparty or by its trust department or agent, but not in the Association's name.

All investments of FPPA are determined to be Category 1 investments.

	Securities not Loaned	Securities Loaned	Carrying Amount
INVESTMENTS CATEGORIZED			
U.S. Government Obligations (1)(3)	\$ 185,633,761		\$185,633,761
Domestic Corporate Bonds (3)	248,866,201		248,866,201
Domestic Stocks (3)	940,402,159		940,402,159
International Stocks (2)(3)	673,590,044	\$ 3,486,797	677,076,841
International Fixed Income (3)	102,113,919		102,113,919
Sub-Total	2,150,606,084	3,486,797	2,154,092,881
<ol> <li>Secured by Tri-Party Collateral</li> <li>Secured by Letter of Credit Collateral</li> </ol>			
(3) Secured by Securities Collateral			
INVESTMENTS NOT CATEGORIZED			
Venture Capital			95,876,871
Real Estate			179,589,538
Securities Lending Investment Pool			168,726,580
Investments Held by Broker -			
Dealers Under Securities Loans			
U.S. Government Obligations			62,433,597
Domestic Fixed			7,522,109
Domestic Stocks			32,524,742
International Stocks			57,734,393
Total	\$2,150,606,084	\$3,486,797	\$2,758,500,711

#### (3) Securities Lending

State Statute allows the Association to participate in securities lending transactions. The Association has, via a Securities Lending Authorization Agreement, authorized State Street Bank and Trust Company to lend the securities it holds as custodian to broker-dealers and banks pursuant to a form of loan agreement.

During the year ended December 31, 1999, the Association received U.S. and foreign dollar cash, U.S. Government Securities, foreign sovereign debt and irrevocable bank letters of credit for collateral. The Association did not have the ability to pledge or sell collateral securities without a borrower default. Borrowers were required to deliver collateral for each loan in amounts equal to but not less than 100% of the market value of the loaned securities.

The Association did not impose any restrictions on the amounts of loans that State Street made on its behalf, and State Street indemnified the Association by agreeing to purchase replacement securities, or return the cash collateral, in the event a borrower failed to return the loaned securities or failed to pay distributions. There were no failures by any borrower's to return loaned securities or pay distributions during the year ended December 31, 1999. In addition, there were no losses during the fiscal year resulting from a default of the borrowers or State Street.

During the fiscal year, the Association and borrowers maintained the right to terminate all securities lending transactions on demand. The cash collateral received on each loan was invested, together with the cash collateral of other qualified tax-exempt plan lenders. As of December 31, 1999, such investment pool had an average duration of 51 days and an average weighted maturity of 449 days. Because the loans were terminable at will their duration did not generally match the maturation of the investments made with cash collateral. On December 31, 1999, the Association has no credit risk exposure to borrowers. The collateral held and the market value of the securities on loan for the Association as of December 31, 1999, were \$168,726,580 and \$160,214,814 respectively.

#### (4) Investment Concentration

No investments represent 5% or more of the plan net assets of each individual fund.

#### NOTE 5

#### DEFERRED COMPENSATION PLAN

The employees of FPPA may participate in a deferred compensation plan created in accordance with Internal Revenue Code Section 457, along with participating fire and police departments. All funds are invested outside the Common Fund. The Plan, available to all employees, permits the deferral of a portion of their salary until future years. The deferred compensation and associated appreciation in the fair value of the assets held are not available to employees until termination, retirement, death, or an unforeseen emergency.

In response to the 1996 Small Business Protection Act, the Governmental Accounting Standards Board issued Statement No. 32, Accounting and Financial Reporting for Internal Revenue Code Section 457 Deferred Compensation Plans. This Statement requires that amounts deferred under a qualified Section 457 plan be held in trust for the exclusive benefit of participating employees, and not be accessible by the sponsoring government, or its general creditors.

In response to this Statement, the Association has modified its trust agreement with respective

#### Notes to the Financial Statement

affiliates; and the result of this modification is the placing of Plan activity within an Expendable Trust Fund for the purposes of financial statement presentation. Fund Balance Reserved for Withdrawals equaled \$19,196,073 at December 31, 1999.

## NOTE 6

## PROPERTY AND EQUIPMENT

Property and equipment at December 31, 1999, is comprised of the following:

	Balance December 31, 1998	Additions	Deletions	Balance December 31, 1999
General Fixed Assets:				
Land, Bldgs., and Equip.	\$ 3,030,712	\$ 208,129	\$(380,712)	\$ 2,858,129
Accum. Depreciation	(1,427,196)	(127,966)	380,712	(1,174,450)
Total	\$ 1,603,516	\$ 80,163	\$ 0	\$ 1,683,679

Depreciation expense totaled \$127,967 in 1999.

## NOTE 7

#### **RISK MANAGEMENT**

The Association is exposed to various risks of loss related to torts; theft of, damage to, and destruction of assets; errors and omissions; injuries to employees and natural disasters. It carries commercial coverage of these risks of loss. Claims have not exceeded coverage in any of the last three fiscal years.

## NOTE 8

## EMPLOYEE RETIREMENT PLAN

#### (1) Plan Description

The Association contributes to the State Division Trust Fund (SDTF) a cost-sharing multipleemployer defined benefit pension plan administered by the Public Employees' Retirement Association of Colorado (PERA). SDTF provides retirement and disability, annual increases, and death benefits for members or their beneficiaries. All employees of the Association are members of SDTF. Title 24, Article 51 of the Colorado Revised Statutes, (CRS), as amended, assigns the authority to establish benefit provisions to the State Legislature. PERA issues a publicly available annual financial report that includes financial statements and required supplementary information for SDTF. That report may be obtained by writing to PERA of Colorado, 1300 Logan Street, Denver, Colorado 80203 or by calling PERA's InfoLine at 1-800-759-PERA, or Denver metro area 303-837-6250.

#### Notes to the Financial Statement

#### (2) Basis of Accounting for the SDTF

The financial statements of the SDTF are prepared using the accrual basis of accounting. Plan member contributions are recognized in the period in which the contributions are due. Benefits and refunds are recognized when due and payable in accordance with the terms of the plan. SDTF plan investments are presented at fair value except for short-term investments, which are recorded at cost, and approximate fair value.

#### (3) Funding Policy

Plan members and the Association are required to contribute at a rate set by statute. The contribution requirements of plan members and the Association are established under Title 24, Article 51, Part 4 of the CRS, as amended. The contribution rate for members is 8.0% and for the Association is 11.4% of covered salary. A portion of the Association's contribution (0.8% of covered salary) is allocated for the Health Care Fund. The Association's contributions to SDTF for the years ending December 31, 1999, 1998, 1997, 1996, and 1995, were \$149,983 \$132,843, \$114,043, \$120,418, and \$111,522, respectively, equal to their required contributions for each year.

#### NOTE 9

#### DEFINED CONTRIBUTION PENSION PLAN

#### (1) Plan Description

The SDTF members of the Association may voluntarily contribute to the Voluntary Investment Program (VIP) an Internal Revenue Code Section 401(k) defined contribution plan administered by the PERA. Plan participation is voluntary, and contributions are separate from others made to PERA. Title 24, Article 51, Part 14 of the CRS, as amended, assigns the authority to establish the VIP provisions to the State Legislature.

The VIP is funded by voluntary member contributions of up to 18% of covered salary. No employer contributions are required. The VIP member contributions from Association employees for the year ended December 31, 1999, were \$12,345.

#### NOTE 10

#### FINANCIAL OBLIGATIONS WITH OFF BALANCE SHEET RISK

#### FORWARD FOREIGN EXCHANGE CONTRACTS

The Association through its various money managers has entered into forward foreign exchange contracts. These contracts were entered into for the purposes of hedging against changes in currency prices relative to the U. S. dollar. This is allowed under the Association's investment policies subject to a limit of 50% of the portfolio's market value.

Notes to the Financial Statement

Forward Foreign Exchange Contracts are a contractual obligation between two parities to pay or receive specific amounts of foreign currency at a future date in exchange for another currency at an agreed upon exchange rate. Forward commitments are not standardized and carry counter-party risk. Forwards are usually transacted Over the Counter (OTC). These transactions are entered into with the foreign exchange department of a bank located in a major money market.

Recognition of realized gain or loss depends on whether the currency exchange rate has moved favorably or unfavorably to the contract holder upon termination of the contract.

## EQUITY INDEX FUTURES

The Association through one money manager has invested in un-leveraged domestic and international equity index futures. These future positions are used solely to provide liquidity and market exposure. These types of contracts are allowed under the Association's investment policies subject to the following conditions: a) All long and short positions must be covered; b) Sufficient cash shall be maintained to cover all margin requirements; c) Leverage will not be permitted; d) Counterparties must have and maintain a minimum credit rating of "a"; e) Index futures exposure shall not exceed 25% of the total portfolio market value.

## NOTE 11

## COMMITMENTS AND CONTINGENCIES

FPPA is involved in various claims and legal actions arising in the ordinary course of business. In the opinion of FPPA's legal counsel, the ultimate resolution of these matters will not have a material adverse effect on the financial condition of the Common Fund. The Association has invested in certain venture capital partnerships and corporations. As part of these investments, FPPA has agreed to contribute additional funds at various times. At December 31, 1999, FPPA had committed approximately \$83.5 million in additional funds to these projects.

The Association had a continuing outstanding line of credit of \$1,000,000. This line of credit was in connection with the escrowing of property taxes for certain real property FPPA owns. No amount was drawn on this line of credit at December 31, 1999. This line of credit was terminated on January 3, 2000, as the property was sold.

The Statewide Death and Disability Plan currently consists of affiliated and non-affiliated members. It is not known how many plan participants may seek a different form of death and disability coverage because of the new funding structure implemented by State Statute as of January 1, 1997.

Required Supplementary Information Schedule of Funding Progress (Unaudited) • December 31, 1999

Statewide Defined Benefit Plan	Actuarial Valuation Date	Actuarial Value of Assets	Actuarial Accrued Liability	Unfunded (Surplus) Actuarial Accrued Liability	Funded Ratio	Covered Payroll	Unfunded (Surplus) Actuarial Accrued Liability as a Percentage of Covered Payroll
1999	1/1/99	\$ 311,057,177	\$203,004,350	\$(108,052,827)	153.2%	\$108,851,702	-99.27%
1998	1/1/98	261,508,736	171,147,782	(90,360,954)	152.8%	97,101,652	-93.06%
1997	1/1/97	217,453,896	139,041,762	(78,412,134)	156.4%	85,955,603	-91.22%
1996	1/1/96	180,001,287	113,656,148	(66,345,139)	158.4%	78,398,964	-84.63%
1995	1/1/95	137,168,606	92,730,116	(44,438,490)	147.9%	71,709,917	-61.97%
1994	1/1/94	125,631,977	93,609,168	(32,022,809)	134.2%	65,745,436	-48.71%
1993	1/1/93	103,311,819	103,311,819	Ň N/Á	100.0%	55,907,812	N/A
1992	1/1/92	89,587,411	89,587,411	N/A	100.0%	50,517,390	N/A

Affiliated Local Plans	Actuarial Valuation Date	Actuarial Value of Assets	Actuarial Accrued Liability	Unfunded (Surplus) Actuarial Accrued Liability	Funded Ratio	Covered Payroll	Unfunded (Surplus) Actuarial Accrued Liability as a Percentage of Covered Payroll
1999 1998	N/A* 1/1/98	\$ 1,466,608,186	\$ 1,813,999,862	\$ 347,391,676	80.9%	\$ 104,552,694	332.3%
1996	1/1/96	1,121,444,504	1,593,927,538	472,483,034	70.4%	96,013,582	492.1%
1994	1/1/94	856,308,695	1,382,776,434	526,467,739	61.9%	102,422,653	514.0%
1992	1/1/92	687,407,249	1,321,304,664	633,897,415	52.0%	104,481,916	606.7%

\*Actuarial study completed every other year.

100

100

100

100

#### Required Supplementary Information Schedule of Employer and State Contributions (Unaudited) • December 31, 1999

# (A) Statewide Death and Disability Plan *Employer Contributions*

Year Ended 12/31	Annual Required Contribution	Percentage Contributed
1989	\$ 9,054	100
1990	11,804	100
1991	15,348	100
1992	17,230	100
1993	21,201	100
1994	23,564	100
1995	29,500	100
1996	36,712	100
1997	143,874	100
1998	492,648	100
1999	434,958	100

# (B) Statewide Defined Benefit Plan *Employer Contributions*

Year Annual Ended 12/31 Required Contribution Percentage Contributed 1989 100 \$ 3,084,972 3,546,840 1990 100 1991 3,989,037 100 1992 4,420,194 100 1993 4,926,158 100 1994 5,341,227 100 1995 6,008,223 100

6,732,026

7,219,796

8,890,743

9,473,201

#### State of Colorado Contributions

Year Ended 12/31	Annual Required Contribution	Percentage Contributed
1989	\$ 2,400,000	100
1990	1,800,000	100
1991	1,200,000	100
1992	600,000	100
1993	3,717,048	100
1994	7,467,052	100
1995	7,500,000	100
1996	7,500,000	100
1997	39,000,000	100
1998	0*	N/A
1999	0*	N/A

\*Funding discontinued with contribution for the year ended December 31, 1997.

## (C) Affiliated Local Plans

Employer Contributions

1996

1997

1998

1999

Year Ended 12/31	Annual Required Contribution	Percentage Contributed
1992	\$ 66,161,860	100%
1993	66,161,860	100
1994	57,505,130	100
1995	57,505,130	100
1996	60,058,331	100
1997	60,058,331	100
1998	53,639,344	100
1999	51,599,353	100

Required Supplementary Information Notes to the Required Supplementary Information (Unaudited) • December 31, 1999

#### NOTE 1

#### DESCRIPTION

The historical trend information for the Statewide Death and Disability Fund, Statewide Defined Benefit Plan, and Affiliated Local Plans are presented as required supplementary information. Actuarial studies are completed on the Affiliated Local Plans biennially in accordance with GASB 27. Each of the 191 Affiliated Local Plans has its own actuarial study. Data presented here is an aggregation of the data from each individual plan study. The data should not be interpreted as being indicative of the status of any individual plan.

#### NOTE 2

#### ACTUARIAL ASSUMPTIONS AND METHODS

	Statewide	Statewide	Affiliated
	Death &	Defined	Local
	Disability	Benefit	Plans
Valuation Date	1/1/99	1/1/99	1/1/98
Actuarial Method	Aggregate Funding(2)	Entry Age Normal	Entry Age Normal
Amortization Method	N/A(1)	N/A(1)	Various
Remaining Amortization Period	N/A(1)	N/A(1)	Various
Asset Valuation Method	Market	Market	Market
Actuarial Assumptions: Investment Rate of Return Projected Salary Increase Includes Inflation at Cost of Living Adjustment Health Care Inflation Factor	7.5% 4.5% - 13.0% 4.0% 0% - 3% N/A N/A	7.5% 4.5% - 13.0% 4.0% 0% - 3% N/A N/A	7.5% 4.5% - 13.0% 4.0% 0% - 3% N/A N/A

(1) Plans not permitted to be un-funded under State statute.

(2) The aggregate funding method does not identify or separately amortize unfunded actuarial liabilities.

Required Supplementary Information Notes to the Required Supplementary Information (Unaudited) • December 31, 1999

## NOTE 3

## SIGNIFICANT FACTORS AFFECTING TRENDS IN ACTUARIAL INFORMATION

Statewide Death and Disability Plan

• The current Plan benefits provide an automatic Cost of Living Adjustment, COLA, to totally disabled members and their beneficiaries; but assumes no future COLA benefits to other members. COLAs can be paid only when funds are available.

Statewide Defined Benefit Plan

• There were no significant factors affecting trends during 1999.

