Police and Fire Consolidation Fund ACTUARIAL VALUATION REPORT

July 1, 1996



Internationally WOODROW MILLIMAN

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November 25, 1996

Legislative Commission on Pensions and Retirement 55 State Office Building St. Paul, Minnesota 55155

RE: Police and Fire Consolidation Fund

Commission Members:

Pursuant to your request, we have performed an actuarial valuation of the Fund as of July 1, 1996.

The results of our calculations are set forth in the following report, as are the actuarial assumptions upon which our calculations have been made. We have relied on the basic employee data and asset figures as submitted by the Public Employees Retirement Association.

On the basis of the foregoing, we hereby certify that, to the best of our knowledge and belief, this report is complete and accurate and has been prepared in accordance with the requirements of Section 356.215, Minnesota Statutes, and the requirements of the Standards for Actuarial Work as restated and adopted by the Commission on July 8, 1992.

Respectfully submitted,

MILLIMAN & ROBERTSON, INC.

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Winona Fire	368
Winona Police	377

Report Highlights

(actual dollars)

		07/01/95 Valuation	07/01/96 Valuation
A.	CONTRIBUTIONS (Table 11)		
	1. Employee Contribution	7.60%	7.60%
	2. Required Municipal Contribution	11.40%	11.40%
	3. Additional Municipal Contribution	\$5,723,361	\$1,977,242
В.	FUNDING RATIOS 1. Accrued Benefit Funding Ratio a. Current Assets (Table 1) b. Current Benefit Obligations (Table 8) c. Funding Ratio: (a/b)	\$675,331,674 \$722,774,267 93.44%	\$753,862,242 \$769,131,309 98.01%
	 2 Accrued Liability Funding Ratio a. Current Assets (Table 1) b. Actuarial Accrued Liability (Table 9) c. Funding Ratio: (a/b) 	\$675,331,674 \$744,513,553 90.71%	\$753,862,242 \$791,353,415 95.26%
	 3. Projected Benefit Funding Ratio (Table 8) a. Current and Expected Future Assets b. Current and Expected Future Benefit Obligations c. Funding Ratio: (a/b) 	\$840,642,658 \$840,642,658 100.00%	\$881,743,589 \$881,743,589 100.00%
C.	PLAN PARTICIPANTS 1. Active Members a. Number (Table 3) b. Projected Annual Earnings c. Average Annual Earnings (Actual \$) d. Average Age e. Average Service	1,061 \$53,279,058 \$50,216 48.1 22.0	1,003 \$52,194,624 \$52,039 48.6 22.6
	 2. Others a. Service Retirements (Table 4) b. Disability Retirements (Table 5) c. Survivors (Table 6) d. Deferred Retirements (Table 7) e. Terminated Other Non-vested (Table 7) f. Total 	1,349 53 580 32 0 2,014	1,386 66 604 35 0 2,091
D.	NUMBER OF CONSOLIDATION ACCOUNTS	35	37

Commentary

Purpose

The purpose of this valuation is to determine the financial status of the Plan. In order to achieve this purpose, an actuarial valuation is made at the beginning of each fiscal year as required by Section 356.215 of Minnesota Statutes.

Report Highlights

The financial status of the Plan can be measured by three different funding ratios:

- ^o The Accrued Benefit Funding Ratio is a measure of current funding status and, when viewed over a period of years, presents a view of the funding progress. It is based upon benefits which have been earned by service to the valuation date. This year's ratio is 98.01%. The corresponding ratio for the prior year was 93.44%.
- ^o The Accrued Liability Funding Ratio is also a measure of funding status and funding progress. It is based on the actuarial cost method that has historically been used by the State. For 1996 the ratio is 95.26%, which is an increase from the 1995 value of 90.71%.
- ^o The Projected Benefit Funding Ratio is a measure of the adequacy or deficiency in the contribution level. This year's ratio of 100.00% verifies that the current statutory contributions are sufficient.

Asset Information (Tables 1 and 2)

Minnesota Statutes require that the asset value used for actuarial purposes recognize only a third of the unrealized gains and losses. This requirement exists because market values (which include all unrealized gain and losses) are typically volatile and can produce erratic changes in the contribution requirements from year to year.

The calculation of the Actuarial Value of Assets is shown in Table 1 on lines F1 to F6. It combines the cost value of the Assets Available for Benefits and one-third of the difference between the market value and cost value of those assets.

The term "Actuarial Value of Assets" is used to indicate that the value was determined for use in this actuarial valuation. Since Minnesota Statutes refer to this value as "Current Assets", the latter phrase will be used in the remainder of this report.

Page 2

This Plan participates in the Minnesota Post Retirement Investment Fund (i.e. MPRIF). After the MPRIF liability has been calculated for each participating Plan, the State Board of Investments, (i.e. SBI), will determine each Plan's portion of the excess earnings for the January benefit increase as well as the Plan's allocated market share of MPRIF.

Actuarial Balance Sheet (Table 8)

An actuarial balance sheet provides a method for evaluating current and future levels of funding.

The Current Benefit Obligation used to measure current funding levels is calculated in accordance with Statement No. 5 of the Governmental Accounting Standards Board (GASB). Those requirements are:

- For Active Members salary and service are projected to retirement to determine benefits for each member and the ratio of credited service to total service establishes the portion of the projected benefit to be used in calculating the current funding level.
- ^o For Non-active Members the discounted value of benefits, including augmentation in cases where benefits have not commenced.

GASB Disclosure

The Current Benefit Obligation amounts in Table 8 are required to be disclosed by Statement No. 5 of the Governmental Accounting Standards Board (GASB). However, Statement No. 5 uses the terms "Actuarial Present Value of Credited Projected Benefits" and "Pension Benefit Obligation" rather than "Current Benefit Obligation".

The JULY 1, 1996 Pension Benefit Obligation reported in Table 8 is reformatted for GASB reporting purposes in the following table:

Retirees and beneficiaries currently receiving benefits and terminated employees not yet receiving benefits	\$492,122,440
Current Employees	
Accumulated employee contributions including allocated investment income	\$50,471,964
Employer-financed vested	219,122,231
Employer-financed nonvested	7,414,674
Total Pension Benefit Obligation	\$769,131,309
Net Assets Available for Benefits at Cost	\$746,670,641
Total Benefit Obligation less Assets	\$22,460,668
Funded Ratio	97.08%

Actuarial Cost Method (Table 9)

The approach used by the State of Minnesota to determine contribution sufficiency is the Entry Age Normal Actuarial Cost Method. The primary characteristic of this method is that it allocates costs as a level percentage of payroll.

A comparison of this actuarial method (Table 9) to the actuarial balance sheet (Table 8) illustrates the two techniques for allocating liabilities of active Members to past and future. As noted in the prior section, the balance sheet allocates benefits and the corresponding liabilities, on the basis of service. The method used in Table 9 allocates liabilities so that the cost each year will be a constant percentage of payroll. Both approaches, however, calculate the value of all future benefits the same way (see line F of Table 8 and line A6, column 1, of Table 9). These items are disclosed here as required by Subdivision 7 of Section 353A.09 of Minnesota Statute, however they are not used in calculating contributions.

The contributions required to be paid are equal to the sum of the employee contributions plus the regular municipal contributions plus the additional municipal contributions as displayed in Table 11. The additional municipal contributions are equal to the amortization of the initial unfunded liability plus each year's gain or loss over a 15 year period. The current year (gain) or loss is determined as:

Actuarial Value of Projected Benefits,

less the present value of Future Employee Contributions, less the present value of future Regular Municipal Contributions, less the Valuation Assets, less the current balance of the amortization bases from the prior year.

This calculation is outlined in Table 10.

Changes in Actuarial Assumptions

The actuarial assumptions are the same as those used in the prior valuation.

Changes in Plan Provisions

PERA retirement factor was increased from 2.5% to 2.65% for the following Accounts:

- Brainerd Police

- Winona Fire

- Chisholm Fire

- Winona Police

- Chisholm Police

There were two new Accounts added for the current valuation:

- Brainerd Police
- Faribault Police

Accounting Balance Sheet (actual dollars)

Α.	ASSETS	Market Value	Cost Value
A.	1. Cash, Equivalents, Short-term Securities 2. Investments	\$2,374,657	\$2,374,657
	a. Fixed Income	97,785,686	99,964,045
	b. Equity	274,956,528	251,193,311
	c. Real Estate	14,656,948	14,667,003
	3. Equity in Minnesota Post-Retirement Investment Fund (MPRIF)	381,588,553	381,588,553
	4. Other	230,245	230,245
B.	TOTAL ASSETS	\$771,592,617	\$750,017,814
C.	AMOUNTS CURRENTLY PAYABLE	\$3,347,173	\$3,347,173
D.	ASSETS AVAILABLE FOR BENEFITS		
	1. Member Reserves	\$51,544,616	\$51,544,616
	2. Employer Reserves	335,112,275	313,537,472
	3. MPRIF Reserves	381,588,553	381,588,553
	4. Non-MPRIF Reserves	0	0
	5. Total Assets Available for Benefits	\$768,245,444	\$746,670,641
E.	TOTAL AMOUNTS CURRENTLY PAYABLE AND ASSETS AVAILABLE FOR BENEFITS	\$771,592,617	\$750,017,814
F.	DETERMINATION OF ACTUARIAL VALUE OF ASS	SETS	
	1. Cost Value of Assets Available for Benefits (D5)		\$746,670,641
	2. Market Value (D5)	\$768,245,444	
	3. Cost Value (D5)	746,670,641	
	4. Market Over Cost: (F2-F3)	\$21,574,803	
	5. 1/3 of Market Over Cost: (F4)/3		7,191,601
	6. Actuarial Value of Assets (F1+F5)		\$753,862,242
	(Same as "Current Assets")		

Change In Assets Available For Benefits

(actual dollars)

YEAR ENDING JUNE 30, 1996

		Market Value	Cost Value
A.	ASSETS AVAILABLE AT BEGINNING OF PERIOD	\$682,336,864	\$671,829,081
В.	OPERATING REVENUES		
	 Member Contributions Employer Contributions Investment Income MPRIF Income Net Realized Gain (Loss) Other Net Change in Unrealized Gain (Loss) Total Revenue 	\$4,060,764 15,090,865 51,680,728 38,847,674 0 7,930,887 11,067,019 \$128,677,937	\$4,060,764 15,090,865 51,680,728 38,847,674 0 7,930,887 (1) \$117,610,917
C.	OPERATING EXPENSES		
	 Service Retirements Disability Benefits Survivor Benefits Refunds Investment Fees Administrative Expenses Other Total Disbursements 	\$37,534,465 1,545,548 2,760,714 79,357 133,166 534,223 181,884 \$42,769,357	\$37,534,465 1,545,548 2,760,714 79,357 133,166 534,223 181,884 \$42,769,357
D.	OTHER CHANGES IN RESERVES	0	0
E.	ASSETS AVAILABLE AT END OF PERIOD	\$768,245,444	<u>\$746,670,641</u>

POLICE AND FIRE CONSOLIDATION FUND ACTIVE MEMBERS AS OF JUNE 30, 1996

	Years of Service								
<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	<u>20-24</u>	25-29	30+ ALL	
<25	0	0	0	0	0	0	0	o o	
25-29	0	0	0	0	0	0	Ō	0	
30-34	0	0	0	1	0	0	0	0 1	
35-39	0	0	0	2	33	0	0	0 35	
40-44	0	0	0	0	162	27	0	0 189	
45-49	0	2	0	0	106	189	59	0 356	
50-54	0	0	0	0	23	81	157	20 281	
55-59	0	0	0	0	5	17	42	56 120	
60-64	0	0	0	0	0	1	4	13 18	
65+	0	0	0	0	1	0	0	2 3	
ALL	0	2	0	3	330	315	262	91 1,003	

AVERAGE ANNUAL EARNINGS

Years of Service <u><1</u> <u>Age</u> 1-4 <u>5-9</u> <u>10-14</u> <u>15-19</u> 20-24 <u>25-29</u> 30+ <u>ALL</u> <25 0 0 0 0 0 0 0 0 0 25-29 0 0 0 0 0 0 0 0 0 30-34 0 0 0 42,458 0 0 0 0 42,458 35-39 0 0 44,038 0 53,113 0 0 0 52,594 40-44 0 0 0 51,721 0 49,050 0 51,339 45-49 0 48,933 0 0 50,672 52,988 54,472 0 52,522 50-54 0 0 0 0 47,618 50,784 52,481 51,510 51,525 55-59 0 0 0 0 46,722 47,709 50,799 54,447 51,894 60-64 0 0 0 0 0 68,325 49,929 57,494 56,415 65+ 0 0 0 0 47,965 0 70,482 62,976 ALL 0 48,933 0 51,150 51,848 43,511 52,621 54,589 52,038

PRIOR FISCAL YEAR EARNINGS (IN THOUSANDS) BY YEARS OF SERVICE

		_							
<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	10-14	15-19	20-24	25-29	30+	ALL
All	0	98	0	131	16,880	16,332		4,968	entification of the con-

POLICE AND FIRE CONSOLIDATION FUND

SERVICE RETIREMENTS AS OF JUNE 30, 1996

T		
YEA	RS	RETIRED

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	25+	ALL
<50	· 0	0	1	0	0	0	0	ı
50-54	11	52	11	8	4	1	Õ	87
55-59	29	69	93	7	9	1	0	208
60-64	16	60	60	60	7	2	1	206
65-69	1	45	48	114	80	8	2	298
70-74	0	5	43	74	95	45	7	269
75-79	0	0	7	38	59	33	26	163
80-84	0	0	0	5	34	31	39	109
85+	0	0	0	0	3	11	31	45
ALL	57	231	263	306	291	132	106	1,386

AVERAGE ANNUAL BENEFIT

YEARS RETIRED

	_							
<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	<u>20-24</u>	25+	ALL
<50	0	0	23,997	0	0	0	0	23,997
50-54	20,487	20,775	20,126	21,294	15,872	21,683	ō	20,489
55-59	31,365	27,582	21,924	20,047	21,840	23,997	0	25,061
60-64	37,912	32,338	24,894	22,577	21,407	25,029	7,657	27,198
65-69	57,994	32,860	26,981	24,295	23,432	22,332	15,607	25,792
70-74	0	34,091	28,663	26,070	24,027	22,354	14,754	24,996
75-79	0	0	29,462	26,241	24,830	22,870	21,830	24,483
80-84	0	0	0	28,337	24,677	23,360	21,255	23,246
85+	0	0	0	0	24,617	24,435	23,851	24,045
ALL	31,571	28,454	24,759	24,519	23,865	22,939	21,491	24,992

TOTAL ANNUAL BENEFIT (IN THOUSANDS) BY YEARS RETIRED

						-,		
<u>Age</u>	- 1	7 /	<i>5</i>	10 14				
A EC	~1	1-4	3-4	111-14	15_10	70 74	261	2 (1.8 pt.) 2 (1.9 pt.) 4 (1.8 pt.) 4 (1.9
		 -	<u></u>	10-14	13-17	20-24	2.3 🗆	A Processor
- W. L. & C.	60 60 vide papa pilipad na resnese	CONTRACTOR	AN ARROST CONTRACTOR OF THE ARRANGE					44.14 (2.4 (2.5 (2.4 (2.4 (2.4 (2.4 (2.4 (2.4 (2.4 (2.4
4 11			rad terminalist (1955 - 1960), i per periode en			9 M 59590 9950 956 9 Minimarana araba araba	est est commencement automobile automobile	
All	1 2/41	6 57 2	6 6 10	TO PARTIE OF THE PARTIES OF THE PART				50 55 55 55 55 55 55 55 55 55 55 55 55 5
4 3.11	1.000	U.J./J	$\mathbf{D} = \mathbf{D} \cdot \mathbf{D} \cdot \mathbf{D}$	The second of th	A UAA		00000000000000000000000000000000000000	3 Z 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
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POLICE AND FIRE CONSOLIDATION FUND

SURVIVORS AS OF JUNE 30, 1996

YEARS SINCE DEATH

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	10-14	15-19	20-24	<u>25+</u>	ALL
<50	0	7	8	7	3	0	0	25
50-54	0	7	5	2	3	0	2	19
55-59	0	1	8	6	3	1	0	19
60-64	0	5	10	14	8	5	6	48
65-69	0	3	16	17	18	15	9	78
70-74	0	2	14	23	17	20	14	90
75-79	0	6	6	17	24	24	31	108
80-84	0	2	10	9	17	26	44	108
85+	0	3	2	10	7	20	67	109
ALL	0	36	79	105	100	111	173	604

AVERAGE ANNUAL BENEFIT

YEARS SINCE DEATH

<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	<u>20-24</u>	<u>25+</u>	ALL
<50	0	10,813	13,234	7,733	6,156	0	0	10,166
50-54	0	16,063	12,180	13,025	11,693	0	14,510	13,868
55-59	0	14,301	13,563	12,555	12,815	17,347	0	13,365
60-64	0	15,352	12,614	13,341	12,914	13,605	11,536	13,130
65-69	0	13,357	12,838	13,695	13,192	11,238	13,445	12,889
70-74	0	13,429	13,637	11,928	13,573	12,618	12,413	12,767
75-79	0	13,892	11,686	12,824	13,386	12,504	12,244	12,707
80-84	0	14,301	12,999	14,049	12,558	12,248	12,413	12,622
85+	0	13,750	12,553	13,395	10,897	11,291	11,807	11,867
ALL	0	13,870	12,949	12,646	12,746	12,168	12,195	12,558

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS SINCE DEATH

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	15-19	20-24	25+	ALL
All	0	499,320	1,022,971	1,327,830	1,274,600	1,350,648		7,585,032

POLICE AND FIRE CONSOLIDATION FUND

DISABILITY RETIREMENTS AS OF JUNE 30, 1996

YEARS DISABLED

<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	10-14	<u>15-19</u>	20-24	25+	ALL :
<50	3	8	6	6	4	1	0	28
50-54	6	11	5	3	0	0	0	25
55-59	4	6	1	0	0	0	0	11
60-64	1	0	0	0	0	0	0	1
65-69	0	1	0	0	0	0	0	1
70-74	0	0	0	0	0	0	0	0
75-79	0	0	0	0	0	0	0	0
80-84	0	0	0	0	0	0	0	0
85+	0	0	0	0	0	0	0	0
ALL	14 wist	26	12	9	4 25 2	. I	0	66

AVERAGE ANNUAL BENEFIT

YEARS DISABLED

_								
<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	<u>20-24</u>	<u>25+</u>	ALL'
<50	21,237	20,513	17,970	22,238	15,493	12,122	0	19,399
50-54	31,071	27,836	23,210	19,015	0	0	0	26,629
55-59	31,400	33,514	26,807	0	0	0	0	32,136
60-64	47,815	0	0	0	0	0	. 0	47,815
65-69	0	44,739	0	0	0	0	0	44,739
70-74	0	0	0	0	0	0	0	0
75-79	0	0	0	. 0	0	0	0	0
80-84	0 .	0	0	0	0	0	. 0	0
85+	0	0	0	0	0	. 0	0	0
ALL	30,253	27,543	20,890	21,163	15,493	12,122	0	25,075

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS DISABLED

<u>Age</u>	<u><1</u> <u>1-4</u>	<u>5-9</u> <u>10-14</u>	15-19 20-24	25+	ALL
All	423,542 716,118	250,680 190,467	61,972 12,122	Ó	1,654,950

Reconciliation Of Members

			Termin	ated
		Actives	Deferred Retirement	Other Non-Vested
A.	ON JUNE 30, 1995	1,061	32	0
B.	ADDITIONS	19	9	0
C.	DELETIONS 1. Service Retirement 2. Disability 3. Death-Survivor 4. Death-Other 5. Terminated - Deferred 6. Terminated - Refund 7. Terminated - Other Non-Vested 8. Returned as Active	(51) (15) 0 0 (9) (1) 0	(6) (1) 0 0 0 0 0 (1)	0 0 0 0 0 0
D.	DATA ADJUSTMENTS	(1)	2	0
	Vested Non-Vested	1,003		
E.	TOTAL ON JUNE 30, 1996	1,003	35	0
		Retirement	Recipients	
		Annuitants	Disabled	Survivors
A.	ON JUNE 30, 1995	1,349	53	580
B.	ADDITIONS	87	16	46
C.	DELETIONS 1. Service Retirement 2. Death 3. Annuity Expired 4. Returned as Active	0 (46) 0 0	(2) 0 (2) 0	0 (19) 0 0
D.	DATA ADJUSTMENTS	(4)	1	(3)
E.	TOTAL ON JUNE 30, 1996	1,386	66	604

Actuarial Balance Sheet

(actual dollars)

A.	CURRENT ASSETS (100.00% of Table 1, F6)		\$753,862,241
В.	EXPECTED FUTURE ASSETS		
	 Present Value of Employee Contributions Present Value of Regular Municipal Contributions Present Value of Additional Municipal Contributions Total Expected Future Assets 		\$35,907,623 53,861,434 38,112,291 \$127,881,348
C.	TOTAL CURRENT AND EXPECTED FUTURE ASSETS		\$881,743,589
D.	CURRENT PENSION BENEFIT OBLIGATIONS		
	Retirees and Beneficiaries Currently Receiving Benefits and Terminated Employees Not Yet Receiving Benefits		\$492,122,440
	2. Current Employees		
	 a. Accumulated Employee Contributions Including Allocated Investment Income* b. Employer-Financed Vested c. Employer-Financed Nonvested d. Total 	\$50,471,964 219,122,231 7,414,674	\$277,008,869
	3. Total Pension Benefit Obligation		\$769,131,309
E.	EXPECTED FUTURE PENSION BENEFIT OBLIGATION		\$112,612,280
F.	TOTAL CURRENT AND EXPECTED FUTURE PENSION BENEFIT OBLIGATION		\$881,743,589
G.	CURRENT UNFUNDED ACTUARIAL LIABILITY (D3-A)	\$15,269,068	
H.	CURRENT AND FUTURE UNFUNDED ACTUARIAL LIAN	BILITY (F-C)	\$0
*Es	timated		

Entry Age Normal Cost Calculations

(actual dollars)

		Number of Participants	Present Value of Projected Benefits	Actuarial Accrued Liabilities
A .	DETERMINATION OF ACTUARIAL ACCRUED LIABILITY (AAL)		•	
	1. Active Members			
	a. Elected PERA Police and Fire	774	\$301,941,452	\$233,171,561
	b. No Election (Greater Value)	229	87,679,697	66,059,414
	c. Total	1,003	\$389,621,149	\$299,230,975
	2. Former Members			
	 a. Elected PERA Police and Fire 	19	3,518,270	\$3,518,270
	b. No Election (Greater Value)	16	5,353,848	5,353,848
	c. Total	35	\$8,872,118	\$8,872,118
	3. Benefit Recipients			
	a. Elected PERA Police and Fire*	1,843	\$422,255,575	\$422,255,575
	b. Elected Relief Association	213	60,994,747	60,994,747
	c. Total	2,056	\$483,250,322	\$483,250,322
	4. Total			
	a. Elected PERA Police and Fire*	2,636	\$727,715,297	\$658,945,406
	b. Elected Relief Association	213	60,994,747	60,994,747
	c. No Election (Greater Value)	245	93,033,545	71,413,262
	d. Total	3,094	\$881,743,589	\$791,353,415
В.	DETERMINATION OF UNFUNDED A	CTUARIAL ACC	RUED LIABILITY	(UAAL)
	1. AAL (A4)			\$791,353,415
	2. Current Assets (100.00% of Table 1,F	6)		753,862,241
	3. UAAL (B1-B2)			\$37,491,174
C.	NORMAL COST			\$10,730,184

^{*} Includes MPRIF Reserves of \$381,588,553

Net Actuarial Loss (Gain)

(actual dollars)

A.	ACTUARIAL PRESENT VALUE OF PROJECTED BENEFITS (Table 9) 1. Elected PERA Police and Fire	\$727,715,297
	2. Elected Relief Association	60,994,747
	3. No Election (Greater Value)	93,033,545
	4. Total	\$881,743,589
B.	PRESENT VALUE OF FUTURE EMPLOYEE CONTRIBUTIONS	
	1. Elected PERA Police and Fire	\$27,989,971
	2. No Election (Greater Value)	\$7,917,652
	3. Total	\$35,907,623
C.	PRESENT VALUE OF FUTURE REGULAR MUNICIPAL CONTRIBUTION	NS
	1. Elected PERA Police and Fire	\$41,984,957
	2. No Election (Greater Value)	\$11,876,477
	3. Total	\$53,861,434
D.	CURRENT VALUE OF TOTAL ASSETS (100.00% of Table 1, F6)	\$753,862,241
E.	PRESENT VALUE OF FUTURE ADDITIONAL MUNICIPAL CONTRIBUT	IONS
	1. Initial contribution - Amortized Through December 31, 2010	\$244,172,303
	2. 15 year amortization of prior years' loss (gain)	(168,663,896)
	(Table 11, B.2.b + B.2.c + B.2.d + B.2.e+B.2.f + B.2.g + B.2.h)	
	3. Total	\$75,508,407
-	LOGG (GARD IA D. G.D. TI	
r.	LOSS (GAIN) [A-B-C-D-E]	(\$37,396,116)
G.	ANALYSIS OF LOSS (GAIN)	
	1. MPRIF Mortality	\$51,184
	2. PERA Benefit Election	(2,408,797)
	3. Additional Contributions Made	(2,699,211)
	4. Other	(32,339,292)
	5. Total	(\$37,396,116)
H.	15 YEAR AMORTIZATION OF LOSS (GAIN)	(4,323,266)

Determination of Statutory Contributions

(actual dollars)

JULY 1, 1996

				Percent of Payroll	Dollar Amount
A.	EMPLOYE	E CONTRIBUTIONS		7.60%	\$3,966,791 *
В.		R CONTRIBUTIONS justment For State Aid)			
	1. Regular	municipal contribution		11.40%	\$5,950,187 *
	2. Addition	al municipal contribution			
		Date	Current	Last	Payment
		Established	Balance	Payment	Amount**
	a.	Initial	\$244,172,303	12/31/2010	\$28,228,111
	ь.	07/01/88	\$126,583	12/31/2002	\$23,742
	c.	07/01/89	(\$2,753,801)	12/31/2003	(\$468,815)
	d.	07/01/90	(\$10,755,190)	12/31/2004	(\$1,687,401)
	_	07/01/01	(00.511.000)	10101	(Ψ1,007,701)

(\$2,511,269)

(\$13,760,669)

(\$48,462,590)

(\$69,404,946)

(\$21,142,015)

(\$37,396,116)

12/31/2005

12/31/2006

12/31/2007

12/31/2008

12/31/2009

12/31/2010

	k.	Total	\$38,112,291	\$1,977,242
C.	ESTIMAT	ED TOTAL STATUTO	RY CONTRIBUTION	\$11,894,220

^{*} Estimated based on prior years' payroll

e.

f.

g.

h.

i.

j.

07/01/91

07/01/92

07/01/93

07/01/94

07/01/95

07/01/96

(\$367,439)

(\$1,895,637)

(\$6,334,590)

(\$8,663,538)

(\$2,533,925)

(\$4,323,266)

^{**} Contribution is assumed to be paid on December 31, 1996

Summary of Actuarial Assumptions and Methods

Interest:

Pre-Retirement:

8.5% per annum

Post-Retirement:

PERA Police and Fire

8.5% per annum

Relief Association

8.5% per annum

Benefit Increases
After Retirement:

PERA Police and Fire:

Payment of earnings on retired reserves in excess of 5%

accounted for by 5% post-retirement interest.

Relief Association:

6.5% per annum. The following are exceptions:

Buhl Police - 3.5% per annum

Chisholm Police - 3% per annum

Chisholm Fire - 3% per annum

Faribault Police - 3.5% per annum

Red Wing Police - 6.5% per annum; increased in accordance with CPI increase if on active duty as of January 1, 1974 or

later.

Rochester Police - If hired before July 1, 1969, 6.5% per annum. If hired after June 30, 1969, 3.25% per annum.

Rochester Fire - If hired before July 1, 1969, 6.5% per annum.

If hired after June 30, 1969, 3.25% per annum.

West St. Paul Police - 3.5% per annum

Salary Increases:

Reported salary for prior fiscal year, increased 6.5% to current

fiscal year and 6.5% annually for each future year.

Mortality:

Pre-Retirement:

Male -

1971 Group Annuity Mortality Table male

rates projected to 1984 by Scale D.

Female -

1971 Group Annuity Mortality Table female

rates projected to 1984 by Scale D.

Post-Retirement:

Male -

Same as above.

Female -

Same as above.

Post-Disability:

Male -

1965 RRB rates

Female -

1965 RRB rates

Retirement Age:

PERA Police and Fire

Age 60, or if over age 60, one year from the valuation date.

Albert Lea Fire

Age 56 and 20 years of service, or if over 58, one year from the

valuation date.

Albert Lea Police

Age 58 and 20 years of service, or if over 58, one year from the

valuation date.

Anoka Police

Age 58 and 20 years of service, or if over 58, one year from the

valuation date.

Austin Police

Age 58 and 20 years of service, or if over 58, one year from the

valuation date.

Bloomington Police

Age 53 and 20 years of service, or if over 58, one year from the

valuation date.

Brainerd Police

Age 58 and 20 years of service, or if over 58, one year from the

valuation date.

Buhl Police

Age 58 and 20 years of service, or if over 58, one year from the

valuation date.

Chisholm Fire

Age 58 and 20 years of service, or if over 58, one year from the

valuation date.

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Chisholm Police Age 58 and 20 years of service, or if over 58, one year from the

valuation date.

Columbia Heights Fire Age 55 and 20 years of service, or if over 58, one year from the

valuation date.

Columbia Heights Police Age 52 and 20 years of service, or if over 58, one year from the

valuation date.

Crookston Fire Age 60 and 20 years of service, or if over 60, one year from the

valuation date.

Crystal Police Age 58 and 20 years of service, or if over 58, one year from the

valuation date.

Duluth Fire Age 58 and 20 years of service, or if over 58, one year from the

valuation date.

Duluth Police Age 58 and five years of service, or if over 58, one year from

the valuation date.

Faribault Fire Age 54 and 20 years of service, or if over 50, one year from the

valuation date.

Faribault Police Age 58 and 20 years of service, or if over 50, one year from the

valuation date.

Fridley Police Age 58 and 20 years of service, or if over 50, one year from the

valuation date.

Hibbing Fire Age 58 and 20 years of service, or if over 58, one year from the

valuation date.

Hibbing Police Age 58 and 20 years of service, or if over 58, one year from the

valuation date.

Mankato Fire Age 57 and 20 years of service, or if over 50, one year from the

valuation date.

New Ulm Police Age 56 and 20 years of service, or if over 50, one year from the

valuation date.

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Age 58 and 20 years of service, or if over 58, one year from the Red Wing Fire valuation date. Red Wing Police Age 53 and 20 years of service, or if over 53, one year from the valuation date. Richfield Police Age 58 and 20 years of service, or if over 58, one year from the valuation date. Rochester Fire Age 60 and 20 years of service, or if over 56, one year from the valuation date. Rochester Police Age 60 and 20 years of service, or if over 60, one year from the valuation date. St. Cloud Fire Age 60 and 20 years of service, or if over 60, one year from the valuation date. St. Louis Park Fire Age 62 and 20 years of service, or if over 62, one year from the valuation date. St. Louis Park Police Age 58 and 10 years of service, or if over 50, one year from the valuation date. St. Paul Fire Age 60 and 20 years of service, or if over 60, one year from the valuation date. St. Paul Police Age 58 and 20 years of service, or if over 60, one year from the valuation date. South St. Paul Fire Age 58 and 20 years of service, or if over 60, one year from the valuation date. West St. Paul Fire Age 58 and 20 years of service, or if over 60, one year from the valuation date. West St. Paul Police Age 58 and 20 years of service, or if over 60, one year from the valuation date. Winona Fire Age 58 and 20 years of service, or if over 58, one year from the valuation date.

Winona Police Age 58 and 20 years of service, or if over 50, one year from the

valuation date.

Separation: Graded rates based on PERA Police and Fire Fund experience

as of June 30, 1990. Rates are shown in rate table.

Disability: Rates as shown in rate table.

Return of Contributions:

PERA Police and Fire: All employees withdrawing after becoming eligible for a

deferred benefit were assumed to take the larger of their contributions accumulated with interest or the value of their

deferred benefits.

Relief Association: If a relief association allows for the return of contributions, the

contributions are returned to the Member if the Member is not

eligible for any other benefit.

Family Composition: 85% of male Members and 65% of female Members are

assumed to be married. Female is four years younger than

male. Assume Members have no children.

Social Security: N/A

Special Consideration:

PERA Police and Fire: Married Members assumed to elect subsidized joint and

survivor form of annuity as follows:

Males - 40% elect 50% J&S option

45% elect 100% J&S option

Females - 15% elect 50% J&S option

15% elect 100% J&S option

Relief Association: N/A

Actuarial Cost Method:

Calculations of the Actuarial Accrued Liability and Normal Cost under the Entry Age Normal Actuarial Cost Method are disclosed in the report.

The Additional Municipal Contribution is derived by subtracting the following items from the Actuarial Present Value of Projected Benefits:

- Present Value of Future Employee Contributions
- Present Value of Future Regular Municipal Contributions
- Current Value of Assets
- Present Value of Additional Municipal Contributions (amount determined in the prior year)

Any excess (deficit) is a loss (gain) to be funded over 15 years and is added to the prior year Additional Municipal Contributions.

Asset Valuation Method:

Cost Value plus one-third Unrealized Gains or Losses.

Police and Fire Consolidation Fund

Summary of Actuarial Assumptions and Methods

Separation Expressed as Number of Occurrences Per 10,000:

	Death		<u>Withdrawal</u>		Disability		Retirement	
<u>Age</u>	<u>Male</u>	<u>Female</u>	Male	<u>Female</u>	Male	<u>Female</u>	<u>Male</u>	<u>Female</u>
20	5	2	859	859	11	11	0	0
21	5	2	750	750	11	11	0	0
22	5	2	660	660	12	12	0	0
23	5	3	583	583	12	12	0	0
24	5	3	519	519	13	13	0	0
25	6	3	463	463	13	13	0	0
26	6	3	416	416	14	14	0	0
27	6	3	374	374	14	14	0	0
28	7	3	339	339	14	14	0	0
29	7	4	307	307	15	15	0	0
30	7	4	280	280	16	16	0	0
31	8	4	256	256	16	16	0	0
32	8	4	234	234	17	17	0	0
33	9	5	215	215	17	17	0	0
34	10	5	198	198	18	18	0	0
35	10	5	183	183	19	19	0	0
36	11	6	169	169	20	20	0	0
37	12	6	157	157	22	22	0	0
38	13	7	146	146	23	23	0	0
39	14	7	135	135	24	24	0	0
40	15	8	126	126	26	26	0	0
41	16	9	118	118	28	28	0	0
42	18	9	110	110	29	29	0	0
43	21	10	103	103	31	31	0	0
44	24	11	97	97	34	34	0	0
45	27	12	91	91	36	36	0	0
46	30	13	86	86	41	41	0	0
47	34	14	81	81	46	46	0	0
48	39	15	69	69	52	52	0	0
49	44	17	59	59	60	60	0	0

Police and Fire Consolidation Fund

Summary of Actuarial Assumptions and Methods

Separations Expressed as the Number of Occurrences per 10,000:

	Death		<u>Withdrawal</u>		<u>Disability</u>		Retirement	
<u>Age</u>	<u>Male</u>	<u>Female</u>	Male	<u>Female</u>	<u>Male</u>	<u>Female</u>	<u>Male</u>	<u>Female</u>
50	49	18	50	50	69	69	0	0
51	54	20	39	39	80	80	0	0
52	60	21	29	29	91	91	0	0
53	65	23	22	22	104	104	0	0
54	72	25	15	15	119	119	0	0
55	78	27	11	11	135	135	0	0
56	85	30	7	7	152	152	0	0
57	92	33	5	5	171	171	0	0
58	100	37	3	3	192	192	0	0
59	110	41	1	1	215	215	0	0
60	121	46	0	0	0	0	10,000	10,000
61	133	52	0	0	0	0	0	['] 0
62	146	58	0	0	0	0	0	0
63	160	65	0	0	0	0	0	0
64	176	73	0	0	0	0	0	0
65	195	81	0	0	0	0	0	0
66	219	90	0	0	0	0	0	0
67	243	99	0	0	0	0	0	0
68	270	109	0	0	0	0	0	0
69	300	123	0	0	0	0	0	0
70	334	140	0	0	0	0	0	0

Summary of PERA Police and Fire Plan Provisions

GENERAL

Eligibility: All full-time and certain part-time police officers and fire

fighters who are not contributing to any other local

retirement fund.

Contributions:

Member: 7.6% of salary effective January 1, 1994.

Employer: 11.4% of salary effective January 1, 1994.

Allowable Service: Police and fire service during which Member contributions

were deducted. May also include certain leaves of absence

and military service.

Salary: Includes amounts deducted for deferred compensation or

supplemental retirement plans, net income from fees and sick leave payments funded by the employer. Excludes

lump sum payments at separation and Workers'

Compensation benefits.

Average Salary: Average of the five highest successive years of salary.

Average salary is based on all Allowable Service if less

than five years.

RETIREMENT

Normal Retirement Benefit:

Eligibility: Age 55 and three years of Allowable Service. Pro-

portionate Retirement Annuity is available at age 65 and

one year of Allowable Service.

Amount: 2.5% of average salary for each year of Allowable Service.

2.65% of average salary for each year of Allowable Service

for new consolidations after 7/1/93 and existing consolidations that have municipal approval.

Early Retirement Benefit:

Eligibility: Age 50 and three years of Allowable Service.

Amount: Normal Retirement Benefit based on Allowable Service

and average salary at retirement date assuming augmentation to age 55 at 3% per year and actuarial reduction for

each month the Member is under age 55.

Form of Payment: Life annuity with return on death of any balance of

contributions over aggregate monthly payments.

Actuarially equivalent options are:

50% or 100% joint and survivor with bounce back feature without additional reduction (option canceled if Member is

pre-deceased by beneficiary).

Benefit Increases: Benefits may be increased each January 1 depending on the

investment performance of the Minnesota Post Retirement Investment Fund (MPRIF). A benefit recipient who has been receiving a benefit for at least 12 full months as of June 30 will receive a full increase. Benefit recipients receiving benefits for at least one full month but less than 12

full months will receive a partial increase.

Members retired under law in effect before July 1, 1973 receive an additional lump sum payment each year. In 1989, this lump sum payment is the greater of \$25 times each full year of Allowable Service or the difference between \$400 times each full year of Allowable Service and the sum of the benefits paid from any Minnesota public pension plan plus cash payments from the Social Security Administration for the preceding fiscal year July 1, 1988 through June 30, 1989. In each following year, the lump sum payment will increase by the same percentage increase that is applied to regular annuities paid from MPRIF.

DISABILITY

Duty Disability Benefit:

Eligibility: Physically or mentally unable to perform duties as a police

officer or fire fighter as a direct result of an act of duty.

Amount: 50% of average salary plus 2.5% of average salary for each

year in excess of 20 years of Allowable Service (53% and 2.65%, respectively for new consolidations after 7/1/93 or prior consolidations with municipal approval). The disability benefit is reduced to that amount which when added to Workers' Compensation and actual earnings does not exceed salary or 125% of salary for an employee at the same position. Payments revert to retirement annuity at age

55.

Non-Duty Disability Benefits:

Eligibility: Physically or mentally unable to perform duties as a police

officer or fire fighter with one year of Allowable Service.

Amount: Normal Retirement benefit based on Allowable Service

(minimum of 15 years) and average salary at disability without reduction for commencement before age 55. Payments revert to retirement annuity at age 55.

Form of Payment: Same as for retirement.

Benefit Increases: Adjusted by PERA to provide same increase as MPRIF.

Retirement Benefits:

Eligibility: Age 55

Amount: Any optional annuity continues. Otherwise, the larger of

the disability benefit paid before age 55 or the normal retirement benefit available at age 55, or an actuarially

equivalent optional annuity.

Benefit Increases: Same as for retirement.

DEATH

Surviving Spouse Benefit:

Eligibility: Active or Disabled Member with surviving spouse, married

for at least one year unless death in the line of duty.

Amount: 50% of salary averaged over last six months. Benefit paid

until spouse's death but no payments while spouse is

remarried.

Surviving Dependent Child Benefit:

Eligibility: Active or Disabled Member with dependent child.

Amount: 10% of salary averaged over last six months for each child.

Family benefit minimum (including spouse's benefit) of 50% of salary and maximum of 70% of salary. Benefits paid until child marries, dies, or attains age 18 (age 23 if

full-time student.)

Surviving Spouse Optional Annuity:

Eligibility: Active or Disabled Member. If the Member dies before age

55, benefits commence when Member would have been age 55 or as early as age 50 if qualified for early retirement.

Amount: Survivor's payment of the 100% joint and survivor benefit

the Member could have elected if terminated.

Alternatively, spouse may elect refund of deceased contributions with interest if there are no dependent

children.

Benefit Increases: Adjusted by PERA to provide same increase as MPRIF.

TERMINATION

Refund of Contributions:

Eligibility:

Termination of public service.

Amount:

Member's contributions with 5% interest compounded annually if termination occurred before May 16, 1989 and 6% interest if termination occurred on or after May 16, 1989. A deferred annuity may be elected in lieu of a refund

if three or more years of Allowable Service.

Deferred Annuity:

Eligibility:

Three years of Allowable Service.

Amount:

Benefit computed under law in effect at termination and increased by the following annual percentage: 0% before 7/1/71; 5% from 7/1/71 to 1/1/81; and 3% thereafter until January 1 of the year following attainment of age 55 and 5% thereafter until the annuity begins. Amount is payable

as a normal or early retirement.

CONSOLIDATION ACCOUNTS USING 2.50% BENEFIT FACTOR

Crookston Fire Mankato Fire

Summary of Local Police or Fire Fighter Plan Provisions

GENERAL

Eligibility: A Member of a local relief association

consolidating with PERA Police and Fire Fund who elects to retain benefit coverage in the local

relief association benefit plan.

Contributions:

Member: 7.6% of contribution salary.

Employer: 11.4% of contribution salary.

Allowable Service: Any service rendered in the municipality in

which the Local relief association is located before the effective date of consolidation and any service rendered by a covered employee as a police officer or fire fighter in the municipality in

which the local relief association is located.

Salary:

Benefit Salary:

Albert Lea Fire Final salary.

Albert Lea Police Final salary for the rank held including educa-

tional incentive pay but excluding overtime,

holidays and shift differential pay, etc.

Anoka Police Salary of a First Grade Patrol Officer.

Austin Police Salary of First Class Patrolman.

Bloomington Police Salary of a First Grade Patrolman with 15 years

of service.

Brainerd Police Final salary.

Buhl Police

Final salary.

Chisholm Fire

Average salary for final six months.

Chisholm Police

Average salary for final six months.

Columbia Heights Fire

Salary of a First Grade Fireman.

Columbia Heights Police

Salary of a Top Patrolman.

Crookston Fire

Final salary.

Crystal Police

Salary of First Grade Patrolman.

Duluth Fire

Maximum pay of a Fire Fighter including overtime payments for a regular work week.

Duluth Police

Salary of a First Grade Patrol Officer with 16

years of service.

Faribault Fire

Salary of First Class Fire Fighter.

Faribault Police

Final salary.

Fridley Police

Salary of a First Grade Patrolman.

Hibbing Fire

Average salary for final six months of employ-

ment.

Hibbing Police

Average salary for final six months of employ-

ment.

Mankato Fire

Base pay of a First Class Fire Fighter.

New Ulm Police

Final salary.

Red Wing Fire

Average annual salary for highest three paid

years.

Red Wing Police

Final salary.

Richfield Police Salary of the highest paid patrol officer including

college incentive pay.

Rochester Fire Base pay of a First Class Fire Fighter.

Rochester Police Salary of a First Grade Patrol Officer.

St. Cloud Fire Salary of a First Grade Fire Fighter with 25 or

more years of service.

St. Louis Park Fire Salary of the highest grade full-time Fire Fighter.

St. Louis Park Police Base pay of first grade patrolman during the

second month of previous fiscal year.

St. Paul Fire Salary of a First Grade Fire Fighter.

St. Paul Police Salary of Patrolman.

South St. Paul Fire Salary of a First Grade Fireman.

West St. Paul Fire Salary of a First Grade Fire Fighter.

West St. Paul Police Salary of Top Patrol Officer.

Winona Fire Salary of a First Grade Fire Fighter.

Winona Police Base pay of first grade patrolman during the

second month of previous fiscal year.

Contribution Salary: Greater of Benefit Salary or actual salary. The

following are exceptions:

Albert Lea - Benefit Salary.
Buhl Police - Benefit Salary.
Hibbing Fire - Benefit Salary.
Hibbing Police - Benefit Salary.
Red Wing Fire - Actual Salary.
Red Wing Police - Benefit Salary.
Richfield Police - Base Salary.
Fridley Police - Benefit Salary.

RETIREMENT

Normal Retirement Benefit:

Eligibility:

Albert Lea Fire Age 50 and 20 years of Allowable Service.

Albert Lea Police Age 50 and 20 years or age 57 and 10 years of

Allowable Service.

Anoka Police Age 50 and 20 years of Allowable Service.

Austin Police Age 50 and 20 years of Allowable Service.

Bloomington Police Age 50 and 20 years of Allowable Service.

Brainerd Police Age 50 and 20 years of Allowable Service.

Buhl Police Age 50 and 20 years of Allowable Service.

Chisholm Fire Age 55 and 20 years of Allowable Service.

Chisholm Police Age 55 and 20 years of Allowable Service.

Columbia Heights Fire Age 50 and 20 years of Allowable Service.

Columbia Heights Police Age 50 and 20 years of Allowable Service.

Crookston Fire Age 60 and 20 years of Allowable Service.

Crystal Police Age 50 and 20 years of Allowable Service.

Duluth Fire Age 50 and 20 years of Allowable Service.

Duluth Police Age 50 and 5 years of Allowable Service.

Faribault Fire Age 50 and 20 years of Allowable Service.

Faribault Police Age 50 and 20 years of Allowable Service.

Fridley Police Age 50 and 10 years of Allowable Service.

Hibbing Fire Age 55 and 20 years of Allowable Service. Hibbing Police Age 55 and 20 years of Allowable Service. Mankato Fire Age 50 and 20 years of Allowable Service. New Ulm Police Age 50 and 20 years of Allowable Service. Red Wing Fire Age 50 and 20 years of Allowable Service. Red Wing Police Age 50 and 20 years of Allowable Service. Richfield Police Age 55 and 20 years of Allowable Service. Rochester Fire Age 55 and 20 years of Allowable Service or, if hired prior to July 1, 1969, age 50 and 20 years of Allowable Service. Rochester Police Age 55 and 20 years of Allowable Service or, if hired prior to July 1, 1969, age 50 and 20 years of Allowable Service. St. Cloud Fire Age 50 and 20 years of Allowable Service. St. Louis Park Fire Age 50 and 20 years of Allowable Service. St. Louis Park Police Age 50 and 20 years of Allowable Service. St. Paul Fire Age 50 and 20 years of Allowable Service. St. Paul Police Age 50 and 20 years of Allowable Service. South St. Paul Fire Age 50 and 20 years of Allowable Service. West St. Paul Fire Age 55 and 20 years of Allowable Service. West St. Paul Police Age 50 and 20 years of Allowable Service. Winona Fire Age 50 and 20 years of Allowable Service. Winona Police

Age 50 and 20 years of Allowable Service.

Amount:

Albert Lea Fire 2.5% of Benefit Salary for each of the first 20

years of Allowable Service plus 1% of Benefit Salary for each year in excess of 20 years. In addition, 1/2% of Benefit Salary is added for each

year of service in excess of 25 years.

Albert Lea Police 2.5% of Benefit Salary for each of the first 20

years of Allowable Service.

Anoka Police 2.5% of Benefit Salary for each of the first 20

years of Allowable Service.

Austin Police 2.5% of Benefit Salary for each of the first 20

years of Allowable Service. In addition, ½% of Benefit Salary for each year in excess of 25.

Bloomington Police 2.33% of Benefit Salary for each of the first 20

years of Allowable Service plus 1.33% of Benefit Salary for each year in excess of 20 years of

Allowable Service up to 27.

Brainerd Police 50% of Benefit Salary.

Buhl Police 4.25% of Benefit Salary for each of the first 20

years of Allowable Service and \$120 per year for each year of Allowable Service in excess of 20 years of Allowable Service but no more than 25

years of Allowable Service.

Chisholm Fire 50% of Benefit Salary, plus \$60 per year for each

year of service in excess of 20, not to exceed \$300, plus 1/2% of Benefit Salary for each year

of service in excess of 25 years.

Chisholm Police 50% of Benefit Salary, plus \$60 per year for each

year of service in excess of 20, not to exceed \$300, plus 1/2% of Benefit Salary for each year

of service in excess of 25 years.

Columbia Heights Fire

43.75% of Benefit Salary plus 1.25% of Benefit Salary for each year of service in excess of 20 years of Benefit Service up to 30. In addition, ½% of Benefit Salary for each year over 25.

Columbia Heights Police

43.75% of Benefit Salary plus 1.25% of Benefit Salary for each year of service in excess of 20 years of Benefit Service up to 25. In addition, ½% of Benefit Salary for each year over 25.

Crookston Fire

50% of Benefit Salary plus 1.5% of Benefit Salary for each year of service after age 60.

Crystal Police

45% of Benefit Salary plus 1.25% of Benefit Salary for each year of service in excess of 20 up to a maximum 53.75% of Benefit Salary for 27 or more years of service.

Duluth Fire

39.8125% of Benefit Salary plus 1.25% of Benefit Salary for the 21st year plus 2.5% of Benefit Salary for each year in excess of 21 up to a maximum of 51.0625% of Benefit Salary for 25 or more years of service.

Duluth Police

1.9875% of Benefit Salary for each of the first 20 years of Allowable Service, 1.25% of Benefit Salary for the 21st year of Allowable Service, and 2.5% of Benefit Salary for each year of Allowable Service in excess of 21 years but not more than 25 years of Allowable Service.

Faribault Fire

51.4% of Benefit Salary.

Faribault Police

50% of Benefit Salary.

Fridley Police

2% of Benefit Salary for each of first 10 years of Allowable Service and 2.67% of Benefit Salary for each year in excess of 10 but less than 20 and 1.33% for service in excess of 20 years up to 27

years.

Hibbing Fire 2.65% of Benefit Salary for each of the first 20

years of Allowable Service and \$120 per year for each year of Allowable Service in excess of 20

years but no more than 25 years.

Hibbing Police 2.65% of Benefit Salary for each of the first 20

years of Allowable Service and \$120 per year for each of Allowable Service in excess of 20 years

but no more than 25 years.

Mankato Fire 50% of Benefit Salary, plus \$30 per year for each

year of service in excess of 20 years, not to

exceed \$300.

New Ulm Police 50% of Benefit Salary not less than 40% of the

salary for highest salaried Patrolman. In

addition, ½% of Benefit Salary for each year of service in excess of 20 up to 23. Supplemental benefit of \$80 per month is paid to age 65.

Red Wing Fire 2.0% of Benefit Salary for each of the first 25

years of Allowable Service and 1.0% of Benefit Salary for each year of Allowable Service in ex-

cess of 25 years.

Red Wing Police 2.5% of Benefit Salary for each of the first 20

years of Allowable Service.

Richfield Police 2.4% of Benefit Salary in excess of first 20 years

of Allowable Service, 1.333% of Benefit Salary for each year of Allowable Service in excess of

20 years but not in excess of 27 year.

Rochester Fire 46.67% of Benefit Salary plus 1.33% of Benefit

Salary for each year of service in excess of 20 up to seven years plus .5% of Benefit Salary for

each year of service in excess of 25.

Rochester Police 2.333% of Benefit Salary for each of the first 20

years of Allowable Service, 1.333% of Benefit Salary for each year of Allowable Service in excess of 20 years but not in excess of 27 years and

0.5% of Benefit Salary for each year of Allowable Service in excess of 25 years. St. Cloud Fire 2.333% of Benefit Salary for each of the first 20 years of Allowable Service, 1.333% of Benefit Salary for each year of Allowable Service in excess of 20 years but not in excess of 27 years and 0.5% of Benefit Salary for each year of Allowable Service in excess of 25 years. St. Louis Park Fire 2.6% of Benefit Salary for each of the first 20 years of Allowable Service and 1.0% of Benefit Service for each year of Allowable Service in excess of 20 years but not more than 30 years. If Members had 20 or more years of Allowable Service on June 16, 1985, the 2.6% in the above formula is replaced by 2.6175%. St. Louis Park Police 23.34% of Benefit Salary plus 1.33% of Benefit Salary for each year of service in excess of 10, up to 17 years. St. Paul Fire 38.75% of Benefit Salary plus 2.25% of Benefit Salary for each year of service in excess of 20 up to 25 years plus .5% of Benefit Salary for service in excess of 25 years. St. Paul Police 40% of Benefit Salary plus 2% of Benefit Salary for each year of service in excess of 20 up to 25. In addition, 1/2% of Benefit Salary for each year of service over 25. South St. Paul Fire 50% of Benefit Salary plus ½% of Benefit Salary for each year of service in excess of 25. West St. Paul Fire 2% of Benefit Salary for each of the first 20 years of Allowable Service; 1% of Allowable Service in excess of 20 years but not more than 24 years of Allowable Service; 3% of Benefit Salary for the 25th year of Allowable Service;

and 1% of Benefit Salary for each year of

than 30 years of Allowable Service.

Allowable Service in excess of 25 but not more

West St. Paul Police

50% of Benefit Salary.

Winona Fire

2.333% of Benefit Salary for each of the first 20 years of Allowable Service, 1.333% of Benefit Salary for each year of Allowable Service in excess of 20 years but not more than 28 years and 0.5% of Benefit Salary for each year of Allowable Service in excess of 25 years.

Winona Police

46.67% of Benefit Salary plus 1.33% of Benefit Salary for each year of service in excess of 20 up to seven years plus .5% of Benefit Salary for each year of service in excess of 25.

Form of Payment:

Life annuity.

Benefit Increases:

Albert Lea Fire

Same increase that pay to active firefighters is

increased.

Albert Lea Police

Same increase that Benefit Salary is increased.

Anoka Police

Same increase that Benefit Salary is increased.

Austin Police

Same increase that Benefit Salary is increased.

Bloomington Police

Same increase that Benefit Salary is increased.

Brainerd Police

Same increase that Benefit Salary is increased.

Buhl Police

3.5% if there is any increase in the salary base.

Chisholm Fire

3% per annum.

Chisholm Police

3% per annum.

Columbia Heights Fire

Same increase that Benefit Salary is increased.

Columbia Heights Police

Same increase that Benefit Salary is increased.

Crookston Fire

Same increase that Benefit Salary is increased.

Crystal Police Same increase that Benefit Salary is increased.

Duluth Fire Same increase that Benefit Salary is increased.

Duluth Police Same increase that Benefit Salary is increased.

Faribault Fire Same increase that Benefit Salary is increased.

Faribault Police One-half of the increase in Benefit Salary.

Fridley Police Same increase that Benefit Salary is increased

except for Members retiring with less than 20 years of service the maximum increase for any

one year is 3%.

Hibbing Fire One-half of the dollar amount that Benefit Salary

is increased.

Hibbing Police One-half of the dollar amount that Benefit Salary

is increase.

Mankato Fire Same increase that Benefit Salary is increased.

New Ulm Police Same increase that salary of highest salaried

Patrolman is increased.

Red Wing Fire Same increase as the Consumer Price Index has

increased over the preceding year.

Red Wing Police Same increase as the Consumer Price Index has

increased over the preceding year.

Richfield Police Same increase that Benefit Salary is increased.

Rochester Fire Same increase that Benefit Salary is increased.

Rochester Police Same increase that Benefit Salary is increased

unless employed after July 1, 1969; then increase is one-half of the dollar increase granted to Members employed prior to July 1, 1969. The additional benefit of 0.5% of Benefit Salary for each year of Allowable Service in excess of 25

years is not increased.

St. Cloud Fire Same increase that Benefit Salary is increased.

St. Louis Park Fire Same increase that Benefit Salary is increased.

St. Louis Park Police Same increase that Benefit Salary is increased.

St. Paul Fire Same increase that Benefit Salary is increased.

The additional benefit of 0.5% of Benefit Salary for each year of Allowable Service in excess of

25 years is not increased.

St. Paul Police Same increase that Benefit Salary is increased.

South St. Paul Fire Same increase that Benefit Salary is increased.

West St. Paul Fire Same increase that Benefit Salary is increased.

West St. Paul Police 3½% of Benefit Pay increases by at least that

much.

Winona Fire Same increase that Benefit Salary is increased.

The additional benefit of 0.5% of Benefit Salary for each year of Allowable Service in excess of

25 years is not increased.

Winona Police Same increase that Benefit Salary is increased.

DISABILITY

Duty Disability Benefit:

Eligibility: Not eligible for a retirement benefit and physi-

cally unfit to perform duties as a police officer or fire fighter as a direct result of an act of duty.

Amount:

Albert Lea Fire Same as regular retirement.

Albert Lea Police 50% of Benefit Salary.

Anoka Police The retirement benefit calculated using the Bene-

fit Salary as of the date of disability and the Allowable Service as of the date of disability with a minimum of 20 years of Allowable

Service. Payments cease at age 50.

Austin Police Same as retirement.

Bloomington Police 48% of Benefit Salary.

Brainerd Police 40% of Benefit Salary.

Buhl Police The retirement benefit calculated using the Bene-

fit Salary as of the date of disability and the Allowable Service as of the date of disability with a minimum of 20 years of Allowable

Service. Payments cease at age 50.

Chisholm Fire The retirement benefit assuming 20 years of

Service.

Chisholm Police The retirement benefit assuming 20 years of

Service.

Columbia Heights Fire 37.5% of Benefit Salary if less than 10 years of

service; 43.75% of Benefit Salary if more than 10 but less than 15 years of service; 50% of Benefit Salary if more than 15 years of service.

Columbia Heights Police 43.75% of Benefit Salary.

Crookston Fire 50% of Benefit Salary less amount of worker's

compensation being received.

Crystal Police 45% of Benefit Salary. If service exceeds 21

years, benefit is recomputed at an age and service

retirement at participant's age 50.

Duluth Fire 51.0625% of Benefit Salary.

Duluth Police The retirement benefit calculated using the Bene-

fit Salary as of the date of disability and the Allowable Service as of the date of disability

with a minimum of 20 years of Allowable

Service. Payments cease at age 50.

Faribault Fire 51.4% of Benefit Salary.

Faribault Police For service up to 6 years, 12.5% of Benefit

Salary. For each year of service in excess of 5 years, the percentage is increased by 2.5% to a

maximum of 50% of Benefit Salary.

Fridley Police 48% of Benefit Salary.

Hibbing Fire First Class Disability: An amount equal to the

amount which would be paid under Minnesota

Workers' Compensation laws.

Second Class Disability: 75% of First Class

Disability.

Third Class Disability: 50% of First Class Dis-

ability.

Hibbing Police \$1,440 per year.

Mankato Fire 50% of Benefit Salary.

New Ulm Police Same as regular retirement.

Red Wing Fire 40% of Benefit Salary if less than 20 years of

Allowable Service plus 25 of Benefit Salary for each year of Allowable Service in excess of 20

years but not more than 25 years.

Red Wing Police The retirement benefit calculated using the Bene-

fit Salary as of the date of disability and the Allowable Service as of the date of disability with a minimum of 20 years of Allowable

Service. Payments cease at age 50.

Richfield Police 48% of Benefit Salary.

Rochester Fire 48% of Benefit Salary.

Rochester Police An amount equal to 48% of the Benefit Salary.

St. Cloud Fire An amount equal to 48% of the Benefit Salary.

St. Louis Park Fire 50% of Benefit Salary if less than 20 years of

Allowable Service. If 20 or more years of Allowable Service, an amount equal to the retire-

ment benefit.

St. Louis Park Police 48% of Benefit Salary.

St. Paul Fire 50% of Benefit Salary.

St. Paul Police 40% of Benefit Salary.

South St. Paul Fire 50% of Benefit Salary.

West St. Paul Fire 40% of the Benefit Salary.

West St. Paul Police 40% of Benefit Salary.

Winona Fire 42.667% of Benefit Salary.

Winona Police 48% of Benefit Salary.

Non-Duty Disability Benefits:

Eligibility: Not eligible for a retirement benefit and physi-

cally unfit to perform duties as a police officer or fire fighter which did not arise as a direct result

of an act of duty.

Amount: Same as the Duty Disability Benefit. The fol-

lowing are exceptions:

Brainerd Police - Less than 10 years of service, 30% of Benefit Salary. More than 10 years of

service, 40% of Benefit Salary.

Red Wing Fire - 2% of Benefit Salary for each year of Allowable Service with a minimum of 10% of Benefit Salary and a maximum of 40% of

Benefit Salary.

Duluth Fire - Between 39.8125% and 51.0625% of Benefit Salary as determined by the Board.

St. Paul Police - After 5 years of service, 10% of Benefit Salary plus 25 of Benefit Salary for each

year of service in excess of 5 up to 20.

Form of Payment: Same as for retirement.

Benefit Increases: Same as for retirement.

Retirement Benefits:

Eligibility: Age 50 and continued disability. The following

are exceptions:

Chisholm Fire - Age 55 and continued disability.

Chisholm Police - Age 55 and continued disabili-

ty.

Crookston Fire - Age 60 and continued disability.

Hibbing Fire - Age 55 and continued disability.

Hibbing Police - Age 55 and continued disability.

Richfield Police - Age 55 and continued disability.

West St. Paul Fire - Age 55 and continued disability.

Amount: The larger of the disability benefit paid before

Eligibility or the retirement benefit available at

Eligibility.

Benefit Increases: Same as for retirement.

DEATH

Surviving Spouse Benefit:

Eligibility: Any active, retired, disabled or deferred Member

with surviving spouse.

Amount:

Albert Lea Fire 30% of Benefit Salary.

Albert Lea Police 30% of Benefit Salary.

Anoka Police 30% of Benefit Salary.

Austin Police 30% of Benefit Salary.

Bloomington Police 27.33% of Benefit Salary.

Brainerd Police 30% of Benefit Salary.

Buhl Police 72.25% of Benefit Salary.

Chisholm Fire Greater of 25% of Benefit Salary or 50% of Benefit

Due Member.

Chisholm Police Greater of 25% of Benefit Salary or 50% of Benefit

Due Member.

Columbia Heights Fire 40% of Benefit Salary.

Columbia Heights Police 23 of the Benefit that the member would have

received if he had retired with at least 20 years of

service.

Crookston Fire Greater of \$3,600 per year or 50% of Benefit Due

Member.

Crystal Police 23.75% of Benefit Salary.

Duluth Fire 25% of Benefit Salary.

Duluth Police 25% of Benefit Salary.

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Faribault Fire 30% of Benefit Salary.

Faribault Police \$1,200 per year. A designated beneficiary will be

eligible for a lump sum death benefit for a member who dies at age 75 or later equal to \$6,400 or before

age 75 equal to \$32,000.

Fridley Police 24% of Benefit Salary.

Hibbing Fire 30% of Benefit Salary.

Hibbing Police 30% of Benefit Salary.

Mankato Fire 60% of Benefit Due Member.

New Ulm Police 40% of salary of highest salaried Patrolman.

Red Wing Fire 25% of Benefit Salary.

Red Wing Police Equal to the service pension of disability person.

Richfield Police 24% of Benefit Salary.

Rochester Fire 24% of Benefit Salary.

Rochester Police 24% of Benefit Salary.

St. Cloud Fire 32% of Benefit Salary.

St. Louis Park Fire 40% of Benefit Salary if former Member had at

least 20 years of Allowable Service. If less than 20 years of Allowable Service, a prorata portion of

40% of the Benefit Salary.

St. Louis Park Police 26.67% of Benefit Salary.

St. Paul Fire 27.5% of Benefit Salary.

St. Paul Police 27.5% of Benefit Salary.

South St. Paul Fire 27% of Benefit Salary.

West St. Paul Fire

30% of the Benefit Salary.

West St. Paul Police

25% of Benefit Salary.

Winona Fire

24% of Benefit Salary.

Winona Police

24% of Benefit Salary.

Benefit Increases:

Same as retirement. The following are exceptions:

Buhl Police - None

Faribault Police - None

Hibbing Fire - None

Hibbing Police - None

Surviving Dependent Child Benefit:

Eligibility:

Any active, deferred, retired or disabled Member with a child younger than age 18. The following are exceptions:

Buhl Police - Any active, deferred, retired or disabled Member with a child younger than age 18, or if the child is a full-time student, younger than age 22.

Chisholm Fire - Any active, deferred, retired or disabled Member with a child younger than age 16.

Chisholm Police - Any active, deferred, retired or disabled Member with a child younger than age 16.

Duluth Police - Any active, deferred, retired or disabled Member with a child younger than age 18, or if the child is a full-time student, younger than age 22.

Hibbing Police - Any active, deferred, retired or disabled Member with a child younger than age 16.

Amount:

Albert Lea Fire 10% of Benefit Salary per child; maximum of 20%

if spouse is receiving benefits, 50% if not.

Albert Lea Police 10% of Base Salary.

Anoka Police \$25 per month.

Austin Police \$300 per child. Maximum Family Benefit is 50%

of Benefit Salary.

Bloomington Police 8% of Benefit Salary per child up to 24% if spouse

is receiving benefits, 48% if not.

Brainerd Police 4% of Benefit Salary per child. Children's

maximum is 20% of Benefit Salary.

Buhl Police \$1,500 per year if surviving spouse benefit is

payable. If no surviving spouse benefit is payable, then surviving spouse benefit is payable divided in

equal shares to all surviving children.

Chisholm Fire \$1,500 per year.

Chisholm Police \$1,500 per year.

Columbia Heights Fire 5% of Benefit Salary per child up to 10% if spouse

is receiving benefits, 15% if not.

Columbia Heights Police \$600 per year per child.

Crookston Fire \$180 per child per year up to \$1,260 if spouse is

living or \$1,080 if spouse is dead.

Crystal Police 7.5% of Benefit Salary per child up to 22.5% if

spouse is living; 45% if spouse is dead.

Duluth Fire 10% of Benefit Salary per child. Maximum family

benefit is 50% of Benefit Salary.

Duluth Police 10% of Benefit Salary.

Faribault Fire 10% of Benefit Salary.

Faribault Police \$300 per child per year. Children's maximum is

\$1,500 per year.

Fridley Police 8% of Benefit Salary per child up to 24% if spouse

is receiving benefits, 48% if not.

Hibbing Fire 10% of Benefit Salary.

Hibbing Police 10% of Benefit Salary.

Mankato Fire 12.5% of Benefit Due Member.

New Ulm Police \$300 per year per child.

Red Wing Fire 8% of Benefit Salary.

Red Wing Police Determined by Board of Directors upon remarriage

of spouse.

Richfield Police 8% of Benefit Salary.

Rochester Fire 8% of Benefit Salary.

Rochester Police 8% of Benefit Salary.

St. Cloud Fire 5.3334% of Benefit Salary.

St. Louis Park Fire 5% of Benefit Salary.

St. Louis Park Police 5% of Benefit Salary.

St. Paul Fire 10% of Benefit Salary per child. Family maximum

is 57.5% of Benefit Salary.

St. Paul Police 5% of Benefit Salary.

South St. Paul Fire 8% of Benefit Salary per child. Family maximum

is 50% of Benefit Salary.

West St. Paul Fire 5% of the Benefit Salary.

West St. Paul Police

\$180 per child up to \$360. If spouse is not

receiving benefits, \$900 is paid.

Winona Fire

8% of Benefit Salary.

Winona Police

8% of Benefit Salary.

Benefit Increases:

Same as retirement. The following are exceptions:

Anoka Police - None
Buhl Police - None
Faribault Police - None
Hibbing Fire - None
Hibbing Police - None
Red Wing Police - None

TERMINATION

Refund of Contributions:

Eligibility:

Termination of public service and not eligible for

any other benefits.

Amount:

Member's accumulated contributions without inter-

est. The following are exceptions:

Bloomington Police - 75% of the Member's accumulated contribution without interest.

Duluth Police - No refunds.

Fridley Police - 75% of the Member's accumulated

contribution without interest.

Rochester Police - 75% of the Member's accumu-

lated contributions without interest.

Richfield Police - 75% of the Member's accumu-

lated contributions without interest.

St. Paul Fire - No refunds.

St. Paul Police - No refunds.

Winona Fire - 75% of the Member's accumulated contributions without interest.

Deferred Annuity:

Eligibility:

Any active Member with sufficient Allowable Service for the retirement benefit, but does not meet the age requirement for the retirement benefit. The following are exceptions:

Duluth Fire - Prior to age 50 with five years of Allowable Service.

St. Louis Park Fire - Prior to age 50 with minimum of 10 years of Allowable Service.

St. Paul Fire - Prior to age 50.

West St. Paul Police - 10 years of service.

The amount calculated under the retirement benefit using the Allowable Service and Benefit Salary as of date of termination. The following are exceptions:

Bloomington Police - The amount calculated under the retirement benefit using the Allowable Service and Benefit Salary as of date of termination. Benefit cannot exceed 56% of Benefit Salary.

Crystal Police - The amount calculated under the retirement benefit using the Allowable Service and Benefit Salary as of date of termination. Benefit cannot exceed 50% of Benefit Salary.

Fridley Police - The amount calculated under the retirement benefit using the Allowable Service and Benefit Salary as of date of termination. Benefit cannot exceed 53.3333% of Benefit Salary.

St. Cloud Fire - The amount calculated under the retirement benefit using the Allowable Service and Benefit Salary as of date of termination. Benefit cannot exceed 53.3333% of Benefit Salary.

Amount:

St. Paul Fire - 1.25% of Benefit Salary for each year of Benefit Service.

West St. Paul Fire - For the first 20 years of Allowable Service, 0.5% of Benefit Salary for each year of Allowable Service rendered before October 1, 1965; 2% of Benefit Salary for each year of Allowable Service rendered after September 30, 1965; and 1% of Benefit Salary for each year of Allowable Service in excess of 20 years but not more than 52% of Benefit Salary.

Winona Fire - The amount calculated under the retirement benefit using the Allowable Service and Benefit Salary as of date of termination. Benefit cannot exceed 50.6667% of Benefit Salary.