#### Affiliated Local Plans

• There were no significant factors affecting trends during 1999.

Aspen Fire Protection District (Volunteer) Ault Fire Protection District (Volunteer) Aurora Police - DROP Aurora Police-Rank Escalation Aurora Fire Aurora Fire - DROP Aurora Fire - DROP Aurora Fire - Potection District Bancroft Fire Protection District Bancroft Fire Protection District-Rank Escalation Basalt and Rural Fire Protection District (Volunteer) Bennett Volunteer Fire Berthoud Fire Protection District (Volunteer) Black Hawk Fire Protection District (Volunteer) Boone Volunteer Fire Boulder Rural Fire Protection District (Volunteer) Boulder Rural Fire Protection District (Volunteer) Bounder Fire (Volunteer) Bounder Fire (Volunteer) Bursh Volunteer Fire Department (Volunteer) Calhan Fire (Volunteer) Burning Mountain Fire Protection District (Volunteer) Calhan Fire (Volunteer) Canon City Area Fire Protection District (Volunteer) Castel Rock Volunteer Fire Department (Volunteer) Cascade Fire (Volunteer) Castel Rock Volunteer Fire Department (Volunteer) Castel Rock Volunteer Fire Department (Volunteer) Cedaredge Police Central Orchard Mesa Fire Protection District (Volunteer) Cherry Hills Fire Protection District (Volunteer) Cherry Fire Protection District (Volunteer) Colorado Sierra Fire Protection District	1,508,713 339,244 101,385,811 4,992,885 14,454,861 95,233,128 4,482,601 12,343,758 17,387,130 1,508,886 1,462,663 178,690 542,620 18,726 38,693 596,004 371,231 209,169 3,499,292 318,182 225,303 354,285 13,575 4,325,789 245,207 850,260 211,545 993,607 281,635 177,830 123,297 4,152,095 187,276 116,341 913,232 1,843,014 805,089 32,977
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\*\* New Affiliation in 1999

See the accompanying independent auditor's report.

Colorado Springs Police-Rank Escalation	13,149,864
Colorado Springs Exempt Fire	53,076,263
Colorado Springs Fire	106,699,664
Colorado Springs Fire-Rank Escalation	15,907,857
Cortez Police	1,283,724
Cripple Creek Fire Protection District (Volunteer)	222,303
Crowley Fire Department (Volunteer)	9,885
Crystal Lake Fire Department (Volunteer)	21,079
Del Norte Police	63,116
Denver Fire	386,510,969
Denver Fire-Rank Escalation	31,780,977
Denver Police	533,506,030
Denver Police-Rank Escalation	38,415,761
Denver Police-DROP	8,045,304
Denver Fire-DROP	5,861,838
** Dove Creek Fire (Volunteer)	51,738
Eads Volunteer Fire Department (Volunteer)	111,116
Eldorado Fire Department (Volunteer)	85,994
Elizabeth Fire Protection District (Volunteer)	1,014,343
** Englewood Police	10,474,274
** Englewood Fire Department	16,421,048
Englewood Fire Department (Volunteer)	641,815
Erie Police	332,349
Evans Volunteer Fire Department (Volunteer)	357,699
Evergreen Fire (Volunteer)	3,091,197
Falcon Fire Protection District (Volunteer)	745,167
Federal Heights Volunteer Fire Department (Volunteer)	1,396,394
Firestone Marshalls	46,356
Foothills Fire Protection District (Volunteer)	888,725
Fort Morgan Fire (Volunteer)	1,251,158
Fort Morgan Rural Fire (Volunteer)	299,059
Fort Morgan Police	1,000,549
Florence Fire (Volunteer)	250,287
Franktown Fire Protection District (Volunteer)	1,010,600
Frederick Area Fire Protection District (Volunteer)	281,918
Genesee Fire Protection District (Volunteer)	801,157
Glendale Volunteer Fire Department (Volunteer)	205,600
Glenwood Springs Fire Department (Volunteer)	814,692
Georgetown Fire (Volunteer)	166,370
Golden Volunteer Fire Department (Volunteer)	3,107,583
Golden Gate Fire Protection District (Volunteer)	107,732
Granby Police ** Grand Fire Protection District (Volunteer)	101,278
Grand Junction Fire	639,670
Grand Junction Fire	14,854,272 2,104,540
Grand Junction Fonce	2,104,340
** New Affiliation in 1999	

\*\* New Affiliation in 1999

See the accompanying independent auditor's report.

Grand Lake Fire (Volunteer)	1,039,650
Grand Valley Fire Protection District (Volunteer)	1,072,500
Greeley Police	2,516,818
Green Mountain Falls-Chipita Park Fire Protection	//
District (Volunteer)	199,836
Gypsum Fire (Volunteer)	261,053
Hartsel Fire Protection District (Volunteer)	318,252
Haxtun Volunteer Fire Department (Volunteer)	138,273
Haxtun Police	285,945
Hermosa Cliff Fire Protection District (Volunteer)	669,250
High Country Fire Protection District (Volunteer)	918,629
Holyoke (City) Volunteer Fire Department (Volunteer)	137,207
Holyoke Fire Protection District (Volunteer)	291,640
Holyoke Police	87,259
Hot Sulphur Springs-Parshall Fire Protection District (Vo	
Idaho Springs Fire Protection District (Volunteer)	153,089
Indian Hills Fire Protection District (Volunteer)	277,406
Inter-Canyon Fire Protection District (Volunteer)	730,128
Jackson 105 Fire Protection District (Volunteer)	72,445
Jefferson-Como Fire Protection District (Volunteer)	402,328
Kiowa Fire Protection District (Volunteer)	315,402
Kremmling Fire Protection District (Volunteer)	449,664
Lafayette Volunteer Fire Department (Volunteer)	1,123,518
* Lake Dillon Fire (Volunteer)	1,529,155
Lake George Fire Protection District (Volunteer)	48,925
La Junta Police	1,485,659
La Junta Fire	1,221,637
La Junta Rural Fire Protection District (Volunteer)	331,903
Lakewood Fire Protection District	29,878,648
Lakewood Fire Protection District-Rank Escalation	5,878,802
Lamar Fire	930,019
Lamar Police	143,022
Lamar Fire Protection District (Volunteer)	139,523
Larkspur Fire Protection District (Volunteer)	907,639
Las Animas Police	783,972
** La Salle Police	311,044
La Salle Fire Protection District (Volunteer)	1,373,054
Leadville Fire	415,657
Left Hand Fire Protection District (Volunteer)	454,943
Lewis-Arriola Fire Protection District (Volunteer)	824,445
Limon Fire Department (Volunteer)	358,235
Log Hill Mesa Fire Protection District (Volunteer)	52,132
	52/152

\* Formerly Dillon Fire Protection District (Volunteer), Dillon Valley District (Volunteer), Frisco Fire Protection District (Volunteer), and Silverthorne Fire Protection District (Volunteer)

\*\* New Affiliation in 1999

See the accompanying independent auditor's report.

\*

\*

Louviers Fire Protection District (Volunteer)	516,613
Lower Valley Fire Protection District (Volunteer)	409,943
Manitou Springs Fire	526,987
Manitou Springs Volunteer Fire Department (Volunteer)	470,273
Manzanola Rural Fire Protection District (Volunteer)	63,195
Milliken Fire Protection District (Volunteer)	506,839
Montrose Fire Protection District	360,117
Montrose Fire Protection District (Volunteer)	782,622
Mountain View Fire Protection District	790,156
Mountain View Fire Protection District (Volunteer)	2,056,276
Nederland Fire Protection District (Volunteer)	84,716
Northeast Teller County Fire Protection District (Volunteer)	411,620
North Fork Fire Protection District (Volunteer)	41,513
North Routt Fire Protection District (Volunteer)	72,788
North Washington Fire Protection District	5,534,308
North Washington Fire Protection District-Rank Escalation	458,421
North Washington Fire Protection District (Volunteer)	
Northwest Fire Protection District (Volunteer)	228,654
Northwest Conejos Fire Protection District (Volunteer)	383,236
Num Fire Protection District (Volunteer)	328,872
Oak Creek Fire Protection District (Volunteer)	278,469
Olathe Fire Protection District (Volunteer)	206,230
	265,782
Olney Springs Volunteer Fire Department (Volunteer)	134,466
Ouray Volunteer Fire Department (Volunteer) Pagosa Fire Protection District (Volunteer)	186,495
Palisade Volunteer Fire Department (Volunteer)	2,573,525
Palmer Lake Volunteer Fire Department (Volunteer)	238,225 48,161
Paonia Police	14,572
Parker Fire Protection District (Volunteer)	918,153
Pinebrook Hills Fire Protection District (Volunteer)	81,978
Platte Canyon Fire Protection District (Volunteer)	901,442
Platte Valley Fire Protection District (Volunteer)	1,699,148
Pleasant View Fire Protection District (Volunteer)	251,474
Pleasant View Metro Fire Protection District (Volunteer)	974,862
Poudre Valley Fire (Volunteer)	180,584
Pueblo Fire	43,875,019
Pueblo Fire-Rank Escalation	2,764,682
Pueblo Police	67,323,596
Pueblo Police-Rank Escalation	7,372,521
Pueblo Rural Fire Protection District	4,424,386
Pueblo Rural Fire Protection District-Rank Escalation	443,936
Rattlesnake Fire Protection District (Volunteer)	277,684
Red Feather Lakes Fire Protection District (Volunteer)	116,541
Rio Blanco Fire Protection District	811,882
	011/002

\*\* New Affiliation in 1999 See the accompanying independent auditor's report.

Total Net Assets By Participant	\$ 1,965,959,259
Yampa Fire Protection District (Volunteer)	245,628
Woodmoor/Monument Fire	425,984
Wiley Rural Fire Protection District (Volunteer)	68,664
West Routt Fire Protection District (Volunteer)	1,086,998
West Metro Fire (Volunteer)	920,943
West Douglas County Fire Protection District (Volunteer)	523,030
West Cheyenne Fire Protection District (Volunteer)	42,398
Wellington Fire Protection District (Volunteer)	600,176
Walsenburg Police	55,872
Union Colony Fire	10,095,958
Trinidad Police	163,385
Trinidad Fire-Rank Escalation	59,128
Trinidad Fire	602,560
Thornton Fire	10,642,528
Telluride Fire Protection District (Volunteer)	683,134
Sugarloaf Fire Protection District (Volunteer)	292,629
Sugar City Fire Department (Volunteer)	75,632
Stratton Fire Protection District (Volunteer)	44,792
Sterling Police	1,322,986
Sterling Volunteer Fire Department (Volunteer)	353,331
Sterling Fire	1,149,027
Steamboat Springs Volunteer Fire Department (Volunteer)	1,226,084
* Springfield Fire (Volunteer)	106,211
Springfield Police	595,347
South Arkansas Fire Protection District (Volunteer)	169,961
South Arkansas Fire Protection District (Volunteer)	318,249
South Adams County Fire Protection District (Volunteer)	3,830,520
South Adams County Fire Protection District	494,448 841,886
Simla Volunteer Fire Department (Volunteer) * Snake River Fire Protection District (Volunteer)	89,596
Salida Police	1,459,140
Salida Fire	453,009
Sable Altura Fire Protection District (Volunteer)	498,578
Rocky Ford Volunteer Fire Department (Volunteer)	27,674
Rocky Ford Fire	358,088
Rocky Ford Police	685,595

\*\* New Affiliation in 1999 See the accompanying independent auditor's report.

## Supporting Schedules for Financial Section Payments to Consultants• December 31, 1999

ACTUARIAL CONSULTANTS Buck Consultants	\$ 197,700
AUDITORS BONDI & Co. LLP	28,000
INVESTMENT COUNSEL Pension Consulting Alliance	90,000
ATTORNEYS Bulter, Fitzgerald, and Potter P.C. Gorsuch Kirgis L.L.P. Christensen, White, Miller, & Fink	42,708 48,778 21,212
MEDICAL CONSULTANT David Patron, M.D.	36,512

See the accompanying independent auditor's report.

## **Financial Section**

Schedule of Administration and Investment Expenses • December 31, 1999 (with comparative totals for December 31, 1998, 1997, 1996 and 1995)

Expenditure Group	1999	1998	1997	1996	1995
• INVESTMENT FEES					
Investment Counsel	\$ 90,000	\$ 90,000	\$ 90,305	\$ 80,897	\$ 64,738
Investment Mgmt. Fees	4,814,483	4,209,531	3,487,427	2,804,524	2,391,834
Real Estate Mgmt. Fees		72,722	22,554	55,653	
Total Investment Fees	4,904,483	4,299,531	3,650,454	2,907,975	2,512,225
PROFESSIONAL CONTRACTS					
Actuarial Contract	197,700	130,000	107,707	85,983	52,064
Audit Fees	28,000	27,000	28,000	32,200	29,700
Computer Maintenance & Lease	87,602	120,653	72,047	63,642	71,390
Insurance & Bonding	79,516	1,889	73,702	111,269	87,849
Legal & Legislative Counsel	148,777	158,573	95,046	70,031	88,237
Management Consulting	20,000	37,492	17,241	4,401	3,000
Medical Exam Fees	154,214	133,500	84,734	76,670	72,777
Hearing Officers - D&D	2,966	5,215	18,349		
Outside Svcs/Contract Help	4,934	1,296	949	690	987
Records Management	51,400	4,289	4,417	4,090	5,524
Total Professional Contracts	775,109	709,907	502,192	448,976	411,528
PERSONNEL SERVICES					
Salaries	1,373,899	1,254,737	1,038,733	1,110,351	1,006,165
Employee Benefits	330,316	287,588	250,929	252,370	224,213
Employment Programs	10,883	7,268	28,025	5,675	7,831
Total Personnel Services	1,715,098	1,549,593	1,317,687	1,368,396	1,238,209
STAFF EDUCATION					
Tuition Assistance Program	11,192	12,165	9,765	11,804	13,339
Conferences & Seminars	28,570	30,133	24,672	23,230	22,335
Total Staff Education	39,762	42,298	34,437	35,034	35,674
OTHER OPERATING EXPENSES					
Bank Fees	206,506	204,324	221,456	191,514	162,179
Company Vehicles	7,017	2,202	2,336	2,354	2,022
Board Expenses	86,765	80,390	68,401	52,083	48,136
Data Processing Supplies	13,198	10,467	8,288	9,700	7,610
Equipment Rental & Maint.	19,755	21,353	13,531	8,283	7,912
Meetings & Travel	28,138	21,296	10,031	10,836	12,153
Operating Exp. Two DTC	-	25,930	5,057	18,153	31,704
Other (misc.)	1,368	3,932	2,329	2,000	1,894
Postage	50,605	42,781	38,937	37,416	28,996

continued on next page

See the accompanying independent auditor's report.