Benefit Increases:

Same as retirement. The following are exceptions:

Red Wing Police - None

ALBERT LEA FIRE CONSOLIDATION ACCOUNT ACTIVE MEMBERS AS OF JUNE 30, 1996

Years	of Se	wire
I CAIS	ULOU	TYICE

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	10-14	<u>15-19</u>	20-24	<u>25-29</u>	30+ <u>ALL</u>
<25	0	0	0	0	0	0	0	0 0
25-29	0	0	0	0	0	0	0	0 0
30-34	0	0	0	0	0	0	0	0 0
35-39	0	0	0	0	0	0	0	0 0
40-44	0	0	0	0	1	0	0	0 1
45-49	0	0	0	0	1	0	0	0 1
50-54	0	0	0	0	1	1	1	1 4
55-59	0	0	0	0	0	1	1	3
60-64	0	0	0	0	0	0	0	2 2
65+	0	0	0	0	0	0	0	0 0
ATT	0	0	0	0	3,-	2	2	6 13

AVERAGE ANNUAL EARNINGS

Years of Service

<u>Age</u>	<u>≤1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	<u>20-24</u>	25-29	<u>30+</u>	<u>ALL</u>
<25	0	0	0	0	0	0	0	0	0
25-29	0	0	0	0	0	0	0	0	0
30-34	0	0	0	0	0	0	0	0	0
35-39	0	0	0	0	0	0	0	0	0
40-44	0	0	0	0	40,880	0	0	0	40,880
45-49	0	0	0	0	35,871	0	0	0	35,871
50-54	0	0	0	0	36,119	37,767	36,986	43,627	38,625
55-59	0	0	0	0	0	35,809	37,502	41,611	39,629
60-64	0	0	0	0	0	0	0	48,688	48,688
65+	0	0	0	0	0	0	0	0	0
ALL	0	0	0	. 0	37,623	36,788	37,244	44,306	40,520

PRIOR FISCAL YEAR EARNINGS (IN DOLLARS) BY YEARS OF SERVICE

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	15-19	20-24	25-29	30+	ALL
All	0	0	0	0	112,869	73,576	74,488	00000 00000000 000000	<u></u> 526,760

ALBERT LEA FIRE CONSOLIDATION ACCOUNT

SERVICE RETIREMENTS AS OF JUNE 30, 1996

YEARS RETIRED

Age	<u><1</u>	<u>1-4</u>	<u>5-9</u>	10-14	<u>15-19</u>	20-24	25+	ALL
<50	0	0	0	0	0	0	0	0
50-54	0	1	0	0	0	0	0	1
55-59	0	3	0	0	0	0	0	7
60-64	0	0	0	0	0	0	Ŏ	0
65-69	0	0	0	2	2	0	0	4
70-74	0	0	0	3	0	1	0	4
75-79	0	0	0	0	0	0	0	0
80-84	0	0	0	0	0	o	0	0
85+	0	0	0	0	0	0	0	Ō
ALL	0	. 4	0	5	2	1	0	12

AVERAGE ANNUAL BENEFIT

YEARS RETIRED

<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	<u>20-24</u>	<u>25+</u>	ALL
<50	0	0	0	0	0	0	0	0
50-54	0	26,711	0	0	0	0	0	26,711
55-59	0	23,482	0	0	0	0	0	23,482
60-64	0	0	0	0	0	0	0	0
65-69	0	0	0	24,455	22,373	0	0	23,414
70-74	0	0	0	30,318	0	19,321	0	27,569
75-79	0	0	0	0	0	0	0	0
80-84	0	0	0	0	0	0	0	0
85+	0	0	0	0	0	0	0	0
ALL	0	24,289	0	27,973	22,373	19,321	0	25,091
	A CONTRACTOR OF CONTRACTOR	 A A A A A A A A A A A A A A A A A A A	State and the state of the second of the sec	 ************************************	\$6,68,666 a.c. 65 a.c. 65,685 a.c. 65,685	and the state of t	the Contract of the Contract o	and the second s

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS RETIRED

<u>Age</u>	<u>≤1</u>	<u>1-4</u>	<u>5-9</u>	10-14	15-19	20-24	25+	ALL
47 HZ 2 HA 13	Contract the first section of the con-	san province and trace about a contract of	(a	*** *** ***				10.0000 10.000
All	0	97,156	0	139,865	44,746	19,321	0	301,092

ALBERT LEA FIRE CONSOLIDATION ACCOUNT

SURVIVORS AS OF JUNE 30, 1996

YEARS SINCE DEATH

					OL DERRIE			
<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	10-14	<u>15-19</u>	20-24	25+	ALL
<50	0	0	0	0	0	0		0
50-54	0	0	0	0	0	0	Ö	0
55-59	0	0	0	0	0	0	0	0
60-64	0	0	0	0	1	0	Ö	ĺ
65-69	0	0	0	0	0	0	0	0
70-74	0	0	0	0	1	1	0	2
75-79	0	0	0	0	0	0	1	1
80-84	0	0	0	0	0	0	1	Ī
85+	0	0	0	0	0	0	1	1
ALL	0	0	0	0	2	1	3	6

AVERAGE ANNUAL BENEFIT

YEARS SINCE DEATH

<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	25+	ALL
<50	0	0	0	0	0	0	0	0
50-54	0	0	0	0	0	0	ō	0
55-59	0	0	0	0	0	0	0	0
60-64	0	0	0	0	11,930	0	0	11,930
65-69	0	0	0	0	0	0	0	0
70-74	0	0	0	0	12,772	11,798	0	12,285
75 -79	0	0	0	0	0	0	12,434	12,434
80-84	0	0	0	0	0	0	10,515	10,515
85+	0	0	0	0	0	0	11,856	11,856
ÁLL	0	0	0	0	12,351	11,798	11,602	11,884

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS SINCE DEATH

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	<u>20-24</u>	<u>25+</u>	ALL
All	0	0	0		24,702	11,798	34,806	71,304

ALBERT LEA FIRE CONSOLIDATION ACCOUNT

DISABILITY RETIREMENTS AS OF JUNE 30, 1996

YEARS DISABLED

	والمراجع والمستنق الأكسان						
<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	25+ <u>ALL</u>
<50	0	0	0	0	0	0	0 0
50-54	0	0	0	0	0	0	0 0
55-59	0	0	0	0	0	0	0 0
60-64	0	0	0	0	0	0	0 0
65-69	0	0	0	0	0	0	0 0
70-74	0	0	0	0	0	0	0 0
75-79	0	0	0	0	0	0	0 0
80-84	0	0	0	0	0	0	0 0
85+	0	0	0	0	0	0	0 0
ALL	0	0	0	0	0	0	0 0

AVERAGE ANNUAL BENEFIT

YEARS DISABLED

Age	<u>≤1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	<u>20-24</u>	<u>25+</u> <u>ALL</u>	,see a
<50	0	0	0	0	0	0	0 0)
50-54	0	0	0	0	0	0	0 0)
55-59	0	0	0	0	0	0	0 0) }
60-64	0	0	0	0	0	0	0 0)
65-69	0	0	0	0	0	0	0 0)
70-74	0	0	0	0	0	0	0 0)
75-79	0	0	0	0	0	0	0 0	
80-84	0	0	0	0	0	0	0 0)
85+	0	0	0	0	0	0	0 0)
ALL	0	0	0	0	0	0	0 0)

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS DISABLED

<u>Age</u>	<u><1</u>	1-4	5-9	10-14	15-19	20-24	25+	ALL
All	·Λ	0	0	0	0	0		0

Reconciliation Of Members

			Terminated			
		Actives	Deferred Retirement	Other Non-Vested		
A.	ON JUNE 30, 1995	13	0	0		
В.	ADDITIONS	0	0	0		
C.	DELETIONS 1. Service Retirement	0	0	0		
	2. Disability3. Death-Survivor	0	0	0		
	4. Death-Other	0	0	0		
	5. Terminated - Deferred	0	0	0		
	6. Terminated - Befund	0	0	0		
	7. Terminated - Other Non-Vested	0	0	0		
	8. Returned as Active	0	0	0		
D.	DATA ADJUSTMENTS	0	0	0		
	Vested	13		-		
	Non-Vested	0				
E.	TOTAL ON JUNE 30, 1996	13	0	0		
			Recipients			
		Retirement Annuitants	Disabled	Survivors		
A.	ON JUNE 30, 1995	13	0	5		
В.	ADDITIONS	0	0	1		
C.	DELETIONS 1. Service Retirement	•	•			
	2. Death	0	0	0		
	3. Annuity Expired	(1) 0	0	0		
	4. Returned as Active	0	0	0		
D.	DATA ADJUSTMENTS	0	0	0		
E.	TOTAL ON JUNE 30, 1996	12	0	6		

Actuarial Balance Sheet

(actual dollars)

JULY 1, 1996

A.	CURRENT ASSETS (1.71% of Table 1, F6)		\$12,882,931
B.	EXPECTED FUTURE ASSETS		
	 Present Value of Employee Contributions Present Value of Regular Municipal Contributions Present Value of Additional Municipal Contributions Total Expected Future Assets 		\$169,206 253,808 (3,658,063) (\$3,235,049)
C.	TOTAL CURRENT AND EXPECTED FUTURE ASSETS		\$9,647,882
D.	CURRENT PENSION BENEFIT OBLIGATIONS		
	Retirees and Beneficiaries Currently Receiving Benefits and Terminated Employees Not Yet Receiving Benefits		\$4,226,194
	2. Current Employees		
	 a. Accumulated Employee Contributions Including Allocated Investment Income* b. Employer-Financed Vested c. Employer-Financed Nonvested d. Total 	\$575,222 3,670,469 491,041	\$4,736,732
	3. Total Pension Benefit Obligation		\$8,962,926
E.	EXPECTED FUTURE PENSION BENEFIT OBLIGATION		\$684,956
F.	TOTAL CURRENT AND EXPECTED FUTURE PENSION BENEFIT OBLIGATION		\$9,647,882
G.	CURRENT UNFUNDED ACTUARIAL LIABILITY (D3-A)		(\$3,920,005)
H.	CURRENT AND FUTURE UNFUNDED ACTUARIAL LIAB	ILITY (F-C)	\$0
*Es	timated		

Entry Age Normal Cost Calculations

(actual dollars)

JULY 1, 1996

	DETERMINATION OF A CITY A DAVIS	Number of Participants	Present Value of Projected Benefits	Actuarial Accrued Liabilities
A.	DETERMINATION OF ACTUARIAL ACCRUED LIABILITY (AAL)			
	1. Active Members			
	a. Elected PERA Police and Fire	6	\$2,060,290	\$1,784,807
	b. No Election (Greater Value)	7	3,361,398	3,138,578
	c. Total	13	\$5,421,688	\$4,923,385
	2. Former Members			
	a. Elected PERA Police and Fire	0	0	\$0
	b. No Election (Greater Value)	0	0	0
	c. Total	0	\$0	\$0
	3. Benefit Recipients			
	a. Elected PERA Police and Fire*	18	\$4,226,194	\$4,226,194
	b. Elected Relief Association	0	0	0
	c. Total	18	\$4,226,194	\$4,226,194
	4. Total			
	a. Elected PERA Police and Fire*	24	\$6,286,484	\$6,011,001
	b. Elected Relief Association	0	0	0
	c. No Election (Greater Value)	7_	3,361,398	3,138,578
	d. Total	31_	\$9,647,882	\$9,149,579
В.	DETERMINATION OF UNFUNDED A	CTUARIAL ACC	RUED LIABILITY	(UAAL)
	1. AAL (A4)			\$9,149,579
	2. Current Assets (1.71% of Table 1,F6)			12,882,931
	3. UAAL (B1-B2)			(\$3,733,352)
C.	NORMAL COST			\$128,043

^{*} Includes MPRIF Reserves of \$4,069,787

Net Actuarial Loss (Gain) (actual dollars)

JULY 1, 1996

A.	ACTUARIAL PRESENT VALUE OF PROJECTED BENEFITS (Table 9-165) 1. Elected PERA Police and Fire 2. Elected Relief Association 3. No Election (Greater Value) 4. Total	\$6,286,484 0 3,361,398 \$9,647,882
B.	PRESENT VALUE OF FUTURE EMPLOYEE CONTRIBUTIONS 1. Elected PERA Police and Fire	#112 2A1
	2. No Election (Greater Value)	\$112,301
	3. Total	\$56,905
	- Total	\$169,206
C	PRESENT VALUE OF FUTURE REGULAR MUNICIPAL CONTRIBUTIONS	
v.	1. Elected PERA Police and Fire	
	2. No Election (Greater Value)	\$168,451
	3. Total	\$85,357
	5. Total	\$253,808
D.	CURRENT VALUE OF TOTAL ASSETS (1.71% of Table 1, F6)	\$12,882,931
E.	PRESENT VALUE OF FUTURE ADDITIONAL MUNICIPAL CONTRIBUTION	NS.
	1. Initial contribution - Amortized Through December 31, 2010	\$193,508
	2. 15 year amortization of prior years' loss (gain)	(2,741,660)
	(Table 11, B.2.b + B.2.c + B.2.d + B.2.e+B.2.f + B.2.g + B.2.h)	(2,741,000)
	3. Total	(\$2,548,152)
	-	(\$2,546,152)
F.	LOSS (GAIN) [A-B-C-D-E]	(\$1,109,911)
		
G.	ANALYSIS OF LOSS (GAIN)	
	1. MPRIF Mortality	(\$51,273)
	2. PERA Benefit Election	0
	3. Additional Contributions Made	(313,815)
	4. Other	(744,823)
	5. Total	(\$1,109,911)
	. =	
H.	15 YEAR AMORTIZATION OF LOSS (GAIN)	(128,314)

Determination of Statutory Contributions

(actual dollars)

JULY 1, 1996

				Percent of Payroll	Dollar Amount
A.	EMPLOYE	EE CONTRIBUTIONS		7.60%	\$40,035 *
B.		ER CONTRIBUTIONS justment For State Aid)			
	1. Regular	municipal contribution		11.40%	\$60,052 *
	2. Addition	nal municipal contribution			
		Date	Current	Last	Payment
		Established	Balance	Payment	Amount**
	a.	Initial	\$193,508	12/31/2010	\$22,371
	b.	07/01/88	\$0	12/31/2002	\$0
	c.	07/01/89	\$0	12/31/2003	\$0
	d.	07/01/90	\$0	12/31/2004	\$0
	e.	07/01/91	\$0	12/31/2005	\$0
	f.	07/01/92	\$0	12/31/2006	\$0
	g.	07/01/93	\$0	12/31/2007	\$0
	h.	07/01/94	(\$1,526,325)	12/31/2008	(\$190,525)
	i.	07/01/95	(\$1,215,335)	12/31/2009	(\$145,661)
	j.	07/01/96	(\$1,109,911)	12/31/2010	(\$128,314)
	k.	Total	(\$3,658,063)		(\$442,129)

C. ESTIMATED TOTAL STATUTORY CONTRIBUTION

(\$342,042)

^{*} Estimated based on prior years' payroll

^{**} Contribution is assumed to be paid on December 31, 1996

ALBERT LEA POLICE CONSOLIDATION ACCOUNT <u>ACTIVE MEMBERS AS OF JUNE 30, 1996</u>

•				Yea	ars of Servi	ce			
<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	10-14	15-19	20-24	25-29	30+	ALL
<25	0	0	0	0	0	0			
25-29	0	0	0	0	0	ŏ	0	0	0
30-34	0	0	0	0	0	0	0	0	0
35-39	0	0	0	0	0	0	0	Ö	Ö
40-44	0	0	0	0	2	0	0	0	2
45-49	0	0	0	0	0	4	1	0	5
50-54	0	0	0	0	0	1	0	1	2
55-59	0	0	0	0	0	0	0	0	0
60-64	0	0	0	0	0	0	0	0	0
65+	0	0	0	0	0	. 0	0	0	Õ
ALL	0	0	0	0	2	5	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	. 1	Q

AVERAGE ANNUAL EARNINGS

				Yea	ars of Servi	ce			
Age	<u>≤1</u>	1-4	<u>5-9</u>	10-14	<u>15-19</u>	20-24	25-29	30+	ALL
<25	0	0	0	0	0	0	0	0	
25-29	0	0	0	0	0	0	0	ő	0
30-34	0	0	0	0	0	0	0	0	0
35-39	0	0	0	0	0	0	0	Ŏ	Ŏ
40-44	0	0	0	0	40,302	0	0	0	40,302
45-49	0	0	0	0	0	43,681	38,464	0	42,638
50-54	0	0	0	0	0	48,050	0	42,800	45,425
55-59	0	0	0	0	0	0	0	0	0
60-64	0	0	0	0	0	0	0	0	0
65+	0	0	0	0	0	0	0	0	0
ALL	0	0	0	0	40,302	44,555	38,464	42,800	42,738

	P	RIOR FISC	AL YEAI	R EARNING	S (IN DOL	LARS) BY	YEARS OF	SERVI	CE
Age	<u><1</u>	1-4	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	25-29	30+	ALL
All	0	0	0	0	80,604	222,775	38,464	42,80	0 384,642

ALBERT LEA POLICE CONSOLIDATION ACCOUNT

SERVICE RETIREMENTS AS OF JUNE 30, 1996

YEARS RETIRED

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	<u>20-24</u>	25+ ALL
<50	0	0	0	0	0	0	0 0
50-54	1	2	1	0	0	0	0 4
55-59	0	1	2	0	2	0	
	U	1	4	v	J	U	U 6
60-64	0	0	0	3	0	0	1 4
65-69	0	1	0	1	٥	0	0
	Ī	-	•	•	U	U	0 2
70-74	0	0	0	1	0	1	1 3
75 70	^	•		•	_		
75-79	U	U	U	0	0	0	0 0
80-84	٥	0	Δ	Δ	0	1	
	v	v	v	U	U	1	1 2
85+	0	0	0	0	0	0	0 0
10.00	11 N 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ayaya burahan M	Fotom AS En		Grand Street 1986	gaige and the termination of the	
ALL		4	3	5	3	2	3 21
5 5 5 5 TO 10 TO 1	and the second section and the second sections of the second section and the second section sections and the second section sections are second sections as the second section	and the first of the first section of	eres de la estada de la companya de	요 하나 나를 하는 것이 되었다.			입으로 보고 있는 물살살이 하나라는 다 속도하다.

AVERAGE ANNUAL BENEFIT

YEARS RETIRED

<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	10-14	<u>15-19</u>	<u>20-24</u>	<u>25+</u>	ALL
<50	0	0	0	0	0	0	0	0
50-54	27,415	18,136	22,134	0	0	0	0	21,455
55-59	0	40,194	19,665	0	20,923	0	0	23,716
60-64	0	0	0	20,923	0	0	7,657	17,607
65-69	0	21,738	0	18,407	0	0	0	20,073
70-74	0	0	0	18,407	0	20,923	5,414	14,915
75-79	0	0	0	0	0	0	0	0
80-84	0	0	0	0	0	20,923	4,024	12,474
85+	0	0	0	0	0	0	0	0
ALL	27,415	24,551	20,488	19,917	20,923	20,923	5,698	19,447

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS RETIRED

<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	10-14	15-19	20-24	25+	ALL
Ail	27,415	98,204	61,464	99,585	62,769	41,846	17,094	408,387

ALBERT LEA POLICE CONSOLIDATION ACCOUNT

SURVIVORS AS OF JUNE 30, 1996

YEARS SINCE DEATH

Age	<u><1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	15-19	20-24	<u>25+</u>	ALL
<50	0	0	0	0	0	0	0	0
50-54	0	0	0	0	0	0	0	0
55-59	0	0	0	1	0	0	0	
60-64	0	0	0	0	0	0	0	0
65-69	0	0	0	0	0	0	0	0
70-74	0	0	0	0	0	0	0	0
75-79	0	0	0	1	0	1	1	3
80-84	0	0	0	0	0	0	0	0
85+	0	0	0	0	0	1	0	1
ALL	0	0	0	2	0	2	1	5

AVERAGE ANNUAL BENEFIT

YEARS SINCE DEATH

Age	<u><1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	<u>20-24</u>	<u>25+</u>	<u>ALL</u>
<50	0	0	0	0	0	0	0	0
50-54	0	0	0	0	0	0	0	0
55-59	0	0	0	12,554	0	0	0	12,554
60-64	0	0	0	0	0	0	0	0
65-69	0	0	0	0	0	0	0	0
70-74	0	0	0	0	0	0	0	0
75-79	0	0	0	12,554	0	12,554	4,480	9,863
80-84	0	0	0	0	0	0	0	0
85+	0	0	0	0	0	1,305	0	1,305
ALL	0	0	0	12,554	0	6,930	4,480	8,690

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS SINCE DEATH

			_					
<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	10-14	15-19	20-24	25+	ALL
Ali	0	0	0	25,108	0	13,860	4,480	43,450

ALBERT LEA POLICE CONSOLIDATION ACCOUNT

DISABILITY RETIREMENTS AS OF JUNE 30, 1996

YEA	RS	DIS.	AR	LED	
-----	----	------	----	-----	--

<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	10-14	<u>15-19</u>	20-24	25+ ALL
<50	0	0	0	0	0	0	0 0
50-54	0	0	0	0	0	0	0 0
55-59	0	0	0	0	0	0	0 0
60-64	0	0	Ö	Ö	0	0	0 0
65-69	0	0	0	0	0	0	0
70-74	0	0	Õ	0	0	0	0 0
75-79	0	0	0	0	n	٥	0
80-84	0	0	Ō	ŏ	ő	0	0 0
85+	0	0	0	0	0	0	0 0
ALL	0	0	0	0	0	0	0 0

AVERAGE ANNUAL BENEFIT

YEARS DISABLED

Age	<u><1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	<u>25</u> + ALI	.
<50	0	0	0	0	0	0	0	n
50-54	0	0	0	0	0	0	0	Ŏ
55-59	0	0	0	0	0	٥	0	^
60-64	0	0	Ö	ő	o	0	0	0
65-69	0	0	0	0	0	n	O	A.
70-74	0	0	0	0	0	0	0	0
75-79	0	0	0	0	0	n	0	۸
80-84	0	0	0	ő	0	0	0	n .
85+	0	0	0	0	0	Ö	0	0
ALL	0	0	0	0	0	ń		
				y magazin wat nga j 🗸 Milijiyi.		alla sin basan tanggi 🕶 💆 da 🕸	ricania a della Unabbili di bili della di	U

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS DISABLED

						-,		
Age	<1	1-4	5-0	10.14	15.10	20.24	261	1000 mass fee do a fra m c ar coustaciones a con-
	www.rana	E	<u> </u>	10-14	13-19	<u> 20-24</u>	<u> 25+</u>	<u>ALL</u>
All	n A		0	Λ	Λ.			
110 0000 0000				$oldsymbol{U}$	084 A0840 (A U rius	 	\mathbf{U}	

Reconciliation Of Members

			Terminated			
			Deferred	Other		
		Actives	Retirement	Non-Vested		
A.	ON JUNE 30, 1995	10	1	0		
В.	ADDITIONS	0	0	0		
C.	DELETIONS					
	1. Service Retirement	(1)	0	0		
	2. Disability	O O	0	Ö		
	3. Death-Survivor	0	0	0		
	4. Death-Other	0	0	0		
	5. Terminated - Deferred	0	0	0		
	6. Terminated - Refund	0	0	0		
	7. Terminated - Other Non-Vested	0	0	0		
	8. Returned as Active	0	0	0		
D.	DATA ADJUSTMENTS	0	0	0		
	Vested	9				
	Non-Vested	Ó				
E.	TOTAL ON JUNE 30, 1996	9	1	0		
			Recipients			
		Retirement				
		Annuitants	Disabled	Survivors		
A.	ON JUNE 30, 1995	20	0	5		
В.	ADDITIONS	1	0	0		
C.	DELETIONS					
	1. Service Retirement	0	0	٨		
	2. Death	Ö	0	0		
	3. Annuity Expired	0	0	0		
	4. Returned as Active	0	0	ő		
D.	DATA ADJUSTMENTS	0	0	0		
E.	TOTAL ON JUNE 30, 1996	21	0	5		

Actuarial Balance Sheet

(actual dollars)

JULY 1, 1996

A.	CURRENT ASSETS (1.34% of Table 1, F6)	\$10,122,812	
В.	EXPECTED FUTURE ASSETS		
	 Present Value of Employee Contributions Present Value of Regular Municipal Contributions Present Value of Additional Municipal Contributions Total Expected Future Assets 		\$276,700 415,050 (1,301,924) (\$610,174)
C.	TOTAL CURRENT AND EXPECTED FUTURE ASSETS		\$9,512,638
D.	CURRENT PENSION BENEFIT OBLIGATIONS		
	1. Retirees and Beneficiaries Currently Receiving Benefits and Terminated Employees Not Yet Receiving Benefits		\$6,615,574
	2. Current Employees		
	 a. Accumulated Employee Contributions Including Allocated Investment Income* b. Employer-Financed Vested c. Employer-Financed Nonvested d. Total 	\$393,406 1,615,670 0	\$2,009,076
	3. Total Pension Benefit Obligation		\$8,624,650
E.	EXPECTED FUTURE PENSION BENEFIT OBLIGATION		\$887,988
F.	TOTAL CURRENT AND EXPECTED FUTURE PENSION BENEFIT OBLIGATION		\$9,512,638
G.	CURRENT UNFUNDED ACTUARIAL LIABILITY (D3-A)		(\$1,498,162)
H.	CURRENT AND FUTURE UNFUNDED ACTUARIAL LIABII	LITY (F-C)	\$0
*Es	timated		

Albert Lea Police Consolidation Account

Entry Age Normal Cost Calculations

(actual dollars)

A.	DETERMINATION OF ACTUARIAL ACCRUED LIABILITY (AAL)	Number of Participants	Present Value of Projected Benefits	Actuarial Accrued Liabilities
	ACCROED LIABILITY (AAL)			
	1. Active Members			
	a. Elected PERA Police and Fire	4	\$1,393,803	\$1,073,674
	b. No Election (Greater Value)	5	1,503,261	1,126,059
	c. Total	9	\$2,897,064	\$2,199,733
	2 7 36 1			
	2. Former Members	•	_	
	a. Elected PERA Police and Fire	0	0	\$0
	b. No Election (Greater Value)c. Total	1	148,597	148,597
	c. Total	1	\$148,597	\$148,597
	3. Benefit Recipients			
	a. Elected PERA Police and Fire*	21	\$4,709,996	£4.700.00 <i>c</i>
	b. Elected Relief Association	5	1,756,981	\$4,709,996
	c. Total		\$6,466,977	1,756,981 \$6,466,977
		20	Ψ0,+00,577	\$0, 4 00,777
	4. Total			
	a. Elected PERA Police and Fire*	25	\$6,103,799	\$5,783,670
	b. Elected Relief Association	5	1,756,981	1,756,981
	c. No Election (Greater Value)	6	1,651,858	1,274,656
	d. Total	36	\$9,512,638	\$8,815,307
_				
В.	DETERMINATION OF UNFUNDED A	CTUARIAL ACCI	RUED LIABILITY	(UAAL)
	1 AAT (AA)			
	1. AAL (A4) 2. Current Aggets (1.24% of Table 1.25)			\$8,815,307
	2. Current Assets (1.34% of Table 1,F6)			10,122,812
	3. UAAL (B1-B2)			(\$1.307.505)
	,			(\$1,307,505)
C.	NORMAL COST			\$78,991

^{*} Includes MPRIF Reserves of \$4,528,828

Albert Lea Police Consolidation Account

Net Actuarial Loss (Gain)

(actual dollars)

A.	ACTUARIAL PRESENT VALUE OF PROJECTED BENEFITS (Table 9-098) 1. Elected PERA Police and Fire 2. Elected Relief Association 3. No Election (Greater Value) 4. Total	\$6,103,799 1,756,981 1,651,858 \$9,512,638
В.	PRESENT VALUE OF FUTURE EMPLOYEE CONTRIBUTIONS	
	1. Elected PERA Police and Fire	\$129,038
	2. No Election (Greater Value)	\$147,662
	3. Total	\$276,700
C.	PRESENT VALUE OF FUTURE REGULAR MUNICIPAL CONTRIBUTIONS	,
	1. Elected PERA Police and Fire	\$193,558
	2. No Election (Greater Value)	\$221,492
	3. Total	\$415,050
D.	CURRENT VALUE OF TOTAL ASSETS (1.34% of Table 1, F6)	\$10,122,812
E.	PRESENT VALUE OF FUTURE ADDITIONAL MUNICIPAL CONTRIBUTION	NS
	1. Initial contribution - Amortized Through December 31, 2010	\$1,791,737
	2. 15 year amortization of prior years' loss (gain)	(2,503,354)
	(Table 11, B.2.b + B.2.c + B.2.d + B.2.e+B.2.f + B.2.g + B.2.h)	<u></u>
	3. Total	(\$711,616)
F.	LOSS (GAIN) [A-B-C-D-E]	(\$500.200 <u>)</u>
1.	= = (GAIN) [A-B-C-D-E]	(\$590,308)
G.	ANALYSIS OF LOSS (GAIN)	
	1. MPRIF Mortality	\$50,032
	2. PERA Benefit Election	0
	3. Additional Contributions Made	(136,826)
	4. Other	(503,514)
	5. Total	(\$590,308)
H.	15 YEAR AMORTIZATION OF LOSS (GAIN)	(68,244)

Albert Lea Police Consolidation Account

Determination of Statutory Contributions

(actual dollars)

JULY 1, 1996

				Percent of Payroll	Dollar Amount
A.	EMPLOY	EE CONTRIBUTIONS		7.60%	\$29,233
В.		ER CONTRIBUTIONS ljustment For State Aid)			
	1. Regular	municipal contribution		11.40%	\$43,849 *
	2. Addition	nal municipal contribution			
	Date		Current	Last	Payment
		Established	Balance	Payment	Amount**
	a.	Initial	\$1,791,737	12/31/2010	\$207,138
	b.	07/01/88	\$0	12/31/2002	\$0
	c.	07/01/89	\$0	12/31/2003	\$0
	d.	07/01/90	\$0	12/31/2004	\$0
	e.	07/01/91	\$0	12/31/2005	\$0
	f.	07/01/92	(\$2,386,866)	12/31/2006	(\$328,809)
	g.	07/01/93	(\$83,168)	12/31/2007	(\$10,871)
	h.	07/01/94	(\$58,425)	12/31/2008	(\$7,293)
	i.	07/01/95	\$25,106	12/31/2009	\$3,009
	j.	07/01/96	(\$590,308)	12/31/2010	(\$68,244)
	k.	Total	(\$1,301,924)		(\$205,070)

^{*} Estimated based on prior years' payroll

C. ESTIMATED TOTAL STATUTORY CONTRIBUTION

(\$131,988)

^{**} Contribution is assumed to be paid on December 31, 1996

ANOKA POLICE CONSOLIDATION ACCOUNT <u>ACTIVE MEMBERS AS OF JUNE 30, 1996</u>

Vears	of Servi	^^
1 CALS	ui servi	ce.

						••		
Age	<u>≤1</u>	1-4	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	25-29	30+ ALL
<25	0	0	0	0	0	0	0	_ 0
25-29	0	0	0	0	0	0	0	o e o
30-34	0	0	. 0	0	0	0	0	0
35-39	0	0	0	0	0	0	0	0 0 0 0 0 0
40-44	0	0	0	0	0	0	0	0 0
45-49	0	0	0	0	0	0	Ö	0 0
50-54	0	0	0	0	0	0	1	1 2
55-59	0	0	0	0	0	0	0	0 0
60-64	0	0	0	0	0	0	0	0
65+	0	0	0	0	0	0	0	0 0
ALI.	^	0	0	0	0	0		0 0

AVERAGE ANNUAL EARNINGS

Years of Service

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	10-14	<u>15-19</u>	<u>20-24</u>	<u>25-29</u>	30+ ALL
<25	0	0	0	0	0	0	0	0 0
25-29	0	0	0	0	0	0	0	0 0
30-34	0	0	0	0	0	0	0	0 0
35-39	0	0	0	0	0	0	0	0 0
40-44	0	0	0	0	0	0	0	0
45-49	0	0	0	0	0	0	0	0 0
50-54	0	0	0	0	0	0	53,901	64,864 59,383
55-59	0	0	0	0	0	0	0	0 0
60-64	0	0	0	0	0	0	0	0 0
65+	0	0	0	0	0	0	0	0 0
ALL	0	0	0	0	0	0	53,901	64,864 59,383

PRIOR FISCAL YEAR EARNINGS (IN DOLLARS) BY YEARS OF SERVICE

<u>Age</u>	<u><1</u>	<u>1-4</u>	5-9	10-14	15-19	20-24	25-29	30+ ALL
All	0	0	0	0	o	o	53.901	64.864 118.766

ANOKA POLICE CONSOLIDATION ACCOUNT

SERVICE RETIREMENTS AS OF JUNE 30, 1996

VE.	ARS	DE	FIRED	ì
I L	$\Delta \Gamma \Delta$	ne.		,

<u>Age</u>	<u>≤l</u>	1-4	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	<u>20-24</u>	<u>25+</u>	ALL
<50	0	0	0	0	0	0	0	0
50-54	0	0	0	0	0	0	0	0
55-59	0	0	1	0	0	0	0	
60-64	0	0	0	1	0	Ō	Õ	
65-69	0	0	0	1	1	0	0	2
70-74	0	0	0	0	0	0	0	0
75-79	0	0	0	0	1	1	0	2
80-84	0	0	0	0	0	0	0	0
85+	0	0	0	0	0	0	0	0
ALL	0	Λ.		2	2	1	0	6

AVERAGE ANNUAL BENEFIT

YEARS RETIRED

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	10-14	<u>15-19</u>	20-24	<u>25+</u>	<u>ALL</u>
<50	0	0	0	0	0	0	0	0
50-54	0	0	0	0	0	0	0	0
55-59	0	0	22,801	0	0	0	0	22,801
60-64	0	0	0	23,722	0	0	0	23,722
65-69	0	0	0	23,722	23,722	0	0	23,722
70-74	0	0	0	0	0	0	0	0
75-79	0	0	0	0	23,722	23,722	0	23,722
80-84	0	0	0	0	0	0	0	0
85+	0	0	0	0	0	0	0	0
ALL	0	0	22,801	23,722	23,722	23,722	0	23,569

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS RETIRED

<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	<u>10-14</u>	15-19	20-24	25+	44 4. 1	ALL
All	0	0	22,801	47,444	47,444	23,722	0	verili yanii	141,414

ANOKA POLICE CONSOLIDATION ACCOUNT

SURVIVORS AS OF JUNE 30, 1996

YEARS SINCE DEATH

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	<u>25+</u>	<u>ALL</u>
<50	0	0	0	0	0	0	0	0
50-54	0	0	0	0	0	0	0	Ō
55-59	0	0	0	0	0	0	0	0
60-64	0	0	0	0	0	Õ	0	Ö
65-69	0	0	0	0	1	1	0	2
70-74	0	0	0	0	0	0	0	Ō
75-79	0	0	0	0	1	1	0	2
80-84	0	0	0	0	0	0	0	<u></u>
85+	0	0	0	0	0	0	Õ	0
ALL	0	0	0	0	2	2	0	4

AVERAGE ANNUAL BENEFIT

YEARS SINCE DEATH

<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	<u>20-24</u>	25+	ALL
<50	0	0	0	0	0	0	0	0
50-54	0	0	0	0	0	0	0	0
55-59	0	0	0	0	0	0	0	0
60-64	0	0	0	0	0	0	0	0
65-69	0	0	0	0	15,799	15,799	0	15.799
70-74	0	0	0	0	0	0	0	0
75-79	0	0	0	0	14,186	12,582	0	13,384
80-84	0	0	0	0	0	0	0	0
85+	0	0	0	0	0	0	0	0
ALL	0	0	0	0	14,993	14,191	0	14,592

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS SINCE DEATH

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	10-14	<u>15-19</u>	20-24	25+	ALL
All	0	0		0	29,986	28,382	0	

ANOKA POLICE CONSOLIDATION ACCOUNT

DISABILITY RETIREMENTS AS OF JUNE 30, 1996

YEARS DISABLED

Age	<u><1</u>	1-4	<u>5-9</u>	10-14	15-19	20-24	25+	ALL
<50	0	0	0	0				
50-54	0	0	0	0	0	Ö	o e	Ŏ
55-59	0	0	0	0	0	O	n	, a
60-64	0	0	Ŏ	0	0	0	0	0
65-69	0	0	0	0	0	O	interit	0
70-74	0	Ö	0	0	ŏ	ő		0
75-79	0	0	0	0	n	O	0 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	•
80-84	Ŏ	0	Ŏ	Ö	0	0	0	0
85+	0	0	0	0	0	0	0	0
ALL		0	0	0	0	0	0	0

AVERAGE ANNUAL BENEFIT

YEARS DISABLED

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	<u>20-24</u>	25+ <u>ALL</u>
<50	0	0	0	0	0	0	0 0
50-54	0	0	0	0	0	0	0 0
55-59	0	0	0	0	0	0	0 0
60-64	0	0	0	0	0	0	0 0
65-69	0	0	0	0	0	0	0 0
70-74	0	0	0	0	0	0	0 0
75-79	0	0	0	0	0	0	0 0
80-84	0	0	0	0	0	0	0 0
85+	0	0	0	0	0	0	0 0
ALL	0		0	0	0	0	0 0

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS DISABLED

<u>Age</u>	<u>≤1</u>	<u>1-4</u>	<u>5-9</u>	10-14	15-19	20-24	25+	ALL
St. 1870 A. 1970	and the second	The professional configuration agreement at the	grift for the the grift between the fitters.	are a reservició de la como	4,5%, 30 4 65 months of the color	National disconnection of the property	arangan <mark>arangan ba</mark>	
All		A TRACTICAL CONTRACTOR AND A SEC	and the same of th	0	0	0	0	0
		 A. A. A	 An analysis of a property of the property. 	more a major time by the	to the contract of the first terms of the first ter	11000 11000 1100		Base March 1900 at a War with Collection of State of State of

Reconciliation Of Members

		4	Termi	nated
			Deferred	Other
		Actives	Retirement	Non-Vested
A.	ON JUNE 30, 1995	2	0	0
В.	ADDITIONS	0	0	0
C.	DELETIONS 1. Service Retirement	0	0	
	2. Disability	0	0	0
	3. Death-Survivor	0	0	0
	4. Death-Other	0	0	0
	5. Terminated - Deferred	0	ő	0
	6. Terminated - Refund	0	0	0
	7. Terminated - Other Non-Vested	0	0	0
	8. Returned as Active	0	0	0
D.	DATA ADJUSTMENTS	0	0	0
	Vested	2		
	Non-Vested	0		
E.	TOTAL ON JUNE 30, 1996	2	0	0
			Recipients	
		Retirement Annuitants	Disabled	Survivors
A.	ON JUNE 30, 1995	6	0	4
В.	ADDITIONS	0	0	0
C.	DELETIONS 1. Service Retirement	0	•	•
	2. Death	0 0	0	0
	3. Annuity Expired	0	0	0
	4. Returned as Active	0	0	0
D.	DATA ADJUSTMENTS	0	0	0
E.	TOTAL ON JUNE 30, 1996	6	0	4

Actuarial Balance Sheet

(actual dollars)

A.	CURRENT ASSETS (0.38% of Table 1, F6)		\$2,894,563
В.	EXPECTED FUTURE ASSETS		
	 Present Value of Employee Contributions Present Value of Regular Municipal Contributions Present Value of Additional Municipal Contributions Total Expected Future Assets 		\$46,125 69,188 150,712 \$266,025
C.	TOTAL CURRENT AND EXPECTED FUTURE ASSETS		\$3,160,588
D.	CURRENT PENSION BENEFIT OBLIGATIONS		
	Retirees and Beneficiaries Currently Receiving Benefits and Terminated Employees Not Yet Receiving Benefits		\$2,189,277
	2. Current Employees		
	 a. Accumulated Employee Contributions Including Allocated Investment Income* b. Employer-Financed Vested c. Employer-Financed Nonvested d. Total 	\$126,432 690,091 0	\$816,523
	3. Total Pension Benefit Obligation		\$3,005,800
E.	EXPECTED FUTURE PENSION BENEFIT OBLIGATION		\$154,788
F.	TOTAL CURRENT AND EXPECTED FUTURE PENSION BENEFIT OBLIGATION		\$3,160,588
G.	CURRENT UNFUNDED ACTUARIAL LIABILITY (D3-A)		\$111,237
H.	CURRENT AND FUTURE UNFUNDED ACTUARIAL LIABIL	ITY (F-C)	\$0
*Es	timated		

Entry Age Normal Cost Calculations

(actual dollars)

		Number of Participants	Present Value of Projected Benefits	Actuarial Accrued Liabilities
A.	DETERMINATION OF ACTUARIAL ACCRUED LIABILITY (AAL)			
	1. Active Members			
	a. Elected PERA Police and Fire	1	\$565,577	\$492,972
	b. No Election (Greater Value)	1	405,734	369,443
	c. Total	2	\$971,311	\$862,415
	2. Former Members			
	a. Elected PERA Police and Fire	0	0	\$0
	b. No Election (Greater Value)	0	0	0
	c. Total	0	\$0	\$0
	3. Benefit Recipients			
	a. Elected PERA Police and Fire*	9	\$2,066,788	\$2,066,788
	b. Elected Relief Association	1	122,489	122,489
	c. Total	10	\$2,189,277	\$2,189,277
	4. Total			
	a. Elected PERA Police and Fire*	10	\$2,632,365	\$2,559,760
	b. Elected Relief Association	1	122,489	122,489
	c. No Election (Greater Value)	1	405,734	369,443
	d. Total	12	\$3,160,588	\$3,051,692
В.	DETERMINATION OF UNFUNDED A	CTUARIAL ACC	RUED LIABILITY	(UAAL)
	1. AAL (A4)			\$3,051,692
	2. Current Assets (0.38% of Table 1,F6)			2,894,563
	3. UAAL (B1-B2)			\$157,129
C.	NORMAL COST			\$22,600
		*		

^{*} Includes MPRIF Reserves of \$1,890,379

Net Actuarial Loss (Gain) (actual dollars)