<b>1999</b> \$ 16,619 5,227 15,858 38,592 18,815 es 596,562	<b>1998</b> \$ 4,562 4,716 14,088 46,164 18,557 591,678	<b>1997</b> \$ 9,383 3,477 13,828 41,267 17,315 510,473	<b>1996</b> \$ 10,152 3,453 13,733 46,475 17,404 516,549	<b>1995</b> \$ 13,273 4,050 14,178 48,100 22,210 473,612
5,227 15,858 38,592 18,815 es 596,562	4,716 14,088 46,164 18,557	3,477 13,828 41,267 17,315	3,453 13,733 46,475 17,404	4,050 14,178 48,100 22,210
15,858 38,592 18,815 es 596,562	14,088 46,164 18,557	13,828 41,267 17,315	13,733 46,475 17,404	14,178 48,100 22,210
38,592 18,815 es 596,562	46,164 18,557	41,267 17,315	46,475 17,404	48,100 22,210
18,815 es 596,562	18,557	17,315	17,404	22,210
es 596,562	,	,	,	
	591,678	510,473	516,549	473,612
0 400 504				
3,126,531	2,893,476	2,364,789	2,368,955	2,159,023
127,967	131,092	129,996	163,309	147,093
3,254,498	3,024,568	2,494,785	2,532,264	2,306,116
71,113	53,638	105,886	94,120	79,137
\$ 8,230,094	\$7,377,737	\$6,251,125	\$5,534,359	\$ 4,897,478
	127,967 3,254,498 71,113	127,967       131,092         3,254,498       3,024,568         71,113       53,638	127,967       131,092       129,996         3,254,498       3,024,568       2,494,785         71,113       53,638       105,886	127,967         131,092         129,996         163,309           3,254,498         3,024,568         2,494,785         2,532,264           71,113         53,638         105,886         94,120

Schedule of Administration and Investment Expenses • December 31, 1999 (with comparative totals for December 31, 1998, 1997, 1996 and 1995)

### Investment Section

The mission of the

Fire and Police Pension Association -

to provide for the retirement needs

of police officers and firefighters

throughout the State of Colorado -

is facilitated by the management

of the various fund investment portfolios,

which totalled \$2.643 billion

in market value as of

December 31, 1999.

Investment Section, page 53

The mission of the Fire and Police Pension Association – to provide for the retirement needs of police officers and firefighters throughout the State of Colorado – is facilitated by the management of various fund investment portfolios, which totaled \$2.643 billion in market value as of December 31, 1999. Specifically, the Association is responsible for managing three separate retirement funds: the Members' Benefit Fund, the Members' Money Purchase Plan Benefit Fund, and the Members' Statewide Money Purchase Plan Benefit Fund ("the funds").

The Members' Benefit Fund includes the assets of various defined benefit plans designed to supply participants with a specified benefit after retirement, which is calculated as a percentage of the participant's salary. In contrast, The Members' Money Purchase Plan Benefit Fund and the Members' Statewide Money Purchase Plan Benefit Fund include the assets of various defined contribution plans. In these plans, members direct the investment of their contributions among various investment options. The amount received at retirement depends on the performance, over time, of those options chosen.

The Members of the Association's Board of Directors serve as the fiduciaries for the funds and are responsible for the investment of the funds, or the selection of investment options available to money purchase plan members. As fiduciaries, the FPPA Board Members are required to discharge their duties solely in the interest of fund participants and beneficiaries. The Board has established investment policies and allocates assets, or selects investment options, based upon member characteristics, plan provisions, and the financial requirements of the fund, in addition to considering the risk/reward trade-offs of various investments.

The Association has established long range statements of investment objectives and policies for managing and monitoring the funds. The investment policies establish investment objectives and define the responsibilities of the fiduciaries with respect to the funds, their investment authority under Colorado law, the level of acceptable risk for investments, statutory asset allocation restrictions, investment performance objectives, and guidelines within which outside investment managers must operate.

The assets in the Members' Benefit Fund are managed primarily by professional investment management firms. Similarly, investment options offered to money purchase plan members are typically pooled investment vehicles managed by professional money managers.

The Association's investment staff coordinates and monitors the investments and fund options, and assists the Board of Directors in the formulation and implementation of investment policies and long-term investment strategies. The investment staff is also responsible for the contents of this report. To the extent applicable, investment managers are required to report results in conformance with standards developed by the Association for Investment Management and Research (AIMR). In addition, however, both FPPA and its custodian bank independently calculate investment returns based upon market values and cash flows reported by the custodian bank. FPPA has utilized the returns calculated by its investment staff in this report.

## Members' Benefit Fund

#### Summary of Investment Objectives

The Board, in developing investment objectives, asset allocation, and investment guidelines, recognizes that the Members' Benefit Fund ("the fund") includes the assets of nearly 200 different benefit plans, all having a different funded status. To manage these assets effectively and prudently, the Board has, in its planning process, considered, and will continue to consider, all of the plans'

liabilities, both present and projected.

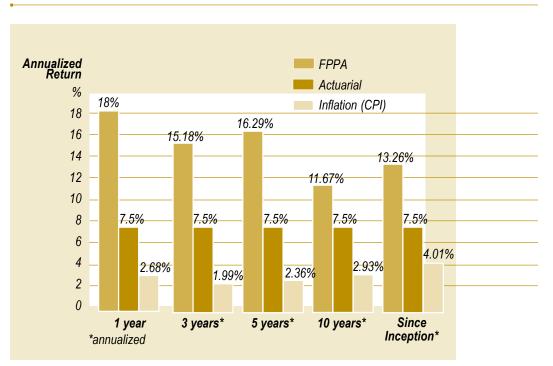
The investment objectives of the Board represent desired results and are long-term in nature. Given assumptions about current and projected capital market conditions, a real rate of return objective for plan assets has been set. This objective may be modified based on changes in plan conditions or the nature of the capital markets.

The overall objective of the Fund is to balance and prudently manage the investment needs (risks and return) of all plans participating in the fund, including the need to eliminate current unfunded liabilities and/or to protect surpluses, if possible. This objective is expected to be achieved over time and within any applicable statutory limits.

The Board has established the following minimum average annual real rate of return objectives for each asset class in which the fund is invested: Core Domestic Equities 6%, Small Cap. Domestic Equities 7.5%, Core Domestic Fixed Income 3%, High Yield Domestic Fixed Income 6%, International Equities 6%, Global Fixed Income 3%, Real Estate 4%, Alternative Investments 12%.

FPPA's investment objectives and policies are reviewed at least annually. Return targets are expected to be achieved "over time", meaning every successive 3-5 year period. Further, the Board expects the objectives to be fulfilled within levels of risk that a prudent investor, as defined by statute, would take under similar conditions. Additionally, the Board expects the actuarial soundness of the plans participating in the fund, as it relates to the achievement of the actuarial interest rate, will not be jeopardized.

Each professional investment management firm retained by the Board must execute an Investment



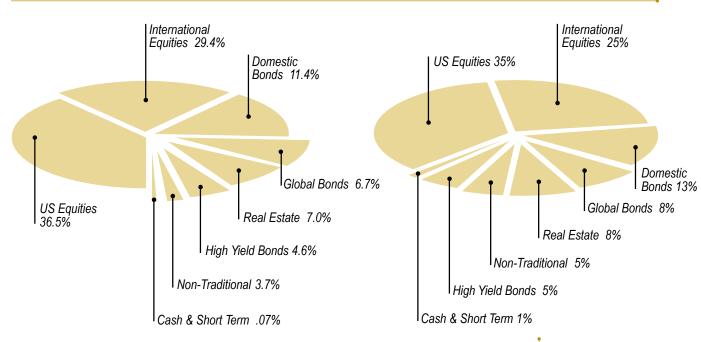
## FPPA Fund Return vs. Inflation and Actuarial Requirements (inception - 1999)

Manager Agreement, the form and substance of which is mutually agreed upon. Each firm must also agree, in writing, to abide by the policies and guidelines of the Association's investment policy and any additional instructions specific to that particular investment firm.

Investment management firms may be allowed sole discretion with respect to investment decision making, subject at all times to the standards and limitations set forth in CRS 31-31-302 and CRS 15-1.1-101, et seq. The management firm must follow its stated selling discipline, as presented to the Board. Each management firm must assume the responsibility of continued compliance with any changes in legislation approved in the State of Colorado that may impact the management of the fund.

Cash equivalents, when utilized by an investment manager, are to be actively managed. In addition, unless agreed to between the Board and the manager, cash equivalent holdings are to be minimized. Commingled funds of any manager may not be used without prior approval of the Board. Securities that are assets of the fund may not be utilized in securities lending programs without prior approval of the Board.

It is the philosophy of the Board that the investment managers, the Board, the Chief Investment Officer, the Executive Director and the consultant retained by the Board, shall engage in an active partnership to focus on the long-term objectives and goals of the fund. Therefore, periodic review meetings are held to evaluate the managers' progress as it relates to achievement of long-term policies. Performance evaluations are constructed to provide a uniform and consistent basis for the evaluation of each manager as well as the total fund. The total fund results, as well as those of each manager, will be evaluated against several benchmarks including, but not limited to: the achievement of the real rate of return objective, comparison against the performance of other tax-exempt



## 1999 Asset Allocation

1999 Target Asset Allocation

55

funds, and evaluation against indices. Each manager is evaluated on an on-going basis with evaluations conducted for the most meaningful periods of time within the year, one-year, three-year, and five-year periods ending with the most recent quarter.

#### Asset Allocation

Asset allocation is a risk management process designed to determine an optimal long-term asset mix, which achieves a specific set of investment objectives. Of all the components of investment policies formulated by the FPPA Board of Directors, asset allocation will have the most impact on the long-term total rate of return. Therefore, the establishment of allocations across the major asset classes is a significant decision in the pension investment management process.

Diversification is the key to effective risk management. Management of asset class allocations and diversification of investment approaches (i.e.: index funds, active core, active specialty) is enabling the Association to more effectively control the fund's risk/reward parameters. The fund's assets are diversified in order to minimize the impact of large losses in individual investments in the total fund. The Board believes that diversification is, in part, accomplished through the selection of investment managers. The Board therefore stresses to each investment management firm that it not act as if it were the sole manager of the fund.

The Board's policy is to have an asset allocation study performed approximately every two to three years. The purpose of this study is to provide additional information regarding the rates of return by asset class, correlation coefficients between asset classes, and to provide a source of information for the Board to utilize in determining asset allocation ranges.

The Board is conscious of the need to evaluate the risk in the investment program and uses several gauges to monitor risk. They include, but are not limited to, variation in the asset mix from the policy, variability of returns, relative performance results, diversification measures, financial characteristics of the portfolio, and portfolio sensitivity to changes in the market. These measures are applied to the total fund, as well as individual managers, as appropriate.

The asset class allocation strategy developed by the Board during 1999 has the following target allocations: U.S. equities 35%, international equities 25%, domestic core bonds 13%, domestic high yield bonds 5%, global bonds 8%, real estate 8%, cash and short-term investments 1%, and non-traditional investments 5%.

The Association has established relationships with investment management firms with a diversity of management approaches. The managers have discretionary authority in the selection and retention of individual investments, subject to state statutory restrictions and the Association's investment policy guidelines.

For the Members' Benefit Fund, as of December 31, 1999, the Association employed the external investment managers listed in the table on page 58.

### Members' Money Purchase Plan Benefit Fund and Members' Statewide Money Purchase Plan Benefit Fund

#### Summary of the Funds' Objectives

The Members' Money Purchase Plan Benefit Fund and the Members' Statewide Money Purchase Plan Benefit Fund ("the funds"), include the assets of the statewide money purchase plan and

affiliated local money purchase plans ("the plans"). Plan documents require that employer contributions to these plans be invested in the Members' Benefit Fund, detailed in the previous section. Members of the plans, however, may direct their employee contributions to one or more of the investment options selected by the Board.

It is the Board's intent to select well managed funds, across diversified asset classes, as investment options for members participating in the plans. In doing so, the Board will comply with the requirements of Colorado law governing its selection of investment options for such members, and pursuant to the funds' master statement of investment policies and objectives, while at the same time seeking to delegate its fiduciary liability to the extent prudent.

In order to provide members with the opportunity to select risk/reward strategies to meet their savings and investment goals, the Board will provide fund options with distinctly different risk/ reward trade-offs, each holding securities that are, in the majority, exclusive of the other mangers. To this end, the Board's policy is to have a study of investment options performed approximately every two years. The purpose of this study is to provide updated information regarding the risk/ reward profiles of current fund options, as well as alternative fund options across various asset classes. This information will be utilized by the Board in determining appropriate fund options.

Members make their own decisions when directing the investment of their contributions and accumulated account balances among the investment options offered. Members assume the risk of investment results derived from both the options offered and the strategies they select. It is the member's responsibility to allocate and reallocate assets among investment options as personal circumstances change. The options offered allow the members to address the risks and needs members face.

#### Fund Options for Members

As with any investment strategy, diversification is the key to effective risk management. Consequently, FPPA's Board of Directors has selected a variety of funds across various asset classes from which members can select investment options. Within the funds, one or more pooled investment vehicles are offered in the following asset classes: Money Market, Stable Value (GIC), Domestic Bond, Domestic Balanced, Domestic Equity, Global Equity, and International Equity.

For the funds, as of December 31, 1999 the Association employed the investment managers and the investment options listed in the table on page 95.

#### Changes Slated for 2000-2001

The Board is currently in the process of studying changes to the administration of the funds and the investment options offered to participants. It is likely that changes will be made to the investment lineup and that services to members will be expanded. Members will be fully apprised before changes are implemented. The Board hopes to complete this project in 2000, with any changes implemented no later than early 2001.

## Asset Allocation by Category & Investment Manager

ASSET CLASS MANAGER	Investment Style	Management Fees	TOTAL ASSETS	% of Total Assets
Domestic Equities *** Oppenheimer TH&B State Street Global Advisors State Street Global Advisors State Street Global Advisors Brandywine J.P.Morgan Total Domestic Equities	Lg. Cap. Value Sm. Cap. Growth Russell 1000 Growth Index Russell 1000 Value Index S&P 500 Index Sm. Cap. Value S&P 500 Enhanced Index	\$ 327,561.38 272,245.00 (772.14)** 5,478.20 ** 31,004.46 ** 194,360.87 162,753.14	\$ -0- 108,796,246.31 159,236,114.75 179,748,089.87 338,102,154.71 45,040,372.31 <u>119,643,399.53</u> \$ 950,566,377.48	.00% 4.18% 6.12% 6.91% 12.99% 1.73% <u>4.60%</u> 36.52%
International Equities State Street Global Advisors Morgan Stanley M.S.Emerging Markets State Street Global Advisors Putnam Total International Equities	EAFE Index Active/Passive EAFE Active E.M. Passive E.M. Index Active EAFE	\$ 11,327.25 ** 544,721.87 * 109,972.19 857,320.63	<pre>\$ 167,330,461.93 188,812,050.87 52,483,436.83 46,983,921.55 <u>309,528,163.87</u> \$ 765,138,035.05</pre>	6.43% 7.25% 2.02% 1.80% <u>11.89%</u> 29.39%
Domestic Fixed Income *** Putnam Trust Company of the West Bradford & Marzec PIMCO Western Asset Management <i>Total Domestic Fixed Income</i>	Active Core High Yield Active Core Active Core Active Core	\$ 98,395.59 467,536.35 185,805.03 141,027.00 130,402.47	\$ -0- 118,541,978.60 98,977,883.36 99,821,647.51 <u>99,024,324.49</u> \$ 416,365,833.96	.00% 4.55% 3.80% <u>3.83%</u> <u>3.80%</u> 16.00%
Global Fixed Income Deutsche Asset Management Strategic Fixed Income Total Global Fixed Income	Active Global Bonds Active Global Bonds	\$ 360,864.05 235,024.44	\$ 110,857,012.90 <u>63,443,330.46</u> \$ 174,300,343.36	4.26% <u>2.44%</u> 6.70%
Real Estate & Natural Resources RREEF PRISA PM Realty Apollo RE Internal Hancock Timber Blackstone RE <i>Total Real Estate &amp; Natural Resou</i>	Pooled Pooled Directly Owned Limited Partnership Directly Owned Timberlands Limited Partnership Urces	* * * * * *	\$ 5,352,731.82 15,670,902.19 95,599,062.11 10,400,026.79 2,129,547.98 51,007,227.03 <u>1,559,588.00</u> \$ 181,719,085.92	0.21% 0.60% 3.67% 0.40% 0.08% 1.96% <u>0.06%</u> 6.98%
Alternative Investments Larimer Venture Charles River Columbine Glenwood Oxford Partners Prince Venture HarbourVest (Falcon) HarbourVest Intnl. TCW Special Credits Doughty Hanson		* * * * * * * * *	\$ 1,585,078.70 1,184,715.47 3,154,622.06 246,773.96 10,681.17 641,002.20 629,362.25 2,717,973.28 598,777.19 2,876,336.49	0.06% 0.05% 0.12% 0.01% 0.00% 0.02% 0.02% 0.11% 0.02% 0.11%