A.	ACTUARIAL PRESENT VALUE OF PROJECTED BENEFITS (Table 9-088) 1. Elected PERA Police and Fire 2. Elected Relief Association 3. No Election (Greater Value) 4. Total	\$2,632,365 122,489 405,734 \$3,160,588
B.	PRESENT VALUE OF FUTURE EMPLOYEE CONTRIBUTIONS 1. Elected PERA Police and Fire 2. No Election (Greater Value) 3. Total	\$30,944 \$15,181 \$46,125
C.	PRESENT VALUE OF FUTURE REGULAR MUNICIPAL CONTRIBUTIONS 1. Elected PERA Police and Fire 2. No Election (Greater Value) 3. Total	\$46,416 \$22,772 \$69,188
D.	CURRENT VALUE OF TOTAL ASSETS (0.38% of Table 1, F6)	\$2,894,563
E.	PRESENT VALUE OF FUTURE ADDITIONAL MUNICIPAL CONTRIBUTIONAL Initial contribution - Amortized Through December 31, 2010 2. 15 year amortization of prior years' loss (gain) (Table 11, B.2.b + B.2.c + B.2.d + B.2.e+B.2.f + B.2.g + B.2.h) 3. Total	Section 2008 \$880,861 (631,574) \$249,287
F.	LOSS (GAIN) [A-B-C-D-E]	(\$98,575)
G.	ANALYSIS OF LOSS (GAIN) 1. MPRIF Mortality 2. PERA Benefit Election 3. Additional Contributions Made 4. Other 5. Total	\$26,574 0 0 (125,149) (\$98,575)
H.	15 YEAR AMORTIZATION OF LOSS (GAIN)	(11,396)

Determination of Statutory Contributions

(actual dollars)

JULY 1, 1996

				Percent of Payroll	Dollar Amount
A.	EMPLOYE	EE CONTRIBUTIONS		7.60%	\$9,026 *
В.		ER CONTRIBUTIONS ljustment For State Aid)			
	1. Regular	municipal contribution		11.40%	\$13,539 *
	2. Addition	nal municipal contribution			
		Date	Current	Last	Payment
		Established	Balance	Payment	Amount**
	a.	Initial	\$880,861	12/31/2010	\$101,834
	b.	07/01/88	\$0	12/31/2002	\$0
	c.	07/01/89	\$0	12/31/2003	\$0
	d.	07/01/90	(\$522,041)	12/31/2004	(\$81,904)
	e.	07/01/91	\$21,590	12/31/2005	\$3,159
	f.	07/01/92	(\$161,900)	12/31/2006	(\$22,303)
	g.	07/01/93	(\$7,421)	12/31/2007	(\$970)
	h.	07/01/94	\$10,431	12/31/2008	\$1,302
	i.	07/01/95	\$27,767	12/31/2009	\$3,328
	j.	07/01/96	(\$98,575)	12/31/2010	(\$11,396)
	k.	Total	\$150,712		(\$6,950)

C. ESTIMATED TOTAL STATUTORY CONTRIBUTION

\$15,615

^{*} Estimated based on prior years' payroll

^{**} Contribution is assumed to be paid on December 31, 1996

ACTIVE MEMBERS AS OF JUNE 30, 1996

Years of Serv	vic	ď

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	10-14	<u>15-19</u>	20-24	<u>25-29</u>	<u>30+</u> <u>ALL</u>
<25	0	0	0	0	0	0	0	0 0
25-29	0	0	0	0	0	0	0	0 0
30-34	0	0	0	0	0	0	0	0 0
35-39	0	0	0	0	0	0	0	0 0
40-44	0	0	0	0	0	0	0	0 0
45-49	0	0	0	0	0	1	1	0 2
50-54	0	0	0	0	0	1	2	1 4
55-59	0	0	0	0	0	0	0	0 0
60-64	0	0	0	0	0	0	0	0 0
65+	0	0	0	0	0	0	0	0 0
ALL	0	0	0	0	o	2	3	1 6

AVERAGE ANNUAL EARNINGS

Years of Service

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	<u>20-24</u>	<u>25-29</u>	<u>30+</u>	<u>ALL</u>
<25	0	0	0	0	0	0	0	0	0
25-29	0	0	0	0	0	0	0	0	0
30-34	0	0	0	0	0	0	0	0	0
35-39	0	0	0	0	0	0	0	0	0
40-44	0	0	0	0	0	0	0	0	0
45-49	0	0	0	0	0	40,400	45,357	0	42,879
50-54	0	0	0	0	0	39,595	45,259	41,761	42,969
55-59	0	0	0	0	0	0	0	0	0
60-64	0	0	0	0	0	0	0	0	0
65+	0	0	0	0	0	0	0	0	0
ALL	0	0	0	0	0	39,998	45,292	41,761	42,939

PRIOR FISCAL YEAR EARNINGS (IN DOLLARS) BY YEARS OF SERVICE

							_	
Age	<u><1</u>	1-4	5-9	10-14	15-19	20-24	25-29	30+ ALL
All		0	0	0	n		135.876	41.761 257.634

SERVICE RETIREMENTS AS OF JUNE 30, 1996

VEA	RS	RETIRE	ì

Age	<u><1</u>	1-4	<u>5-9</u>	10-14	15-19	<u>20-24</u>	<u>25+</u>	ALL
<50	0	0	0	0	0	0	0	0
50-54	0	0	1	1	0	0	0	2
55-59	0	0	3	1	n	n	0	
60-64	0	0	.1	5	Ö	0	0	6
65-69	0	0	0	1	0	0	n	
70-74	0	1	0	1	Õ	2	0	4
75 -7 9	0	0	0	0	2	1	0	7
80-84	0	0	0	0	0	1	n	1
85+	0	0	0	0	0	Ô	0	Û
ALL	0	1	5	9	2	4	0	21

AVERAGE ANNUAL BENEFIT

YEARS RETIRED

Age	<u><1</u>	1-4	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	<u>25+</u>	ALL
<50	0	0	0	0	0	0	0	0
50-54	0	0	21,237	21,237	0	0	0	21,237
55-59	0	0	21,237	21,237	0	0	0	21,237
60-64	0	0	22,760	21,237	0	0	0	21,491
65-69	0	0	0	21,372	0	0	0	21,372
70-74	0	39,563	0	22,580	0	21,237	0	26,154
75-79	0	0	0	0	21,237	21,237	0	21,237
80-84	0	0	0	0	0	21,237	0	21,237
85+	0	0	0	0	0	0	Ö	0
ALL	0	39,563	21,542	21,401	21,237	21,237	0	22,253

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS RETIRED

1								
Ace	<1	1.4	5.0	10 14	15.10	20.04	0.0	
1150		1-4	<u>3-9</u>	<u>10-14</u>	<u> 15-19</u>	20-24	25+	ALL
2.11				Charles as has a second	Charles Seeding of Parison Property	1500/00-0019951999999999999999999999999999999	5/509951005537444A.F. 4+	
All	• • • • • • • • • • • • • • • • • • • •	39,563	107.710	192 609	42 474	84 048	ሰ	467 313
and the Contract of	Apple Control Control Control	1995 (1995) Physician (1995) 600 (1995) Physical				UT,27U		307,313

SURVIVORS AS OF JUNE 30, 1996

YEARS SINCE DEATH

				DILLE SET	CE DESTIL			
<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	10-14	<u>15-19</u>	<u>20-24</u>	<u>25+</u>	ALL
<50	0	0	0	0	0	0	0	0
50-54	0	1	0	0	1	0	0	2
55-59	0	0	1	0	0	0	0	1
60-64	0	0	0	0	0	0	1	1
65-69	0	0	0	0	1	0	0	1
70-74	0	0	0	0	0	0	0	0
75-79	0	0	1	1	0	1	1	4
80-84	0	0	1	1	0	0	0	2
85+	0	0	0	0	0	0	0	0
ALL	0	ı	3	2	2	1	2	11

AVERAGE ANNUAL BENEFIT

YEARS SINCE DEATH

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u> 15-19</u>	20-24	25+	<u>ALL</u>
<50	0	0	0	0	0	0	0	0
50-54	0	11,581	0	0	10,935	0	0	11,258
55-59	0	0	12,742	0	0	0	0	12,742
60-64	0	0	0	0	0	0	12,742	12,742
65-69	0	0	0	0	12,742	0	0	12,742
70-74	0	0	0	0	0	0	0	0
75-79	0	0	12,742	12,742	0	12,742	12,742	12,742
80-84	0	0	12,742	12,742	0	0	0	12,742
85+	0'	0	0	0	0	0	0	0
ALL	. 0	11,581	12,742	12,742	11,839	12,742	12,742	12,472

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS SINCE DEATH

<u>Age</u>	<u><1</u>	1-4	5-9	10-14	15-19	20-24	25+	AII
A 11	· · · · · · · · · · · · · · · · · · ·	1.501	30.332					
2311		105,11	J8,220	25,484	23,678	12,142	25.484	137.192

DISABILITY RETIREMENTS AS OF JUNE 30, 1996

VF	A	DC	DIS	A E	T	ED
# P.				42 F	• •	. R. 3 2

<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	25+ <u>ALL</u>
<50	0	0	0	1	0	0	0 1
50-54	0	0	0	0	0	0	0 0
55-59	0	0	0	0	0	0	0 0
60-64	0	0	0	0	0	0	0 0
65-69	0	0	0	0	0	0	0
70-74	0	Ō	ő	0	0	0	0 0
75-79	0	0	0	0	n	Λ	0 0
80-84	0	0	Ö	0	0	0	0 0
85+	0	0	0	0	0	Ö	0 0
ALL	0		0	1	0	0	
1-12-12 TO 11 TO 1	A MINE THE GLASS GLASS	erre erre erre i Tille	Medican in July 1907				어느 보고 있다는 🗡 보다 그리고 함께 한 때에 무슨 중에 있다.

AVERAGE ANNUAL BENEFIT

YEARS DISABLED

<u>Age</u>	<u>≤1</u>	<u>1-4</u>	<u>5-9</u>	10-14	<u>15-19</u>	<u>20-24</u>	<u>25</u> +	ALL
<50	0	0	0	21,237	0	0	0	21,237
50-54	0	. 0	0	0	0	0	0	0
55-59	0	0	0	0	0	0	0	0
60-64	0	0	0	0	0	0	0	0
65-69	0	0	0	0	0	0	0	0
70-74	0	0	0	0	0	0	0	0
75-79	0	0	0	0	0	0	0	0
80-84	0	0	0	0	0	0	0	0
85+	0	0	0	0	0	0	0	0
ALL	0	0	0	21,237	0	0	0	21,237

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS DISABLED

<u>Age</u>	<u>≤1</u>	1-4	<u>5-9</u>	10-14	15-19	20-24	25+	ALL
All	0	0	0	21,237	0	0	0	21,237

Reconciliation Of Members

			Termi	nated
			Deferred	Other
		Actives	Retirement	Non-Vested
A.	ON JUNE 30, 1995	8	1	0
B.	ADDITIONS	0	2	0
C.	DELETIONS 1. Service Retirement	4		
	2. Disability	0	0	0
	3. Death-Survivor	0	0	0
	4. Death-Other	0	0	0
	5. Terminated - Deferred	(2)	0	0
	6. Terminated - Refund	0	0	0
	7. Terminated - Other Non-Vested	0	0	ő
	8. Returned as Active	0	0	0
D.	DATA ADJUSTMENTS	0	0	0
	Vested	6		
	Non-Vested	0		
E.	TOTAL ON JUNE 30, 1996	6	3	0
			Recipients	
		Retirement Annuitants	Disabled	Survivors
A.	ON JUNE 30, 1995	22	1	10
В.	ADDITIONS	0	0	1
C.	DELETIONS			
	1. Service Retirement	0	0	0
	2. Death	(1)	0	0
	3. Annuity Expired	O O	0	0
	4. Returned as Active	0	0	0
D.	DATA ADJUSTMENTS	0	0	0
E.	TOTAL ON JUNE 30, 1996	21	1	11

Actuarial Balance Sheet

(actual dollars)

A.	CURRENT ASSETS (1.42% of Table 1, F6)		\$10,727,483
В.	EXPECTED FUTURE ASSETS		
	 Present Value of Employee Contributions Present Value of Regular Municipal Contributions Present Value of Additional Municipal Contributions Total Expected Future Assets 		\$163,024 244,536 (1,051,372) (\$643,812)
C.	TOTAL CURRENT AND EXPECTED FUTURE ASSETS		\$10,083,671
D.	CURRENT PENSION BENEFIT OBLIGATIONS		
	Retirees and Beneficiaries Currently Receiving Benefits and Terminated Employees Not Yet Receiving Benefits		\$7,987,643
	2. Current Employees		
	 a. Accumulated Employee Contributions Including Allocated Investment Income* b. Employer-Financed Vested c. Employer-Financed Nonvested d. Total 	\$255,081 1,300,128 0	\$1,555,209
	3. Total Pension Benefit Obligation		\$9,542,852
E.	EXPECTED FUTURE PENSION BENEFIT OBLIGATION		\$540,819
F.	TOTAL CURRENT AND EXPECTED FUTURE PENSION BENEFIT OBLIGATION		\$10,083,671
G.	CURRENT UNFUNDED ACTUARIAL LIABILITY (D3-A)		(\$1,184,631)
H.	CURRENT AND FUTURE UNFUNDED ACTUARIAL LIABI	LITY (F-C)	\$0
*Es	timated		

Entry Age Normal Cost Calculations

(actual dollars)

A.	DETERMINATION OF ACTUARIAL ACCRUED LIABILITY (AAL)	Number of Participants	Present Value of Projected Benefits	Actuarial Accrued Liabilities
	 Active Members a. Elected PERA Police and Fire b. No Election (Greater Value) c. Total 	1 5 6	\$366,363 1,729,665 \$2,096,028	\$314,918
	2. Former Membersa. Elected PERA Police and Fireb. No Election (Greater Value)c. Total	2 1 3	422,200 472,130 \$894,330	\$422,200 472,130 \$894,330
	3. Benefit Recipientsa. Elected PERA Police and Fire*b. Elected Relief Associationc. Total	33 0 33	\$7,093,313 0 \$7,093,313	\$7,093,313 0 \$7,093,313
	 4. Total a. Elected PERA Police and Fire* b. Elected Relief Association c. No Election (Greater Value) d. Total 	36 0 6 42	\$7,881,876 0 2,201,795 \$10,083,671	\$7,830,431 0 1,857,256 \$9,687,687
В.	DETERMINATION OF UNFUNDED A	CTUARIAL ACCI	RUED LIABILITY	(UAAL)
	 AAL (A4) Current Assets (1.42% of Table 1,F6) 			\$9,687,687 10,727,483
C	3. UAAL (B1-B2) NORMAL COST			(\$1,039,796)
C.	TOTALLE COST			\$50,668

^{*} Includes MPRIF Reserves of \$6,374,112

Net Actuarial Loss (Gain) (actual dollars)

A.	ACTUARIAL PRESENT VALUE OF PROJECTED BENEFITS (Table 9-167) 1. Elected PERA Police and Fire 2. Elected Relief Association 3. No Election (Greater Value) 4. Total	\$7,881,876 0 2,201,795 \$10,083,671
B.	PRESENT VALUE OF FUTURE EMPLOYEE CONTRIBUTIONS 1. Elected PERA Police and Fire 2. No Election (Greater Value) 3. Total	\$22,422 \$140,602 \$163,024
C.	PRESENT VALUE OF FUTURE REGULAR MUNICIPAL CONTRIBUTIONS 1. Elected PERA Police and Fire 2. No Election (Greater Value) 3. Total	\$33,633 \$210,903 \$244,536
D.	CURRENT VALUE OF TOTAL ASSETS (1.42% of Table 1, F6)	\$10,727,483
E.	PRESENT VALUE OF FUTURE ADDITIONAL MUNICIPAL CONTRIBUTION 1. Initial contribution - Amortized Through December 31, 2010 2. 15 year amortization of prior years' loss (gain) (Table 11, B.2.b + B.2.c + B.2.d + B.2.e+B.2.f + B.2.g + B.2.h) 3. Total	\$2,525,073 (3,383,338) (\$858,265)
F.	LOSS (GAIN) [A-B-C-D-E]	(\$193,107)
G.	ANALYSIS OF LOSS (GAIN) 1. MPRIF Mortality 2. PERA Benefit Election 3. Additional Contributions Made 4. Other 5. Total	(\$209,629) 0 (127,993) 144,515 (\$193,107)
H.	15 YEAR AMORTIZATION OF LOSS (GAIN)	(22,325)

Determination of Statutory Contributions

(actual dollars)

JULY 1, 1996

				Percent of Payroll	Dollar Amount
A.	EMPLOYI	EE CONTRIBUTIONS		7.60%	\$19,580 *
B.		ER CONTRIBUTIONS justment For State Aid)			
	1. Regular	municipal contribution		11.40%	\$29,370 *
	2. Addition	nal municipal contribution			
		Date	Current	Last	Payment
		Established	Balance	Payment	Amount**
	a.	Initial	\$2,525,073	12/31/2010	\$291,917
	b.	07/01/88	\$0	12/31/2002	\$0
	c.	07/01/89	\$0	12/31/2003	\$0
	đ.	07/01/90	\$0	12/31/2004	\$0
	e.	07/01/91	\$0	12/31/2005	\$0
	f.	07/01/92	\$0	12/31/2006	\$0
	g.	07/01/93	\$0	12/31/2007	\$0
	h.	07/01/94	(\$2,897,066)	12/31/2008	(\$361,629)
	i.	07/01/95	(\$486,272)	12/31/2009	(\$58,281)
	j.	07/01/96	(\$193,107)	12/31/2010	(\$22,325)
	k.	Total	(\$1,051,372)		(\$150,318)
C.	ESTIMATI	ED TOTAL STATUTORY (CONTRIBUTION		(\$101,368)

^{*} Estimated based on prior years' payroll

^{**} Contribution is assumed to be paid on December 31, 1996

ACTIVE MEMBERS AS OF JUNE 30, 1996

_									
Age	<u><1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	<u>25-29</u>	30+	ALL
<25	0	0	0	0	0	0	0	0	0
25-29	0	0	0	0	0	0	0	0	Ō
30-34	0	0	0	0	0	0	0	0	0
35-39	0	0	0	0	1	0	0	0	i
40-44	0	0	0	0	6	0	0	0	6
45-49	0	0	0	0	1	7	3	0	11
50-54	0	0	0	0	0	3	9	3	15
55-59	0	0	0	0	0	1	1	4	6
60-64	0	0	0	0	0	0	0	0	0
65+	0	0	0	0	0	0	0	0	0
ALL	0	0	0	0	8	iı.	13	7	39

AVERAGE ANNUAL EARNINGS

_				Yea	ars of Servi	ce			
Age	<u><1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	<u>20-24</u>	<u>25-29</u>	<u> 30+</u>	<u>ALL</u>
<25	0	0	0	0	0	0	0	0	0
25-29	0	0	0	0	0	0	0	0	0
30-34	0	0	0	0	0	0	0	0	0
35-39	0	0	0	0	61,041	0	0	0	61,041
40-44	0	0	0	0	60,318	0	0	0	60,318
45-49	0	0	0	0	50,634	57,351	60,546	0	57,612
50-54	0	0	0	0	0	64,992	60,479	58,297	60,945
55-59	0	0	0	0	0	55,491	58,384	54,586	55,370
60-64	0	0	0	0	0	0	0	0	0
65+	. 0	0	0	0	0	0	0	0	0
ALL	0	0	0	0	59,198	59,266	60,333	56,176	59,053

PRIOR FISCAL YEAR EARNINGS (IN THOUSANDS) BY YEARS OF SERVICE

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	25-29	<u> 30+</u>	ALL
All) 0	0	. 0	474		784	39:	4

SERVICE RETIREMENTS AS OF JUNE 30, 1996

YEARS RETIRED

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	<u>25+</u>	ALL
<50	0	0	0	0	0	0	0	0
50-54	3	5	0	0	0	0	Ö	8
55-59	1	6	7	0	1	0	0	15
60-64	0	2	2	2	2	1	ő	9
65-69	0	0	2	1	1	1	0	5
70-74	0	0	0	2	3	0	1	6
75-79	0	0	0	0	1	0	0	1
80-84	0	0	0	0	0	0	0	ñ
85+	0	0	0	0	0	0	ő	Ŏ
ALL	4	13	11	5	8	2	1	44

AVERAGE ANNUAL BENEFIT

YEARS RETIRED

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	25+	ALL
<50	0	0	0	0	0	0	0	0
50-54	22,346	19,740	0	0	0	0	Ō	20,717
55-59	32,061	27,670	26,101	0	25,542	0	0	27,089
60-64	0	30,768	29,143	26,196	25,542	25,542	o O	27,649
65-69	0	0	29,471	27,506	24,887	25,542	0	27,375
70-74	0	0	0	29,471	27,724	0	25,542	27,943
75-79	0	0	0	0	22,922	0	0	22,922
80-84	0	0	0	0	0	Ö	0	22,722
85+	0	0	0	0	0	Ŏ	0	0
ALL	24,775	25,097	27,267	27,768	25,951	25,542	25,542	26,099

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS RETIRED

-									
Age	<1	1.4	5.0	10.14	45.40				
<u>Age</u>	<u> ~1</u>	1-4	<u>3-9</u>	10-14	15-19	20-24	25+	ΔΙΤ	
- CA - MOST \$115-150		yn Roundfiffigingfioefficia yn yn yf.	Parkerin dak kuadahan marajakan	terati i wa <mark>ina wakaziwa e</mark> waka	0.00.000.000000000000000000000000000000	Company and a second		**************************************	
All	99,100	326,261	299,937	138,840	207,608	CI OOA	05 540		
The second district the cities		~~~,~~.		120,040	207,000	51.084	25.542	1 148 356	

SURVIVORS AS OF JUNE 30, 1996

YEARS SINCE DEATH

						_		
<u>Age</u>	<u>≤1</u>	1-4	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	<u>20-24</u>	25+	ALL
<50	0	0	0	0	0	0	0	0
50-54	0	0	0	0	0	0	0	0
55-59	0	0	1	1	0	0	0	2
60-64	0	0	2	0	0	ő	0	2
65-69	0	0	0	0	0	0	0	0
70-74	0	0	0	0	0	0	0	0
75-79	0	1	0	1	1	0	0	7
80-84	0	0	0	0	0	0	0	Ō
85+	0	0	0	1	0	0	0	ì
ALL	0	1	3	3°	1	0	0	8

AVERAGE ANNUAL BENEFIT

YEARS SINCE DEATH

Age	<u><1</u>	1-4	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	<u>25+</u>	ALL
<50	0	0	0	0	0	0	. 0	0
50-54	0	0	0	0	0	0	0	0
55-59	0	0	12,057	13,426	0	0	0	12,742
60-64	0	0	12,986	0	0	0	0	12,986
65-69	0	0	0	0	0	0	0	0
70-74	0	0	0	0	0	0	0	0
75-79	0	13,426	0	13,426	13,426	0	0	13,426
80-84	0	0	0	0	0	0	0	0
85+	0	0	0	13,426	0	0	Ō	13,426
ALL	0	13,426	12,676	13,426	13,426	0	0	13,145

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS SINCE DEATH

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	10-14	15-19	20-24	25+	ALL
All	0	13,426	38,028	40,278	13,426	0		105,160

DISABILITY RETIREMENTS AS OF JUNE 30, 1996

VEA	DC	DIC	A DT	ET.

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	25+ ALL
<50	0	0	0	1	0	0	0 1
50-54	0	0	0	0	0	0	0 0
55-59	0	0	0	0	0	0	0 0
60-64	0	0	0	0	0	0	0 0
65-69	0	0	0	0	0	0	0 0
70-74	0	0	0	0	0	0	0 0
75-79	0	0	0	0	0	0	0 0
80-84	0	0	0	0	0	0	0 0
85+	0	0	0	0	0	0	0 0
ALL	0	0	0	1	0	0	0 1

AVERAGE ANNUAL BENEFIT

YEARS DISABLED

<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	<u>20-24</u>	25+	ALL
<50	0	0	0	25,542	0	0	0	25,542
50-54	0	0	0	0	0	0	0	0
55-59	0	0	0	0	0	0	0	0
60-64	0	0	0	0	0	0	0	Ō
65-69	0	0	0	0	0	0	0	0
70-74	0	0	0	0	0	0	Ō	Ō
75-79	0	0	0	0	0	0	0	0
80-84	0	0	0	0	0	Ō	0	Õ
85+	0	0	0	0	0	0	0	Ō
ALL	0	0	0	25,542	0	0	0	25,542

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS DISABLED

<u>Age</u>	<u><1</u>	1-4	5-9	10-14	15-19	20-24	25+	ATT
All	0	0		25.542			^_	25.542

Reconciliation Of Members

			Termin	nated
			Deferred	Other
		Actives	Retirement	Non-Vested
A.	ON JUNE 30, 1995	40	5	0
B.	ADDITIONS	0	0	0
C.	DELETIONS			
	1. Service Retirement	(1)	(3)	0
	2. Disability3. Death-Survivor	0	0	0
	4. Death-Other	0	0	0
	5. Terminated - Deferred	0	0	0
	6. Terminated - Befored	0	0	0
	7. Terminated - Other Non-Vested	0	0	0
	8. Returned as Active	ő	ŏ	0
D.	DATA ADJUSTMENTS	0	0	0
	Vested	39		
	Non-Vested	0		
_				
E.	TOTAL ON JUNE 30, 1996	39	2	0
			Recipients	
		Retirement	~	
		Annuitants	Disabled	Survivors
A.	ON JUNE 30, 1995	41	1	7
В.	ADDITIONS	4	0	1
C.	DELETIONS			
	1. Service Retirement	0	0	0
	2. Death	(1)	0	ő
	3. Annuity Expired	O O	0	0
	4. Returned as Active	0	0	0
D.	DATA ADJUSTMENTS	0	0	0
E.	TOTAL ON JUNE 30, 1996	44	1	8

Actuarial Balance Sheet

(actual dollars)

A.	CURRENT ASSETS (6.43% of Table 1, F6)		\$48,506,414
B.	EXPECTED FUTURE ASSETS		
	 Present Value of Employee Contributions Present Value of Regular Municipal Contributions Present Value of Additional Municipal Contributions Total Expected Future Assets 		\$1,245,750 1,868,625 (15,057,722) (\$11,943,347)
C.	TOTAL CURRENT AND EXPECTED FUTURE ASSETS		\$36,563,068
D.	CURRENT PENSION BENEFIT OBLIGATIONS		
	Retirees and Beneficiaries Currently Receiving Benefits and Terminated Employees Not Yet Receiving Benefits		\$17,743,509
	2. Current Employees		
	 a. Accumulated Employee Contributions Including Allocated Investment Income* b. Employer-Financed Vested c. Employer-Financed Nonvested d. Total 	\$2,050,628 11,601,504 910,008	\$14,562,140
	3. Total Pension Benefit Obligation		\$32,305,649
E.	EXPECTED FUTURE PENSION BENEFIT OBLIGATION		\$4,257,419
F.	TOTAL CURRENT AND EXPECTED FUTURE PENSION BENEFIT OBLIGATION		\$36,563,068
G.	CURRENT UNFUNDED ACTUARIAL LIABILITY (D3-A)	(\$16,200,766)	
H.	CURRENT AND FUTURE UNFUNDED ACTUARIAL LIAB	BILITY (F-C)	\$0
*Es	stimated		

Entry Age Normal Cost Calculations

(actual dollars)

JULY 1, 1996

A.	DETERMINATION OF ACTUARIAL	Number of Participants	Present Value of Projected Benefits	Actuarial Accrued Liabilities
	ACCRUED LIABILITY (AAL)			
	1. Active Members			
	a. Elected PERA Police and Fire	21	\$9,778,400	\$8,033,556
	b. No Election (Greater Value)	18	9,041,159	7,535,767
	c. Total	39	\$18,819,559	\$15,569,323
	2. Former Members			
	a. Elected PERA Police and Fire	0	0	\$0
	b. No Election (Greater Value)		1,033,699	1,033,699
	c. Total	$\frac{2}{2}$	\$1,033,699	\$1,033,699
	3. Benefit Recipients			, , ,
	a. Elected PERA Police and Fire*	51	\$15,928,563	\$15,928,563
	b. Elected Relief Association	2	781,247	781,247
	c. Total	53	\$16,709,810	\$16,709,810
	4. Total			
	a. Elected PERA Police and Fire*	72	\$25,706,963	\$23,962,119
	b. Elected Relief Association	2	781,247	781,247
	c. No Election (Greater Value)		10,074,858	8,569,466
	d. Total	94	<u>\$36,563,068</u>	\$33,312,832
В.	DETERMINATION OF UNFUNDED A	CTUARIAL ACCI	RUED LIABILITY	(UAAL)
	1. AAL (A4)			\$33,312,832
	2. Current Assets (6.43% of Table 1,F6)			48,506,414
	3. UAAL (B1-B2)		-	(\$15,193,583)
C.	NORMAL COST			\$500,063

* Includes MPRIF Reserves of \$15,516,433

Net Actuarial Loss (Gain)

(actual dollars)

A.	ACTUARIAL PRESENT VALUE OF PROJECTED BENEFITS (Table 9-168) 1. Elected PERA Police and Fire 2. Elected Relief Association 3. No Election (Greater Value) 4. Total	\$25,706,963 781,247 10,074,858 \$36,563,068
B.	PRESENT VALUE OF FUTURE EMPLOYEE CONTRIBUTIONS	
	1. Elected PERA Police and Fire	\$718,047
	2. No Election (Greater Value)	\$527,703
	3. Total	\$1,245,750
C.	PRESENT VALUE OF FUTURE REGULAR MUNICIPAL CONTRIBUTIONS	<u> </u>
	1. Elected PERA Police and Fire	\$1,077,070
	2. No Election (Greater Value)	\$791,555
	3. Total	\$1,868,625
D.	CURRENT VALUE OF TOTAL ASSETS (6.43% of Table 1, F6)	\$48,506,414
E.	PRESENT VALUE OF FUTURE ADDITIONAL MUNICIPAL CONTRIBUTION	NIC
	1. Initial contribution - Amortized Through December 31, 2010	\$0
	2. 15 year amortization of prior years' loss (gain)	(9,791,527)
	(Table 11, B.2.b + B.2.c + B.2.d + B.2.e+B.2.f + B.2.g + B.2.h) $\overline{}$	(2,1,21,321)
	3. Total	(\$9,791,527)
F.	LOSS (GAIN) [A-B-C-D-E]	(\$5.266.105)
	=======================================	(\$5,266,195)
G.	ANALYSIS OF LOSS (GAIN)	
	1. MPRIF Mortality	\$333,717
	2. PERA Benefit Election	(241,534)
	3. Additional Contributions Made	(1,214,396)
	4. Other	(4,143,982)
	5. Total	(\$5,266,195)
H.	15 YEAR AMORTIZATION OF LOSS (GAIN)	(608,811)

Determination of Statutory Contributions

(actual dollars)

JULY 1, 1996

				Percent of Payroll	Dollar Amount
A.	EMPLOYE	EE CONTRIBUTIONS		7.60%	\$175,034 *
В.		ER CONTRIBUTIONS justment For State Aid)			
	1. Regular	municipal contribution		11.40%	\$262,551 *
	2. Addition	nal municipal contribution			
		Date	Current	Last	Payment
		Established	Balance	Payment	Amount**
	a.	Initial	\$0	12/31/2010	\$0
	b.	07/01/88	\$0	12/31/2002	\$0
	c.	07/01/89	\$0	12/31/2003	\$0
	d.	07/01/90	\$0	12/31/2004	\$0
	e.	07/01/91	\$0	12/31/2005	\$0
	f.	07/01/92	\$0	12/31/2006	\$0
	g.	07/01/93	\$0	12/31/2007	\$0
	h.	07/01/94	(\$8,231,702)	12/31/2008	(\$1,027,530)
	i.	07/01/95	(\$1,559,825)	12/31/2009	(\$186,949)
	j.	07/01/96	(\$5,266,195)	12/31/2010	(\$608,811)
	k.	Total	(\$15,057,722)		(\$1,823,290)
C.	ESTIMATI	ED TOTAL STATUTORY	CONTRIBUTION		(\$1,385,705)

^{*} Estimated based on prior years' payroll

^{**} Contribution is assumed to be paid on December 31, 1996

BRAINERD POLICE CONSOLIDATION ACCOUNT ACTIVE MEMBERS AS OF JUNE 30, 1996

TVE MENDERS AS OF JUNE 30, 1

		<u> </u>		Yea	ers of Servi	ce			
Age	<u><1</u>	<u>1-4</u>	<u>5-9</u>	10-14	<u>15-19</u>	<u>20-24</u>	25-29	<u>30+</u>	ALL
<25	0	0	0	0	0	0	0		0
25-29	0	0	0	0	0	0	0	0	0
30-34	0	0	0	0	0	0	0	0	0
35-39	0	0	0	0	0	0	0	0	0
40-44	0	0	0	0	0	0	0	0	0
45-49	0	0	0	0	4	2	0	0	6
50-54	0	0	0	0	1	0	0	0	1
55-59	0	0	0	0	0	0	1	0	1
60-64	0	0	0	0	0	0	0	0	0
65+	0	0	0	0	0	0	0	0	0
ALL	0	0	0	0	5	2	1	0	8

AVERAGE ANNUAL EARNINGS

_				Yea	ars of Servi	ce			
Age	<u><1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	<u>25-29</u>	30+	ALL
<25	0	0	0	0	0	0	0	0	0
25-29	0	0	0	0	0	0	0	o	0
30-34	0	0	0	0	0	0	0	0	0
35-39	0	0	0	0	0	0	0	0	0
40-44	0	0	0	0	0	0	0	0	0
45-49	0	0	0	0	43,728	43,728	0	0	43,728
50-54	0	0	0	0	43,728	0	0	0	43,728
55-59	0	0	0	0	0	0	43,728	0	43,728
60-64	0	0	0	0	0	0	0	0	0
65+	0	0	0	0	0	0	0	0	Ō
ALL	0	0	0	0	43,728	43,728	43,728	0	43,728

PRIOR FISCAL YEAR EARNINGS (IN DOLLARS) BY YEARS OF SERVICE

Age <1 1-4 5-9 10-14 15-19 20-24 25-29 30+ ALI	
Age <1 1-4 5-9 10-14 15-10 20-24 25-20 20+	
	100000
	2000000
	erita e e
	8665.000
All 0 0 0 0 218 640 87 456 43 728 0 240 8	A 2
7111 0 0 0 0 210,040 67,430 43,728 11 449 8	Z4

BRAINERD POLICE CONSOLIDATION ACCOUNT

SERVICE RETIREMENTS AS OF JUNE 30, 1996

YEARS RETIRED

<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	<u>20-24</u>	25+	ALL
<50	0	0	0	0	0	0	0	0
50-54	0	0	0	0	0	0	0	0
55-59	0	0	1	1	0	0	0	9
60-64	0	0	0	0	0	Õ	ő	Õ
65-69	0	0	0	2	0	0	0	,
70-74	0	0	0	0	0	1	0	Ī
75-79	0	0	0	1	1	2	0	1 1 1 1 1 1 1 1 1 1
80-84	0	0	0	0	0	0	Ô	0
85+	0	0	0	0	0	Õ	0	0
ALL	0	0	1	4	1	3	0	9

AVERAGE ANNUAL BENEFIT

YEARS RETIRED

<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	<u>20-24</u>	<u>25+</u>	ALL
<50	0	0	0	0	0	0	0	0
50-54	0	0	0	0	0	0	0	0
55-59	0	0	14,012	14,012	0	0	0	14,012
60-64	0	0	0	0	0	0	0	0
65-69	0	0	0	14,012	0	0	0	14,012
70-74	0	0	0	0	0	14,012	0	14,012
75-79	0	0	0	14,012	14,012	14,012	0	14,012
80-84	0	0	0	0	0	0	0	0
85+	0	0	0	0	0	0	0	0
ALL	0	0	14,012	14,012	14,012	14,012	0	14,012

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS RETIRED

<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	10-14	15-19	20-24	25+	ALL
All		0 0	14,012	56,048	14,012	42,036	0	126,108

BRAINERD POLICE CONSOLIDATION ACCOUNT

SURVIVORS AS OF JUNE 30, 1996

YEARS SINCE DEATH

						_	
<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	10-14	<u>15-19</u>	20-24	25+ ALL
<50	0	0	0	0	0	0	0 0
50-54	0	0	0	0	0	0	0 0
55-59	0	0	0	0	0	0	0 0
60-64	0	0	0	0	1	Ö	0 1
65-69	0	0	0	0	1	0	n 1
70-74	0	0	1	1	0	1	0 3
75-79	0	0	0	1	0	0	1 2
80-84	0	0	0	0	Ö	ŏ	0
85+	0	0	0	0	1	Õ	0 1
ALL	0	0	1	2	3	1	1 8

AVERAGE ANNUAL BENEFIT

YEARS SINCE DEATH

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	<u>25+</u>	ALL
<50	0	0	0	0	0	0	0	0
50-54	0	0	0	0	0	0	0	Ō
55-59	0	0	0	0	0	0	0	0
60-64	n	ň	ň	0	10.500	0	_	30000000000000000000000000000000000000
00-04	U	U	U	0	10,509	U	0	10,509
65-69	0	0	0	0	10,509	0	0	10,509
70-74	0	0	10,509	10,509	0	10,509	0	10,509
75-79	0	0	0	10,509	0	0	10,509	10,509
80-84	0	0	. 0	Ó	Ô	ñ	0,000	.0,502
85+	Ô	Ŏ	, 0	0	10.500	0	0	U .
Service Communication Communication	O te se establishment	U (15 - 27 - 22 - 22 - 22 - 22 - 22 - 22 - 2	U	U	10,509	U	0	10,509
ALL	0	0	10,509	10,509	10,509	10,509	10,509	10,509

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS SINCE DEATH

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	10-14	<u>15-19</u>	20-24	25+	ALL
All	0	0	10,509	21,018	31,527	10,509	10,509	84,072

BRAINERD POLICE CONSOLIDATION ACCOUNT

DISABILITY RETIREMENTS AS OF JUNE 30, 1996

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u> 15-19</u>	20-24	<u>25+</u>	ALL
<50	0	0	0	0	0	0	0	0
50-54	0	0	0	0	0	0	0	Ŏ
55-59	0	0	0	0	0	0	0	0
60-64	0	0	0	0	0	0	0	0
65-69	0	0	0	0	0	0	0	A
70-74	0	0	0	0	0	0	0	0
75-79	0	0	0	0	0	0	0	0
80-84	0	0	0	0	0	0	0	0
85+	0	0	0	0	0	0	0	Ŏ
ALL	0	0	0	0	0	0	0	0: v

AVERAGE ANNUAL BENEFIT

YEARS DISABLED

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	25+	ALL
<50	0	0	0	0	0	0	0	0
50-54	0	0	0	0	0	0	0	Ŏ
55-59	0	0	0	0	0	0	0	0
60-64	0	0	0	0	0	0	0	0
65-69	0	0	0	0	0	0	0	0
70-74	0	0	0	0	0	0	0	0
75-79	0	0	0	0	0	0	0	0
80-84	0	0	0	0	0	0	0	Ŏ
85+	0	0	0	0	0	0	0	0
ALL	0	0	0	0	0	0	0	0

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS DISABLED

<u>Age</u>	<u><1</u>	<u>1-4</u>	5-9	10-14	<u>15-19</u>	20-24	25+	REEL CALLSTON
All	0		0	0	0	0		0

Brainerd Police Consolidation Account

Reconciliation Of Members

			Terminated		
		Actives	Deferred Retirement	Other Non-Vested	
A.	ON JUNE 30, 1995	0	0	0	
В.	ADDITIONS	8	0	0	
C.	DELETIONS 1. Service Retirement 2. Disability 3. Death-Survivor 4. Death-Other 5. Terminated - Deferred 6. Terminated - Refund 7. Terminated - Other Non-Vested 8. Returned as Active DATA ADJUSTMENTS Vested	0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0	
	Non-Vested	Ö			
E.	TOTAL ON JUNE 30, 1996	8	0	0	
			Recipients		
		Retirement Annuitants	Disabled	Survivors	
A.	ON JUNE 30, 1995	0	0	0	
B.	ADDITIONS	9	0	8	
C.	DELETIONS 1. Service Retirement 2. Death 3. Annuity Expired 4. Returned as Active	0 0 0 0	0 0 0 0	0 0 0 0	
D.	DATA ADJUSTMENTS	0	0	0	
E.	TOTAL ON JUNE 30, 1996	9	0	8	

Brainerd Police Consolidation Account

Actuarial Balance Sheet

(actual dollars)

A.	CURRENT ASSETS (0.52% of Table 1, F6)	\$3,933,447			
В.	. EXPECTED FUTURE ASSETS				
	 Present Value of Employee Contributions Present Value of Regular Municipal Contributions Present Value of Additional Municipal Contributions Total Expected Future Assets 	\$202,485 303,727 540,689 \$1,046,901			
C.	TOTAL CURRENT AND EXPECTED FUTURE ASSETS	\$4,980,348			
D.	CURRENT PENSION BENEFIT OBLIGATIONS				
	Retirees and Beneficiaries Currently Receiving Benefits and Terminated Employees Not Yet Receiving Benefits	\$2,117,641			
	2. Current Employees				
	 a. Accumulated Employee Contributions Including Allocated Investment Income* b. Employer-Financed Vested c. Employer-Financed Nonvested d. Total 	\$300,250 694,966 1,023,671	\$2,018,887		
	3. Total Pension Benefit Obligation		\$4,136,528		
E.	EXPECTED FUTURE PENSION BENEFIT OBLIGATION		\$843,820		
F.	TOTAL CURRENT AND EXPECTED FUTURE PENSION BENEFIT OBLIGATION	\$4,980,348			
G.	CURRENT UNFUNDED ACTUARIAL LIABILITY (D3-A)	\$203,081			
Н.	CURRENT AND FUTURE UNFUNDED ACTUARIAL LIAB	\$0			
*Estimated					

Brainerd Police Consolidation Account

Entry Age Normal Cost Calculations

(actual dollars)

Α.	DETERMINATION OF A CITYLARY	Number of Participants	Present Value of Projected Benefits	Actuarial Accrued Liabilities
A.	DETERMINATION OF ACTUARIAL ACCRUED LIABILITY (AAL)			
	1. Active Members			
	 a. Elected PERA Police and Fire 	0	\$0	\$0
	b. No Election (Greater Value)	8	2,862,707	2,215,731
	c. Total	8	\$2,862,707	\$2,215,731
	2. Former Members			
	a. Elected PERA Police and Fire	0	0	\$0
	b. No Election (Greater Value)	0	0	0
	c. Total	0	\$0	\$0
	3. Benefit Recipients			
	a. Elected PERA Police and Fire*	17	\$2,117,641	\$2,117,641
	b. Elected Relief Association	0	0	0
	c. Total	17	\$2,117,641	\$2,117,641
	4. Total			
	a. Elected PERA Police and Fire*	17	\$2,117,641	\$2,117,641
	b. Elected Relief Association	0	0	0
	c. No Election (Greater Value)	8	2,862,707	2,215,731
	d. Total	25	<u>\$4,980,348</u>	\$4,333,372
B.	DETERMINATION OF UNFUNDED A	CTUARIAL ACCI	RUED LIABILITY	(UAAL)
				•
	 AAL (A4) Current Assets (0.52% of Table 1,F6) 			\$4,333,372
	2. Current Assets (0.32% of Table 1,F6)			3,933,447
	3. UAAL (B1-B2)			<u>\$399,925</u>
C.	NORMAL COST			\$91,781

^{*} Includes MPRIF Reserves of \$2,029,762

Brainerd Police Consolidation Account

Net Actuarial Loss (Gain) (actual dollars)

A.	ACTUARIAL PRESENT VALUE OF PROJECTED BENEFITS (Table 9-152) 1. Elected PERA Police and Fire 2. Elected Relief Association 3. No Election (Greater Value) 4. Total	\$2,117,641 0 2,862,707 \$4,980,348
В.	PRESENT VALUE OF FUTURE EMPLOYEE CONTRIBUTIONS 1. Elected PERA Police and Fire 2. No Election (Greater Value)	\$0 \$202,485
	3. Total	\$202,485
C.	PRESENT VALUE OF FUTURE REGULAR MUNICIPAL CONTRIBUTIONS 1. Elected PERA Police and Fire 2. No Election (Greater Value) 3. Total	\$0 \$303,727 \$303,727
D.	CURRENT VALUE OF TOTAL ASSETS (0.52% of Table 1, F6)	\$3,933,447
E.	PRESENT VALUE OF FUTURE ADDITIONAL MUNICIPAL CONTRIBUTION	NS
	1. Initial contribution - Amortized Through December 31, 2010	\$1,505,994
	2. 15 year amortization of prior years' loss (gain)	0
	(Table 11, B.2.b + B.2.c + B.2.d + B.2.e+B.2.f + B.2.g + B.2.h) 3. Total	
	3. Total	\$1,505,994
F.	LOSS (GAIN) [A-B-C-D-E]	(\$965,305)
G.	ANALYSIS OF LOSS (GAIN)	
	1. MPRIF Mortality	\$247,463
	2. PERA Benefit Election	(493,581)
	3. Additional Contributions Made	181,353
	4. Other	(900,540)
	5. Total	(\$965,305)
H.	15 YEAR AMORTIZATION OF LOSS (GAIN)	(111,596)

Brainerd Police Consolidation Account

Determination of Statutory Contributions

(actual dollars)

JULY 1, 1996

				Percent of Payroll	Dollar Amount
A.	EMPLOYI	EE CONTRIBUTIONS		7.60%	\$26,587 *
B.		ER CONTRIBUTIONS ljustment For State Aid)			
	1. Regular	municipal contribution		11.40%	\$39,880 *
	2. Addition	nal municipal contribution			
		Date	Current	Last	Payment
		Established	Balance	Payment	Amount**
	a.	Initial	\$1,505,994	12/31/2010	\$174,104
	b.	07/01/88	\$0	12/31/2002	\$0
	c.	07/01/89	\$0	12/31/2003	\$0
	d.	07/01/90	\$0	12/31/2004	\$0
	e.	07/01/91	\$0	12/31/2005	\$0
	f.	07/01/92	\$0	12/31/2006	\$0
	g.	07/01/93	\$0	12/31/2007	\$0
	h.	07/01/94	\$0	12/31/2008	\$0
	i.	07/01/95	\$0	12/31/2009	\$0
	j.	07/01/96	(\$965,305)	12/31/2010	(\$111,596)
	k.	Total	\$540,689		\$62,508
C.	ESTIMAT	ED TOTAL STATUTORY C	ONTRIBUTION		\$128,975

^{*} Estimated based on prior years' payroll

^{**} Contribution is assumed to be paid on December 31, 1996

BUHL POLICE CONSOLIDATION ACCOUNT <u>ACTIVE MEMBERS AS OF JUNE 30, 1996</u>

Years of S	ervice
------------	--------

					01 001 11			
Age	<u>≤1</u>	1-4	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	<u>20-24</u>	25-29	30+ ALL
<25	0	0	0	0	0	0	0	0 0
25-29	0	0	0	0	0	0	0	o o
30-34	0	0	0	0	0	0	0	0 0
35-39	0	0	0	0	0	0	0	0 0
40-44	0	0	0	0	0	0	0	0
45-49	0	0	0	0	0	0	0	0 0
50-54	0	0	0	0	0	0	0	0
55-59	0	0	0	0	0	0	0	0 0
60-64	0	0	0	0	0	0	0	0 0
65+	0	0	0	0	0	0	0	0 0
ALL	0	0	0	0	0	0	0	0 0

AVERAGE ANNUAL EARNINGS

Years of Service

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	25-29	30+ ALL
<25	0	0	0	0	0	0	0	0 0
25-29	0	0	0	0	0	0	0	0
30-34	0	0	0	0	0	0	0	0 0
35-39	0	0	0	0	0	0	0	0 0
40-44	0	0	0	0	0	0	0	0 0
45-49	0	0	0	0	0	0	0	0 0
50-54	0	0	0	0	0	0	0	0
55-59	0	0	0	0	0	0	0	0
60-64	0	0	0	0	0	0	0	0 0
65+	0	0	0	0	0	0	0	0 0
ALL	0	0	0	0	0	0	0	0

PRIOR FISCAL YEAR EARNINGS (IN DOLLARS) BY YEARS OF SERVICE

A ~-		• •	~ ~	10 14		~~ ~ .	26.20		Andrew and the second
AVE	S 1	1-4	7-0	10-14	15_10	70.24	75.70	304	33 33 3 X X X X X X X X X X X X X X X X
		<u> </u>	3-7	10-14	13-17	20-24	LJ~L7	307	V0000 A151
Charles To the Control of the		 .							
	Section and a section of the section	医二氯化二酚 化邻氯基甲烷基 化多氮	a i gaga tana dan 11. Jawa 14.	er yay ing yang sa Pagasan di Pandan Sababah di Pagasan ya	e integrationale, remainiste de la	\$6-6606c6c6c6c6c6c6c6c6c	garataan ka ay araan ah ah ah a	er in a service of the contract of the contrac	assertion but of the Delivery to a
4 11 (0.43)	suži indebiloši i i 🗥 🧥 i						gade kyddaudddaacega bwyd rucidu',	. The second second second	
	25 8 8 6 7 7 7	and the second second second	art. 111 State of the College of the	e special i dell'i fatto e su usi uscololità l'est 🚹 l'e del		n i		As A transfer of the con-	Λ
4244	autori esti pertuelat ar i 🕡 e	U	e in a said and a Albert	94 T. T. G. 604 G. B. Q. DE 1 200 M. 100 G.		20000000091000000009	990 000 0 X 0000 1 X 10 X 10 X 10 X 10 X	eg graes is carries so s	Paragraphic and the second of the second

BUHL POLICE CONSOLIDATION ACCOUNT

SERVICE RETIREMENTS AS OF JUNE 30, 1996

YEA	RS	RETIRED	

<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	10-14	<u>15-19</u>	20-24	25+ ALL	
<50	0	0	0	0	0	0	0 0	
50-54	0	0	0	0	0	0	0 0	
55-59	0	0	0	0	0	0	0 0	
60-64	0	0	1	0	0	0	0 1	
65-69	0	0	0	0	0	0	0 0	
70-74	0	0	0	0	0	0	0 0	
75-79	0	0	0	0	0	0	0 0	
80-84	0	0	0	0	0	0	0 0	
85+	0	0	0	0	0	0	0 0	latera Janera
ALL	0	0	1	0	0	0	0 1	

AVERAGE ANNUAL BENEFIT

YEARS RETIRED

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	<u>25+</u>	<u>ALL</u>
<50	0	0	0	0	0	0	0	0
50-54	0	0	0	0	0	0	0	0
55-59	0	0	0	0	0	0	0	0
60-64	0	0	28,460	0	0	0	0	28,460
65-69	0	0	0	0	0	0	0	0
70-74	0	0	0	0	0	0	0	0
75-79	0	0	0	0	0	0	0	0
80-84	0	0	0	0	0	0	0	0
85+	0	0	0	0	0	0	0	0
ALL	0	0	28,460	0	0	0	0	28,460

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS RETIRED

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	15-19	20-24	25+	ALL
All	0	0	28,460	0	0	0	0	28,460

BUHL POLICE CONSOLIDATION ACCOUNT

SURVIVORS AS OF JUNE 30, 1996

YEARS SINCE DEATH

						~		
<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	25+	ALL
<50	0	0	0	0	0	0	0	0
50-54	0	0	0	0	0	0	0	Ŏ
55-59	0	0	0	0	0	0	0	0
60-64	0	0	0	0	0	0	Ö	0
65-69	0	0	0	0	0	0	0	0
70-74	0	0	0	1	0	0	Ö	ì
75-79	0	0	0	0	0	0	n	n
80-84	0	0	0	0	0	Ô	n	0
85+	0	0	0	0	0	Ö	0	- 44483841414 n .s.
ALL	0	0	0	1	0	0	0	

AVERAGE ANNUAL BENEFIT

YEARS SINCE DEATH

<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	<u>20-24</u>	<u>25</u> +	ALL
<50	0	0	0	0	0	0	0	0
50-54	0	0	0	0	0	0	0	0
55-59	0	0	0	0	0	0	0	0
60-64	0	0	0	0	0	0	0	0
65-69	0	0	0	0	0	0	0	0
70-74	0	0	0	14,801	0	0	0	14,801
75-7 9	0	0	0	0	0	0	0	n
80-84	0	0	0	0	0	Ō	ŏ	ŏ
85+	0	0	0	0	0	0	0	Ō
ALL	0	0	0	14,801	0	0	0	14,801

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS SINCE DEATH

Age	<u><1</u>	<u>1-4</u>	<u>5-9</u>	10-14	15-19	20-24	25+	ALT.
All	0	0	0	14,801	0	0	0	14,801

BUHL POLICE CONSOLIDATION ACCOUNT

DISABILITY RETIREMENTS AS OF JUNE 30, 1996

YEARS	DISABLED

<u>Age</u>	<u>≤1</u>	1-4	<u>5-9</u>	10-14	<u>15-19</u>	20-24	<u>25+</u>	ALL
<50	0	0	0	0	0	0		0
50-54	0	0	0	0	0	0	0	Ô
55-59	0	0	0	0	0	٥	0	Α
60-64	Ô	Ô	ň	n	0	0	0	U
	Ů	v	Ū	Ū	U	U	U	U
65-69	0	0	0	0	0	0	0	0
70-74	0	0	0	0	0	0	0	Õ
75-79	0	0	0	0	0	0	0	0
80-84	0	0	0	0	Ô	0	0	0
85+	0	0	Ô	0	Ő	0	0	0
ALL	0	gga in Ugarei		0	0	0	n	0
			AND TAX MARKS STREET	The second of the second of	, a rusti saasuu ja Turkuskii			ANY ANTONIO LA LA COMPANIA

AVERAGE ANNUAL BENEFIT

YEARS DISABLED

Age	<u><1</u>	1-4	<u>5-9</u>	10-14	<u>15-19</u>	20-24	25+	ALL
<50	0	0	0	0	0	0	0	0
50-54	0	0	0	0	0	0	0	0
55-59	0	0	0	0	0	0	0	0
60-64	0	0	0	0	0	0	0	0
65-69	0	0	0	0	0	0	0	a
70-74	0	0	0	0	0	0	Ö	0
75-79	0	0	0	0	0	0	0	0
80-84	0	0	0	0	0	0	0	Ô
85+	0	0	0	0	0	0	Ö	0
ALL	0	0	0	0	0	0	0	0

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS DISABLED

				•		<i>,</i>		
Λαο	_1	1 /						
A2C	~1	1-4	7-9	10-14	15.10	20.74	251	「Angle Carl of Carl and Tartific Transport Carl of Carl and Carl
		<u></u>	<u> </u>	10-17	13-17	ZU-Z4	/.T+	: 6-1 (1498) 4 19 Δ 1 1 1 ₹ 19 6 € 19 6 € 19 6
	CORD CONTRACTOR OF THE PARTY	2010 CONTRACTOR STATE AND ADDRESS OF				<u>=-v v</u>	<u> </u>	
					Mic MONYHOLDSON, policy was a second	previous contracts and authorized	CONTRACTOR CONTRACTOR CONTRACTOR	
Δ11	sa situ 16 di Palanda da Cari	er fra kristoper i de nobilitati. Note ar sistem 🐧 et 200 filoso		All the wife of the state of the state of	1450 Million A. C. C. Strategick (147 1997)	GE 54 CONTRACTOR CONTRACTOR AND ADDRESS OF THE		SSSS CONTROLLER A MARION PARA PARA PARA PARA PARA PARA PARA PAR
Jul		G	599-599-591, NSSS 0.4 1888-5	U			e seconocione romanes 🔥 .	
A 2011 1224 2					and the reserve to the state of the first of the			

Reconciliation Of Members

			Termi	nated
			Deferred	Other
		Actives	Retirement	Non-Vested
A.	ON JUNE 30, 1995	0	0	0
B.	ADDITIONS	0	0	0
C.	DELETIONS 1. Service Retirement 2. Disability 3. Death-Survivor 4. Death-Other 5. Terminated - Deferred 6. Terminated - Refund 7. Terminated - Other Non-Vested 8. Returned as Active	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0
D.	DATA ADJUSTMENTS	0	0	0
E.	Vested Non-Vested TOTAL ON JUNE 30, 1996	0 0 0	0	
		Retirement Annuitants	Recipients Disabled	Survivors
A.	ON JUNE 30, 1995	2	0	1
B.	ADDITIONS	0	0	0
C.	DELETIONS 1. Service Retirement 2. Death 3. Annuity Expired 4. Returned as Active	0 (1) 0 0	0 0 0 0	0 0 0 0
D.	DATA ADJUSTMENTS	0	0	0
E.	TOTAL ON JUNE 30, 1996	1	0	1

Actuarial Balance Sheet

(actual dollars)

A.	CURRENT ASSETS (0.14% of Table 1, F6)		\$1,079,980
В.	EXPECTED FUTURE ASSETS		
	 Present Value of Employee Contributions Present Value of Regular Municipal Contributions Present Value of Additional Municipal Contributions Total Expected Future Assets 		\$0 0 (537,859) (\$537,859)
C.	TOTAL CURRENT AND EXPECTED FUTURE ASSETS		\$542,121
D.	CURRENT PENSION BENEFIT OBLIGATIONS		
	Retirees and Beneficiaries Currently Receiving Benefits and Terminated Employees Not Yet Receiving Benefits		\$542,121
	2. Current Employees		
	 a. Accumulated Employee Contributions Including Allocated Investment Income* b. Employer-Financed Vested c. Employer-Financed Nonvested d. Total 	\$0 0 0	\$0
	3. Total Pension Benefit Obligation		\$542,121
E.	EXPECTED FUTURE PENSION BENEFIT OBLIGATION		\$0
F.	TOTAL CURRENT AND EXPECTED FUTURE PENSION BENEFIT OBLIGATION		\$542,121
G.	CURRENT UNFUNDED ACTUARIAL LIABILITY (D3-A)		(\$537,859)
H.	CURRENT AND FUTURE UNFUNDED ACTUARIAL LIABILITY	(F-C)	\$0
*Es	stimated		

Entry Age Normal Cost Calculations

(actual dollars)

		Number of Participants	Present Value of Projected Benefits	Actuarial Accrued Liabilities
A.	DETERMINATION OF ACTUARIAL ACCRUED LIABILITY (AAL)			
	1. Active Members			
	a. Elected PERA Police and Fire	0	\$0	\$0
	b. No Election (Greater Value)	0	0	0
	c. Total	0	\$0	\$0
	2. Former Members			
	a. Elected PERA Police and Fire	0	0	\$0
	b. No Election (Greater Value)	0	0	0
	c. Total	0	\$0	\$0
	3. Benefit Recipients			
	a. Elected PERA Police and Fire*	2	\$542,121	\$542,121
	b. Elected Relief Association	0	0	0
	c. Total	2	\$542,121	\$542,121
	4. Total			
	a. Elected PERA Police and Fire*	2	\$542,121	\$542,121
	b. Elected Relief Association	0	0	0
	c. No Election (Greater Value)	0	0	0
	d. Total	2	\$542,121	\$542,121
В.	DETERMINATION OF UNFUNDED A	ACTUARIAL ACC	RUED LIABILITY	(UAAL)
	1. AAL (A4)			\$542,121
	2. Current Assets (0.14% of Table 1,F6))		1,079,980
	3. UAAL (B1-B2)			(\$537,859)
C.	NORMAL COST			\$0

^{*} Includes MPRIF Reserves of \$542,121

Net Actuarial Loss (Gain) (actual dollars)

A.	ACTUARIAL PRESENT VALUE OF PROJECTED BENEFITS (Table 9-077) 1. Elected PERA Police and Fire 2. Elected Relief Association 3. No Election (Greater Value) 4. Total	\$542,121 0 0 \$542,121
В.	PRESENT VALUE OF FUTURE EMPLOYEE CONTRIBUTIONS	
	1. Elected PERA Police and Fire	\$0
	2. No Election (Greater Value)	\$0
	3. Total	\$0
C.	PRESENT VALUE OF FUTURE REGULAR MUNICIPAL CONTRIBUTIONS	
С.	1. Elected PERA Police and Fire	
	2. No Election (Greater Value)	\$0
	3. Total	\$0
	- Total	\$0
D.	CURRENT VALUE OF TOTAL ASSETS (0.14% of Table 1, F6)	\$1,079,980
E.	PRESENT VALUE OF FUTURE ADDITIONAL MUNICIPAL CONTRIBUTION	NS.
	1. Initial contribution - Amortized Through December 31, 2010	\$82,659
	2. 15 year amortization of prior years' loss (gain)	(244,726)
	(Table 11, B.2.b + B.2.c + B.2.d + B.2.e+B.2.f + B.2.g + B.2.h)	(211,720)
	3. Total	(\$162,067)
_	_	
F.	LOSS (GAIN) [A-B-C-D-E]	(\$375,792)
G	ANALVEICOELOCC (CARD	· · · · · · · · · · · · · · · · · · ·
U.	ANALYSIS OF LOSS (GAIN) 1. MPRIF Mortality	
	2. PERA Benefit Election	(\$336,638)
	3. Additional Contributions Made	0
	4. Other	(23,130)
	5. Total	(16,024)
	=	(\$375,792)
H.	15 YEAR AMORTIZATION OF LOSS (GAIN)	(43,444)

Determination of Statutory Contributions

(actual dollars)

				Percent of Payroll	Dollar Amount
A.	EMPLOYE	EE CONTRIBUTIONS		7.60%	\$0 *
B.		ER CONTRIBUTIONS justment For State Aid)	·		
	1. Regular	municipal contribution		11.40%	\$0 *
	2. Addition	nal municipal contribution			
		Date	Current	Last	Payment
		Established	Balance	Payment	Amount**
	a.	Initial	\$82,659	12/31/2010	\$9,556
	b.	07/01/88	\$1,903	12/31/2002	\$357
	c.	07/01/89	\$88	12/31/2003	\$15
	d.	07/01/90	(\$22,971)	12/31/2004	(\$3,604)
	e.	07/01/91	(\$239)	12/31/2005	(\$35)
	f.	07/01/92	(\$51,946)	12/31/2006	(\$7,156)
	g.	07/01/93	(\$155,251)	12/31/2007	(\$20,293)
	h.	07/01/94	(\$3,068)	12/31/2008	(\$383)
	i.	07/01/95	(\$13,241)	12/31/2009	(\$1,587)
	j.	07/01/96	(\$375,792)	12/31/2010	(\$43,444)
	k.	Total	(\$537,859)		(\$66,574)
C.	ESTIMAT	ED TOTAL STATUTORY O	CONTRIBUTION		(\$66,574)

^{*} Estimated based on prior years' payroll

^{**} Contribution is assumed to be paid on December 31, 1996

ACTIVE MEMBERS AS OF JUNE 30, 1996

X 7		~	
Years	ΛŦ		TVICE

Age	<u><1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	<u>25-29</u>	<u>30+</u> <u>ALL</u>
<25	0	0	0	0	0	0	0	0 0
25-29	0	0	0	0	0	0	0	0 0
30-34	0	0	0	0	0	0	0	0 0
35-39	0	0	0	0	0	0	0	0
40-44	0	0	0	0	0	0	0	0 0
45-49	0	0	0	0	0	0	0	0 0
50-54	0	0	0	0	0	0	0	1
55-59	0	0	0	0	0	0	1	0
60-64	0	0	0	0	0	0	0	0
65+	0	0	0	0	0	0	0	0 0
ALL	0	0	0	0	0	0	1	1 2

AVERAGE ANNUAL EARNINGS

Years of Service

				14	****************				
<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u> 15-19</u>	<u>20-24</u>	<u>25-29</u>	<u>30+</u>	ALL
<25	0	0	0	0	0	0	0	0	0
25-29	0	0	0	0	0	0	0	0	0
30-34	0	0	0	0	0	0	0	0	0
35-39	0	0	0	0	0	0	0	0	0
40-44	0	0	0	0	0	0	0	0	0
45-49	0	0	0	0	0	0	0	0	0
50-54	0	0	0	0	0	0	0	38,772	38,772
55-59	0	0	0	0	0	0	39,520	0	39,520
60-64	0	0	0	0	0	0	0	0	0
65+	0	0	0	0	0	0	0	0	0
ALL	0	0	0	0	0	0	39,520	38,772	39,146

PRIOR FISCAL YEAR EARNINGS (IN DOLLARS) BY YEARS OF SERVICE

<u>Age</u>	<u>≤1</u>	<u>1-4</u>	<u>5-9</u>	<u> 10-14</u>	<u>15-19</u>	20-24	<u>25-29</u>	<u>30+</u>	ALL
All	0	0	0	0	0	0	39,520	38,772	78,292

SERVICE RETIREMENTS AS OF JUNE 30, 1996

YE.	ΑĐ	C	D	r'T'	П	ED	
II.	ΑК		ĸ	r. 1	ıк	r.IJ	

	·							
<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	<u>20-24</u>	<u>25+</u>	ALL
<50	0	0	0	0	0	0	0	0
50-54	0	0	0	0	0	0	0	0
55-59	0	1	0	0	0	0	0	
60-64	0	0	0	0	0	Ö	0	0
65-69	0	0	0	2	0	0	0	2
70-74	0	0	0	1	0	0	0	ī
75-79	0	0	0	0	0	1	0	1
80-84	0	0	0	0	0	0	0	0
85+	0	0	0	0	0	0	0	0
ALL	0	1	0	3	0	1	0	5

AVERAGE ANNUAL BENEFIT

YEARS RETIRED

<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	<u>20-24</u>	<u>25+</u>	ALL
<50	0	0	0	0	0	0	0	0
50-54	0	0	0	0	0	0	0	0
55-59	0	31,255	0	0	0	0	0	31,255
60-64	0	0	0	0	0	0	0	0
65-69	0	0	0	22,989	0	0	0	22,989
70-74	0	0	0	22,284	0	0	0	22,284
75-79	0	0	0	0	0	13,446	0	13,446
80-84	0	0	0	0	0	0	0	0
85+	0	0	0	0	0	0	0	0
ALL	0	31,255	0	22,754	0	13,446	0	22,593

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS RETIRED

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	10-14	15-19	20-24	25+	ALL
All	0	31,255	0	68,262	0	13,446	0	112,965

SURVIVORS AS OF JUNE 30, 1996

YEARS SINCE DEATH

						_		
<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	15-19	20-24	<u>25+</u>	ALL
<50	0	0	0	0	0	0	0	0
50-54	0	0	0	0	0	0	0	0
55-59	0	0	0	0	0	0	0	0
60-64	0	0	0	0	0	0	0	0
65-69	0	0	0	0	0	1	0	1
70-74	0	0	0	0	0	Ī	1	2
75-79	0	0	0	0	0	0	0	0
80-84	0	0	0	0	0	0	1	
85+	0	0	0	0	0	0	2	1 2
ALL	0	0	이 가는 사용일하다	0	0	2	4	6

AVERAGE ANNUAL BENEFIT

YEARS SINCE DEATH

						_		
<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	<u>20-24</u>	<u>25+</u>	<u>ALL</u>
<50	0	0	0	0	0	0	0	0
50-54	0	0	0	0	0	0	0	0
55-59	0	0	0	0	0	0	0	0
60-64	0	0	0	0	0	0	0	0
65-69	0	0	0	0	0	2,532	0	2,532
70-74	0	0	0	0	0	5,483	2,823	4,153
75-79	0	0	0	0	0	0	0	0
80-84	0	0	0	0	0	0	2,823	2,823
85+	0	0	0	0	0	0	2,550	2,550
ALL	0	0	0	0	0	4,008	2,687	3.127

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS SINCE DEATH

<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	10-14	15-19	20-24	25+	ALL
All	0		0	0	0	The state of the s	10,748	

DISABILITY RETIREMENTS AS OF JUNE 30, 1996

VE	٨	DC	n	TC	A	DI	FD	
II C.	. 1		,	13	А	n.		

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	<u>20-24</u>	<u>25+</u>	<u>ALL</u>
<50	0	0	0	0	0	0	0	0
50-54	0	0	0	0	0	0	0	0
55-59	0	0	0	0	0	0	0	0
60-64	0	0	0	0	0	0	0	0
65-69	0	0	0	0	0	0	0	0
70-74	0	0	0	0	0	0	0	Ò
75-79	0	0	0	0	0	0	0	0
80-84	0	0	0	0	0	0	0	0
85+	0	0	0	0	0	0	0	0
ALL	0	- 11	0	0 · ·	0	0	0	0

AVERAGE ANNUAL BENEFIT

YEARS DISABLED

Age	<u><1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	<u>25+</u>	<u>ALL</u>
<50	0	0	0	. 0	0	0	0	0
50-54	0	0	0	0	0	0	0	0
55-59	0	0	0	0	0	0	0	0
60-64	0	0	0	0	0	0	0	0
65-69	0	0	0	0	0	0	0	0
70-74	0	0	0	0	0	0	0	0
75-79	0	0	0	0	0	0	0	0
80-84	0	0	0	0	0	0	0	0
85+	0	0	0	0	0	0	0	0
ALL	0	0	0	0	0	0	0	0

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS DISABLED

									
<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	10-14	15-19	20-24	25+	ALL	10 Y 2
Ail	0	0	0	0	0	o	o)

Reconciliation Of Members

			Termin	nated
		Actives	Deferred Retirement	Other Non-Vested
A.	ON JUNE 30, 1995	2	0	0
В.	ADDITIONS	0	0	0
C.	DELETIONS 1. Service Retirement 2. Disability 3. Death-Survivor	0 0 0	0 0 0	0 0 0
	 Death-Other Terminated - Deferred Terminated - Refund Terminated - Other Non-Vested Returned as Active 	0 0 0 0	0 0 0 0	0 0 0 0
D.	DATA ADJUSTMENTS	0	0	0
	Vested Non-Vested	2 0		
E.	TOTAL ON JUNE 30, 1996	2	0	0
		Retirement Annuitants	Recipients Disabled	Survivors
A.	ON JUNE 30, 1995	6	0	6
В.	ADDITIONS	0	0	1
C.	DELETIONS 1. Service Retirement 2. Death 3. Annuity Expired 4. Returned as Active	0 (1) 0 0	0 0 0 0	0 (1) 0 0
D.	DATA ADJUSTMENTS	0	0	0
E.	TOTAL ON JUNE 30, 1996	5	0	6

Actuarial Balance Sheet

(actual dollars)

A.	CURRENT ASSETS (0.25% of Table 1, F6)		\$1,891,087
В.	EXPECTED FUTURE ASSETS		
	 Present Value of Employee Contributions Present Value of Regular Municipal Contributions Present Value of Additional Municipal Contributions Total Expected Future Assets 		\$32,415 48,622 76,349 \$157,386
C.	TOTAL CURRENT AND EXPECTED FUTURE ASSETS		\$2,048,473
D.	CURRENT PENSION BENEFIT OBLIGATIONS		
	1. Retirees and Beneficiaries Currently Receiving Benefits and Terminated Employees Not Yet Receiving Benefits		\$1,380,295
	2. Current Employees		
	 a. Accumulated Employee Contributions Including Allocated Investment Income* b. Employer-Financed Vested c. Employer-Financed Nonvested d. Total 	\$86,088 475,836 0	\$561,924
	3. Total Pension Benefit Obligation		\$1,942,219
E.	EXPECTED FUTURE PENSION BENEFIT OBLIGATION		\$106,254
F.	TOTAL CURRENT AND EXPECTED FUTURE PENSION BENEFIT OBLIGATION		\$2,048,473
G.	CURRENT UNFUNDED ACTUARIAL LIABILITY (D3-A)		\$51,132
H.	CURRENT AND FUTURE UNFUNDED ACTUARIAL LIABILIT	ΓΥ (F-C)	\$0
*Es	timated		

Entry Age Normal Cost Calculations

(actual dollars)

A.	DETERMINATION OF ACTUARIAL	Number of Participants	Present Value of Projected Benefits	Actuarial Accrued Liabilities
	ACCRUED LIABILITY (AAL)			
	1. Active Members			
	a. Elected PERA Police and Fire	2	\$668,178	\$590,538
	b. No Election (Greater Value)	0 2	0	0
	c. Total	2	\$668,178	\$590,538
	2. Former Members			
	a. Elected PERA Police and Fire	0	0	\$0
	b. No Election (Greater Value)	0	ŏ	0
	c. Total	0	\$0	\$0
	2 Donofit Dosimionts			
	3. Benefit Recipients a. Elected PERA Police and Fire*	1 1	\$1.200.20 <i>c</i>	#
	b. Elected Relief Association	11 0	\$1,380,295	\$1,380,295
	c. Total	11	\$1,380,295	\$1,380,295
			41,500,275	Ψ1,500,275
	4. Total			
	a. Elected PERA Police and Fire*	13	\$2,048,473	\$1,970,833
	b. Elected Relief Association	0	0	0
	c. No Election (Greater Value)d. Total	0	0	0
	u. Totai	13	<u>\$2,048,473</u>	\$1,970,833
В.	DETERMINATION OF UNFUNDED A	CTUARIAL ACC	RUED LIABILITY	(UAAL)
	1. AAL (A4)			\$1,970,833
	2. Current Assets (0.25% of Table 1,F6)			1,891,087
	2 HAAL (D1 D2)			· ··
	3. UAAL (B1-B2)			\$79,746
C.	NORMAL COST			\$15,233

^{*} Includes MPRIF Reserves of \$1,295,218

Net Actuarial Loss (Gain) (actual dollars)

A.	ACTUARIAL PRESENT VALUE OF PROJECTED BENEFITS (Table 9-091) 1. Elected PERA Police and Fire 2. Elected Relief Association 3. No Election (Greater Value) 4. Total	\$2,048,473 0 0 \$2,048,473
B.	PRESENT VALUE OF FUTURE EMPLOYEE CONTRIBUTIONS 1. Elected PERA Police and Fire 2. No Election (Greater Value) 3. Total	\$32,415 \$0 \$32,415
C.	PRESENT VALUE OF FUTURE REGULAR MUNICIPAL CONTRIBUTIONS 1. Elected PERA Police and Fire 2. No Election (Greater Value) 3. Total	\$48,622 \$0 \$48,622
D.	CURRENT VALUE OF TOTAL ASSETS (0.25% of Table 1, F6)	\$1,891,087
E.	PRESENT VALUE OF FUTURE ADDITIONAL MUNICIPAL CONTRIBUTIONAL Initial contribution - Amortized Through December 31, 2010 2. 15 year amortization of prior years' loss (gain) (Table 11, B.2.b + B.2.c + B.2.d + B.2.e+B.2.f + B.2.g + B.2.h) 3. Total	\$391,740 (251,677) \$140,063
F.	LOSS (GAIN) [A-B-C-D-E]	(\$63,714)
G.	ANALYSIS OF LOSS (GAIN) 1. MPRIF Mortality 2. PERA Benefit Election 3. Additional Contributions Made 4. Other 5. Total	(\$49,249) 0 0 (14,465) (\$63,714)
H.	15 YEAR AMORTIZATION OF LOSS (GAIN)	(7,366)

Determination of Statutory Contributions

(actual dollars)