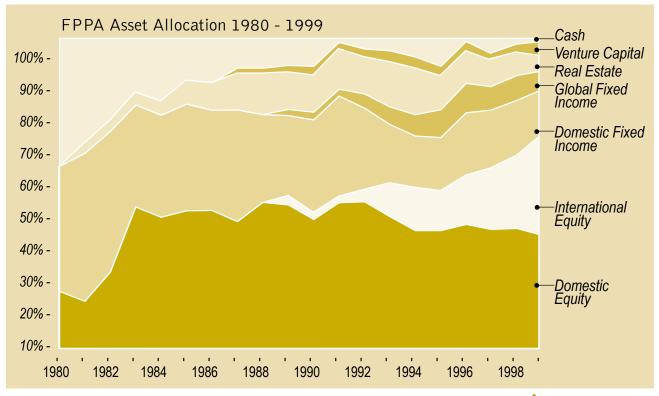
\* Fees netted against trust fund income \*\* Fees net of securities lending income \*\*\* Terminated in 1999

ASSET CLASS MANAGER Investment Style	Management Fees	TOTAL ASSETS	% of Tota Assets
Centennial Fund	*	1,467,861.00	0.06%
Willis Stein	*	2,986,104.58	0.11%
ABS Capital Partners	*	3,499,409.05	0.13%
Boston Ventures	*	3,741,861.20	0.14%
SKM Equity Fund	*	6,418,502.20	0.25%
Vestar Capital Partners	*	7,748,054.18	0.30%
Heritage Fund	*	3,538,275.40	0.14%
Chisolm Partners	*	7,663,776.27	0.29%
TPG Partners	*	8,336,489.19	0.32%
Blackstone Partners	*	4,802,607.04	0.18%
Candover Partners	*	5,456,142.80	0.21%
Nordic Capital	*	3,269,630.03	0.13%
Apollo Investment Fund	*	6,628,823.36	0.25%
Aurora Equity Partners	*	2,544,827.09	0.10%
First Reserve Fund	*	3,493,999.87	0.13%
Harvest Partners	*	3,173,113.06	0.12%
Sprout Capital	*	2,739,920.46	0.11%
Thomas Lee Equity Fund	*	4,820,500.75	0.19%
Internal	*	127,080.62	0.00%
Total Alternative Investments		96, 102, 300.92	3.69%
Cash Held at State Street Bank & Trust		18,882,646.47	0.73%
TOTAL ASSETS		\$2,603,074,623.16	100.00%

Asset Allocation by Category & Investment Manager

\* Fees netted against trust fund income

\*\* Fees net of securities lending income



'Top 20 Holdings'

## 'Top 20' Equity Holdings \*

Company	Market Value	
SONY CORP	16,094,004.34	
NOKIA AB OY	15,073,919.32	
MANNESMANN AG	12,650,239.14	
ERICSSON(LM) TEL	11,982,453.29	
TOTAL FINÀ	10,480,364.74	
SHELL TRNSPT+TRDG	9,785,876.23	
KYOCERA CORP	9,746,650.10	
NIPPON TEL+TEL CP	9,551,990.98	
NIKKO SECURITIES	9,536,555.20	
CHINA TELECOM	9,378,015.05	
TOTAL FINA	9,049,258.39	
TELECOM ITALIA MOB	8,559,809.99	
BRITISH TELECOM	7,858,580.29	
FRANCE TELECOM	7,651,001.51	
PHILIPS ELEC(KON)	7,576,397.39	
ING GROEP NV	6,618,008.69	
MICROSOFT CORP	6,479,625.00	
RICHEMONT(CIE FIN)	5,513,126.49	
NEWS CORP`LTD	5,498,169.75	
GRANADA GROUP	5,136,662.65	

'Top 20' Fixed Income Holdings \*

Company	Due	Market Value	
GNMA I TBA JAN 30 SINGLE FAM, 7.0%	15 Dec 2099	20,664,482.00	
UNITED STATES TREAS NTS, 4.5%	31 Jan 2001	20,157,240.00	
FNMA TBA JAN 30 SINGLE FAM, 7.5%	01 Dec 2099	14,682,937.50	
UNITED STATES TREAS BDS, 14.0%	15 Nov 2011	14,229,000.00	
JAPAN (GOVT OF), 0.9%	22 Dec 2008	11,465,963.47	
FHLMC TBA JAN 30 GOLD SINGLE, 6.5%	01 Dec 2099	10,842,315.00	
GERMANY(FED REP), 6.0%	04 Jan 2007	8,757,539.11	
UNITED STATES TRÉAS NTS, 6.375%	30 Sep 2001	6,863,905.50	
GERMANY(FED REP), 6.25%	04 Jan 2024	6,218,639.35	
UNITED STATES TRÉAS BDS, 8.125%	15 Aug 2019	5,652,068.80	
UNITED STATES TREAS NTS, 6.5%	31 May 2001	5,622,736.00	
UNITED STATES TREAS BDS, 3.875%	15 Apr 2029	5,465,479.10	
ITALY (REP OF), 6.0%	01 Nov 2007	5,383,491.03	
FRANCE(GOVT OF), 4.0%	12 Jul 2000	5,090,496.26	
GERMANY (FED RÉP), 6.0%	05 Jan 2006	4,963,221.67	
UNITED STÀTES TREAS NTS, 3.625%	15 Jan 2008	4,926,743.32	
GENERAL ELEC CAP CORP MTN, 6.32%	19 May 2000	4,918,750.00	
GNMA I TBA JAN 30 SINGLE FAM, 6.5%	15 Dec 2099	4,598,356.00	
ITALY (REP OF), 7.75%	01 Nov 2006	4,597,671.96	
UNITED STATES TREAS NTS, 6.25%	15 Feb 2003	4,566,397.40	

\*Excludes Index Funds

Note: space and cost restrictions make it impractical to print the entire investment portfolio in this report. However, a portfolio listing is available for review at FPPA's office.

Series Name benchmark indices	1 year return	3 years return*	5 years return*
PPA Total Fund	18.00	15.18	16.29
Domestic Equity Accounts Russell 3000 Stock Index	17.16 20.90	21.61 25.53	24.73 26.94
nternational Equity Accounts MSCI All Country World	45.06	16.40	13.75
Free Ex U.S. Index	31.79	15.21	12.10
II Equity Accounts	28.10	20.53	21.99
Domestic Fixed Inc. Accounts Lehman Brothers Aggregate Index	0.87 (0.82)	6.10 5.73	7.87 7.73
Global Fixed Income Accounts SB World Government Bond Index	(5.91) <i>(4.27)</i>	3.36 <i>3.43</i>	7.06 6.42
ll Fixed Inc. + Cash Eq.	(1.04)	5.17	7.34
II Real Estate Accounts	8.72	11.19	10.97
Il Alternative Accounts	14.33	10.82	12.27
Annualized			

Fund Performance Summary as of December 31, 1999

Schedule of Brokerage Commissions

Broker Name	Commission	Shares	Per Share	
Merrill Lynch	256,165.92	8,403,803	0.03	
Goldman Sachs	137,175.50	7,018,182	0.02	
Warburg Dillon Reed	123,030.72	5,226,737	0.02	
Credit Lyonnais	15,915.15	4,711,835	0.00	
State Street Brokerage Services	125,582.01	3,742,450	0.03	
Lehman Brothers	46,898.27	3,487,843	0.01	
Dresdner Kleinwort Benson	68,645.79	3,164,713	0.02	
Salomon Smith Barney	60,107.69	2,821,261	0.02	
Deutsche Bank	39,006.49	2,399,125	0.02	
Morgan Stanley	95,435.83	2,310,831	0.04	
CS First Boston Corporation	90,104.23	2,232,220	0.04	
Instinet Corp	50,295.76	2,051,277	0.02	
UBS Ag	32,991.22	1,377,085	0.02	
ABN Amro Securities	23,983.00	1,173,209	0.02	
Furman, Selz, Magerdietz & Birney	11,308.55	1,083,366	0.01	
SG Cowen Securities Corp	19,287.84	1,072,258	0.02	
nvestment Technology Group Inc.	19,589.61	1,062,550	0.02	
Nomura Securities Co Ltd	7,062.28	926,424	0.01	
Jefferies & Co	27,487.02	912,793	0.03	
J.P. Morgan	16,336.58	855,047	0.02	
Robert Fleming	4,509.99	803,309	0.01	
HSBC Securities Inc.	17,937.23	779,144	0.02	
Jones & Associates	18,922.67	612,800	0.03	
Wertheim Schroder	9,718.07	525,117	0.02	
Cazenove & Co	7,731.72	508,693	0.02	
Schroedermunchmeyer Hengst & Co.	14,714.94	478,373	0.03	
Robert Baird & Co.	3,090.00	448,000	0.01	
Blair, William, And Company	8,502.00	378,800	0.02	
Friedman Billings & Ramsey	3,449.00	368,800	0.01	
Goodbody Stockbrokers	6,325.99	363,187	0.02	
Lewco Securities	16,019.06	356,071	0.04	
Cantor Fitzgerald	19,461.10	342,065	0.06	
Paine Webber Incorporated	18,324.16	337,556	0.05	
Janney, Montgomery, Scott	16,152.00	269,200	0.06	
Williams Capital Group	12,698.33	245,825	0.05	
Capital Institutional Services	14,208.00	236,800	0.06	
Howard, Weil, Labouisse, Friedrichs	12,269.00	231,800	0.05	
NCB Stockbrokers	5,391.36	214,776	0.03	
Davy (J&E)	3,451.43	191,259	0.02	
Charterhouse Tilney Securities Ltd	4,607.92	181,722	0.03	

continued on next page

## Schedule of Brokerage Commissions

Broker Name	Commission	Shares	Per Share
Nationsbanc Montgomery Securities	2,755.90	177,950	0.02
Donaldson, Lufkin & Jenrette Secs	11,717.24	173,610	0.07
Enskilda Securities	7,127.71	145,531	0.05
Bank Of America Securities Llc	1,523.00	129,500	0.01
Wood Gundy	4,200.00	127,000	0.03
Bear Stearns Securities Corp	6,042.06	126,310	0.05
Societe Generale Securities Corp	923.60	112,560	0.01
Fiserv Correspondent Services Inc	3,587.00	110,500	0.03
CIBC Oppenheimer & Co.	6,491.00	109,900	0.06
Prudential Securities Incorporated	6,193.80	104,400	0.06
C.L.King & Associates	5,838.00	101,100	0.06
Keefe Bruyette & Woods Inc	3,709.00	89,300	0.04
SK International Securities	5,178.00	86,300	0.06
Mcdonald & Co	1,560.00	86,200	0.02
Macquariebank Limited	994.05	80,900	0.01
Punk Ziegel And Knoll	654.00	79,500	0.01
Weeden & Co.	1,347.00	78,200	0.02
Sanford Bernstein & Co Inc	5,408.28	77,211	0.07
Hoenig & Co.	4,068.30	74,512	0.05
Knight Securities L.P.	3,824.00	71,000	0.05
First Union Capital Markets	3,900.00	68,000	0.06
Sherwood Securities	3,049.00	65,600	0.05
BT Alex Brown	683.80	63,800	0.01
First Analysis Securities Corp	3,612.00	60,200	0.06
BNY ESI &Co - Alpha Division	3,264.00	54,400	0.06
All Other Brokerage Firms (Shares < 50	,000) 89,326.38	1,413,756	0.06
Totals	1,670,870.55	67,773,546	0.02

## Actuarial Section

As of December 31, 1999

the Members' Benefit Fund of

the Fire and Police Pension Association

was comprised of the following individual plans:

the Statewide Defined Benefit Plan,

the Statewide Death and Disability Plan,

the Statewide Money Purchase Plan,

56 local defined benefit pension plans,

4 local money purchase plans,

and 133 volunteer firefighters pension plans.

Actuarial Section, page 66

**Buck Consultants Letter** 

General Information and Actuarial Assuptions

#### General Information

As of December 31, 1999 the Members' Benefit Fund of the Fire and Police Pension Association was comprised of the following individual plans: the Statewide Defined Benefit Plan, the Statewide Death and Disability Plan, the Statewide Money Purchase Plan, 56 local paid pension plans, 4 local money purchase plans, and 133 volunteer firefighters pension plans. An independent actuarial firm is hired by the Association to perform annual valuations on the two statewide plans, and to perform bi-annual valuations on the local plans. In 1999 the independent actuarial valuation was performed by Buck Consultants.

All of the local paid pension plans have a valuation performed as of January 1 of the even numbered years (1998, 2000, etc.). All of the affiliated volunteer firefighters plans have valuations performed as of January 1 of the odd numbered years (1999, 2001, etc.).

Each of the locally administered plans has a different benefit and member structure. All of the affiliated plans use the actuarial assumptions which have been established by FPPA's Board of Directors.

The following data covers detailed information on the two statewide plans as well as the other affiliated local plans.

#### Summary of Actuarial Assumptions

The Statewide Defined Benefit Plan was created by state statute to cover all members hired on and after April 8, 1978 for normal retirement benefits. The purpose of the creation of this plan was to close entry to all of the local plans, most of which had significant unfunded liabilities. The statewide plan is a multiple employer, cost-sharing public employee retirement system (PERS). As of December 31, 1999, 145 departments throughout the state were participating in the plan.

The Statewide Death and Disability Plan is a multiple employer cost sharing plan, funded almost exclusively by contributions from the state. This plan was created by state statute, and is designed to provide both on and off-duty coverage for death and disability for all members in the state who have not yet completed the age and service requirements for a normal retirement. As of December 31, 1999, 333 departments were participating in this plan.

The valuation for the Statewide Defined Benefit Plan is then used to determine the normal cost of the plan, and to determine any "excess" contribution amounts which may be allocated to the members' separate retirement accounts (SRAs) for the following year.

Data for the valuation is provided by FPPA's staff from the membership and payroll systems. The data was examined for general reasonableness and consistency with prior years' information by the independent consulting firm but was not audited.

The actuarial valuation computations were made by or under the supervision of a Member of the American Academy of Actuaries (MAAA) and an Enrolled Actuary (EA).

The following economic and non-economic assumptions were adopted by the FPPA Board of Directors and were first used during the January 1, 1993 actuarial valuations.

#### Economic Assumptions

The investment rate of return for purposes of the actuarial valuation is 7.5% per annum, compounded annually and net of operating expenses. Future inflation is assumed to be 4.0% annually and is included in the active members' salary projections. Thus, the real investment rate of return,

General Information and Actuarial Assuptions

net of inflation, is 3.5% per annum.

Active members' salary increases are composed of two pieces, inflation increases and merit increases. As stated above, inflation is assumed to be 4.0% annually. For the statewide plans, merit increases vary by the service of the member but decrease with service. For the other affiliated plans, merit increases vary by length of service of the member but also decrease with age. Retirees and beneficiaries are projected to receive annual cost-of-living increases of 3.0% per year, the maximum allowed under state statute.

Under the Statewide Defined Benefit Plan, social security benefits for supplemental social security departments are assumed to increase by 4.0% annually and the social security wage base is assumed to increase by 5.0% per year. Under the other affiliated plans, paid plan retirees and beneficiaries from <u>limited</u> rank escalation departments are projected to receive annual cost-of-living increases of 4% per annum, compounded annually for benefits accrued prior to January 1, 1980, and 3% per annum thereafter, (maximum permitted by law). Paid plan retirees and beneficiaries from <u>full</u> rank escalation departments are projected to receive annual cost-of-living increases of 4% per annum thereafter, (maximum permitted by law). Paid plan retirees and beneficiaries from <u>full</u> rank escalation departments are projected to receive annual cost-of-living increases of 4% per annum.

Assets are valued at current fair market value.

No new members are projected to be added to the plans.

#### Non-economic Assumptions

The 1983 Group Annuity Mortality (GAM) Table, loaded by .0005 for firefighters and police experience, is used in the valuation for active members. The 1983 GAM Table, unchanged, is used in the valuation of benefits. For the Statewide Defined Benefit Plan, those benefits are for retirees and their spouses. For the Statewide Death and Disability Plan, those benefits are for occupationally disabled retirees and surviving spouses. The 1983 Railroad Retirement Totally Disabled Annuitant Mortality Table is used in the valuation of benefits for totally disabled retirees. And for the other affiliated plans, those benefits are for volunteer (actives and retirees) and paid retirees and their spouses.

The probabilities of separation from service and disablement are based on paid firefighter and police and volunteer experience, and for disablement reflect the increased probability of injury/disablement due to the hazardous nature of firefighter and police work.

The actuarial method used for the valuation of benefits is specified by state statute to be either the Entry Age Normal or Aggregate Cost Method, with experience gains or losses adjusting the unfunded actuarial accrued liability. State statute does also specify that the Statewide Defined Benefit Pension Fund is not allowed to have an unfunded liability. Therefore, the surplus in the fund is amortized over 30 years from the valuation date and 40 years from January 1, 1980 in the case of the Statewide Death and Disability Plan.

### Pre-Retirement Assumptions

Years of	Inci	eases in Earl	nings
Service	(Merit)	(Inflation)	(Total)
<1	9.00%	4.00%	13.00%
1	8.50%	4.00%	12.50%
2	8.00%	4.00%	12.00%
3	7.50%	4.00%	11.50%
4	2.50%	4.00%	6.50%
5	2.00%	4.00%	6.00%
6	1.50%	4.00%	5.50%
7	1.00%	4.00%	5.00%
8	0.75%	4.00%	4.75%
9+	0.50%	4.00%	4.50%

General Information and Actuarial Assumptions

## **Pre-Retirement Assumptions**

Sample Ages	Incre (Merit)	eases in Earr (Inflation)	iings (Total)	Annu	isability al Rate Per 00 Members (Volunteer)		Separat Annual Rai 1,000 Mem (Police)	te Per bers	Annua	eath I Rate Per Members (Female)
20	9.0%	4.0%	13.00%	1.20	0.20	39.0	50.0	192.0	0.877	0.689
30	4.0%	4.0%	8.0%	1.52	0.52	19.6	35.0	160.0	1.107	0.842
40	1.5%	4.0%	5.5%	2.94	1.94	5.6	18.0	112.0	1.738	1.165
45	1.0%	4.0%	5.0%	8.00	7.00	9.0	15.0	96.0	2.683	1.510
50	0.75%	4.0%	4.75%	14.00	13.00	15.7	20.0	80.0	4.409	2.147
55	0.50%	4.0%	4.5%	17.20	16.20	22.4	30.0	96.0	6.631	3.041

For Statewide Death and Disability Plan:

Service Retirement:

1) Statewide Defined Benefit Plan members - Age 55 and 10 years of service, or current age and service, if greater.

2) Money purchase plan members - Age 65 or current age, if greater.

3) Denver Police local plan members - Age after 25 years of service, or current age if greater.

4) Denver Fire local plan members - Age 50 and 25 years of service or current age if greater.

5) All other plan members - Age 52 or current age, if greater.

## Post Retirement Assumptions

Sample Ages	COLA Increases	Social Security (Benefit)(Wage Base)		Full Limited Rank Rank (Pre 1980) (Post 1980)			Retiree/Sur Occupatio De Annual 1,000 M (Male)	Total Disability Death Annual Rate Per 1,000 Members (Unisex)	
20	3.0%	4.0%	5.0%	4.0%	4.0%	3.0%	0.377	0.189	10.60
30	3.0%	4.0%	5.0%	4.0%	4.0%	3.0%	0.607	0.342	10.60
40	3.0%	4.0%	5.0%	4.0%	4.0%	3.0%	1.238	0.665	13.50
45	3.0%	4.0%	5.0%	4.0%	4.0%	3.0%	2.183	1.010	20.00
50	3.0%	4.0%	5.0%	4.0%	4.0%	3.0%	3.909	1.647	31.64
55	3.0%	4.0%	5.0%	4.0%	4.0%	3.0%	6.131	2.541	37.81
60	3.0%	4.0%	5.0%	4.0%	4.0%	3.0%	9.158	4.241	42.46
65	3.0%	4.0%	5.0%	4.0%	4.0%	3.0%	15.592	7.064	51.20
70	3.0%	4.0%	5.0%	4.0%	4.0%	3.0%	27.530	12.385	67.47

For Statewide Defined Benefit Pension Plan :

Service Retirement: Age 55 and 10 years of service, or current age and service if greater.

## Summary of Plan Provisions

## STATEWIDE DEFINED BENEFIT PLAN

## Schedule of Active Member Valuation Data

Valuation Date	Number	Annual Payroll	Annual Average Pay	% Increase in Average Pay
1/1/99	2,513	\$102,400,344	\$40,748	3.69%
1/1/98	2,328	\$91,488,829	\$39,299	7.52%
1/1/97	2,202	\$80,484,109	\$36,550	5.14%
1/1/96	2,103	\$73,106,851	\$34,763	(3.67%)
1/1/95	1,867	\$67,372,004	\$36,086	4.36%
1/1/94	1,786	\$61,756,708	\$34,578	5.14%

## Development of Actuarial Gain or Loss - 3% COLA for All Members

	Actuarial Accrued Liability (1)	Plan Assets (2)	Unfunded Actuarial Accrued Liability (1 - 2)	
January 1, 1998	\$211,124,949	\$261,508,736	(\$50,383,787)	
Normal Cost	\$12,699,925	N/A	\$12,699,925	
Contributions	\$6,828,077	\$16,807,573	(\$9,979,496)	
Benefit Payments	(\$1,422,766)	(\$1,422,766)	\$0	
Interest on:				
January 1, 1998	\$15,834,371	\$19,613,155	(\$3,778,784)	
Normal Cost	\$952,494	\$0	\$952,494	
Contributions	\$256,053	\$630,284	(\$374,231)	
Benefit Payments	<u>(\$53,354)</u>	<u>(\$53,354)</u>	<u>\$0</u>	
	\$16,989,564	\$20,190,085	(\$3,200,521)	
Expected January 1, 1999	\$246,219,749	\$297,083,628	(\$50,863,879)	
Actual January 1, 1999	\$249,446,556	\$311,057,177	(\$61,610,621)	
Gain or Loss	(\$3,226,807)	(\$13,973,549)	\$10,746,742	
Excess Return on SRA	\$2,501,225	<u>\$2,501,225</u>	<u>\$0</u>	
Net Gain or Loss	(\$ 725,582)	(\$11,472,324)	\$10,746,742	
	Loss	Gain	Gain	

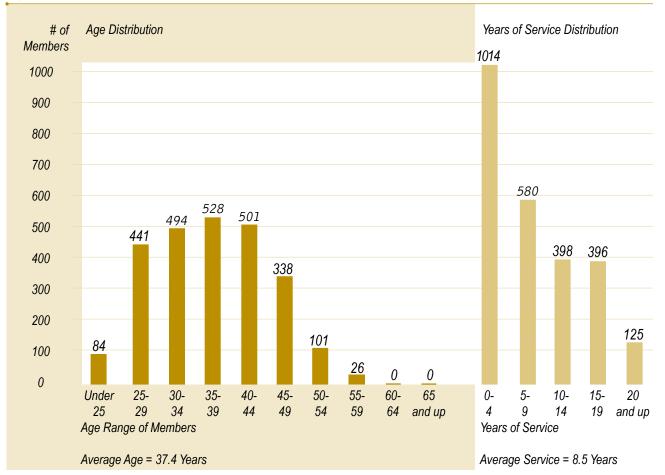
## Schedule of Retirees and Beneficiaries Added to and Removed from Benefit Payroll

		to Payroll Annual		<b>from Payroll</b> Annual		ayroll Annual	% Increase in Annual	Average Annual
Year Ended	Number	Benefit	Number	Benefit	Number	Benefit	Benefit	Benefit
1/1/99	5	\$61,039	0	\$0	25	\$253,185	61.77%	\$10,127
1/1/98	2	\$22,218	1	\$568	20	\$156,512	13.72%	\$7,826
1/1/97	8	\$54,955	1	\$568	19	\$137,627	53.59%	\$7,244
1/1/96	3	\$21,759	1	\$5,071	12	\$89,605	14.06%	\$7,467
1/1/95	3	\$22,458	1	\$4,740	10	\$78,559	17.56%	\$7,856
1/1/94	3	\$23,324	2	\$22,240	8	\$66,824	41.68%	\$8,353

## **Actuarial Section**

Summary of Plan Provisions

## STATEWIDE DEFINED BENEFIT PLAN



## Age and Years of Service Distribution

## The Statewide Defined Benefit Plan Solvency Test

The FPPA funding objective for the Statewide Defined Benefit Plan is to be able to pay the retirement benefits promised to the members including the granting of an annual cost-of-living increase to all retirees and beneficiaries. The objective is to entirely fund these promised benefits by 16% of pay, 8% from the employee and 8% from the employer.

A short-term solvency test is used to check FPPA's funding progress towards its funding objective. In a short-term solvency test, the plan's present assets are compared with: (1) liability for active member contributions on deposit, (2) liability for future benefits to present retired lives, (3) liability for service already rendered by active members.

Expressing the net assets available for benefits as a percentage of the different liability measures provides one indication of the funding status on a going-concern basis. Generally the greater the percentages, the stronger the public employee retirement system.

## Summary of Plan Provisions

The schedule below illustrates the progress in funding the various liability measures. As can be seen by the funded percentages, the liabilities continue to be 100% covered by current assets. This plan does not have any unfunded liability and current contributions exceed the cost of annual benefit accruals.

## Statewide Defined Benefit Plan - Solvency Test

		Aggre					
Valuation Date	Valuation Assets (000's)	(1) Active Member Contributions (000's)	(2) Retirees and Beneficiaries (000's)	(3) Active Members (Employer Financed Portion) (000's)*	Funded Percentages (1) (2) (3)		
1/1/99 1/1/98 1/1/97 1/1/96 1/1/95 1/1/94	\$311,057 \$261,509 \$217,454 \$180,001 \$137,169 \$125,632	\$58,232 \$51,092 \$47,439 * *	\$8,539 \$6,521 \$5,056 \$3,083 \$2,500 \$1,717	\$182,676 \$153,512 \$119,448 \$137,531 \$113,328 \$95,994	100% 100% 100% N/A N/A N/A	100% 100% 100% 100% 100% 100%	100% 100% 100% 100% 100% 100%

\*Included in Column 3

## SUMMARY OF PLAN PROVISIONS

## Statewide Defined Benefit Plan

#### Members Included

Members included are active employees who are full-time salaried employees of a participating municipality or fire protection district normally serving at least 1,600 hours in a calendar year and whose duties are directly involved with the provision of police or fire protection.

#### Compensation Considered

Base salary, including member contributions to the Statewide Defined Benefit Plan which are "picked up" by the employer, longevity, sick and vacation pay and shift differential.

#### Normal Retirement Date

A member's Normal Retirement Date shall be the date on which the member has completed at least twenty-five years of credited service and has attained the age of 55.

#### Normal Retirement Benefit

The annual Normal Retirement Benefit shall be two percent of the average of the member's highest three years base salary multiplied by the member's years of credited service, not to exceed twenty-five years.

#### Summary of Plan Provisions

## STATEWIDE DEFINED BENEFIT PLAN

The benefit for members of affiliated social security employers will be reduced by the amount of the social security income the member receives annually.

#### Early Retirement Benefit

A vested member shall be eligible for an Early Retirement Benefit after completion of thirty years of service or attainment of age 50. The Early Retirement Benefit shall be the Normal Retirement Benefit reduced by one half of one percent for each month that the benefit commences prior to age 60.

The benefit for members of affiliated social security employers will be reduced by the amount of social security income the member receives annually.

#### Late Retirement Benefit

The Normal Retirement Benefit for members who continue to work after their normal retirement date will be increased by 2% of the member's highest average three years base salary, multiplied by the member's years of service after their Normal Retirement Date. The maximum benefit which will be paid by the plan is 70% of average pay.

#### Terminated Vested Benefit

A member who terminates with at least ten years of active service may leave his contributions in the fund and when the member attains age 55 be eligible to receive an annual benefit equal to two percent (2%) of the average of his highest three years base salary multiplied by his years of active service not to exceed twenty-five years. In the event that the member dies prior to the commencement of payments, his designated beneficiary shall receive either a refund of member contributions or a 50% joint and survivor annuity payable when the member would have been eligible for a benefit, whichever is greater. If the member's designated beneficiary dies prior to the time the member would have been eligible to receive a benefit, a refund of the member's employee contribution shall be paid to the beneficiary's estate.

The benefit for members of affiliated social security employers will be reduced by the amount of social security income the member receives annually.

#### Severance Benefits

In lieu of a future pension, a member may upon termination elect to have the member's accumulated contributions refunded in a lump sum. In addition to receiving the accumulated contributions, the member shall receive five percent of the total accumulated contributions as interest.

#### Cost-of-Living Increases for Benefits in Pay Status

If adopted by the municipality prior to January 1, 1980, benefits are increased annually on October 1 to reflect increases in the Consumer Price Index. The amount of increase is based on the Board's discretion and can range from 0-3%. For all other municipalities, benefits may be adjusted annually to reflect increases in the Consumer Price Index at the Board's discretion. Benefits may not be increased by more than 3% for any one year.

#### Contribution Rates

Members of this fund and their employers are currently each contributing at the rate of 8% of base salary.

Contributions from members and employers of affiliated social security employers are annually set by the Board of Directors.

#### Stabilization Reserve Account (SRA)

Annually, at the discretion of the Board of Directors, the difference between the combined member/ employer contribution and the actuarially determined contribution rate may be allocated to the stabilization reserve account. Amounts set aside in the SRA are allocated to individual accounts for each new hire member. A member may receive the amounts in his individual account only upon election of normal, early, disability, or vested retirement. If the cost of the defined benefit plan exceeds the combined member/employer contribution rate, funds from the SRA will make up the shortfall. If the member quits with less than 10 years of service, the SRA account is forfeited.

#### Death Benefits

At the death of a member, the member's beneficiary shall receive the greater of the refund of the member's contributions or the survivor benefit under the statewide death and disability plan. If the beneficiary dies before the benefit commencement date, the beneficiary's estate will receive a refund of the member's contributions.

Changes in Plan Provisions

None.

# STATEWIDE DEATH & DISABILITY PLAN

Valuation Date	Number	Annual Payroll	Annual Average Pay	% Increase in Average Pay	
1/1/99	8,443	\$371,257	\$43,972	1.21%	
1/1/98	8,374	\$363,820	\$43,446	6.01%	
1/1/97	8,310	\$340,587	\$40,985	3.64%	
1/1/95	7,534	\$297,930	\$39,545	3.25%	
1/1/94	7,401	\$283,455	\$38,300	3.63%	

### Schedule of Active Member Valuation Data

Note: An actuarial valuation was not performed in 1996 on the Statewide Death & Disability Plan.