JULY 1, 1996

				Percent of Payroll	Dollar Amount
A.	EMPLOYE	EE CONTRIBUTIONS		7.60%	\$5,950 *
В.		ER CONTRIBUTIONS justment For State Aid)			
	1. Regular	municipal contribution		11.40%	\$8,925 *
	2. Addition	nal municipal contribution			
		Date	Current	Last	Payment
		Established	Balance	Payment	Amount**
	a.	Initial	\$391,740	12/31/2010	\$45,288
	b.	07/01/88	\$0	12/31/2002	\$0
	c.	07/01/89	\$0	12/31/2003	\$0
	đ.	07/01/90	\$0	12/31/2004	\$0
	e.	07/01/91	\$215,028	12/31/2005	\$31,462
	f.	07/01/92	(\$92,452)	12/31/2006	(\$12,736)
	g.	07/01/93	(\$127,304)	12/31/2007	(\$16,640)
	h.	07/01/94	(\$149,512)	12/31/2008	(\$18,663)
	i.	07/01/95	(\$97,436)	12/31/2009	(\$11,678)
	j.	07/01/96	(\$63,714)	12/31/2010	(\$7,366)
	k.	Total	\$76,349		\$9,667

C. ESTIMATED TOTAL STATUTORY CONTRIBUTION

\$24,542

^{*} Estimated based on prior years' payroll

^{**} Contribution is assumed to be paid on December 31, 1996

CHISHOLM POLICE CONSOLIDATION ACCOUNT <u>ACTIVE MEMBERS AS OF JUNE 30, 1996</u>

					Yea	ars of Servi	ce			
<u>Age</u>	<u><1</u>	****	<u>1-4</u>	<u>5-9</u>	10-14	<u>15-19</u>	<u>20-24</u>	25-29	30+ AI	L
<25		0	0	0	0	0	0			
25-29		0	0	0	0	0	0	0	ŏ	0
30-34		0	0	0	0	0	0	0	0	0
35-39		0	0	0	0	0	0	0	0	0
40-44		0	0	0	0	0	0	0	n	Λ
45-49		0	0	0	0	0	Ö	ő	Ŏ	0
50-54		0	0	0	0	0	0	0	1	ī
55-59		0	0	0	0	0	0	0	0	0
60-64		0	0	0	0	0	0	0	0	0
65+		0	0	0	0	0	0	0	Ö	0
ALL	A DAVID THE	0	0	0	0	0	0	0	1	1

AVERAGE ANNUAL EARNINGS

_				Yea	ars of Servi	ce			
<u>Age</u>	≤1	1-4	<u>5-9</u>	10-14	<u>15-19</u>	20-24	25-29	30+ ALL	
<25	0	0	0	0	0	0	0	0 2	۵
25-29	0	0	0	0	0	0	0	ŏ	0
30-34	0	0	0	0	0	0	0	0	O
35-39	0	0	0	0	0	0	0	0	0
40-44	0	0	0	0	0	0	0	0	0
45-49	0	0	0	0	0	0	0	0	ŏ
50-54	0	0	0	0	0	0	0	45,315 45,31	5
55-59	0	0	0	0	0	0	0	0	0
60-64	0	0	0	0	0	0	0	0	n
65+	0	0	0	0	0	0	Õ	Ŏ	ŏ
ALL	0	0	0	0	0	0	0	45,315 45,31	5

	PR	IOR FIS	CAL YEAR	EARNINGS	S (IN DOL	LARS) BY	YEARS O	F SERVICE	
<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	10-14	<u>15-19</u>	20-24	25-29	30+ ALL	-
All	0	0	0	0	0	0	0	45,315 45,315	

SERVICE RETIREMENTS AS OF JUNE 30, 1996

YEA	DC	DT	TID	L.D.
1 147		T. I'		r

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	10-14	<u>15-19</u>	20-24	25+	ALL
<50	0	0	0	0	0	0		0
50-54	0	0	0	0	0	0	0	0
55-59	0	0	0	0	0	0	0	0
60-64	0	0	0	0	1	0	0	1
65-69	0	0	0	2	0	0	0	9
70-74	0	0	0	0	0	Ō	Ŏ	Õ
75-79	0	0	0	0	1	0	n	1
80-84	0	0	0	0	0	i	0	1
85+	0	0	0	0	0	0	0	Ô
ALL	0	0	0	2	2	1	0	5

AVERAGE ANNUAL BENEFIT

YEARS RETIRED

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	10-14	<u>15-19</u>	20-24	25+	ALL
<50	0	0	0	0	0	0		0
50-54	0	0	0	0	0	0	Ö	0
55-59	0	0	0	0	0	0	0	n
60-64	0	0	0	0	16,776	0	o	16,776
65-69	0	0	0	24,906	0	0	0	24,906
70-74	0	0	0	0	0	0	0	0
75-79	0	0	0	0	18,502	0	0	18,502
80-84	0	0	0	0	0	11,908	0	11,908
85+	0	0	0	0	0	0	0	0
ALL	0	0	0	24,906	17,639	11,908	0	19,400

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS RETIRED

						· , ·		
A ce	< 1	1 /	50	10 14	15 10			
<u> </u>	~1	1-4	3-7	10-14	15-19	20-24	ኅፍ⊥	AT I A
	· · · · · · ·			10 1	13-17	20-24	237	2010-000-1100-1441 MM 1200-0010-0000
- 10 BOND - 10 B	的复数化环烷 化二氯化二氯烷	Otali ika waanmatamaka istii ilka	Proceedings and services are serviced as	White the for the party product of the first of the same				
All	•	Λ				4.559(5.653)349(444)45(565)1113	Gradients (Sections)	- 14 - 15 15 16 16 16 16 16 16 16 16 16 16 16 16 16
All	9660 B.F. B. B. 198			3/0 O 10	25 770	11008		
	prophysical interpretation is		V	47 O L		I I UIIX		07 ሰለሰ
	the second control of the control of	a in water with an are the contract of which		,,,,,,		11,700	Salam ar Albanda (1984) 🚺 📑	71.(11)

SURVIVORS AS OF JUNE 30, 1996

YEARS	SINCE	DEATH
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						_		
Age	<u>≤1</u>	<u>1-4</u>	<u>5-9</u>	10-14	<u>15-19</u>	20-24	25+	ALL
<50	0	0	0	0	0	0		
50-54	0	0	0	0	0	Ö	0	0
55-59	0	0	0	0	0	0	0	0
60-64	0	0	0	0	Ö	Ŏ	0	0
65-69	0	0	0	0	0	1	0	
70-74	0	0	0	0	0	0	0	
75-79	0	0	0	0	0	1	n	
80-84	0	0	0	0	0	0	0	ń
85+	0	0	0	0	0	0	0	ŏ
ALL	0	0	0	0	0	2	0	2

AVERAGE ANNUAL BENEFIT

YEARS SINCE DEATH

<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	10-14	<u>15-19</u>	20-24	<u>25+</u>	ALL
<50	0	0	0	. 0	0	0	0	0
50-54	0	0	0	0	0	Ō	Õ	Ŏ
55-59	0	0	0	0	0	0	0	<u> </u>
60-64	0	0	Ö	0	n	Ů	0	n
(5.70	•	•		_	v	v	U	
65-69	U	U	0	0	0	2,823	0	2,823
70-74	0	0	0	0	0	0	0	0
75-79	0	0	0	0	0	2,823	0	2,823
80-84	0	0	0	0	0	0	Ŏ	2,020
85+	0	0	0	0	0	0	Ŏ	ŏ
ALL	0	0	0	0	0	2,823	0	2,823

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS SINCE DEATH

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	10-14	15-19	20-24	25+	ALL
All	0	0	0	0	0	2,040	\$4.5 A. A. A. A. A. A.	5646

DISABILITY RETIREMENTS AS OF JUNE 30, 1996

YEARS I	DISA	BLED
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					_			
Age	<u><1</u>	1-4	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	25+	ALL
<50	0	0	0	0	0	0	0	0
50-54	0	0	0	0	0	0	0	0
55-59	0	0	0	n	Λ	0	0	
	Ŭ	U	U	U	v	U	U	- 13 SAME TO 10 PM
60-64	0	0	0	0	0	0	0	0
65-69	0	0	0	0	0	0	0	0
70-74	0	0	0	0	0	Ō	0	Ŏ
75-79	0	0	0	0	0	0	0	n
00.04	•	_	_	-	-	•	v	.
80-84	U	U	0	0	0	0	0	0
85+	0	0	0	0	0	Ô	ō	Ŏ
ALL	0	0	0	0	0	0	0	0

AVERAGE ANNUAL BENEFIT

YEARS DISABLED

<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	<u>25+</u>	ALL
<50	0	0	0	0	0	0	0	0
50-54	0	0	0	0	0	0	0	0
55-59	0	n	0	Λ	Λ	٥		
	•	U	v	U	U	U	U	i produktiva Universita
60-64	0	0	0	0	0	0	0	0
65-69	0	0	0	0	0	0	٥	1
	_		•	v	U	v	U	- 1 a - 1 a
70-74	0	0	0	0	0	0	0	0
75-79	0	0	0	0	0	0	0	0
80-84	0	0	0	0	0	0	n	0
85+	0	0	0	ņ	Ô	ň	0	ň
	ALL MAN	-	., ,, ,	•			U	
ALL	0	0	0	0	0	0	0	0

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS DISABLED

_						,		
. –				_				
Age	<i< th=""><th>1-4</th><th>50</th><th>10 14</th><th>15 10</th><th>20.24</th><th>25.</th><th>ACTOR CONT. ACTOR CO.</th></i<>	1-4	50	10 14	15 10	20.24	25.	ACTOR CONT. ACTOR CO.
2150		177	J-7	10-14	12-13	20-24	20±	A L
	WHAT SERVICE A STATE OF THE WAY	SAME AND A STREET OF THE STREET	ACT ATT A MARKETON CONTRACTOR			=	<u> </u>	<u> </u>
4 11	A	Maria Maria Albara 🚊 💎 🦠					THE REPORT OF THE PARTY OF THE	3856 BB 8686 BB 8686 BB 866 BB 86
All	January (1984)	0		n i		0	·	terioscolitorio a programa (a 1946). Aug. 🧥 👝 💎
						18 O	o de la companiona de l	

Reconciliation Of Members

			Termi	nated
			Deferred	Other
		Actives	Retirement	Non-Vested
A.	ON JUNE 30, 1995	1	0	0
В.	ADDITIONS	0	0	0
C.	DELETIONS			
	1. Service Retirement	0	0	0
	2. Disability	0	0	0
	3. Death-Survivor	0	0	0
	4. Death-Other	0	0	0
	5. Terminated - Deferred	0	0	0
	6. Terminated - Refund	0	0	0
	7. Terminated - Other Non-Vested	0	0	0
	8. Returned as Active	0	0	0
D.	DATA ADJUSTMENTS	0	0	0
	Vested	1		
	Non-Vested	0		
		U		
E.	TOTAL ON JUNE 30, 1996	1	0	0
			Recipients	
		Retirement		
		Annuitants	Disabled	Survivors
A.	ON JUNE 30, 1995	5	0	2
B.	ADDITIONS	0	0	0
C.	DELETIONS			Ç
	1. Service Retirement	0	0	•
	2. Death	0	0 0	0
	3. Annuity Expired	0	0	0
	4. Returned as Active	0	0	0
D.	DATA ADJUSTMENTS	0	0	0
Е	TOTAL ON HINE 22 122			
E.	TOTAL ON JUNE 30, 1996	5	0	2

Actuarial Balance Sheet

(actual dollars)

A.	CURRENT ASSETS (0.16% of Table 1, F6)		\$1,213,851
В.	EXPECTED FUTURE ASSETS		
	 Present Value of Employee Contributions Present Value of Regular Municipal Contributions Present Value of Additional Municipal Contributions Total Expected Future Assets 		\$21,618 32,427 155,528 \$209,573
C.	TOTAL CURRENT AND EXPECTED FUTURE ASSETS		\$1,423,424
D.	CURRENT PENSION BENEFIT OBLIGATIONS		
	Retirees and Beneficiaries Currently Receiving Benefits and Terminated Employees Not Yet Receiving Benefits		\$1,028,294
	2. Current Employees		
	Including Allocated Investment Income*	\$48,220 276,679 0	\$324,899
	3. Total Pension Benefit Obligation		\$1,353,193
E.	EXPECTED FUTURE PENSION BENEFIT OBLIGATION		\$70,231
F.	TOTAL CURRENT AND EXPECTED FUTURE PENSION BENEFIT OBLIGATION		\$1,423,424
G.	CURRENT UNFUNDED ACTUARIAL LIABILITY (D3-A)		\$139,342
H.	CURRENT AND FUTURE UNFUNDED ACTUARIAL LIABILIT	Y (F-C)	\$0
*Es	stimated		

Entry Age Normal Cost Calculations

(actual dollars)

		Number of Participants	Present Value of Projected Benefits	Actuarial Accrued Liabilities
A.	DETERMINATION OF ACTUARIAL ACCRUED LIABILITY (AAL)			
	1. Active Members			
	a. Elected PERA Police and Fire	1	\$395,130	\$344,407
	b. No Election (Greater Value)	0	0	0
	c. Total	1	\$395,130	\$344,407
	2. Former Members			
	a. Elected PERA Police and Fire	0	0	\$0
	b. No Election (Greater Value)	0	0	0
	c. Total	0	\$0	\$0
	3. Benefit Recipients			
	a. Elected PERA Police and Fire*	7	\$1,028,294	\$1,028,294
	b. Elected Relief Association	0	0	0
	c. Total	7	\$1,028,294	\$1,028,294
	4. Total			
	a. Elected PERA Police and Fire*	8	\$1,423,424	\$1,372,701
	b. Elected Relief Association	0	0	0
	c. No Election (Greater Value)	0	0	0
	d. Total	8	\$1,423,424	\$1,372,701
B.	DETERMINATION OF UNFUNDED A	CTUARIAL ACCR	UED LIABILITY	(UAAL)
	1. AAL (A4)			\$1,372,701
	2. Current Assets (0.16% of Table 1,F6)			1,213,851
	3. UAAL (B1-B2)			\$158,850
C.	NORMAL COST			\$8,606

^{*} Includes MPRIF Reserves of \$1,005,649

Net Actuarial Loss (Gain) (actual dollars)

A.	ACTUARIAL PRESENT VALUE OF PROJECTED BENEFITS (Table 9-092) 1. Elected PERA Police and Fire 2. Elected Relief Association 3. No Election (Greater Value) 4. Total	\$1,423,424 0 0 \$1,423,424
В.	PRESENT VALUE OF FUTURE EMPLOYEE CONTRIBUTIONS	
	1. Elected PERA Police and Fire	\$21,618
	2. No Election (Greater Value)	\$0
	3. Total	\$21,618
C	PRESENT VALUE OF FUTURE REGULAR MUNICIPAL CONTRIBUTIONS	
О.	1. Elected PERA Police and Fire	
	2. No Election (Greater Value)	\$32,427 \$0
	3. Total	\$32,427
		452,127
D.	CURRENT VALUE OF TOTAL ASSETS (0.16% of Table 1, F6)	\$1,213,851
E.	PRESENT VALUE OF FUTURE ADDITIONAL AGRICUATE GOVERNMENT	
L.	PRESENT VALUE OF FUTURE ADDITIONAL MUNICIPAL CONTRIBUTION. Initial contribution - Amortized Through December 31, 2010	
	2. 15 year amortization of prior years' loss (gain)	\$64,278
	(Table 11, B.2.b + B.2.c + B.2.d + B.2.e+B.2.f + B.2.g + B.2.h)	75,126
	3. Total	\$139,404
		4133,101
F.	LOSS (GAIN) [A-B-C-D-E]	\$16,124
G	ANALVOIC OF LOCG (CARD	
u.	ANALYSIS OF LOSS (GAIN) 1. MPRIF Mortality	***
	2. PERA Benefit Election	\$19,628
	3. Additional Contributions Made	(3.127)
	4. Other	(3,137) (367)
	5. Total	\$16,124
	45 YM 45 45 45 45 45 45 45 45 45 45 45 45 45	
H.	15 YEAR AMORTIZATION OF LOSS (GAIN)	1,864

Determination of Statutory Contributions

(actual dollars)

JULY 1, 1996

				Percent of Payroll	Dollar Amount
A.	EMPLOYI	EE CONTRIBUTIONS		7.60%	\$3,444 *
В.		ER CONTRIBUTIONS ljustment For State Aid)			
	1. Regular	municipal contribution		11.40%	\$5,166 *
	2. Addition	nal municipal contribution			
		Date	Current	Last	Payment
		Established	Balance	Payment	Amount**
	a.	Initial	\$64,278	12/31/2010	\$7,431
	b.	07/01/88	\$0	12/31/2002	\$0
	c.	07/01/89	\$0	12/31/2003	\$0
	d.	07/01/90	\$0	12/31/2004	\$0
	e.	07/01/91	\$129,179	12/31/2005	\$18,901
	f.	07/01/92	(\$3,506)	12/31/2006	(\$483)
	g.	07/01/93	(\$19,172)	12/31/2007	(\$2,506)
	h.	07/01/94	(\$4,142)	12/31/2008	(\$517)
	i.	07/01/95	(\$27,233)	12/31/2009	(\$3,264)
	j.	07/01/96	\$16,124	12/31/2010	\$1,864
	k.	Total	\$155,528		\$21,426

C. ESTIMATED TOTAL STATUTORY CONTRIBUTION

\$30,036

^{*} Estimated based on prior years' payroll

^{**} Contribution is assumed to be paid on December 31, 1996

COLUMBIA HEIGHTS FIRE CONSOLIDATION ACCOUNT <u>ACTIVE MEMBERS AS OF JUNE 30, 1996</u>

<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	10-14	<u>15-19</u>	20-24	25-29	30+ ALL
<25	0	0	0	0	0			
25-29	0	0	0	0	0	ő	0	0 0
30-34	0	0	0	0	0	0	0	0 0
35-39	0	0	0	0	0	0	0	0 0
40-44	0	0	0	0	0	0	0	Λ
45-49	0	0	0	0	0	Ö	0	0
50-54	0	0	0	0	0	n	1	Λ 1
55-59	0	0	0	0	Ö	0	0	0 0
60-64	0	0	0	0	0	0	٥	0
65+	0	0	0	0	ő	0	0	0 0
ALL	0	0	0	. 0	0	0	1	

AVERAGE ANNUAL EARNINGS

				Year	ars of Service				
<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	10-14	<u>15-19</u>	20-24	25-29	30+	ALL
<25	0	0	0	0	0	0	—— n	n	
25-29	0	0	0	0	0	0	0	0	0
30-34	0	0	0	0	0	0	0	0	0
35-39	0	0	0	0	0	0	0	0	0.
40-44	0	0	0	0	0	0	0	0	0
45-49	0	0	0	0	0	0	0	0	Ŏ
50-54	0	0	0	0	0	0	52,562	0 :	52,562
55-59	0	0	0	0	0	0	0	0	0
60-64	0	0	0	0	0	0	0	0	0
65+	0	0	0	0	0	0	0	0	ō
ALL	0	0	0	0	0	0	52,562	0	52,562

	PRI	OR FIS	CAL YEAR	R EARNING	S (IN DOL	LARS) BY	YEARS OF	F SERVICE
Age	<u><1</u>	1-4	<u>5-9</u>	10-14	15-19	20-24	25-29	30+ ALL
All	0	0	0	0	0	0	52,562	0 52,562

COLUMBIA HEIGHTS FIRE CONSOLIDATION ACCOUNT

SERVICE RETIREMENTS AS OF JUNE 30, 1996

VEA	DC	RETIRED	
$\mathbf{L}\mathbf{L}B$	C.AL	KELIKED	

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	15-19	20-24	25+	ALL
<50	0	0	0	0	0			
50-54	0	0	0	0	Ö	Ö	0	0
55-59	0	0	0	0	0	0	^	
60-64	0	0	0	2	Ŏ	0	0	9
65-69	0	0	0	0	1	0	0	.
70-74	0	0	0	1	1	0	0	, i
75-79	0	0	0	0	0	0	۸	
80-84	0	0	0	o o	0	0	0	0
85+	0	0	0	Ō	Ö	0	n	0
ALL	0	0	0	3	2	0	0	5

AVERAGE ANNUAL BENEFIT

YEARS RETIRED

<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	10-14	15-19	20-24	25+	ALL
<50	0	0	0	0	0			
50-54	0	0	0	0	0	0	0	0
55-59	0	0	0	0	0	0	n	Ô
60-64	0	0	0	20,172	0	Õ	ŏ	20,172
65-69	0	0	0	0	17,176	0	0	17,176
70-74	0	0	0	23,907	22,481	0	0	23,194
75-79	0	0	0	0	n	0	٥	
80-84	0	0	0	0	0	0	0	0
85+	0	0	0	0	ő	0	0	0
ALL	0	0	0	21,417	19,829	0	0	20.782

TOTAL ANNUAL BENEFIT (IN THOUSANDS) BY YEARS RETIRED

<u>Age</u>	<u><1</u>	1-4	5-9	10-14	15-19	20-24	25+	e fertie vi a T e T okokokokok
A 11	0	0	0	64	39	0	0	103

COLUMBIA HEIGHTS FIRE CONSOLIDATION ACCOUNT

SURVIVORS AS OF JUNE 30, 1996

YEARS	SINCE	DEATH
-------	-------	-------

				Elite Dir.	CDDLAIL	. E.		
Age	<u><1</u>	1-4	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	25+	ALL
<50	0	0	0	0	0	0		
50-54	0	0	0	0	0	0	ŏ	Ŏ
55-59	0	0	0	0	0	0	0	0
60-64	0	0	0	0	0	0	0	0
65-69	0	0	0	0	0	0	0	0
70-74	0	0	0	0	0	0	0	Ŏ
75-79	0	0	0	0	0	0	1	1
80-84	0	0	0	1	0	0	Ô	1
85+	0	0	0	0	0	0	Ŏ	Ó
ALL	0	0	0	1	0	0		2

AVERAGE ANNUAL BENEFIT

YEARS SINCE DEATH

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	25+	ALL
<50	0	0	0	0	0	0	0	0
50-54	0	0	0	0	0	0	Õ	ŏ
55-59	0	0	0	0	0	0	0	0
60-64	0	0	0	0	0	0	0 -	0
65-69	0	0	0	0	0	0	0	n
70-74	0	0	0	0	0	Õ	ő	Ŏ
75-79	0	0	0	0	0	0	15,704	15,704
80-84	0	0	0	17,447	0	0	0	17,447
85+	0	0	0	0	0	0	Õ	0
ALL	0	0	0	17,447	0	0	15,704	16,576

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS SINCE DEATH

						, = 1 = 1 = 1			
<u>Age</u>	<u><1</u>	<u>1-4</u>	5-9	<u>10-14</u>	15-19	20-24	25+	ALT.	•
All	0	Ç (1 °)	0	17 447	o	0	15,704	33,152	:

COLUMBIA HEIGHTS FIRE CONSOLIDATION ACCOUNT

DISABILITY RETIREMENTS AS OF JUNE 30, 1996

VE.	RS	DISA	RI	ED
1111	$\omega \omega$	$\nu_{\rm LDA}$		45.15

<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	10-14	<u>15-19</u>	20-24	25+ ALL
<50	0	0	0	0	0	0	0 0
50-54	0	0	0	0	0	0	0
55-59	0	0	0	0	n	n	0 0
60-64	0	0	Ŏ	Õ	ŏ	0	0 0
65-69	0	0	0	0	0	0	
70-74	0	0	Ö	0	0	0	0 0
75-79	0	0	0	٥	0	0	
80-84	Ō	Ö	ő	0	0	0	0 0
85+	0	0	0	0	Ŏ	ŏ	0 0
ALL	0	0	0	0	0	0	0 0

AVERAGE ANNUAL BENEFIT

YEARS DISABLED

Age	<u><1</u>	1-4	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	25+	ALL
<50	0	0	0	0	0	0	0	——·
50-54	0	0	0	0	0	0	0	0
55-59	0	0	0	0	0	0	0	0
60-64	0	0	0	0	0	0	0	0
65-69	0	0	0	0	0	0	0	0
70-74	0	0	0	0	0	0	0	0
75-79	0	0	0	0	0	0	0	0
80-84	0	0	0	0	0	0	0	0
85+	0	0	0	0	0	0	0	0
ALL	0	0	0	0	0:	0	0	0

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS DISABLED

						'		
Age	<i>-</i> 1	1 /		10 14	4 - 4 -			
77.25	\ I	1 -4	7-0	111)_1/1	15 10	20.24	261	
		1 7	J-7	10-14	1.3-17	ZU= Z4	/ 1+	
						<u> </u>	20	
 5 1 20090 At 3, 50 	1.2 1. NOTE - 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	大大型 (GC) 100 (GC) 100 (AC) 100 (GC) 4 (AC) 40 (AC) 4 (AC) 40	医乳腺病 化多氯化物 化二硫酸 化氯化 直接	The first of the second section in the second secon				20 Control of the con
							. N. S. C. 1903/05/05 1444 14 17 17	 Automobile de la companya della compan
Λ II		and the contract of the contra	· · · · · · · · · · · · · · · · · · ·	The state of the s			The second section of the second	y Arranda da maranda da 1990 da 2004 da 1994 da 2005 d
27.11	0	0	0	of the Product of Original		[1. 조작 보호하시] (1. 10 분호)	0	 4 16 37 3 1 3 1 3 1 3 1 3 1 3 1 3 1 3 1 3 1
			the first fermion and the Control		and the second of the second o	and the state of t	24 (0.200) 200 (0.000)	0

Columbia Heights Fire Consolidation Account

Reconciliation Of Members

			Terminated			
			Deferred	Other		
		Actives	Retirement	Non-Vested		
A.	ON JUNE 30, 1995	1	0	0		
В.	ADDITIONS	0	0	0		
C.	DELETIONS					
	Service Retirement	0	0	0		
	2. Disability	0	0	0		
	3. Death-Survivor	0	ő	0		
	4. Death-Other	0	0	ő		
	Terminated - Deferred	0	0	0		
	6. Terminated - Refund	0	0	0		
	7. Terminated - Other Non-Vested	0	0	0		
	8. Returned as Active	0	0	0		
D.	DATA ADJUSTMENTS	0	0	0		
	Vested	1				
	Non-Vested	0				
-	TOTAL 1 1 1 1 1 1 1 1 1 1	v				
E.	TOTAL ON JUNE 30, 1996	1	0	0		
			Recipients			
		Retirement				
		Annuitants	Disabled	Survivors		
A.	ON JUNE 30, 1995	5	0	2		
В.	ADDITIONS	0	0	0		
C.	DELETIONS					
	1. Service Retirement	0	0	0		
	2. Death	0	0	0		
	3. Annuity Expired	0	0 0	0		
	4. Returned as Active	0	0	0		
D.	DATA ADJUSTMENTS	0	0	0		
ייו	TOTAL ON HINTE 22 1222					
E.	TOTAL ON JUNE 30, 1996	5	0	2		

Columbia Heights Fire Consolidation Account

Actuarial Balance Sheet

(actual dollars)

A.	CURRENT ASSETS (0.26% of Table 1, F6)	\$1,937,116	
В.	EXPECTED FUTURE ASSETS		
	 Present Value of Employee Contributions Present Value of Regular Municipal Contributions Present Value of Additional Municipal Contributions Total Expected Future Assets 		\$3,993 5,989 (8,435) \$1,547
C.	TOTAL CURRENT AND EXPECTED FUTURE ASSETS		\$1,938,663
D.	CURRENT PENSION BENEFIT OBLIGATIONS		
	 Retirees and Beneficiaries Currently Receiving Benefits and Terminated Employees Not Yet Receiving Benefits 		\$1,415,342
	2. Current Employees		
	 a. Accumulated Employee Contributions Including Allocated Investment Income* b. Employer-Financed Vested c. Employer-Financed Nonvested d. Total 	\$39,384 465,322 0	\$504,706
	3. Total Pension Benefit Obligation		\$1,920,048
E.	EXPECTED FUTURE PENSION BENEFIT OBLIGATION		\$18,615
F.	TOTAL CURRENT AND EXPECTED FUTURE PENSION BENEFIT OBLIGATION		\$1,938,663
G.	CURRENT UNFUNDED ACTUARIAL LIABILITY (D3-A)		(\$17,068)
H.	CURRENT AND FUTURE UNFUNDED ACTUARIAL LIABILITY	ГҮ (F-С)	\$0
*Es	timated		

Columbia Heights Fire Consolidation Account

Entry Age Normal Cost Calculations

(actual dollars)

A.	DETERMINATION OF ACTUARIAL ACCRUED LIABILITY (AAL)	Number of Participants	Present Value of Projected Benefits	Actuarial Accrued Liabilities
	 Active Members a. Elected PERA Police and Fire b. No Election (Greater Value) c. Total 	0 1 1	\$0 523,321 \$523,321	\$0 511,531 \$511,531
	2. Former Membersa. Elected PERA Police and Fireb. No Election (Greater Value)c. Total	0 0 0	0 0 \$0	\$0 0 \$0
	 3. Benefit Recipients a. Elected PERA Police and Fire* b. Elected Relief Association c. Total 	5 2 7	\$956,861 458,481 \$1,415,342	\$956,861 458,481 \$1,415,342
	 4. Total a. Elected PERA Police and Fire* b. Elected Relief Association c. No Election (Greater Value) d. Total 	5 2 1 8	\$956,861 458,481 523,321 \$1,938,663	\$956,861 458,481 511,531 \$1,926,873
В.	DETERMINATION OF UNFUNDED A	CTUARIAL ACCI	RUED LIABILITY	(UAAL)
	 AAL (A4) Current Assets (0.26% of Table 1,F6) 			\$1,926,873 1,937,116
C.	3. UAAL (B1-B2) NORMAL COST			<u>(\$10,243)</u> \$12,386

^{*} Includes MPRIF Reserves of \$956,861

Columbia Heights Fire Consolidation Account

Net Actuarial Loss (Gain) (actual dollars)

A.	ACTUARIAL PRESENT VALUE OF PROJECTED BENEFITS (Table 9-169) 1. Elected PERA Police and Fire 2. Elected Relief Association 3. No Election (Greater Value) 4. Total	\$956,861 458,481 523,321 \$1,938,663
B.	PRESENT VALUE OF FUTURE EMPLOYEE CONTRIBUTIONS 1. Elected PERA Police and Fire 2. No Election (Greater Value)	\$0
	3. Total	\$3,993 \$3,993
C.	PRESENT VALUE OF FUTURE REGULAR MUNICIPAL CONTRIBUTION 1. Elected PERA Police and Fire 2. No Election (Greater Value) 3. Total	\$0 \$5,989 \$5,989
D.	CURRENT VALUE OF TOTAL ASSETS (0.26% of Table 1, F6)	\$1,937,116
E.	PRESENT VALUE OF FUTURE ADDITIONAL MUNICIPAL CONTRIBUTIONAL MUNICIPAL CONTRIBUTION AND ADDITIONAL MUNICIPAL CONTRIBUTIONAL MUNICIPAL CONTRIBUTION AND ADDITIONAL MUNICIPAL CONTRIBUTIONAL MUNICIPAL CONTRIBUTION AND ADDITIONAL MUNICIPAL CONTRIBUTIONAL MUNICIPAL CONTRIBUTION AND ADDITIONAL MUNICIPAL CONTRIBUTION AND ADDITIONAL MUNICIPAL CONTRIBUTION AND ADDITIONAL MUNICIPAL C	ONS
	1. Initial contribution - Amortized Through December 31, 2010	\$327,938
	2. 15 year amortization of prior years' loss (gain) (Table 11, B.2.b + B.2.c + B.2.d + B.2.e+B.2.f + B.2.g + B.2.h)	(256,156)
	3. Total	\$71,782
F.	LOSS (GAIN) [A-B-C-D-E]	(\$80,217)
G.	ANALYSIS OF LOSS (GAIN)	
	1. MPRIF Mortality	\$15,533
	2. PERA Benefit Election	0
	3. Additional Contributions Made	(19,418)
	4. Other	(76,332)
	5. Total	(\$80,217)
H.	15 YEAR AMORTIZATION OF LOSS (GAIN)	(9,274)

Columbia Heights Fire Consolidation Account

Determination of Statutory Contributions

(actual dollars)

JULY 1, 1996

				Percent of Payroll	Dollar Amount
A.	EMPLOYE	EE CONTRIBUTIONS		7.60%	\$3,995 *
В.		ER CONTRIBUTIONS justment For State Aid)			
	1. Regular	municipal contribution		11.40%	\$5,992 *
	2. Addition	nal municipal contribution			
		Date	Current	Last	Payment
		Established	Balance	Payment	Amount**
	a.	Initial	\$327,938	12/31/2010	\$37,912
	b.	07/01/88	\$0	12/31/2002	\$0
	c.	07/01/89	\$0	12/31/2003	\$0
	d.	07/01/90	\$0	12/31/2004	\$0
	e.	07/01/91	\$0	12/31/2005	\$0
	f.	07/01/92	\$0	12/31/2006	\$0
	g.	07/01/93	\$0	12/31/2007	\$0
	h.	07/01/94	(\$32,189)	12/31/2008	(\$4,018)
	i.	07/01/95	(\$223,967)	12/31/2009	(\$26,843)
	j.	07/01/96	(\$80,217)	12/31/2010	(\$9,274)
	k.	Total	(\$8,435)		(\$2,223)
C.	ESTIMATE	ED TOTAL STATUTORY CO	ONTRIBUTION		\$7,764

^{*} Estimated based on prior years' payroll

^{**} Contribution is assumed to be paid on December 31, 1996

COLUMBIA HEIGHTS POLICE CONSOLIDATION ACCOUNT <u>ACTIVE MEMBERS AS OF JUNE 30, 1996</u>

				Yea	ars of Servi	ce		
<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	10-14	<u>15-19</u>	20-24	25-29	30+ ALL
<25	0	0	0	0	0	0		
25-29	0	0	0	0	0	ő	0	0 0
30-34	0	0	0	0	0	0	0	0 0
35-39	0	0	0	0	0	0	0	0 0
40-44	0	0	0	0	0	0	٥	0
45-49	0	0	0	0	0	Õ	0	0
50-54	0	0	0	0	0	0	3	0 3
55-59	0	0	0	0	0	0	0	0 0
60-64	0	0	0	0	0	0	0	0 0
65+	0	0	0	0	0	0	ő	0 0
ALL	0	0	0	0	0	0	3	0 3

AVERAGE ANNUAL EARNINGS

•				Yea	rs of Servi	ce		
<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	25-29	30+ ALL
<25	0	0	0	0	0	0		
25-29	0	0	0	0	0	ő	0	0 0
30-34	0	0	0	0	0	0	0	0
35-39	0	0	0	0	0	0	0	0 0
40-44	0	0	0	0	0	0	0	0
45-49	0	0	0	0	0	0	Ö	0 0
50-54	0	0	0	0	0	0	55,619	0 55,619
55-59	0	0	0	0	0	Ō	0	0 33,019
60-64	0	0	0	0	0	0	0	0
65+	0	0	0	0	0	0	Ö	o o
ALL	0	0	0	0	0	0	55,619	0 55,619

	PRIOR FISCAL YEAR EARNINGS (IN DOLLARS) BY YEARS OF SERVICE										
Age	<u><1</u>	<u>1-4</u>	<u>5-9</u>	10-14	15-19	20-24	25-29	30±	ATT		
All	0	0	0	0	o	o	166,857	<u> </u>	166.857		

COLUMBIA HEIGHTS POLICE CONSOLIDATION ACCOUNT

SERVICE RETIREMENTS AS OF JUNE 30, 1996

YEARS RETIRE	n	
--------------	---	--

_							
<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	25+ ALL
<50	0	0	0	0	0		
50-54	0	0	0	0	0	Ö	0 0
55-59	1	0	1	0	0	0	0 3
60-64	0	0	0	2	Ö	Ö	0 2
65-69	0	0	0	0	0	1	0 1
70-74	0	0	0	0	2	o	0 2
75-79	0	0	0	0	0	n	
80-84	0	0	0	0	Ô	Ů	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
85+	0	0	0	0	Ŏ	ő	0 0
ALL	1	0	1	2	2		2 9

AVERAGE ANNUAL BENEFIT

YEARS RETIRED

<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	25+	ALL
<50	0	0	0	0	0			
50-54	0	0	0	0	0	Ö	0	0
55-59	33,830	0	23,385	0	0	0	0	28,608
60-64	0	0	0	23,385	0	0	ő	23,385
65-69	0	0	0	0	0	20,987	0	20,987
70-74	0	0	0	0	20,987	0	ō	20,987
75-79	0	0	0	0	0	0	20,987	20,987
80-84	0	0	0	0	0	Õ	20,987	20,987
85+	0	0	0	0	0	Ö	0	20,507
ALL	33,830	0	23,385	23,385	20,987	20,987	20,987	23,213

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS RETIRED

						,		
<u>Age</u>	<u>≤1</u>	1-4	<u>5-9</u>	10-14	15-19	20-24	25+	AIT
All	33,830	0	23,385	46,770	41,974	20,987	41.974	208,917

COLUMBIA HEIGHTS POLICE CONSOLIDATION ACCOUNT

SURVIVORS AS OF JUNE 30, 1996

VE	DC	CIN	CE	DF.	ATH
T F./	4 K.7	31 V	ι н.	1381.	ΔІН

				ZIELO DE I	CD DEATI	ı.		
<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	10-14	<u>15-19</u>	20-24	25+	ALL
<50	0	0	0	0	0	0	0	0
50-54	0	0	0	0	0	Ō	Ö	0
55-59	0	0	0	0	0	0	0	
60-64	0	1	0	Ŏ	Ö	Ŏ	0	
65-69	0	0	0	0	0	Λ	0	
70-74	0	0	0	Ŏ	0	0	0	0
75-79	0	0	0	1	0	0	0	
80-84	Ō	Ö	0	1	0	1	0	
85+	0	0	0	Ö	ő	0	0	Ó
ALL	0	1	0	2	0	1	0	4