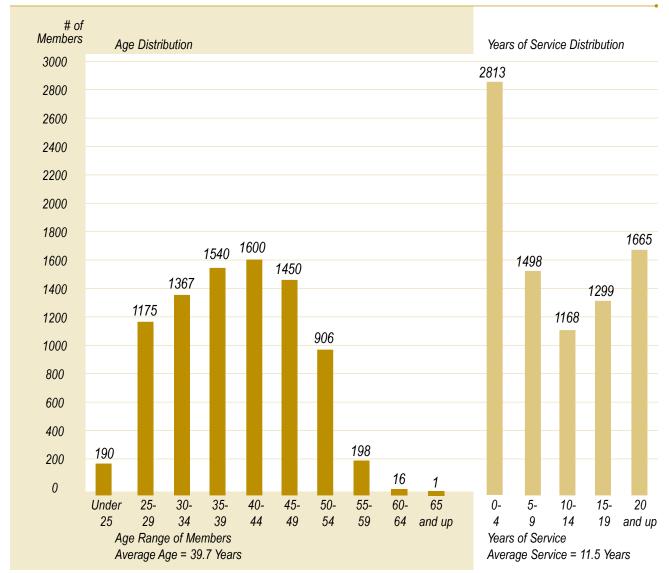
# Development of Actuarial Gain or Loss - 3% COLA for All Members

	Total Present Value of Benefits (1)	Plan Assets (2)	Unfunded Actuarial Accrued Liability (1 - 2)
January 1, 1998	\$191,620,571	\$193,630,404	(\$2,009,833)
Normal Cost	N/A	N/A	N/A
Contributions	N/A	\$714,911	(\$714,911)
Benefit Payments	(\$6,207,553)	(\$6,207,553)	\$0
Interest on:			
January 1, 1998	\$14,371,543	\$14,522,280	(\$150,737)
Normal Cost	\$0	\$0	\$0
Contributions	\$0	\$26,809	(\$26,809)
Benefit Payments	<u>(\$232,783)</u>	<u>(\$232,783)</u>	<u>\$0</u>
	\$14,138,760	\$14,316,306	(\$177,546)
Expected January 1, 1999	\$199,551,778	\$202,454,068	(\$2,902,290)
Actual January 1, 1999	<u>\$228,522,127</u>	<u>\$212,356,890</u>	\$16,165,237
Gain or Loss	(\$28,970,349)	(\$9,902,822)	(\$19,067,527)
	Loss*	Gain	Loss*

\*Includes impact of total disability benefit plan improvement effective 1/1/2000.

# Schedule of Retirees and Beneficiaries Added to and Removed from Benefit Payroll

•	Added t	to Payroll Annual	Removed	<b>from Payroll</b> Annual	Pay	r <b>oll</b> Annual	% Increase in Annual	Average Annual
Year Ended	Number	Benefit	Number	Benefit	Number	Benefit	Benefit	Benefit
1/1/99	51	\$651,000	11	\$79,000	458	\$6,207,553	7.87%	\$13,554
1/1/98	31	\$419,000	12	\$152,000	418	\$5,754,726	9.17%	\$13,767
1/1/97	58	\$542,000	24	\$364,000	399	\$5,271,191	8.77%	\$13,211
1/1/95	33	\$383,000	20	\$241,000	365	\$4,846,288	7.42%	\$13,278
1/1/94	46	\$375,000	26	\$159,000	352	\$4,511,411	12.93%	\$12,817



# Age and Years of Service Distribution

# The Statewide Death and Disability Plan Solvency Test

The FPPA funding objective for the Statewide Death and Disability Plan is to be able to pay the death and disability benefits promised to the members including the granting of an annual cost-of-living increase to all retirees and beneficiaries.

A short-term solvency test is used to check FPPA's funding progress towards its funding objective. In a short-term solvency test, the plan's present assets are compared with: (1) liability for active member contributions on deposit, (2) liability for future benefits to present retired lives, (3) liability for service already rendered by active members.

### STATEWIDE DEATH & DISABILITY PLAN

Expressing the net assets available for benefits as a percentage of the different liability measures provides one indication of the funding status on a going-concern basis. Generally the greater the percentages, the stronger the public employee retirement system.

The schedule below illustrates the progress in funding the various liability measures. As can be seen by the funded percentages, the liabilities continue to be 100% covered by current assets.

Statemut			Joiveney lest				
•		Aggregate Accrued Liabilities For					
		(1)	(2)	(3)	-		
M.L. C.	Valuation	Active Member	Retirees and	Active Members	_		
Valuation	Assets	Contributions	Beneficiaries	(Employer Financed		ded Percent	
Date	(000's)	(000's)	(000's)	Portion) (000's)*	(1)	(2)	(3)
1/1/99	\$212,357	\$0	\$81,573	\$100,293	100%	100%	100%
1/1/98	\$193,630	\$0	\$71,957	\$75,942	100%	100%	100%
1/1/97	\$175,364	\$0	\$67,734	\$73,781	100%	100%	100%
1/1/95	\$94,273	\$0	\$50,455	\$21,278	100%	100%	100%
1/1/94	\$90,422	\$0	\$49,721	\$20,148	100%	100%	100%

#### Statewide Death & Disability Plan - Solvency Test

#### An actuarial valuation was not performed in 1996.

\*As of 1/1/97 the Plan is fully funded. The liability reported is the Present Value of all projected benefits, without regard to future cost-of-living increases. Prior to this date, liabilities are reported on the entry age normal actuarial method.

#### SUMMARY OF PLAN PROVISIONS

#### Statewide Death and Disability Plan

#### Members Included

Members included are active employees who are full-time salaried employees of a participating municipality or fire protection district normally serving at least 1,600 hours in a calendar year and whose duties are directly involved with the provision of police or fire protection. Former members and beneficiaries of former members who have died or become disabled are also included.

#### Compensation Considered

Base salary for members of the plan.

#### Pre-Retirement Death Benefits

If a member dies prior to retirement, the surviving spouse shall receive a benefit (including payments made from local defined contribution plans) equal to 25% of the monthly base salary paid to the member prior to death. Benefits will be paid to dependent children according to the schedule outlined below. Benefits will be paid to the spouse until death and to dependent children until death, marriage or other termination of dependency. These benefits are offset by Money Purchase account balances and SRA accounts, converted to annuities.

	Number of Dependent Children	Additional Benefit
1. With Surviving Spouse	l 2 or more	15% of base salary 25% of base salary
		Total Benefit
2. Without Surviving Spous	e 1 2 3 or more	25% of base salary 40% of base salary 50% of base salary

#### Disability Benefits

A member who becomes disabled prior to retirement shall be eligible for disability benefits. If the member is totally disabled, he shall receive 40% of his base salary preceding disability reduced by Social Security disability benefits derived from employment as a member, if applicable. Benefits are also reduced by 25% of certain additional earned income. Disability Benefits are offset by the Money Purchase account balances and SRA accounts, converted to annuities. If a member is occupationally disabled, the above benefit will be 30% in lieu of 40%. The benefits will be increased by 10% of base salary if the member has a spouse and an additional 10% of base salary if the member has any dependent children. Disability benefits cease if the member recovers from disability. The disability benefits to the spouse and dependent children outlined above continue after death of the member. Benefits will be paid to the spouse until death or remarriage and to dependent children until death, remarriage or other termination of dependency.

Effective January 1, 2000, totally disabled members will receive 70% of base salary regardless of family status. Offsets still apply.

#### Cost-of-Living Increases for Benefits in Pay Status

Benefits to members and spouses are increased to reflect increases in the consumer price index annually if approved by the Board, but in no case may benefits be increased by more than 3% for any one year. Totally disabled members and their beneficiaries receive an automatic COLA each year based on the lesser of 3% or CPI increases.

#### Contributions

Members hired after 1996 contribute 2.3% of pay.

#### Offsets for SRA and Money Purchase

Death and disability benefits are reduced by the actuarially equivalent annuities of the SRA and Money Purchase account balances. A maximum of 16% of the annual Money Purchase contributions apply for this purpose.

Changes in Plan Provisions

None.

#### AFFILIATED LOCAL PLANS

Note: Data compilation began with the 1/1/96 actuarial valuation. Actuarial studies are completed every other year. Each employer participating in the system is financially responsible for its own liabilities. Accordingly, the aggregate numbers presented in this section are indicative only of the overall condition of the system and are not indicative of the status of any one employer.

#### Schedule of Active Member Valuation Data

Valua Da	 Number of Participating Employers	Number of Paid and Volunteer Members	Annual Payroll of Paid Members	Annual Average Pay of Paid Members	% Increase in Average Pay	
• 1/1/ 1/1/	 177 154	5,278 5,033	\$104,552,694 \$96,013,582	\$48,697 \$37,801	28.83% N/A	

#### Development of Actuarial Gain or Loss

Note: Data to calculate a gain/loss analysis on all local plans was not available as of the 1/1/98 actuarial valuations.

#### Schedule of Retirees and Beneficiaries Added to and Removed from Benefit Payroll

Year Ended	Added Number	to Payroll Annual Benefit	Removed from Payroll Annual Number Benefit		Payroll Annual Number Benefit		% Increase in Annual Benefit	Average Annual Benefit
1/1/98	604	\$8,510,136	253	\$4,018,824	3,762	\$70,089,060	6.85%	\$18,631
1/1/96	154	\$2,842,536	104	\$1,622,616	3,411	\$59,864,784	2.08%	\$17,551

# Affiliated Local Plans - Solvency Test

		Aggre	Aggregate Accrued Liabilities For				
Valuation	Valuation Assets	(1) Active Member Contributions	(2) Retirees and Beneficiaries	(3) Active Members (Employer Financed		ded Percent	<u> </u>
Date	(000's)	(000's)	(000's)	Portion) (000's)*	(1)	(2)	(3)
1/1/98 1/1/96	\$1,466,608 \$1,121,445	*	*	\$1,814,000 \$1,593,928	N/A N/A	N/A N/A	81% 70%

\*Included in Column 3

#### SUMMARY OF PLAN PROVISIONS

#### Affiliated Local Plans

#### Members Included

Members included are active police officers and paid firefighters hired prior to April 8, 1978, electing to remain covered under the provisions of their local plan, and volunteer firefighters.

#### Compensation Considered

Base salary, including longevity, sick and vacation pay.

Volunteer members are not compensated. Their benefit is generally based on the total assets in the plan.

#### Normal Retirement Date

A member's Normal Retirement Date varies with each plan. Several plans are based on the date a member has completed years of credited service, usually 20-25 years. Most plans require the member to complete 20-25 years of credited service and attain the age of 50-55.

#### Normal Retirement Benefit

The annual Normal Retirement Benefit varies with each plan. The benefit calculation ranges from 50-74% of salary. Several plans offer a lump sum actuarial equivalent benefit.

Volunteer plans offer a flat dollar benefit from \$0 - \$600 per month.

#### Deferred Vested Benefit

Some plans allow a member to leave their contributions in the fund and be eligible to receive a vested benefit based on salary times years of credited service at termination, usually with a maximum benefit of 50% of pay. The benefit is payable at normal retirement age, typically age 50 or 55. The minimum eligibility for this benefit is usually 10 or 20 years of service at termination. Most plans do not offer deferred vested benefits.

Volunteer plans offer a flat dollar benefit that ranges from 50-100% of the normal retirement benefit depending on the years of credited service at termination. The benefit is usually payable at age 50.

#### Severance Benefits

In lieu of a future pension, several plans offer their members upon termination an election to have accumulated contributions refunded in a lump sum. In addition to receiving accumulated contributions, the member may receive interest on the total accumulated contributions. Most plans do not offer severance benefits.

Volunteer plans are restricted by statute and cannot offer severance benefits.

#### Cost-of-Living Increases for Benefits in Pay Status

Several plans offer a cost-of-living increase to their retirees and beneficiaries. Some only offer an ad-hoc cost-of-living increase. Others offer an escalation benefit based on the rank at which the member retired.

Volunteer plans are restricted by statute and cannot offer a cost-of-living increase.

#### AFFILIATED LOCAL PLANS

#### Contribution Rates

The contribution rate varies for each plan. Paid member rates range from 0-10%. Volunteer members do not contribute to their plan.

#### Pre-Retirement Death and Disability Benefits

The paid members are covered by the Statewide Death and Disability Plan.

Some volunteer plans offer a 50% benefit. All volunteer plans are required to pay at least a \$100 lump sum funeral benefit.

#### Post-Retirement Death Benefits

Most plans offer a 50-66% benefit to the surviving spouse until death or remarriage.

#### Delayed Retirement Option Plan (DROP)

Several plans allow a member to participate in the DROP after reaching eligibility for normal or delayed retirement. A member can continue to work while participating in the DROP, but must terminate employment within a given time frame, generally between 3-5 years of entry into the DROP. The member's percentage of retirement benefit is frozen at the time of entry into DROP. The monthly payments go into the DROP and are accumulated until the member terminates service, at which time the DROP and accumulated benefits can be paid as a lump sum or periodic payments, if desired. The member continues contributing the employee percentage of pay which is credited to the DROP.

#### Changes in Plan Provisions

The provisions of the local plans will vary from plan to plan, as will the periodic changes made to the plans.

The Statistical Section

of the FPPA annual report

contains a variety of information

concerning FPPA's operations

including legislative history,

member demographics

and disbursement of state funds

to municipalities.

Statistical Section, page 82

The Statistical Section of the FPPA annual report contains a variety of information concerning FPPA's operations including legislative history, member demographics and disbursement of state funds to municipalities.

This information is presented in narrative, graphical and tabular forms which staff hopes will assists individuals desiring a more comprehensive understanding of the Association's functions.

While the material in this section is intended to supplement the independent auditor's report contained elsewhere, none of the information within the Statistical Section has been reviewed or certified as to its accuracy by FPPA's auditors.

History of State Involvement in Fire and Police Pension Plans

#### 1978

**Senate Bill 46** is enacted, adopting the Policemen's and Firemen's Pension Reform Act and creating the Policemen's and Firemen's Pension Reform Commission. It also freezes old hire plan provisions.

#### 1979

**Senate Bill 79** results from the activities of the Policemen's and Firemen's Pension Reform Commission created the previous year. S.B. 79 establishes the Fire and Police Pension Association, and creates a new statewide pension plan and the new Statewide Death and Disability Plan.

#### 1983

**Senate Bill 64** gives the FPPA Board of Directors authority to lower the statewide plan retirement age to 55 if actuarially supportable, and makes other miscellaneous changes to Part 10.

#### 1987

**Senate Bill 18** establishes a Stabilization Reserve Account, gives FPPA the ability to negotiate group retiree health insurance, and makes other miscellaneous changes to Part 10.

#### 1989

**House Bill 1196** grants FPPA the authority to administer 457 Deferred Compensation Plans; and House Bill 1033 grants FPPA the authority to administer and manage money purchase plan funds.

#### 1991

**House Bill 1015** grants FPPA the authority to modify statewide pension plan benefits and service requirements for normal retirement without prior approval from the legislature. Any modifications must be approved by 65 percent of the active members in the plan and more than 50 percent of the employers having active members covered by the plan.

#### 1993

**Senate Bill 142** amends several aspects of the Statewide Death and Disability Plan including clarifying responsibilities of employers to employees found not disabled by the FPPA Board, and lengthens the reexamination and redetermination of disability period from three to five years.

**House Bill 1243** authorizes FPPA to establish a Statewide Money Purchase Plan as an alternative to the Statewide Defined Benefit Plan for departments meeting certain criteria.

#### 1995

**House Bill 1012** increases the time from three years to five years within which FPPA may investigate a member retired for disability from the Statewide Death and Disability Plan.

**Senate Bill 12** grants the FPPA Board the authority to adopt procedural rules in regard to local employers having money purchase plans for their police officers or firefighters and who wish to terminate those plans and cover their members under the Statewide Money Purchase Plan administered by FPPA. Any such election is voluntary and requires the approval of the employer and at least 65% of the members of the local money purchase plan.

**Senate Bill 228** accelerates the payments by state and local governments to those "old hire" plans currently receiving state assistance for unfunded accrued liabilities. The bill increases the state's contribution to these plans and establishes a level dollar employer contribution projected to pay off the unfunded liabilities by the year 2009.

#### 1996

**House Bill 1016** establishes a separate statutory condition under the Statewide Death and Disability Plan for those members whose disabilities are the result of an on-duty injury or occupational disease.

**House Bill 1370** addresses the future funding of benefits provided under the Statewide Death and Disability Plan. It provides that the state will fund the benefits of members hired prior to January 1, 1997, through the payment of a one time lump sum amount of \$39,000,000. For those members hired on or after January 1, 1997, the bill requires funding by the members and/or their employers. On the benefit side, the bill provides a guaranteed cost of living adjustment for those members who are found to be totally disabled. The bill permits an employer, within a limited time window, to withdraw from the Statewide Death and Disability Plan and establish its own disability and survivor benefit plan.

#### 1997

**House Bill 1213** authorizes FPPA to offer a supplemental disability benefit program to members of the Statewide Death and Disability Plan.

**House Bill 1006** applies the provisions of the Uniform Prudent Investor Act to FPPA with respect to the investment of assets in the Fire and Police Members' Benefit Fund.

**House Bill 1022** extends an employer's authority to use excess funds in its old hire fire or police pension plan for other pension and public safety purposes. The bill now permits an employer to utilize excess funds if there are no active members of the plan and the employer takes certain steps to guarantee payment to persons still receiving benefits from the fund.

House Bill 1111 authorizes local boards to increase pension benefits for volunteer firefighters who are already retired.

**Senate Bill 81** amendes the statute providing for the division of public employees' retirement benefits upon divorce to clarify which legal actions are subject to the statute.

#### 1998

**House Bill 1024** authorizes survivors of police and fire members of the Statewide Death and Disability Plan to seek relief from state and federal income taxes when the plan member's death was in the line of duty or the result of an occupational disease.

**Senate Bill 5** mandates that each deferred compensation plan's assets be held for the exclusive benefit of the plan participants. This protection was enacted on the federal level as a part of the Small Business Job Protection Act of 1996.

**House Bill 1024** authorizes survivors of police and fire members of the Statewide Death and Disability Plan to seek relief from state and federal income taxes when the plan member's death was in the line of duty or the result of an occupational disease. Also, survivors of members who died prior to the effective date of the bill were granted a two-year period to apply to the Board for a "death-in-the-line-of-duty" determination.

#### 1999

**Senate Bill 5** mandates that each deferred compensation plan's assets be held for the exclusive benefit of the plan participants. This protection was enacted on the federal level as a part of the Small Business Job Protection Act of 1996. Senate Bill 5 also establishes minimum requirements for ensuring that appropriate investment options are made available to deferred compensation plan participants. Specifically, the FPPA Board is required to select at least three investment alternatives, to allow the member to change investments at least once each calendar year, and to provide the member with useful information concerning the investment alternatives. These minimum requirements are consistent with those adopted by the General Assembly in 1997 for the statewide money purchase plan.

**House Bill 1022** updates provisions needed to maintain police and fire pension plans as "qualified plans" under the Internal Revenue Code. These amendments were required by federal tax law in order for employers and employees to continue to benefit from the favorable tax treatment available under these pension plans. Specifically, technical statutory changes were made for old hire pension plans, the volunteer pension plans, and the statewide defined benefit plan.

**Senate Bill 114** authorizes parties in domestic relations actions to use additional methods for dividing public employee retirement benefits on divorce, legal separation, or declaration of invalidity of marriage. Most significantly, the parties can now use the "time-rule formula" for dividing benefits, a method which is recognized in Colorado case law but which was not available to the parties under prior statutory law for dividing pensions. The "time-rule" formula is a method for estimating the community interest in retirement benefits when the defined benefit plan member is uncertain as to the ultimate date of distribution of the benefits.

#### State Funding

# 1999 Distribution of State Funds

Death and Disability Fund	\$ 0	-
Volunteer Fire Pension Plans*	3,361,937	
Old Hire Plans for Unfunded Liabilities*	25,321,079	
Total Monies Distributed	\$ 28,683,016	

\*FPPA serves as a flow-through entity for state funding to non-affiliated departments. State funding to FPPA affiliates was \$27 million. State funding to non-affiliates was \$1.7 million.

#### Total 1997 1998 1999 1995 1996 (1980-99) \$ 344,179 \$ 0 \$ 0 \$ 0 Aurora Fire \$ 0 \$ 2,502,878 Aurora Police 1,466,465 1,014,624 1,014,624 1,032,476 1,032,476 9,175,314 Colo Spgs Fire 1,449,296 437,820 437,820 0 0 9,947,115 Colo Spgs Police 1,548,085 635,127 635,127 646,302 646,302 11,496,947 Denver Fire 17,429,905 9,013,527 9,013,527 9,172,120 9,172,120 124,839,057 23,295,232 Denver Police 11,403,843 11,403,843 11,604,493 11,604,493 166,617,867 Grand Jct Fire 309,112 555,080 309,112 314,551 314,551 4,252,048 Grand Jct Police 494,793 261,284 261,284 265,881 265,881 3,623,730 **Greeley Fire** 858.347 595,560 595.560 606.039 606.039 5,836,283 **Greeley Police** 4,785 0 0 0 0 192,075 Pueblo Fire 1,706,086 875,110 875,110 890,508 890,508 13,589,873 Pueblo Police 128,984 0 0 0 1,699,753 0 10,525 10,525 10,710 Rocky Ford Fire 10,525 10,710 131,044 **Rocky Ford Police** 407 0 0 0 0 14,005 Lakewood FPD 1,081,192 614,795 614,795 625,612 625,612 7,555,465 Lamar Fire 0 0 0 0 0 23,293 Leadville Fire4,620 0 0 0 0 44,719 N. Washington FPD 239,709 141,933 141,933 144,430 144,430 1,551,647 All Other 203,389 7,819 7,819 7,957 7,957 4,378,989 Total \$50,821,079 \$25,321,079 \$25,321,079 \$25,321,079 \$25,321,079 \$<mark>367,472,102</mark>

#### State Funds Allocated to Cities to Reduce Unfunded Liabilities

State Funding

State Funds Distributed to Volunteer Fire Departments (By Year) \$ Millions 3.5 Number of Total Departments Receiving Funds Amount Distributed 3.0 1989 185 2,266,161 2.5 1990 189 2,045,671 183 2,185,908 1991 2.0 1992 193 2,342,084 1993 191 2,484,638 1.5 1994 189 2,219,058 204 2,454,399 1995 1996 199 2,599,572 1.0 1997 211 3,026,834 3,148,492 1998 206 .5 3,361,937 1999 207 0

1988

1990

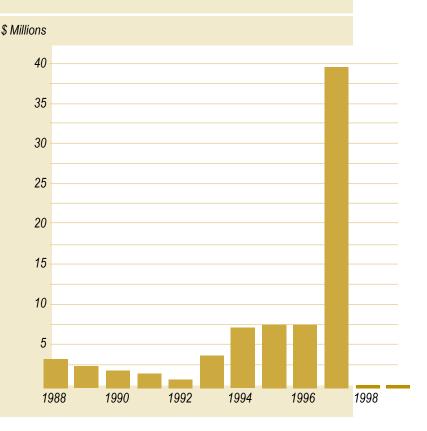
1992

1994

1996

# State Funds Distributed to the Death & Disability Fund (By Year)

	Total Amount Distributed	Ş
1989	2,400,000	
1990	1,800,000	
1991	1,200,000	
1992	600,000	
1993	3,717,048	
1994	7,467,052	
1995	7,500,000	
1996	7,500,000	
1997	39,000,000	
1998	-0-	
1999	-0-	



L

1998

T

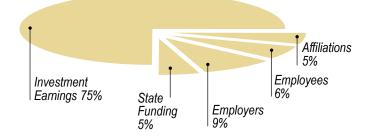
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#### Revenues

Revenues by Source - An Flans									
	1994	1995	1996	1997	1998	1999			
Investment Earnings	\$ 13,109,864	\$ 252,493,483	\$ 194,545,550	\$ 235,801,497	\$ 250,900,298	\$396,262,695			
State Funding	27,034,450	59,111,585	35,420,651	65,595,405	26,989,691	\$ 27,114,921			
Employers	43,866,395	41,825,381	47,728,402	49,516,051	58,500,005	\$ 49,636,327			
Employees	14,271,587	14,793,874	15,962,145	16,552,238	12,991,623	\$ 32,428,830			
Affiliations	3,034,267	699,945	2,616,094	6,141,898	9,324,380	\$ 25,807,791			
Total	\$ 101,316,563	\$ 368,924,268	\$ 296,272,842	\$ 373,607,089	\$ 358,705,997	\$531,250,564			

### Revenues by Source - All Plans

Revenues by Source All Plans



# Revenue Allocation - All Plans

	1994	1995	1996	1997	1998	1999
Additions to Fund Balance	\$ 42,326,899	\$306,033,003	\$ 225,768,240	\$289,565,825	\$263,184,561	\$412,447,619
Benefit Payment	ts 56,221,099	60,016,993	65,375,899	73,393,878	82,533,683	\$101,496,836
Administrative Expense	2,149,496	2,143,936	2,532,264	2,494,785	3,024,568	\$ 3,254,498
Refunds & Withdrawals	619,069	730,336	2,596,439	8,152,601	9,963,185	\$ 14,051,611
Total	\$ 101,316,563	\$ 368,924,268	\$ 296,272,842	\$ 373,607,089	\$ 358,705,997	\$531,250,564

# Revenues Allocation All Plans



#### Employers

Employers of Statewide Defined Benefit Pension Plan Members Aguilar Police Alma Police Animas FPD Antonito Police Arvada Fire Aspen FPD\* Ault Police Basalt Police Basalt & Rural FPD **Bayfield Police** Bennett FPD #7 Berthoud FPD Black Forest FPD Blackhawk FPD Blanca Police Boulder Rural FPD Bowmar Police Brighton Fire **Brush Police** Castle Rock Fire Center Police Central City Fire Cherryvale FPD Cimarron Hills FPD Clifton FPD Collbran Marshalls\* **Columbine Valley Police** Copper Mountain Fire Cripple Creek Fire Cunningham FPD Denver Police and Fire **Dinosaur** Police **Dolores Police\*** Donald Wescott FPD Eads Police East Grand FPD #4\* **Elizabeth Police** Elk Creek FPD Empire Police\* Englewood Fire Erie Police Evans Fire Fairmount FPD Fairplay Marshalls Falcon FPD\* **Firestone Marshalls** 

Fort Lupton FPD Fowler Police Franktown FPD Frederick Area FPD Frisco Police Genesee FPD Georgetown Police Gilcrest Police Granada Police Grand Valley FPD\* Greater Eagle Fire Green Mountain Falls/ Chipita Park Fire Gypsum FPD Hartsel Fire Hermosa Cliff FPD Holly Police Hugo Police Idaho Springs Police Ignacio Police Jefferson-Como FPD La Jara Police La Salle FPD\* La Salle Police La Veta Police Lake Dillon FA Lake George FPD\* Lakeside Police Larkspur FPD Larkspur Police\* Las Animas Police Leadville Police and Fire Lefthand FPD\* Lochbuie Police Log Lane Village Police Los Pinos FPD\* Louisville Fire\* Louviers FPD Lower Valley FPD Manassa Police Manitou Springs Police and Fire Minturn Fire\* Montrose FPD Mountain View FPD Mountain View Police Northeast Teller County FPD North Metro Fire Rescue / Thorton North Washington FPD Northwest FPD

**Olathe Police** Otis Police\* Pagosa FPD Pagosa Springs Police Palisade Police and Fire Palmer Lake Police Paonia Police Parachute Police Parker Police Pierce Police\* Platte Canyon FPD Platteville Police Platteville FPD\* Pueblo Police and Fire Pueblo Rural FPD Pueblo West FPD Red, White & Blue FPD Rifle FPD Saquache Police\* Salida Police and Fire Sanford Police Silt Police Silverton Police\* Skyline FPD South Adams County FPD South Fork Police Steamboat Springs Fire Sterling Police and Fire Stratmoor Hills FPD Stratton Police Telluride FPD Tri Lakes FPD Union Colony FPD Upper Pine River FPD West Routt FPD Wiggins Police Windsor-Severance FPD Woodland Park Fire\* Woodmoor-Monument FPD Wray Police Yuma Police Employers of Statewide Money Purchase Plan

#### Members

Alma Police\* Blackhawk Fire Blue River Police Brighton Fire Boulder Mountain Castle Rock Fire Central City Police Cherryvale FPD Cripple Creek Fire Elizabeth FPD Elk Creek FPD **Empire Police** Evans Police and Fire Falcon FPD Fowler Police\* Frederick Area FPD Georgetown Police\* Grand Valley Fire Ignacio Police\* Lake George FPD Louviers FPD Montrose Fire Mountain View Fire Mountain Village Police Palisade Police Parker Police Salida Fire Snake River Fire South Fork Police Stratton Police\* South Park County Fire\* Sterling Fire Wiggins Police\*

#### Employers of Affiliated Old Hire Pension Plan Members

Aurora Police and Fire Bancroft FPD Bowmar Police Canon City Area FPD Cedaredge Police Cherry Hills FPD Colorado Springs Police and Fire Cortez Police **Del Norte Police** Denver Police and Fire Englewood Police and Fire Erie Police\* **Firestone Marshalls** Fort Morgan Police Granby Police

88 \*curi

\*currently inactive, with no employees

Oak Creek Police

#### Employers

Grand Junction Police and Fire **Greeley Police** Haxtun Police Holyoke Police La Junta Police and Fire LaSalle Police Lakewood FPD Lamar Police and Fire Las Animas Police Leadville Fire Manitou Springs Fire Montrose FPD Mountain View FPD North Washington FPD Paonia Police Pueblo Police and Fire Pueblo Rural FPD Rocky Ford Police and Fire Salida Police and Fire South Adams County FPD Springfield Police Sterling Police and Fire Thornton Fire Trinidad Police and Fire Union Colony Fire Rescue Walsenburg Police Woodmoor-Monument FPD Employers Affiliated for Supplemental Pension and/or Death and Disability Coverage Cedaredge Police **Debegue** Police Estes Park Police Haxtun Police Holyoke Police Johnstown Police **Kremmling Police** Springfield Police Monument Police

Employers Affiliated for Money Purchase Plan Administration

Canon City Police Dacono Police North Metro FRD Trinidad Fire

Employers of Affiliated Exempt New Hires

Colorado Springs Police and Fire

Affiliated Volunteer Fire Departments (as of 12/31/99)

Alamosa VFD Aspen FPD Ault FPD Basalt & Rural FPD Bennett VFD Berthoud FPD Blackhawk FPD Boulder Heights FPD Boulder Rural FPD Boone VFD Brighton FPD Brush VFD Buena Vista FPD Burning Mountains FPD Calhan FPD Canon City Area FPD Carbondale and Rural FPD Cascade FPD Castle Rock VFD Central City FD Central Orchard Mesa FPD Cherryvale FPD Cheyenne County FPD #1 Clear Creek County ESD Clifton FPD Coal Creek Canyon FD Colorado Sierra FPD Cripple Creek FPD Crowley FD Crystal Lake FD Dove Creek FPD Eads VFD Eldorado VFD Elizabeth FPD Englewood VFD Evans VFD Evergreen FPD Falcon FPD Federal Heights VFD