AVERAGE ANNUAL BENEFIT

YEARS SINCE DEATH

<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	10-14	<u>15-19</u>	20-24	25+	ALL
<50	0	0	0	0	0	0	0	
50-54	0	0	0	0	0	Õ	ő	Ö
55-59	0	0	0	0	0	0	0	n
60-64	0	13,857	0	0	0	0	ő	13,857
65-69	0	0	0	0	0	0	0	n distriction (distriction) State (see Sping)
70-74	0	0	0	0	0	Ö	0	Ŏ
75-79	0	0	0	13,991	0	0	0	13,991
80-84	0	0	0	14,391	0	15,990	ň	15,191
85+	0	0	0	0	0	0	Ö	,
ALL	0	13,857	0	14,191	0	15,990	0	14.558

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS SINCE DEATH

				<u> </u>		<u>, </u>	~ ~ ~ ~ ~ ~ .	
<u>Age</u>	<u><1</u>	<u>1-4</u>	5-9	10-14	15-19	20-24	25+	ALI
All	0	13,857	0	28,382	0	15,990	0	58.232

COLUMBIA HEIGHTS POLICE CONSOLIDATION ACCOUNT

DISABILITY RETIREMENTS AS OF JUNE 30, 1996

VEARS DISARLE	_

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	10-14	<u>15-19</u>	20-24	25+	ALL
<50	0	0	0	0	0	0		
50-54	0	0	0	0	0	Õ	0	0
55-59	0	0	0	0	0	0	0	
60-64	0	0	0	0	0	. 0	0	0
65-69	0	0	0	0	0	0	0	0
70-74	0	0	0	0	0	0	0	Ŏ
75-79	0	0	0	0	0	0	0	0
80-84	0	0	0	0	0	0	Õ	Ô
85+	0	0	0	0	0	0	0	ñ
ALL	0	0	0	0	0	0	0	Ŏ

AVERAGE ANNUAL BENEFIT

YEARS DISABLED

						_	
<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	10-14	<u>15-19</u>	20-24	25+ ALL
<50	0	0	0	0	0	0	0 0
50-54	0	0	0	0	0	Ö	0 0
55-59	0	0	0	0	0	Λ	0
60-64	0	0	0	Ö	0	0	0 0
65-69	0	0	0	٥	0	0	
70-74	Ō	ŏ	0	0	0	0	0
75-79	n	n	0	^	0	0	U distribution
80-84	0	0	0	0	0	0	0 0
85+	ő	0	0	0	0	0	0 0
ALL	0	0	, 0	0) O	0	0 0

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS DISABLED

						100) 11 1111	TO DIOVI	
<u>Age</u>	<u><1</u>	<u>1-4</u>	5-9	10-14	15-19	20-24	25+	ΔΤΙ
All	0	0	0	0	0	0	<u>້ິ</u> ດ	<u> </u>

Columbia Heights Police Consolidation Account

Reconciliation Of Members

			Termin	nated
			Deferred	Other
		Actives	Retirement	Non-Vested
A.	ON JUNE 30, 1995	4	0	0
В.	ADDITIONS	0	0	0
C.	DELETIONS			
	1. Service Retirement	(1)	0	0
	2. Disability	0	Ö	ő
	3. Death-Survivor	0	0	Ŏ
	4. Death-Other	0	0	0
	5. Terminated - Deferred	0	0	0
	6. Terminated - Refund	0	0	0
	7. Terminated - Other Non-Vested	0	0	0
	8. Returned as Active	0	0	0
D.	DATA ADJUSTMENTS	0	0	0
	Vested	3		
	Non-Vested	0		
E.	TOTAL ON JUNE 30, 1996	3	0	0
			Recipients	
		Retirement		
		Annuitants	Disabled	Survivors
A.	ON JUNE 30, 1995	8	0	4
B.	ADDITIONS	1	0	0
C.	DELETIONS			
	1. Service Retirement	0	0	0
	2. Death	Õ	ő	0
	3. Annuity Expired	0	o 0	ŏ
	4. Returned as Active	0	Ö	ő
D.	DATA ADJUSTMENTS	0	0	0
E.	TOTAL ON JUNE 30, 1996	9	0	4

Columbia Heights Police Consolidation Account

Actuarial Balance Sheet

(actual dollars)

A.	CURRENT ASSETS (0.50% of Table 1, F6)		\$3,781,872
B.	EXPECTED FUTURE ASSETS		
	 Present Value of Employee Contributions Present Value of Regular Municipal Contributions Present Value of Additional Municipal Contributions Total Expected Future Assets 		\$92,299 138,449 251,036 \$481,784
C.	TOTAL CURRENT AND EXPECTED FUTURE ASSETS		\$4,263,656
D.	CURRENT PENSION BENEFIT OBLIGATIONS		
	Retirees and Beneficiaries Currently Receiving Benefits and Terminated Employees Not Yet Receiving Benefits		\$2,939,695
	2. Current Employees		
	 a. Accumulated Employee Contributions Including Allocated Investment Income* b. Employer-Financed Vested c. Employer-Financed Nonvested 	\$162,139 866,288 0	
	d. Total		\$1,028,427
	3. Total Pension Benefit Obligation		\$3,968,122
E.	EXPECTED FUTURE PENSION BENEFIT OBLIGATION		\$295,534
F.	TOTAL CURRENT AND EXPECTED FUTURE PENSION BENEFIT OBLIGATION		\$4,263,656
G.	CURRENT UNFUNDED ACTUARIAL LIABILITY (D3-A)		\$186,250
H.	CURRENT AND FUTURE UNFUNDED ACTUARIAL LIABIL	ITY (F-C)	\$0
*Es	timated		

Entry Age Normal Cost Calculations

(actual dollars)

JULY 1, 1996

A.	DETERMINATION OF ACTUARIAL	Number of Participants	Present Value of Projected Benefits	Actuarial Accrued Liabilities
•••	ACCRUED LIABILITY (AAL)			
	1. Active Members			
	a. Elected PERA Police and Fire	3	\$1,323,961	\$1,097,342
	b. No Election (Greater Value)	0	0	0
	c. Total	3	\$1,323,961	\$1,097,342
	2. Former Members			
	a. Elected PERA Police and Fire	0	0	\$0
	b. No Election (Greater Value)	0	0	0
	c. Total	0	\$0	\$0
	3. Benefit Recipients			
	a. Elected PERA Police and Fire*	13	\$2,939,695	\$2,939,695
	b. Elected Relief Association	0	0	0
	c. Total	13	\$2,939,695	\$2,939,695
	4. Total			
	 a. Elected PERA Police and Fire* 	16	\$4,263,656	\$4,037,037
	b. Elected Relief Association	0	0	0
	c. No Election (Greater Value)	0	0	0
	d. Total	16	\$4,263,656	\$4,037,037
B.	DETERMINATION OF UNFUNDED A	CTUARIAL ACCI	RUED LIABILITY	(UAAL)
	1. AAL (A4)			\$4,037,037
	2. Current Assets (0.50% of Table 1,F6)			3,781,872
	3. UAAL (B1-B2)			\$255,165
C.	NORMAL COST			\$33,234

* Includes MPRIF Reserves of \$2,842,328

Columbia Heights Police Consolidation Account

Net Actuarial Loss (Gain) (actual dollars)

A.	ACTUARIAL PRESENT VALUE OF PROJECTED BENEFITS (Table 9-172) 1. Elected PERA Police and Fire 2. Elected Relief Association 3. No Election (Greater Value) 4. Total	\$4,263,656 0 0 \$4,263,656
В.	PRESENT VALUE OF FUTURE EMPLOYEE CONTRIBUTIONS 1. Elected PERA Police and Fire 2. No Election (Greater Value) 3. Total	\$92,299 \$0 \$92,299
C.	PRESENT VALUE OF FUTURE REGULAR MUNICIPAL CONTRIBUTIONS	
	 Elected PERA Police and Fire No Election (Greater Value) 	\$138,449
	3. Total	\$0 \$138,449
D.	CURRENT VALUE OF TOTAL ASSETS (0.50% of Table 1, F6)	\$3,781,872
E.	PRESENT VALUE OF FUTURE ADDITIONAL MUNICIPAL CONTRIBUTIO	NIC
	1. Initial contribution - Amortized Through December 31, 2010	\$1,673,579
	2. 15 year amortization of prior years' loss (gain)	(1,389,938)
	(Table 11, B.2.b + B.2.c + B.2.d + B.2.e+B.2.f + B.2.g + B.2.h)	
	3. Total	\$283,641
F.	LOSS (GAIN) [A-B-C-D-E]	(000 (00)
	======================================	(\$32,605)
G.	ANALYSIS OF LOSS (GAIN)	
	1. MPRIF Mortality	\$32,918
	2. PERA Benefit Election	0
	3. Additional Contributions Made4. Other	0
	5. Total	(65,523)
		(\$32,605)
H.	15 YEAR AMORTIZATION OF LOSS (GAIN)	(3,769)

Columbia Heights Police Consolidation Account

Determination of Statutory Contributions

(actual dollars)

JULY 1, 1996

				Percent of Payroll	Dollar Amount
A.	EMPLOYE	EE CONTRIBUTIONS		7.60%	\$12,681 *
B.		ER CONTRIBUTIONS justment For State Aid)			
	1. Regular	municipal contribution		11.40%	\$19,022 *
	2. Addition	nal municipal contribution			
		Date	Current	Last	Payment
		Established	Balance	Payment	Amount**
	a.	Initial	\$1,673,579	12/31/2010	\$193,478
	b.	07/01/88	\$0	12/31/2002	\$0
	c.	07/01/89	\$0	12/31/2003	\$0
	d.	07/01/90	\$0	12/31/2004	\$0
	e.	07/01/91	\$0	12/31/2005	\$0
	f.	07/01/92	\$0	12/31/2006	\$0
	g.	07/01/93	\$0	12/31/2007	\$0
	h.	07/01/94	(\$1,173,923)	12/31/2008	(\$146,536)
	i.	07/01/95	(\$216,015)	12/31/2009	(\$25,890)
	j.	07/01/96	(\$32,605)	12/31/2010	(\$3,769)
	k.	Total	\$251,036		\$17,283

C. ESTIMATED TOTAL STATUTORY CONTRIBUTION

\$48,986

^{*} Estimated based on prior years' payroll

^{**} Contribution is assumed to be paid on December 31, 1996

ACTIVE MEMBERS AS OF JUNE 30, 1996

T 7	•	~	
Years	Λt	No.	r.
1 Cars	v		

							<u></u>	
<u>Age</u>	<u>≤1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	25-29	30+ ALL
<25	0	0	0	0	0	0	0	0 0
25-29	0	0	0	0	0	0	0	0 0
30-34	0	0	0	0	0	0	0	0 0
35-39	0	0	0	0	0	0	0	0
40-44	0	0	0	0	1	1	0	0 2
45-49	0	0	0	0	1	0	0	0 1
50-54	0	0	0	0	1	1	0	0 2
55-59	0	0	0	0	0	2	0	0 2
60-64	0	0	0	0	0	0	0	0 0
65+	0	0	0	0	0	0	0	0 0
ALL	0	0	0	0	3	4	0	0 7

AVERAGE ANNUAL EARNINGS

Years of Service

				100	ers or bervi				
<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	10-14	<u>15-19</u>	<u>20-24</u>	25-29	<u> 30+</u>	<u>ALL</u>
<25	0	0	0	0	0	0	0	0	0
25-29	0	0	0	0	0	0	0	0	0
30-34	0	0	0	0	0	0	0	0	0
35-39	0	0	0	0	0	0	0	0	0
40-44	0	0	0	0	31,936	6,934	0	0	19,435
45-49	0	0	0	0	31,779	0	0	0 .	31,779
50-54	0	0	0	0	30,311	31,421	0	0	30,866
55-59	0	0	0	0	0	31,161	0	0	31,161
60-64	0	0	0	0	0	0	0	0	0
65+	0	0	0	0	0	0	0	0	0
ALL	0	0	0	0	31,342	25,169	0	0	27,814

PRIOR FISCAL YEAR EARNINGS (IN DOLLARS) BY YEARS OF SERVICE

<u>Age</u>	<u>≤1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	15-19	20-24	25-29	30+	ALL
All	0	0	0	0	94,026	100,676	0		194,698

SERVICE RETIREMENTS AS OF JUNE 30, 1996

YE.	ΑŢ	25	R	Ε٦	r	R1	an.	
		•				•		

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	25+ ALL
<50	0	0	0	0	0	0	0 0
50-54	0	0	0	0	0	0	0 0
55-59	0	0	0	0	0	0	0 0
60-64	1	0	0	0	0	0	0 1
65-69	0	0	0	0	0	0	0 0
70-74	0	0	0	0	0	ő	0 0
75-79	0	0	0	1	0	0	0
80-84	0	0	0	0	1	Õ	0 1
85+	0	0	0	0	0	ő	0 0
ALL	i	0	0		1	0	0 3

AVERAGE ANNUAL BENEFIT

YEARS RETIRED

Age	<u><1</u>	<u>1-4</u>	<u>5-9</u>	10-14	15-19	20-24	25+	ALL
<50	0	0	0	0	0	0	0	0
50-54	0	0	0	0	0	0	0	0
55-59	0	0	0	0	0	0	0	0
60-64	24,368	0	0	0	0	0	0	24,368
65-69	0	0	0	0	0	0	0	n
70-74	0	- 0	0	0	0	0	ŏ	Ŏ
75-79	0	0	0	17,668	0	0	0	17,668
80-84	0	0	0	0	9,646	ő	0	9,646
85+	0	0	0	0	0	0	Ö	, , , , o
ALL	24,368	0	0	17,668	9,646	0	0	17,227

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS RETIRED

Age <1 1-4 5.0 10.14 15.10 20.04 25.	
	△
$\sim 10^{\circ} 10^{\circ$	Advantage of the Control of the Cont
$\Delta 11 \sim 100$ $\Delta 2.60 \sim 100$ $\Delta 1.00 \sim 100$ $\Delta 1.00 \sim 100$ $\Delta 1.00 \sim 100$ $\Delta 1.00 \sim 100$	2004 C 1000 C 10
	51.681
7,040	

SURVIVORS AS OF JUNE 30, 1996

YEARS SINCE DEATH

<u>Age</u>	<u><1</u>	1-4	<u>5-9</u> <u>1</u>	0-14	<u>15-19</u>	20-24	<u>25+</u>	ALL
<50	0	0	0	0	0	0	0	0
50-54	0	0	0	0	0	0	0	Õ
55-59	0	0	0	0	0	0	0	
60-64	0	0	0	0	Ö	Ő	Ö	0
65-69	0	0	0	0	0	0	0	0
70-74	0	0	0	0	0	0	Ŏ	Ö
75-79	0	0	0	0	0	1	0	
80-84	0	0	0	0	1	1	0	,
85+	0	0	0	0	1	0	0	1
ALL	0	_	0	0	2	2	0	4

AVERAGE ANNUAL BENEFIT

YEARS SINCE DEATH

<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	10-14	<u>15-19</u>	20-24	25+	ALL
<50	0	0	0	0	0	0	0	
50-54	0	0	0	0	0	0	Ö	0
55-59	0	0	0	0	0	0	0	
60-64	0	0	0	0	0	0	0	ŏ
65-69	0	0	0	0	0	0	0	0
70-74	0	0	0	0	0	0	0	Ö
75-79	0	0	0	0	0	4,839	0	4.839
80-84	0	0	0	0	5,133	4,839	0	4,986
85+	0	. 0	0	0	4,839	0	0	4,839
ALL	0	0	0	0	4,986	4,839	0	4,913

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS SINCE DEATH

	_					/		
<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	10-14	15-19	20-24	25+	ALL
All	0	0	0	0	7.714	9,678		19,652

DISABILITY RETIREMENTS AS OF JUNE 30, 1996

YEA	RS	DIS	ARI	ED.

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	<u>20-24</u>	<u>25+</u>	ALL
<50	0	0	0	0	0	0	0	0
50-54	0	0	0	0	0	0	0	0
55-59	0	0	0	0	0	0	0	0
60-64	0	0	0	0	0	0	0	0
65-69	0	0	0	0	0	0	0	0
70-74	0	0	0	0	0	0	0	0
75-79	0	0	0	0	0	0	0	0
80-84	0	0	0	0	0	0	0	0
85+	0	0	0	0	0	0	0	Ō
ALL	0	0	0	0	0	0	0	0

AVERAGE ANNUAL BENEFIT

YEARS DISABLED

A 00	~ 1	1-4	5-0	10.14	16.10	20.24		
<u>Age</u>	<u>>1</u>	1-4	<u> 3-9</u>	<u>10-14</u>	<u>15-19</u>	<u>20-24</u>	<u>25+</u>	<u>ALL</u>
<50	0	0	0	0	0	0	0	0
50-54	0	0	0	0	0	0	0	0
55-59	0	0	0	0	0	0	0	0
60-64	0	0	0	0	0	0	0	0
65-69	0	0	0	0	0	0	0	0
70-74	0	0	0	0	0	0	0	0
75-79	0	0	0	0	0	0	0	0
80-84	0	0	0	0	0	0	0	Ō
85+	0	0	0	0	0	0	0	0
ALL	0	0	0	0	0	0	0	0

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS DISABLED

						··· / ···		
Λπο	-1	1 /	ė A	10 14	4 5 4 0			
ALC	`	1 -4	7-4	111-12	15_10	20.24	251	· · · · · · · · · · · · · · · · · · ·
			<u> </u>	10-17	12-17	ZU-Z4	Z.)T	12803.00 ATAL 28860 AT
in the Committee of the	1. 1120-190, 190, 191, 191, 1940.	errore and the second of the contraction					==	State (Section 1995) in Section 1995 (Section 1995)
Service Control of the Control		and was true in building the street fleet in the	2000000 president schrödert in 4	description for a second contract of the c	 A SECRETAR DE PROPOSITION DE LA COMPANSA DEL COMPANSA DEL COMPANSA DE LA COMPANSA DEL COMPANSA DEL COMPANSA DE LA COMPANSA DE LA COMPANSA DEL COMPANSA DEL COMPANSA DE LA COMPANSA DEL COMPANSA DE LA COMPANSA DE LA COMPANSA DE LA COMPANSA DEL COMPANSA DE LA COMPANSA DE LA COMPANSA DE LA COMPANSA DE LA COMPANS	7. 3677 939 1946 93 930 4555 355 355 355 357 37	tarifa a startistica esta a care	
A 11	urs attention and are to March	A CONTRACTOR AND A CONT	5, 5, 455 Pre 17, 606 (1034), 5,5,5					2.2.52.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.
		0	rane ki bi bi bibbid bilihiri 📗 kikisi	The state of the s		\$755566750665555	000 000 000 000	1000000.4000000000000000000000000000000
			0		0	U		2007090-0-10-10-10-10-10-10-10-10-10-10-10-10-

Reconciliation Of Members

			Termin	nated
		Actives	Deferred Retirement	Other Non-Vested
A.	ON JUNE 30, 1995	7	1	0
В.	ADDITIONS	1	0	0
C.	DELETIONS 1. Service Retirement 2. Disability 3. Death-Survivor 4. Death-Other 5. Terminated - Deferred 6. Terminated - Refund 7. Terminated - Other Non-Vested 8. Returned as Active DATA ADJUSTMENTS	(1) 0 0 0 0 0 0	0 0 0 0 0 0 0 (1)	0 0 0 0 0 0
υ.	Vested Non-Vested	7 0	0	0
E.	TOTAL ON JUNE 30, 1996	7	0	0
			Recipients	
		Retirement Annuitants	Disabled	Survivors
A.	ON JUNE 30, 1995	2	0	4
B.	ADDITIONS	1	o	0
C.	DELETIONS 1. Service Retirement 2. Death 3. Annuity Expired 4. Returned as Active	0 0 0 0	0 0 0 0	0 0 0 0
D.	DATA ADJUSTMENTS	0	0	0
E.	TOTAL ON JUNE 30, 1996	3	0	4

Actuarial Balance Sheet

(actual dollars)

A.	CURRENT ASSETS (0.19% of Table 1, F6)		\$1,441,806
B.	EXPECTED FUTURE ASSETS		
	 Present Value of Employee Contributions Present Value of Regular Municipal Contributions Present Value of Additional Municipal Contributions Total Expected Future Assets 		\$121,121 181,681 59,718 \$362,520
C.	TOTAL CURRENT AND EXPECTED FUTURE ASSETS		\$1,804,326
D.	CURRENT PENSION BENEFIT OBLIGATIONS		
	1. Retirees and Beneficiaries Currently Receiving Benefits and Terminated Employees Not Yet Receiving Benefits		\$615,012
	2. Current Employees		
	 a. Accumulated Employee Contributions Including Allocated Investment Income* b. Employer-Financed Vested c. Employer-Financed Nonvested d. Total 	\$219,656 614,651 0	\$834,307
	3. Total Pension Benefit Obligation		\$1,449,319
E.	EXPECTED FUTURE PENSION BENEFIT OBLIGATION		\$355,007
F.	TOTAL CURRENT AND EXPECTED FUTURE PENSION BENEFIT OBLIGATION		\$1,804,326
G.	CURRENT UNFUNDED ACTUARIAL LIABILITY (D3-A)		\$7,513
H.	CURRENT AND FUTURE UNFUNDED ACTUARIAL LIABII	LITY (F-C)	\$0
*Es	stimated		

Entry Age Normal Cost Calculations

(actual dollars)

JULY 1, 1996

		Number of Participants	Present Value of Projected Benefits	Actuarial Accrued Liabilities
A.	DETERMINATION OF ACTUARIAL ACCRUED LIABILITY (AAL)			
	1. Active Members			
	 a. Elected PERA Police and Fire 	7	\$1,189,314	\$888,557
	b. No Election (Greater Value)	0	0	0
	c. Total	7	\$1,189,314	\$888,557
	2. Former Members			
	 a. Elected PERA Police and Fire 	0	0	\$0
	b. No Election (Greater Value)	0	0	0
	c. Total	0	\$0	\$0
	3. Benefit Recipients			
	a. Elected PERA Police and Fire*	7	\$615,012	\$615,012
	b. Elected Relief Association	$\frac{0}{7}$	0	0
	c. Total	7	\$615,012	\$615,012
	4. Total			
	a. Elected PERA Police and Fire*	14	\$1,804,326	\$1,503,569
	b. Elected Relief Association	0	0	0
	c. No Election (Greater Value)	0	0	0
	d. Total	14	\$1,804,326	\$1,503,569
В.	DETERMINATION OF UNFUNDED A	CTUARIAL ACC	RUED LIABILITY	(UAAL)
	1. AAL (A4)			\$1,503,569
	2. Current Assets (0.19% of Table 1,F6)			1,441,806
	3. UAAL (B1-B2)			
	5. C.u.ii. (D1-D2)			<u>\$61,763</u>
C.	NORMAL COST			\$40,299

* Includes MPRIF Reserves of \$582,176

Net Actuarial Loss (Gain) (actual dollars)

A.	ACTUARIAL PRESENT VALUE OF PROJECTED BENEFITS (Table 9-093) 1. Elected PERA Police and Fire 2. Elected Relief Association 3. No Election (Greater Value) 4. Total	\$1,804,326 0 0 \$1,804,326
В.	PRESENT VALUE OF FUTURE EMPLOYEE CONTRIBUTIONS 1. Elected PERA Police and Fire 2. No Election (Greater Value) 3. Total	\$121,121 \$0 \$121,121
C.	PRESENT VALUE OF FUTURE REGULAR MUNICIPAL CONTRIBUTIONS 1. Elected PERA Police and Fire 2. No Election (Greater Value) 3. Total	\$181,681 \$0 \$181,681
D.	CURRENT VALUE OF TOTAL ASSETS (0.19% of Table 1, F6)	\$1,441,806
E.	PRESENT VALUE OF FUTURE ADDITIONAL MUNICIPAL CONTRIBUTION Initial contribution - Amortized Through December 31, 2010 2. 15 year amortization of prior years' loss (gain) (Table 11, B.2.b + B.2.c + B.2.d + B.2.e+B.2.f + B.2.g + B.2.h) 3. Total	ONS \$113,773 53,389 \$167,162
F.	LOSS (GAIN) [A-B-C-D-E]	(\$107,444)
G.	ANALYSIS OF LOSS (GAIN) 1. MPRIF Mortality 2. PERA Benefit Election 3. Additional Contributions Made 4. Other 5. Total	\$15,352 0 0 (122,796) (\$107,444)
H.	15 YEAR AMORTIZATION OF LOSS (GAIN)	(12,421)

Determination of Statutory Contributions

(actual dollars)

JULY 1, 1996

				Percent of Payroll	Dollar Amount
A.	EMPLOYI	EE CONTRIBUTIONS		7.60%	\$14,797 *
В.		ER CONTRIBUTIONS justment For State Aid)			
	1. Regular	municipal contribution		11.40%	\$22,196 *
	2. Addition	nal municipal contribution			
		Date	Current	Last	Payment
		Established	Balance	Payment	Amount**
	a.	Initial	\$113,773	12/31/2010	\$13,153
	b.	07/01/88	\$0	12/31/2002	\$0
	c.	07/01/89	\$0	12/31/2003	\$0
	d.	07/01/90	\$0	12/31/2004	\$0
	e.	07/01/91	\$112,899	12/31/2005	\$16,519
	f.	07/01/92	\$3,172	12/31/2006	\$437
	g.	07/01/93	(\$5,363)	12/31/2007	(\$701)
	h.	07/01/94	(\$28,768)	12/31/2008	(\$3,591)
	i.	07/01/95	(\$28,552)	12/31/2009	(\$3,422)
	j.	07/01/96	(\$107,444)	12/31/2010	(\$12,421)
	k.	Total	\$59,718		\$9,974

C. ESTIMATED TOTAL STATUTORY CONTRIBUTION

\$46,967

^{*} Estimated based on prior years' payroll

^{**} Contribution is assumed to be paid on December 31, 1996

ACTIVE MEMBERS AS OF JUNE 30, 1996

T 7		•
Years	$\Lambda I \mathcal{N} I$	

<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	<u>25-29</u>	30+ ALL
<25	0	0	0	0	0	0	0	0 0
25-29	0	0	0	0	0	0	0	0 0
30-34	0	0	0	0	0	0	0	0 0
35-39	0	0	0	0	0	0	0	0 0
40-44	0	0	0	0	0	2	0	0 2
45-49	0	0	0	0	0	2	0	0 2
50-54	0	0	0	0	0	0	1	0 1
55-59	0	0	0	0	0	0	2	0 2
60-64	0	0	0	0	0	1	1	0 2
65+	0	0	0	0	0	0	0	0
ALL	0	0	0	0	0	5	4	0 9

AVERAGE ANNUAL EARNINGS

Years of Service

<u>Age</u>	<u>≤1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u> 15-19</u>	<u>20-24</u>	25-29	<u>30+</u> <u>ALL</u>
<25	0	0	0	0	0	0	0	0 0
25-29	0	0	0	0	0	0	0	0 0
30-34	0	0	0	0	0	0	0	0
35-39	0	0	0	0	0	0	0	0 0
40-44	0	0	0	0	0	56,725	0	0 56,725
45-49	0	0	0	0	0	59,476	0	0 59,476
50-54	0	0	0	0	0	0	51,936	0 51,936
55-59	0	0	0	0	0	0	52,914	0 52,914
60-64	0	0	0	0	0	68,325	49,307	0 58,816
65+	0	0 ndou to modeli i subsector	0	0	0	0	0	0 0
ALL	0	0	0	0	0	60,145	51,768	0 56,422

PRIOR FISCAL YEAR EARNINGS (IN DOLLARS) BY YEARS OF SERVICE

Age	<1	1-4	5-9	10-14	15-19	20-24	25-29	30+	ALL
All	0	o	0	0	0	300,725	207,072	0	<u>507,7</u> 98

SERVICE RETIREMENTS AS OF JUNE 30, 1996

YEARS RETIRED

Age	<u><1</u>	1-4	<u>5-9</u>	10-14	15-19	20-24	25+ ALL
<50	0	0	0	0	0	0	0 0
50-54	0	0	0	0	1	0	0 1
55-59	0	0	0	0	0	0	0 0
60-64	0	0	0	1	1	0	0 2
65-69	0	0	1	3	2	0	0 6
70-74	0	0	0	0	2	1	0 3
75-79	0	0	0	0	0	1	0 1
80-84	0	0	Ō	0	Õ	1	0 1
85+	0	0	0	0	0	0	0 0
ALL	0	0	1	4	6	3	0 14

AVERAGE ANNUAL BENEFIT

YEARS RETIRED

A '		1.4					
<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	<u>20-24</u>	<u>25+</u> <u>ALL</u>
<50	0	0	0	0	0	0	0 0
50-54	0	0	0	0	4,025	0	0 4,025
55-59	0	0	0	0	0	0	0 0
60-64	0	0	0	20,734	16,709	0	0 18,722
65-69	0	0	24,765	20,926	20,734	0	0 21,502
70-74	0	0	0	0	20,446	21,310	0 20,734
75-79	0	0	0	0	0	20,734	0 20,734
80-84	0	0	0	0	0	18,916	0 18,916
85+	0	0	0	0	0	0	0 0
ALL	0	0	24,765	20,878	17,182	20,320	0 19,452

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS RETIRED

4								
<u>Age</u>		1 /	<i>5</i> O	10 14	1 / 1 /	~~ ~ 4	*	the second of th
A E C	\ 1	1-4	7.4	10-14	IN_IU	20 24	751	Commission A. Parket and addition in the
			J /	10-14	1.7-1.7	2.112.44	7. TT	20 to
	1 11 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2							The state of the s
 4 (2) (2) (2) (3) (4) (2) 	医双环状态 医二氯甲酚 经收益 医二甲二甲基甲基甲基		Problem in the State of the Problem is	acceptable to the time of the time of the contract	CONTRACTOR ASSESSMENT OF THE PARTY OF THE PA			15.15.15.15.15.15.15.15.15.15.15.15.15.1
	100 (2010) The Property of the Author			Control of the Contro			entra attention in terretaria della constanti di constanti di constanti di constanti di constanti di constanti	
A 11	Company of the Compan					to financial and the commence of the control of the	Control of the Contro	
A11		COOR CO 500000 A. ACHARAM MEDICAL TO A. CO	74 765	Y 2 5 1 7	103 092	Z		**************************************
4 842			24.765	**************************************		60.960	24 AMERICAN SERVER (2000) 2000 (4 PM)	000 to
1 1 1 1 1 2 1 1 2 1 1 1 1 1 1 1 1 1 1 1		되고 그리 작가 가장 있는데 살이 끊으면 나			10000	· · · · · · · · · · · · · · · · · · ·		212.328
				and the first of the control of the		CO. LOCOL GOOD CLOSE CONFIDENCE A SEC		

SURVIVORS AS OF JUNE 30, 1996

YEARS SINCE DEATH

				ETHICO DE 1	CEDEAL	.1		
<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	10-14	15-19	20-24	25+	ALL
<50	0	0	0	0	0	0		<u> </u>
50-54	0	0	0	0	0	0	Ö	Ö
55-59	0	0	0	0	0	0	0	n
60-64	0	0	0	0	0	Ö	0	0
65-69	0	0	1	0	0	0	0	1
70-74	0	0	0	0	0	1	1	2
75-79	0	0	0	0	0	0	0	0
80-84	0	0	0	0	0	Õ	0	Õ
85+	0	0	0	0	0	ő	ő	0
ALL	0	0	1	0	0			

AVERAGE ANNUAL BENEFIT

YEARS SINCE DEATH

<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	10-14	<u>15-19</u>	20-24	25+	ALL
<50	0	0	0	0	0	0		n i
50-54	0	0	0	0	0	0	ŏ	0
55-59	0	0	0	0	0	0	0	n
60-64	0	0	0	0	0	0	ő	Ŏ
65-69	0	0	10,943	0	0	0	0	10,943
70-74	0	0	0	0	0	9,494	10,708	10,101
75-79	0	0	0	0	0	0	0	n
80-84	0	0	0	0	0	0	0	ñ
85+	0	0	0	0	0	Ö	o 0	0
ALL	0	0	10,943	0	0	9,494	10,708	10,382

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS SINCE DEATH

<u>Age</u>	<u><i< u=""></i<></u>	<u>1-4</u>	5-9	10-14	15-19	20-24	25+	ATJ
All	0	0	10,943		The control of the co	9494	10,708	31 146
	. 1546.4		MARKET PER SET E		Y	9,494	10,700	- A pure thrompropio () = (表 y 表 / 表 / 表 /

DISABILITY RETIREMENTS AS OF JUNE 30, 1996

YEA	RS	nis	ΔRI	.RD

Age	<u><1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	<u> 20-24</u>	<u>25+</u>	ALL
<50	0	2	0	0	2	0	0	4
50-54	0	0	0	1	0	0	0	1
55-59	0	0	0	0	0	0	0	0
60-64	0	0	0	0	0	0	0	0
65-69	0	0	0	0	0	0	0	0
70-74	0	0	0	0	0	0	0	0
75 -79	0	0	0	0	0	0	0	0
80-84	0	0	0	0	0	0	0	0
85+	0	0	0	0	0	0	0	0
ALL	0	2	0	1	2	0	0	5

AVERAGE ANNUAL BENEFIT

YEARS DISABLED

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	<u>20-24</u>	<u>25+</u>	ALL
<50	0	10,324	0	0	10,367	0	0	10,346
50-54	0	0	0	20,734	0	0	0	20,734
55-59	0	0	0	0	0	0	0	0
60-64	0	0	0	0	0	0	0	0
65-69	0	0	0	0	0	0	0	0
70-74	0	0	0	0	0	0	0	0
75-79	0	0	0	0	0	0	0	0
80-84	0	0	0	0	0	0	0	0
85+	0	0	0	0	0	0	0	0
ALL	0	10,324	0	20,734	10,367	0	0	12,424

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS DISABLED

				.		,		
_								
<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	10-14	15-19	20-24	25+	ALL
All	636866666666	20,648	0	ZU_/34	20,734	0	0	62,120

Reconciliation Of Members

			Termin	nated
			Deferred	Other
		Actives	Retirement	Non-Vested
A.	ON JUNE 30, 1995	9	0	0
В.	ADDITIONS	0	0	0
C.	DELETIONS			
	1. Service Retirement	0	0	0
	2. Disability	0	0	ŏ
	3. Death-Survivor	0	0	ŏ
	4. Death-Other	0	0	ő
	5. Terminated - Deferred	0	ő	ő
	6. Terminated - Refund	0	0	ŏ
	7. Terminated - Other Non-Vested	0	Ŏ	ő
	8. Returned as Active	0	0	ő
D.	DATA ADJUSTMENTS	0	0	0
	Vested	9		
	Non-Vested	0		
	- 1 ,	U		
E.	TOTAL ON JUNE 30, 1996	9	0	0
			Recipients	
		Retirement Annuitants	Disabled	Survivors
A.	ON JUNE 30, 1995	15	5	2
В.	ADDITIONS			2
D.		0	0	i
C.	DELETIONS			
	1. Service Retirement	0	0	0
	2. Death	(1)	0	0
	3. Annuity Expired	0	0	Õ
	4. Returned as Active	0	0	0
D.	DATA ADJUSTMENTS	0	0	0
E.	TOTAL ON JUNE 30, 1996	14	5	3

Actuarial Balance Sheet

(actual dollars)

A.	CURRENT ASSETS (1.26% of Table 1, F6)		\$9,514,377
В.	EXPECTED FUTURE ASSETS		
	 Present Value of Employee Contributions Present Value of Regular Municipal Contributions Present Value of Additional Municipal Contributions Total Expected Future Assets 		\$274,122 411,183 (2,636,191) (\$1,950,886)
C.	TOTAL CURRENT AND EXPECTED FUTURE ASSETS		\$7,563,491
D.	CURRENT PENSION BENEFIT OBLIGATIONS		
	Retirees and Beneficiaries Currently Receiving Benefits and Terminated Employees Not Yet Receiving Benefits		\$3,904,373
	2. Current Employees		
	 a. Accumulated Employee Contributions Including Allocated Investment Income* b. Employer-Financed Vested c. Employer-Financed Nonvested d. Total 	\$475,345 2,342,644 0	\$2,817,989
	3. Total Pension Benefit Obligation		\$6,722,362
E.	EXPECTED FUTURE PENSION BENEFIT OBLIGATION		\$841,129
F.	TOTAL CURRENT AND EXPECTED FUTURE PENSION BENEFIT OBLIGATION	\$7,563,491	
G.	CURRENT UNFUNDED ACTUARIAL LIABILITY (D3-A)		(\$2,792,015)
H.	CURRENT AND FUTURE UNFUNDED ACTUARIAL LIABI	LITY (F-C)	\$0
*Es	stimated		

Entry Age Normal Cost Calculations

(actual dollars)

JULY 1, 1996

		Number of Participants	Present Value of Projected Benefits	Actuarial Accrued Liabilities
A.	DETERMINATION OF ACTUARIAL ACCRUED LIABILITY (AAL)			
	1. Active Members			
	a. Elected PERA Police and Fire	8	\$3,183,936	\$2,667,643
	b. No Election (Greater Value)	1	475,182	326,803
	c. Total	9	\$3,659,118	\$2,994,446
	2. Former Members			
	 a. Elected PERA Police and Fire 	0	0	\$0
	b. No Election (Greater Value)	0	0	0
	c. Total	0	\$0	\$0
	3. Benefit Recipients			
	a. Elected PERA Police and Fire*	21	\$3,746,374	\$3,746,374
	b. Elected Relief Association	1	157,999	157,999
	c. Total	22	\$3,904,373	\$3,904,373
	4. Total			
	a. Elected PERA Police and Fire*	29	\$6,930,310	\$6,414,017
	b. Elected Relief Association	1	157,999	157,999
	c. No Election (Greater Value)	1	475,182	326,803
	d. Total	31	<u>\$7,563,491</u>	\$6,898,819
B.	DETERMINATION OF UNFUNDED A	CTUARIAL ACC	RUED LIABILITY	(UAAL)
	1. AAL (A4)			\$6,898,819
	2. Current Assets (1.26% of Table 1,F6)			9,514,377
	3. UAAL (B1-B2)			(\$2,615,558)
C.	NORMAL COST			\$103,917