Florence FPD Foothills FPD Fort Morgan FPD Fort Morgan Rural FPD Franktown FPD Frederick Area FPD Genesee FPD Georgetown Vol. FD Glendale VFD Glenwood Springs VFD Golden VFD Golden Gate FPD Grand FPD #1 Grand Lake FPD Grand Valley FPD Green Mountain Falls/ Chipita Park FPD Gypsum FPD Hartsel FPD Haxtun VFD Hermosa Cliff FPD High Country FPD Holyoke - City VFD Holyoke FPD Hot Sulphur Springs/Parshall FPD Idaho Springs VFD Indian Hills FPD Inter-Canyon FPD Jackson 105 FPD Jefferson-Como FPD Kiowa FPD Kremmling FPD La Junta Rural FPD La Salle FPD Lafavette VFD Lake Dillon FPD Lake George FPD Lamar VFD Larkspur FPD Left Hand FPD Lewis-Arriola FPD Limon VFD Log Hill Mesa FPD Louviers FPD Lower Valley FPD Manitou Springs VFD Manzanola Rural FPD Milliken FPD Montrose FPD Mountain View FPD

Nederland FPD Northeast Teller County FPD North Fork FPD North Routt FPD North Washington FPD Northwest FPD Northwest Conejos FPD Nunn VFD Oak Creek FPD Olathe FPD **Olney Springs VFD** Ouray VFD Pagosa FPD Palisade VFD Palmer Lake VFD Parker FPD Pinebrook Hills FPD Platte Canyon FPD Platte Valley FPD Pleasant View FPD Pleasant View Metro FPD Poudre Valley FPD Rattlesnake FPD Red Feather Lakes FPD Rifle FPD Rio Blanco FPD Rocky Ford VFD Sable-Altura FPD Snake River FPD Simla VFD South Adams County FPD South Arkansas FPD South Conejos FPD Springfield FPD Steamboat Springs VFD Sterling VFD Stratton FPD Sugar City FD Sugarloaf FPD Telluride FPD Wellington FPD West Chevenne FPD West Douglas County FPD West Metro FPD West Routt FPD Wiley Rural FPD Yampa FPD

\*currently inactive, with no employees

### Member Data

FPPA Active Members by Plan Type (1995-1999)						
TOTAL MEMBERS	10,708	10,848	11,622	12,390	12,789	12000 10000 8000 6000 4000 2000 0
in the following plans						
Local Money Purchase	44	44	90	99	101	
Statewide Money Purchase	11	18	60	61	75	
D&D Only	3,572	3,573	3,865	4,066	4,193	
Volunteers	2,557	2,834	3,093	3,540	3,600	
Statewide Defined Benefit Plan	2,170	2,103	2,359	2,531	2,769	
Exempt New Hires	673	690	729	765	810	
Local Old Hire Plans	1,681	1,586	1,426	1,075	844	
Local Old Hire Plans with DROP	0	0	0	253	397	
for the year	1995	1996	1997	1998	1999	

# FPPA Retired Members by Plan Type (1995-1999)

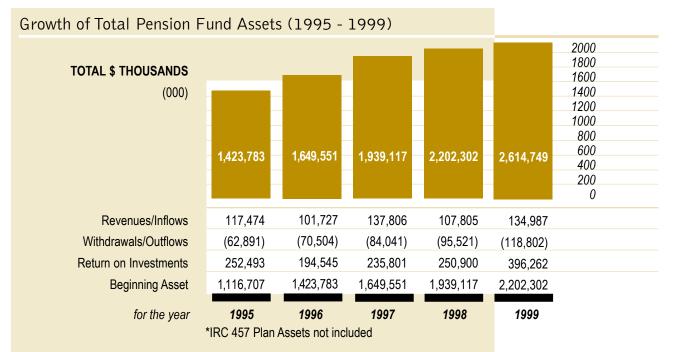
TOTAL MEMBERS	3,714	3,907	4,295	4,709	5,246	5000 4500 3500 3000 2500 2000 1500 1000 500 0
in the following plans						
D&D Retirees	372	401	429	455	495	
Volunteers	863	964	1,135	1,399	1,561	
Statewide Defined Benefit Plan	45	44	63	90	104	
Local Old Hire Plans	2,434	2,498	2,664	2,760	3,082	
Money Purchase Plans	0	0	4	5	4	I
for the year	1995	1996	1997	1998	1999	

#### Member Data

tatewide Defined Benef	it Plan Mer	nbership k	by Status			
Terminated Vested	26	32	44	67	76	
Retired & Beneficiaries	10	12	19	23	28	
Non-vested Actives	1,217	1,382	1,407	1,614	1,771	
Partially Vested Actives	650	721	795	896	995	
Fully Vested Actives	0	0	0	1	2	
,					_	
for the year	1995	1996	1997	1998	1999	
and Disability Dis	. В Лана Гариа		1			
eath and Disability Pla	n wembers	nip by Sta	itus		_	
Disabled Retirees	289	282	302	331	372	
Beneficiaries	83	119	127	124	123	
Non-vested Actives	7,534	8,310	8,529	8,850	8,739	
for the year	1995	1996	1997	1998	1999	
	1995	1996	1997	1998	1999	
	1995	1996	1997	1998	1999	
	1995	1996	1997	1998	1999	
for the year					1999	
for the year					1999	
for the year					1999	18000
for the year PPA Active and Retired					1999	16000
for the year	d Members	by Occupa	ation (199	5 - 1999)		
for the year PPA Active and Retired					1999	16000 14000 12000 10000
for the year PPA Active and Retired	d Members	by Occupa	ation (199	5 - 1999)		16000 14000 12000 10000 8000
for the year PPA Active and Retired	d Members	by Occupa	ation (199	5 - 1999)		16000 14000 12000 10000 8000 6000
for the year PPA Active and Retired	d Members	by Occupa	ation (199	5 - 1999)		16000 14000 12000 10000 8000 6000 4000 2000
for the year PPA Active and Retired	d Members	by Occupa	ation (199	5 - 1999)		16000 14000 12000 10000 8000 6000 4000
for the year PPA Active and Retired <b>TOTAL MEMBERS</b>	d Members	by Occupa	ation (199	5 - 1999)		16000 14000 12000 10000 8000 6000 4000 2000
for the year PPA Active and Retired <b>TOTAL MEMBERS</b> by the following occupations	d Members	by Occupa 14,755	ation (199 15,917	5 - 1999) 17,099	18,035	16000 14000 12000 10000 8000 6000 4000 2000
for the year PPA Active and Retired <b>TOTAL MEMBERS</b> by the following occupations Retired Firefighters	d Members 14,422 2,226	by Occupa 14,755 2,349	ation (199 15,917 2,618	5 - 1999) 17,099 2,921	18,035	16000 14000 12000 10000 8000 6000 4000 2000
for the year PPA Active and Retired <b>TOTAL MEMBERS</b> by the following occupations Retired Firefighters Active Firefighters	d Members 14,422 2,226 5,875	by Occupa 14,755 2,349 5,864	ation (199 15,917 2,618 6,583	5 - 1999) 17,099 2,921 7,228	18,035 3,231 7,479	16000 14000 12000 10000 8000 6000 4000 2000

for the year

#### Member Data



# Schedule of Retired Members by Type of Benefit as of December 31, 1999

BENEFIT AMOUNT	\$0-\$500	\$501-\$1000	\$1001-\$1500	<mark>\$1501-\$20</mark> 00	\$2001-\$2500	\$2500 and up
Statewide Death & Disability Plan						
Occupational Disability	18	66	165	69	8	1
Occupational Disability - Survivor	2	11	1	0	0	0
Total Disability	2	9	14	17	2	1
Total Disability - Survivor	7	12	3	2	0	0
Survivor of Active	7	46	22	10	0	0
Money Purchase Normal	1	1	0	0	0	2
Statewide Defined Benefit Plan						
Normal	0	4	5	1	1	0
Vested	36	18	6	3	17	11
Retiree - Survivor	0	2	0	0	0	0
Local Plan						
Disability	10	19	11	31	392	292
Disability - Survivor	11	7	119	172	13	0
Normal Retiree	1061	40	50	210	494	463
Normal - Survivor	226	41	64	94	1	0
Early Retiree	2	1	4	12	29	18
Vested Retiree	268	3	9	25	37	3
DROP Retiree	0	0	0	0	49	362
Totals	1,651	280	473	646	1,043	1,153

### Other Programs

FPPA representatives visit

firefighters and police officers from

every department in the State of Colorado

once every two years.

The purpose of these visits

is to cover the information

concerning retirement benefits,

disability benefits and survivor benefits,

as well as any pending legislation

or other related information

which could affect benefits.

Other Programs, page 94.

#### Visitations

FPPA representatives visit firefighters and police officers from every department in the State of Colorado once every two years. The purpose of these visits is to cover information concerning retirement benefits, disability benefits and survivor benefits, as well as any pending legislation or other related information which could affect benefits.

Following the presentation, FPPA staff calculates projected retirement benefits for individual members using a computerized program which uses income information provided by the member. A hard copy printout of the projected retirement benefit and other information is then provided to the member at no charge.

#### Educational Seminars

FPPA offers various educational seminars to its members and their spouses. The goal of these seminars is to assist in the members' overall preparation for retirement, both financially and psy-chologically. FPPA continues to offer Preretirement Planning Seminars. These seminars' topics include financial planning, taking advantage of favorable tax programs, evaluating and monitoring investment alternatives, determining retirement income needs, planning for retirement years, and distribution options.

In addition, FPPA offers investment and tax planning workshops. FPPA also holds in-depth estate planning workshops to discuss why members should develop estate plans and how to identify strategies to reduce estate taxes.

#### Employer Services

FPPA offers a number of services to assist municipalities and fire protection districts in administering pension plans for those police officers and firefighters not covered by the Statewide Defined Benefit and Statewide Money Purchase Pension Plans.

Employers who elect to affiliate their local money purchase plans or volunteer fire pension funds with FPPA for investment and management purposes can expect competitive rates of return on the invested funds for substantially lower administration costs than are usually available from private pension fund managers. Annual audits of the funds and periodic actuarial studies are also provided.

FPPA also administers the state volunteer matching funds program for all volunteer departments statewide, regardless of affiliation, and serves as an information resource to assist departments with questions relating to their pension plans.

#### **Internet Access**

In 2000, FPPA will launch a web site containing member and employer information. Links to information will include, events, benefits, forms, newsletters and investments. Located at **www.fppaco.org**, the site will also include an opportunity to e-mail FPPA staff directly.

#### 457 Deferred Compensation Plan

The FPPA Deferred Compensation Plan is governed by the provisions of Internal Revenue Code Section 457, and is therefore often called a "457 plan." Contributions to the plan consist of employee salary reduction deferrals which are not subject to federal and state income tax withholding.

The FPPA 457 Deferred Compensation Plan offers a convenient way for members to set aside money for future needs - and get a tax break today.

457 Deferred Compensation Plan Advantages to FPPA Members:

Lower current income taxes - money is invested before federal taxes are calculated and withheld

Choose from a variety of investment options

Enjoy tax-deferred growth on account earnings

Invest through convenient payroll deductions

Investment options that range from conservative to aggressive.

Other Programs

General Information

# Employers Participating in FPPA's 457 Deferred Compensation Plan

Alamosa Police Arvada Police
Arvada FPD
Aurora Police & Fire
Basalt & Rural FPD
Berthoud FPD
Boulder Rural FPD
Brush Police
Canon City Area FPD
Cherryvale FPD
Cimarron Hills FPD
Colorado Springs Police & Fire
Cripple Creek Police & Fire
Cunningham FPD
Elizabeth FPD
Federal Heights Police & Fire
Fire & Police Pension Association
Fort Collins Police

Glendale Police & Fire **Greeley Police** Green Mountain Falls/Chipita Park FPD Hermosa Cliff FPD Hugo Police Ignacio Police Lake Dillon FPD Loveland Police & Fire Manitou Springs Police & Fire Montrose FPD Mountain View FPD Mountain Village Police North Metro F.R.A. North Washington FPD Northeast Teller County FPD Palisade Police & Fire Parker FPD Platte Canyon FPD

**Platteville Police** Poudre Fire Authority Pueblo Police & Fire Pueblo Rural FPD Red, White, & Blue FPD Salida Police & Fire Snake River FPD South Adams County FPD Sterling Police & Fire Stratmoor Hills FPD Telluride FPD Trinidad Fire Union Colony Fire Vail Police & Fire Woodmoore-Monument FPD Wray Police Yuma Police

# 457 Deferred Compensation Plan & Money Purchase Plan

# 1999 Rates of Return and Selected Multi-year Average Returns

Fund	1 Year	3 Year	5 Year	10 Year	457 Plan 1999 Year End Balances	MP Plan 1999 Year End Balances
FPPA Total Fund	18.00%	15.18%	16.29%	11.67%		\$29,623,141
Putnam George Putnam Fund Growth & Income Fund Vista Fund Voyager Fund Global Growth Fund Stable Value Fund (GIC)	0.31% 1.46% 53.66% 56.49% 64.84% 5.56%	10.52% 13.41% 31.49% 34.96% 34.24% 5.75%	15.45% 19.50% 31.29% 31.32% 26.60% 5.77%	11.56% 14.28% 20.82% 22.27% 16.52% 5.76%	\$1,398,097 \$1,438,028 \$3,834,746 \$7,208,893 \$1,069,179 \$871,195	\$681,446 \$1,116,934 \$2,673,232 \$4,475,543 \$473,319 \$53,721
State Street Global Advisors Daily Bond Fund S&P 500 Index Daily EAFE Index Fund	-0.89% 20.73% 26.70%	5.70% 27.41% 15.61%	7.70% 28.41% 12.70%	7.67% 18.06% 6.88%	\$519,533 \$2,786,620 \$69,783	\$347,101 \$2,046,320 \$94,357

#### Insurance

#### Health Insurance

FPPA offers a variety of individual and group health insurance programs for retirees and their families.

Retirees under age 65 may apply for individual coverage. A particular health insurance plan is selected based on several criteria: Doctor and hospital networks, cost and affordability, and plan design.

FPPA also offers group Medicare plans for retirees over age 65. The PacifiCare Medicare + Choice Plan - Secure Horizons Group Retiree Plan is an enhancement to Medicare. The plan is totally responsible to cover the retirees health care costs. In addition the plan also provides retirees additional programs to promote healthy living. Currently, Secure Horizons provides coverage in 15 Colorado counties.

For more information, please contact Palladium Partners at (303) 430-8300. Palladium Partners is FPPA's insurance service agency for retirees and active members.

#### Dental Insurance

DentalGuard, the voluntary dental insurance program that was started in 1992, now covers over 300 pensioners. The program is available to any retired police officer, firefighter or surviving spouse and dependents who are currently receiving a monthly pension payment from FPPA. The premiums are deducted from the pension payment each month at a rate of \$10.24 for single coverage, \$18.53 for a member plus one (spouse or dependent), and \$32.66 for family coverage. The open enrollment period for joining the plan is during March of each year. The coverage is effective May 1st. DentalGuard is an HMO plan that is underwritten by Blue Cross and Blue Shield. For more information, please contact the Retiree Payroll Department of FPPA.

#### Vision Insurance

FPPA's vision care program is offered through Vision Service Plan and entitles plan members to one comprehensive eye examination every 12 months (subject to a \$10 deductible).

The premiums are deducted from the pension payment each month at a rate of \$11.61 for single coverage, \$20.59 for a member plus one (spouse or dependent), and \$33.15 for family coverage.

New lenses are covered once during a 12-month period (if need is indicated by the exam) and new frames are provided every 24 months. Lenses and frame are subject to an additional \$10 deduct-ible.

Contact lenses are fully covered if required as the result of certain medical conditions and surgical procedures. A \$110 allowance is paid for 'elective' purchase of contact lenses. For additional information, contact the Retiree Payroll Department of FPPA.