* Includes MPRIF Reserves of \$3,007,416

Net Actuarial Loss (Gain) (actual dollars)

A.	ACTUARIAL PRESENT VALUE OF PROJECTED BENEFITS (Table 9-161) 1. Elected PERA Police and Fire 2. Elected Relief Association 3. No Election (Greater Value) 4. Total	\$6,930,310 157,999 475,182 \$7,563,491
В.	PRESENT VALUE OF FUTURE EMPLOYEE CONTRIBUTIONS	
	1. Elected PERA Police and Fire	\$210,883
	2. No Election (Greater Value)	\$63,239
	3. Total	\$274,122
C.	PRESENT VALUE OF FUTURE REGULAR MUNICIPAL CONTRIBUTIONS	
	1. Elected PERA Police and Fire	\$316,324
	2. No Election (Greater Value)	\$94,859
	3. Total	\$411,183
		4.113,105
D.	CURRENT VALUE OF TOTAL ASSETS (1.26% of Table 1, F6)	\$9,514,377
E.	PRESENT VALUE OF FUTURE ADDITIONAL MUNICIPAL CONTRIBUTIO	NC
	1. Initial contribution - Amortized Through December 31, 2010	\$0
	2. 15 year amortization of prior years' loss (gain)	(1,756,003)
	(Table 11, B.2.b + B.2.c + B.2.d + B.2.e+B.2.f + B.2.g + B.2.h)	(1,750,005)
	3. Total	(\$1,756,003)
F.	LOSS (CADD IA D. C.D. E.)	
F.	LOSS (GAIN) [A-B-C-D-E]	(\$880,188)
G	ANALYSIS OF LOSS (GAIN)	
٥.	1. MPRIF Mortality	(01/// 100)
	2. PERA Benefit Election	(\$166,123)
	3. Additional Contributions Made	(222 (14)
	4. Other	(223,614)
	5. Total	(490,451)
	-	(\$880,188)
H.	15 YEAR AMORTIZATION OF LOSS (GAIN)	(101,756)

Determination of Statutory Contributions

(actual dollars)

JULY 1, 1996

				Percent of Payroll	Dollar Amount
A.	EMPLOYI	EE CONTRIBUTIONS		7.60%	\$38,593 *
В.		ER CONTRIBUTIONS justment For State Aid)			
	1. Regular	municipal contribution		11.40%	\$57,889 *
	2. Addition	nal municipal contribution			
		Date	Current	Last	Payment
		Established	Balance	Payment	Amount**
	a.	Initial	\$0	12/31/2010	\$0
	b.	07/01/88	\$0	12/31/2002	\$0
	c.	07/01/89	\$0	12/31/2003	\$0
	d.	07/01/90	\$0	12/31/2004	\$0
	e.	07/01/91	\$0	12/31/2005	\$0
	f.	07/01/92	\$0	12/31/2006	\$0
	g.	07/01/93	(\$1,193,550)	12/31/2007	(\$156,010)
	h.	07/01/94	(\$38,718)	12/31/2008	(\$4,833)
	i.	07/01/95	(\$523,735)	12/31/2009	(\$62,771)
	j.	07/01/96	(\$880,188)	12/31/2010	(\$101,756)
	k.	Total	(\$2,636,191)		(\$325,370)

C. ESTIMATED TOTAL STATUTORY CONTRIBUTION

(\$228,888)

^{*} Estimated based on prior years' payroll

^{**} Contribution is assumed to be paid on December 31, 1996

DULUTH FIRE CONSOLIDATION ACCOUNT <u>ACTIVE MEMBERS AS OF JUNE 30, 1996</u>

Years	AF C	
IEALN	01.56	POICE

					tis of per vi	CE		
<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	25-29	30+ ALE
<25	0	0	0	0	0	0	n	0 -0
25-29	0	0	0	0	0	Ō	0	0 0
30-34	0	0	0	0	0	0	n	0 0
35-39	0	0	0	0	2	0	0	0 2
40-44	0	0	0	0	11	0	0	0
45-49	0	0	0	0	8	15	2	0 25
50-54	0	0	0	0	3	7	17	1 28
55-59	0	0	0	0	0	0	2	9 11
60-64	0	0	0	0	0	0	0	1
65+		0	0	0	0	0	0	0 0
ALL		0	0	0	24	22	21	

AVERAGE ANNUAL EARNINGS

Years of Service

					119 01 961 41	Ce			
Age	<u><1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	25-29	30+	ALL
<25	0	0	0	0	0	Ω	0		
25-29	0	0	0	0	0	0	0	0	0
30-34	0	0	0	0	0	0	0	n ³	0
35-39	0	0	0	0	51,055	0	0	0	51,055
40-44	0	0	0	0	48,063	0	0	0	48,063
45-49	0	0	0	0	50,541	50,394	47,750	ŏ	50,230
50-54	0	0	0	0	46,496	48,959	50,222	49,962	49,498
55-59	0	0	0	0	0	0	50,452	52,418	52,061
60-64	0	0	0	0	0	0	0	65,207	65,207
65+	0	0	0	0	0	0	0	0	0
ALL	0	0	0	0	48,943	49,937	50,009	53,357	50.133

PRIOR FISCAL YEAR EARNINGS (IN THOUSANDS) BY YEARS OF SERVICE

<u>Age</u>	<u><1</u>	<u>1-4</u>	5-9	10-14	15-19	20-24	25-29	30+	AIT.
All	0	0	0		1,175	1.099	1,050	 587	3.910

DULUTH FIRE CONSOLIDATION ACCOUNT

SERVICE RETIREMENTS AS OF JUNE 30, 1996

YE.	RS	RETIRED

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u> <u>1</u>	0-14	<u>15-19</u>	20-24	25+	ALL
<50	0	0	1	0	0	0	0	
50-54	1	4	0	4	0	Ö	0	9
55-59	1	1	7	2	1	1	0	12
60-64	2	4	5	9	0	0	0	20
65-69	0	0	2	3	4	0	0	0
70-74	0	0	4	7	2	1	ő	14
75-79	0	0	0	2	3	2	4	
80-84	0	0	0	0	4	4	9	17
85+	0	0	0	0	0	1	5	6
ALL	4	. 9	19	27	14	9	18	100

AVERAGE ANNUAL BENEFIT

YEARS RETIRED

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	10-14	<u>15-19</u>	20-24	<u>25</u> +	ALL
<50	0	0	23,997	0	0	0	0	23,997
50-54	22,396	14,693	0	22,385	0	0	0	18,968
55-59	31,304	18,710	22,821	22,822	23,997	23,997	0	23,338
60-64	32,685	31,782	23,997	20,937	0	0	0	25,046
65-69	0	0	23,997	23,501	23,703	0	0	23,701
70-74	0	0	23,997	23,997	22,234	23,997	0	23,745
75-79	0	0	0	23,997	24,386	23,997	21,794	23,302
80-84	0	0	0	0	24,831	23,997	22,755	23,536
85+	0	0	0	0	0	23,997	22,788	22,990
ALL	29,768	22,734	23,564	22,596	23,983	23,997	22,551	23,391

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS RETIRED

_								,
<u>Age</u>	<u><1</u>	1-4	5-9	10-14	15-19	20-24	25+	ATTURRENCE
All	119,072	204,606	447,716	610,092	335,762	215.973	405.918	2.339.100

DULUTH FIRE CONSOLIDATION ACCOUNT

SURVIVORS AS OF JUNE 30, 1996

YEARS SINCE DEATH

						 .		
Age	<1	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	<u>25+</u> <u>ALI</u>	
<50	0	1	0	0	0	0	0	1
50-54	0	0	1	1	0	0	0	2
55-59	0	0	0	0	0	0	0	0
60-64	0	0	0	0	0	0	1	1
65-69	0	0	1	2	2	0	0	5
70-74	0	0	1	0	2	0	0	3
75-79	0	0	1	1	3	2	7	4
80-84	0	0	0	0	4	3	4 1	1
85+	0	0	0	0	1	3	10 1	4
ALL	0		4	4	12	8	22 5	i 1

AVERAGE ANNUAL BENEFIT

YEARS SINCE DEATH

<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	10-14	<u>15-19</u>	<u>20-24</u>	<u>25+</u>	ALL
<50	0	23,099	0	0	0	0	0	23,099
50-54	0	0	11,749	11,749	0	0	0	11,749
55-59	0	0	0	0	0	0	0	0
60-64	0	0	0	0	0	0	11,749	11,749
65-69	0	0	11,414	11,749	11,749	0	0	11,682
70-74	0	0	11,749	0	11,749	0	0	11,749
75-79	0	0	11,749	11,749	11,627	11,749	11,597	11,647
80-84	0	0	0	0	11,476	11,637	11,749	11,619
85+	0	0	0	0	11,749	11,526	11,602	11,596
ALL	0	23,099	11,665	11,749	11,628	11,623	11,634	11,867

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS SINCE DEATH

,								
<u>Age</u>	<u><1</u>	<u>1-4</u>	5-9	<u>10-14</u>	15-19	20-24	25+	ALL
All	0		46,660	46,996	139,536	92,984	255,948	605,217

DULUTH FIRE CONSOLIDATION ACCOUNT

DISABILITY RETIREMENTS AS OF JUNE 30, 1996

YEARS DISABLED

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	25+	ALL
<50	1	1	0	1	0	0	0	3
50-54	0	0	0	0	Ō	0	ő	0
55-59	0	0	0	0	0	0	0	0
60-64	0	0	0	0	0	0	ő	0
65-69	0	0	0	0	0	0	0	0
70-74	0	0	0	0	0	0	0	Ŏ
75-79	0	0	0	0	0	0	0	0
80-84	0	0	0	0	0	0	n	o.
85+	0	0	0	0	0	Õ	0	Ö
ALL	1	1	0	1 4	0	0	0	3

AVERAGE ANNUAL BENEFIT

YEARS DISABLED

<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	10-14	<u>15-19</u>	20-24	25+	ALL
<50	22,509	23,205	0	22,509	0	0		22,741
50-54	0	0	0	0	0	0	Ö	0
55-59	0	0	0	0	0	0	0	n
60-64	0	0	0	0	0	0	ő	0
65-69	0	0	0	0	0	0	n	n
70-74	0	0	0	0	Ö	0	ő	0
75-79	0	0	0	0	0	0	٥	٨
80-84	0	0	0	0	0	Ô	Ô	Ů
85+	0	0	0	0	Ö	0	0	0
ALL	22,509	23,205	0	22,509	0		0	22.741

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS DISABLED

<u>Age</u>	<u><1</u>	1-4	5-9	10-14	15-19	20-24	25+	AT TAKE
All	22,509	23,205	0	22,509	0	0	<u> </u>	68.223

Duluth Fire Consolidation Account

Reconciliation Of Members

			Termin	nated
			Deferred	Other
		Actives	Retirement	Non-Vested
A.	ON JUNE 30, 1995	83	0	0
В.	ADDITIONS	0	0	0
C.	DELETIONS			
	1. Service Retirement	(4)	0	0
	2. Disability	(1)	0	0
	3. Death-Survivor	0	0	0
	4. Death-Other	0	0	0
	5. Terminated - Deferred	0	0	0
	6. Terminated - Refund	0	0	0
	7. Terminated - Other Non-Vested	0	0	0
	8. Returned as Active	0	0	. 0
D.	DATA ADJUSTMENTS	0	0	0
	Vested	78		
	Non-Vested	0		
E.	TOTAL ON JUNE 30, 1996	78	0	0
			Recipients	_
		Retirement		
		Annuitants	Disabled	Survivors
A.	ON JUNE 30, 1995	101	2	52
В.	ADDITIONS	5	1	2
C.	DELETIONS			
	1. Service Retirement	0	0	0
	2. Death	(4)	0	(3)
	3. Annuity Expired	Õ	0	0
	4. Returned as Active	0	0	0
D.	DATA ADJUSTMENTS	(2)	0	0
E.	TOTAL ON JUNE 30, 1996	100	3	51

Duluth Fire Consolidation Account

Actuarial Balance Sheet

(actual dollars)

A.	CURRENT ASSETS (4.49% of Table 1, F6)	\$33,851,081	
В.	EXPECTED FUTURE ASSETS		
	 Present Value of Employee Contributions Present Value of Regular Municipal Contributions Present Value of Additional Municipal Contributions Total Expected Future Assets 		\$2,464,952 3,697,428 20,672,869 \$26,835,249
C.	TOTAL CURRENT AND EXPECTED FUTURE ASSETS		\$60,686,330
D.	CURRENT PENSION BENEFIT OBLIGATIONS		
	Retirees and Beneficiaries Currently Receiving Benefits and Terminated Employees Not Yet Receiving Benefits		\$31,011,869
	2. Current Employees		
	 a. Accumulated Employee Contributions Including Allocated Investment Income* b. Employer-Financed Vested c. Employer-Financed Nonvested d. Total 	\$3,791,797 16,866,831 1,172,177	\$21,830,805
	3. Total Pension Benefit Obligation		\$52,842,674
E.	EXPECTED FUTURE PENSION BENEFIT OBLIGATION		\$7,843,656
F.	TOTAL CURRENT AND EXPECTED FUTURE PENSION BENEFIT OBLIGATION		\$60,686,330
G.	CURRENT UNFUNDED ACTUARIAL LIABILITY (D3-A)		\$18,991,593
H.	CURRENT AND FUTURE UNFUNDED ACTUARIAL LIAB	ILITY (F-C)	\$0
*Es	timated		

Entry Age Normal Cost Calculations

(actual dollars)

JULY 1, 1996

A.	DETERMINATION OF ACTUARIAL ACCRUED LIABILITY (AAL)	Number of Participants	Present Value of Projected Benefits	Actuarial Accrued Liabilities
	1. Active Members			
	a. Elected PERA Police and Fire	52	\$20,291,732	\$16,479,807
	b. No Election (Greater Value)	<u>26</u>	9,382,729	6,711,399
	c. Total	78	\$29,674,461	\$23,191,206
	2. Former Members			
	a. Elected PERA Police and Fire	0	0	\$0
	b. No Election (Greater Value)	0	0	0
	c. Total	0	\$0	\$0
	2. Dama CA David			
1	3. Benefit Recipients	4.5	***	
	a. Elected PERA Police and Fire*b. Elected Relief Association	145	\$28,958,745	\$28,958,745
	c. Total	<u>9</u>	2,053,124	2,053,124
	c. Total	154	\$31,011,869	\$31,011,869
	4. Total			
	a. Elected PERA Police and Fire*	197	\$49,250,477	\$45,438,552
	b. Elected Relief Association	9	2,053,124	2,053,124
	c. No Election (Greater Value)	26	9,382,729	6,711,399
	d. Total	232	\$60,686,330	\$54,203,075
D	DETERMINATION OF LINES AND	CONT. A DIA Y A DE CO		
В.	DETERMINATION OF UNFUNDED A	ACTUARIAL ACC	RUED LIABILITY	(UAAL)
	1. AAL (A4)			\$54,203,075
	2. Current Assets (4.49% of Table 1,F6)			33,851,081
	3. UAAL (B1-B2)			\$20,351,994
C.	NORMAL COST			\$828,535
				4020,000

* Includes MPRIF Reserves of \$26,726,268

Net Actuarial Loss (Gain)

(actual dollars)

A.	ACTUARIAL PRESENT VALUE OF PROJECTED BENEFITS (Table 9-162) 1. Elected PERA Police and Fire 2. Elected Relief Association 3. No Election (Greater Value) 4. Total	\$49,250,477 2,053,124 9,382,729 \$60,686,330
В.	PRESENT VALUE OF FUTURE EMPLOYEE CONTRIBUTIONS 1. Elected PERA Police and Fire 2. No Election (Greater Value) 3. Total	\$1,546,211 \$918,741 \$2,464,952
C.	PRESENT VALUE OF FUTURE REGULAR MUNICIPAL CONTRIBUTIONS 1. Elected PERA Police and Fire 2. No Election (Greater Value) 3. Total	\$2,319,317 \$1,378,111 \$3,697,428
D.	CURRENT VALUE OF TOTAL ASSETS (4.49% of Table 1, F6)	\$33,851,081
E.	PRESENT VALUE OF FUTURE ADDITIONAL MUNICIPAL CONTRIBUTION 1. Initial contribution - Amortized Through December 31, 2010 2. 15 year amortization of prior years' loss (gain) (Table 11, B.2.b + B.2.c + B.2.d + B.2.e+B.2.f + B.2.g + B.2.h) 3. Total	NS \$29,246,507 (7,654,584) \$21,591,923
F.	LOSS (GAIN) [A-B-C-D-E]	(\$919,054)
G.	ANALYSIS OF LOSS (GAIN) 1. MPRIF Mortality 2. PERA Benefit Election 3. Additional Contributions Made 4. Other 5. Total	\$345,708 (18,693) 88 (1,246,157) (\$919,054)
Н.	15 YEAR AMORTIZATION OF LOSS (GAIN)	(106,249)

Determination of Statutory Contributions

(actual dollars)

JULY 1, 1996

				Percent of Payroll	Dollar Amount
A.	EMPLOY	EE CONTRIBUTIONS		7.60%	\$297,189 *
B.		ER CONTRIBUTIONS ljustment For State Aid)			
	1. Regular	municipal contribution	11.40%	\$445,783 *	
	2. Addition	nal municipal contribution			
		Date	Current	Last	Payment
	-	Established	Balance	Payment	Amount**
	a.	Initial	\$29,246,507	12/31/2010	\$3,381,111
	b.	07/01/88	\$0	12/31/2002	\$0
	c.	07/01/89	\$0	12/31/2003	\$0
	d.	07/01/90	\$0	12/31/2004	\$0
	e.	07/01/91	\$0	12/31/2005	\$0
	f.	07/01/92	\$0	12/31/2006	\$0
	g.	07/01/93	(\$5,850,253)	12/31/2007	(\$764,692)
	h.	07/01/94	(\$347,500)	12/31/2008	(\$43,377)
	i.	07/01/95	(\$1,456,831)	12/31/2009	(\$174,605)
	j.	07/01/96	(\$919,054)	12/31/2010	(\$106,249)
	k.	Total	\$20,672,869		\$2,292,188
C.	ESTIMATI	ED TOTAL STATUTORY C	ONTRIBUTION		\$3,035,160

^{*} Estimated based on prior years' payroll

^{**} Contribution is assumed to be paid on December 31, 1996

DULUTH POLICE CONSOLIDATION ACCOUNT ACTIVE MEMBERS AS OF JUNE 30, 1996

				Yea	rs of Servi	ce		
<u>Age</u>	<u>≤1</u>	<u>1-4</u>	<u>5-9</u>	10-14	<u>15-19</u>	20-24	25-29	30+ ALL
<25	0	0	0	0	0			V V
25-29	0	0	0	0	0	ő	0	0 0
30-34	0	0	0	0	0	0	0	0
35-39	0	0	0	0	0	Ŏ	0	0 0
40-44	0	0	0	0	11	0	0	0 11
45-49	0	0	0	0	10	9	4	0 23
50-54	0	0	0	0	1	2	10	2 15
55-59	0	0	0	0	0	0	2	1 3
60-64	0	0	0	0	0	0	0	0 0
65+	0	0	0	0	0	0	Ö	0 0
ALL	0	0	0	0	22	11	16	3 52

AVERAGE ANNUAL EARNINGS

				Yea	ars of Servi	ce			
<u>Age</u>	<u><1</u>	1-4	<u>5-9</u> <u>1</u>	0-14	<u>15-19</u>	20-24	25-29	<u>30+</u>	ALL
<25	0	0	0	0	0	0			<u> </u>
25-29	0	0	0	0	0	0	0	ŏ .	Ö
30-34	0	0	0	0	0	0	0	0	0
35-39	0	0	0	0	0	0	0	0	ő
40-44	0	0	0	0	52,993	0	0	0	52,993
45-49	0	0	0	0	47,732	56,556	51,640	ŏ	51,865
50-54	0	0	0	0	43,985	49,924	49,122	44,642	48,289
55-59	0	0	0	0	0	0	48,324	44,927	47,192
60-64	0	0	0	0	0	0	0	ი	0
65+	0	0	0	0	0	Ō	Õ	ŏ	Ŏ
ALL	0	0	0	0	50,192	55,350	49,652	44,737	50,802

	PRI	OR FISCA	L YEAR	EARNINGS	JOHT (II)	JSANDS) B	Y YEARS C	F SERVI	CE
Age	<u>≤1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	25-29	30+	ALL
All	0	0	0	0	1,104	609	794	134	2.642

DULUTH POLICE CONSOLIDATION ACCOUNT

SERVICE RETIREMENTS AS OF JUNE 30, 1996

VEADO	RETIRED
	RELIKELL

Age	<u>≤1</u>	1-4	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	25+	ALL
<50	0	0	0	0	0			
50-54	2	1	0	0	Ö	ő	0	3
55-5 9	4	5	11	1	0	0	n	21
60-64	0	6	0	4	0	Ŏ	0	10
65-69	0	1	3	11	2	1	n	18
70-74	0	0	3	3	1	3	1	11
75-79	0	0	0	2	4	1	٥	16
80-84	0	0	0	0	3	1	6	10
85+	0	0	0	0	0	0	3	3
ALL	· '6'	13	17	21	10	6	19	92

AVERAGE ANNUAL BENEFIT

YEARS RETIRED

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	10-14	<u>15-19</u>	20-24	25+	ALL
<50	0	0	0	0	0	0		
50-54	18,437	16,988	0	0	0	0	0	17,954
55-59	31,136	31,138	18,414	19,313	0	0	0	23,910
60-64	0	40,878	0	23,868	ő	0	0	34,074
65-69	0	34,694	29,482	24,448	24,780	24,780		
70-74	0	0	31,200	24,780	25,789	24,780	0 24,780	25,912 25,794
75-79	0	0	0	24,780	25,197	24,780	21,876	
80-84	0	0	Ö	0	24,780	24,780	22,146	23,251 23,200
85+	0	0	0	0	0	21,700	22,755	22,755
ALL	26,903	34,819	22,624	24,172	25,048	23,261	22,253	25.208

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS RETIRED

						· · · · · · · · · · · · · · · · · · ·		
<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	25+	ALL
All	161,418	452,647	384,608	507,612	250,480	139,566	Stranger and the second	

DULUTH POLICE CONSOLIDATION ACCOUNT

SURVIVORS AS OF JUNE 30, 1996

YEARS SINCE DEATH

<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	25+	ALL
<50	0	0	3	0	0	0	0	3
50-54	0	0	1	0	0	0	Õ	1
55-59	0	0	0	1	0	0	0	1
60-64	0	0	0	i	0	0	0	1
65-69	0	0	Ŧ	0	0	0	1	
70-74	0	0	Ö	1	1	2	2	6
75-79	0	0	1	1	2	2	1	7
80-84	0	0	0	1	1	3	2	7
85+	0	0	0	1	0	3	3	7
ALL	0	0	6	6	4	10	9	35

AVERAGE ANNUAL BENEFIT

YEARS SINCE DEATH

<u>Age</u>	<u>≤1</u>	1-4	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	<u>20-24</u>	25+	ALL
<50	0	0	19,239	0	0	0	0	19,239
50-54	0	0	10,720	0	0	0	0	10,720
55-59	0	0	0	12,147	0	0	0	12,147
60-64	0	0	0	12,147	0	0	0	12,147
65-69	0	0	12,147	0	0	0	11,626	11,887
70-74	0	0	0	12,147	12,147	11,434	12,147	11,909
75 -7 9	0	0	10,720	12,147	12,147	11,158	11,620	11,585
80-84	0	0	0	12,147	11,620	11,641	12,147	11,855
85+	0	0	0	12,147	0	11,671	11,671	11,739
ALL	0	0	15,217	12,147	12,015	11,512	11,872	12,406

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS SINCE DEATH

•	- 4	4 4						
Δαe		1 /	<i>- - - - - - - - - -</i>	10 14	15 10	~~ ~ .		
ALL	`\	1 -4	7-4	111-14	15-10	20.24	751 - 2010 DAYSTON	(arence) a a a a a
		<u> </u>	2.7	10-14	13-17	Z(1*Z+	Z.1T ************************************	1000 5000 500 10
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DULUTH POLICE CONSOLIDATION ACCOUNT

DISABILITY RETIREMENTS AS OF JUNE 30, 1996

YEA	RS	DISA	ABT.	ED.
				41417

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	10-14	<u>15-19</u>	<u>20-24</u>	25+	ALL
<50	0	0	1	0	0	0	0	
50-54	0	5	3	0	0	0	Ö	8
55-59	0	0	1	0	0	0	0	
60-64	0	0	0	0	0	0	0	0
65-69	0	0	0	0	0	0	0	0
70-74	0	0	0	0	0	0	Õ	Ŏ
75-79	0	0	0	0	0	0	0	0.5
80-84	0	0	0	0	0	0	0	ň
85+	0	0	0	0	0	0	Õ	ŏ
ALL	0		5	0	0	0	0	10

AVERAGE ANNUAL BENEFIT

YEARS DISABLED

1								
<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	10-14	15-19	20-24	25+	ALL
<50	0	0	21,868	0	0	0	0	21,868
50-54	0	25,235	23,083	0	0	0	0	24,428
55-59	0	0	26,807	0	0	0	0	26,807
60-64	0	0	0	0	0	0	Õ	0
65-69	0	0	0	0	0	0	0	O
70-74	0	0	0	0	0	0	Ö	0
75-79	0	0	0	0	0	0	0	0
80-84	0	0	0	0	0	0	0	ń
85+	0	0	0	0	0	0	Ö	0
ALL	0	25,235	23,585	0	0	0	0	24.410

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS DISABLED

4								
Age	< 1	1 4	60	10 14				
1150	~1	1-4	7-7	10-14	15-10	20-24	ንና	ATT
		· —	<u>~</u>	10 14	17-17	ZU-Z4	2JT	All.
	100 No. 12 P.	A CONTRACTOR OF STREET					==	<u>Chlift</u> e pro Charles
	4866 SALEUTUT 4		The state of the s	44 MARIA (1) M. M. A.	 A control of the self-self bit a section. 	execution to the contract of	THE RESIDENCE OF STREET, AND ADDRESS OF THE PARTY OF THE	
		Δ 106 176 · · ·	117000					
7111	- 4 A TOP 11 POLICE -	V 120.12.1	11/9/5	arusana (n. 2020) ili kaliba 🗼 🔻		Aleba divide 🛮 🔥 (a)		244 100
	100000000000000000000000000000000000000		4 4 1 1 7 2 2 2 2		· State State	· · · · · · · · · · · · · · · · · · ·	U salas su a reviera 🚺 🦮	244 IINI
			a comment to be a supplementally	TANKS CONTRACTOR OF A 1				

Reconciliation Of Members

			Termin	nated
			Deferred	Other
		Actives	Retirement	Non-Vested
A.	ON JUNE 30, 1995	56	3	0
В.	ADDITIONS	0	0	0
C.	DELETIONS			
	1. Service Retirement	(6)	0	0
	2. Disability	o´	0	Ö
	3. Death-Survivor	0	0	ő
	4. Death-Other	0	0	ő
	5. Terminated - Deferred	0	0	Ö
	6. Terminated - Refund	0	0	0
	7. Terminated - Other Non-Vested	0	0	0
	8. Returned as Active	0	0	0
D.	DATA ADJUSTMENTS	2	(2)	0
	Vested	52		
	Non-Vested	0		
Е.	TOTAL ON JUNE 30, 1996	52	1	0
			Recipients	
		Retirement		
		Annuitants	Disabled	Survivors
A.	ON JUNE 30, 1995	87	10	36
В.	ADDITIONS	6	0	1
C.	DELETIONS			
	1. Service Retirement	0	0	0
	2. Death	(1)	ő	(1)
	3. Annuity Expired	0	0	0
	4. Returned as Active	0	0	0
D.	DATA ADJUSTMENTS	0	0	(1)
E.	TOTAL ON JUNE 30, 1996	92	10	35

Actuarial Balance Sheet

(actual dollars)

A.	CURRENT ASSETS (5.47% of Table 1, F6)		\$41,268,378
В.	EXPECTED FUTURE ASSETS		
	 Present Value of Employee Contributions Present Value of Regular Municipal Contributions Present Value of Additional Municipal Contributions Total Expected Future Assets 		\$1,877,749 2,816,624 6,997,763 \$11,692,136
C.	TOTAL CURRENT AND EXPECTED FUTURE ASSETS		\$52,960,514
D.	CURRENT PENSION BENEFIT OBLIGATIONS		
	 Retirees and Beneficiaries Currently Receiving Benefits and Terminated Employees Not Yet Receiving Benefits 		\$33,492,737
	2. Current Employees		
	 a. Accumulated Employee Contributions Including Allocated Investment Income* b. Employer-Financed Vested c. Employer-Financed Nonvested d. Total 	\$2,567,466 10,922,085 0	<u>\$13,489,551</u>
	3. Total Pension Benefit Obligation		\$46,982,288
E.	EXPECTED FUTURE PENSION BENEFIT OBLIGATION		\$5,978,226
F.	TOTAL CURRENT AND EXPECTED FUTURE PENSION BENEFIT OBLIGATION		\$52,960,514
G.	CURRENT UNFUNDED ACTUARIAL LIABILITY (D3-A)		\$5,713,910
H.	CURRENT AND FUTURE UNFUNDED ACTUARIAL LIABI	ILITY (F-C)	\$0
*Es	timated		

Entry Age Normal Cost Calculations

(actual dollars)

JULY 1, 1996

		Number of Participants	Present Value of Projected Benefits	Actuarial Accrued Liabilities
A.	DETERMINATION OF ACTUARIAL ACCRUED LIABILITY (AAL)			<u> </u>
	1. Active Members			
	a. Elected PERA Police and Fire	36	\$13,830,866	\$10,614,778
	b. No Election (Greater Value)	16	5,636,911	3,977,869
	c. Total	52	\$19,467,777	\$14,592,647
	2. Former Members			
	a. Elected PERA Police and Fire	0	0	\$0
	b. No Election (Greater Value)	1	390,904	390,904
	c. Total	1	\$390,904	\$390,904
	3. Benefit Recipients			
	a. Elected PERA Police and Fire*	122	\$28,991,569	\$28,991,569
	 Elected Relief Association 	15	4,110,264	4,110,264
	c. Total	137	\$33,101,833	\$33,101,833
	4. Total			
	a. Elected PERA Police and Fire*	158	\$42,822,435	\$39,606,347
	 b. Elected Relief Association 	15	4,110,264	4,110,264
	c. No Election (Greater Value)	17	6,027,815	4,368,773
	d. Total	190	\$52,960,514	\$48,085,384
В.	DETERMINATION OF UNFUNDED A	CTUARIAL ACC	RUED LIABILITY	(UAAL)
	1. AAL (A4)			\$48,085,384
	2. Current Assets (5.47% of Table 1,F6)			41,268,378
	3. UAAL (B1-B2)		·	\$6,817,006
C.	NORMAL COST			\$555,778

* Includes MPRIF Reserves of \$25,787,105

Net Actuarial Loss (Gain) (actual dollars)

A.	ACTUARIAL PRESENT VALUE OF PROJECTED BENEFITS (Table 9-078) 1. Elected PERA Police and Fire 2. Elected Relief Association 3. No Election (Greater Value) 4. Total	\$42,822,435 4,110,264 6,027,815 \$52,960,514
В.	PRESENT VALUE OF FUTURE EMPLOYEE CONTRIBUTIONS 1. Elected PERA Police and Fire 2. No Election (Greater Value) 3. Total	\$1,298,570 \$579,179 \$1,877,749
C.	PRESENT VALUE OF FUTURE REGULAR MUNICIPAL CONTRIBUTIONS 1. Elected PERA Police and Fire 2. No Election (Greater Value) 3. Total	\$1,947,855 \$868,769 \$2,816,624
D.	CURRENT VALUE OF TOTAL ASSETS (5.47% of Table 1, F6)	\$41,268,378
E.	PRESENT VALUE OF FUTURE ADDITIONAL MUNICIPAL CONTRIBUTION 1. Initial contribution - Amortized Through December 31, 2010 2. 15 year amortization of prior years' loss (gain) (Table 11, B.2.b + B.2.c + B.2.d + B.2.e+B.2.f + B.2.g + B.2.h) 3. Total	NS \$11,156,696 (3,304,179) \$7,852,517
F.	LOSS (GAIN) [A-B-C-D-E]	(\$854,754)
G.	ANALYSIS OF LOSS (GAIN) 1. MPRIF Mortality 2. PERA Benefit Election 3. Additional Contributions Made 4. Other 5. Total	\$322,721 (45,531) 0 (1,131,944) (\$854,754)
H.	15 YEAR AMORTIZATION OF LOSS (GAIN)	(98,816)

Determination of Statutory Contributions

(actual dollars)

JULY 1, 1996

				Percent of Payroll	Dollar Amount
A.	EMPLOY	EE CONTRIBUTIONS		7.60%	\$200,773 *
В.		ER CONTRIBUTIONS ljustment For State Aid)			
	1. Regular	municipal contribution		11.40%	\$301,159 *
	2. Additio	nal municipal contribution			
		Date	Current	Last	Payment
		Established	Balance	Payment	Amount**
	a.	Initial	\$11,156,696	12/31/2010	\$1,289,796
	b.	07/01/88	\$124,680	12/31/2002	\$23,385
	C.	07/01/89	(\$2,048,990)	12/31/2003	(\$348,826)
	d.	07/01/90	(\$164,846)	12/31/2004	(\$25,863)
	e.	07/01/91	\$1,734,881	12/31/2005	\$253,841
	f.	07/01/92	(\$1,362,988)	12/31/2006	(\$187,762)
	g.	07/01/93	\$140,486	12/31/2007	\$18,363
	h.	07/01/94	\$42,924	12/31/2008	\$5,358
	i.	07/01/95	(\$1,770,325)	12/31/2009	(\$212,178)
	j.	07/01/96	(\$854,754)	12/31/2010	(\$98,816)
	k.	Total	<u>\$6,997,763</u>		\$717,298
C.	ESTIMAT	ED TOTAL STATUTORY O	CONTRIBUTION		\$1,219,230

^{*} Estimated based on prior years' payroll

^{**} Contribution is assumed to be paid on December 31, 1996

FARIBAULT FIRE CONSOLIDATION ACCOUNT ACTIVE MEMBERS AS OF JUNE 30, 1996

Years	of Ca	maio.
rears	01.5e	rvice

<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	10-14	<u>15-19</u>	20-24	25-29	<u>30+</u>	ALL
<25	0	0	0	0	0	0	0		
25-29	0	0	0	0	0	Õ	0	0	0
30-34	0	0	0	0	0	0	0	0	0
35-39	0	0	0	0	Ö	Ö	0	0	. 0
40-44	0	0	0	0	1	0	0	<u>, 141</u>	•
45-49	0	0	0	0	2	1	0	0	3
50-54	0	0	0	0	0	0	0	0	^
55-59	0	0	0	Ö	ŏ	0	0	1	1
60-64	0	0	0	0	0	0	0	0	
65+	0	0	0	0	ő	0	0	0	0
ALL	0	0	0	0	. 3	1	0	- 1 - 1	5

AVERAGE ANNUAL EARNINGS

Years of Service

<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	10-14	<u>15-19</u>	<u>20-24</u>	25-29	<u>30+</u>	ALL
<25	0	0	0	0	0	0	0	0	
25-29	0	0	0	0	0	0	0	ő	0
30-34	0	0	0	0	0	0	0	0	0
35-39	0	0	0	0	Ō	0	Ö	0 -	0
40-44	0	0	0	0	45,019	0	0	0	45,019
45-49	0	0	0	0	45,072	45,140	0	0	45,095
50-54	0	0	0	0	0	0	0	0	0
55-59	0	0	0	0	0	0	0	45,610	45,610
60-64	0	0	0	0	0	0	0	n : `	n
65+	0	0	0	0	0	0	Ö	0	. 0
ALL	0	0	0	0	45,054	45,140	0	45,610	45,182

PRIOR FISCAL YEAR EARNINGS (IN DOLLARS) BY YEARS OF SERVICE

<u>Age</u>	<u><1</u>	<u>1-4</u>	5-9	10-14	15-19	20-24	25-29	30+	ATT
All	0	0	<u> </u>	0	135,162	45,140		45,610	225,910

FARIBAULT FIRE CONSOLIDATION ACCOUNT

SERVICE RETIREMENTS AS OF JUNE 30, 1996

v	T A	DC	RETIRED
1	LA	\mathbf{c}	RETIRED

<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	10-14	<u>15-19</u>	20-24	25+	ALL
<50	0	0	0	0	0	0		
50-54	0	1	0	0	0	o	0	ĭ
55-59	2	0	2	0	2	0	0	6
60-64	0	0	3	0	1	0	0	4
65-69	0	0	0	0	2	0	0	7
70-74	0	0	0	0	1	0	Ö	î
75- 79	0	0	0	0	0	2	0	2
80-84	0	0	0	0	0	0	1	
85+	0	0	0	0	Ö	ő	0	0
ALL	2	1	5 . 15.	0	6	2		17

AVERAGE ANNUAL BENEFIT

YEARS RETIRED

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	10-14	<u>15-19</u>	20-24	25+	ALL
<50	0	0	0	0	0			
50-54	0	18,474	0	0	0	Ö	0	18,474
55-59	24,451	0	11,745	0	19,944	0	0	18,713
60-64	0	0	20,503	0	16,956	0	0	19,616
65-69	0	0	0	0	19,944	0	0	19,944
70-74	0	0	0	0	19,944	0	Ö	19,944
75-7 9	0	0	0	0	0	19,944	0	19,944
80-84	0	0	0	0	0	0	19,944	19,944
85+	0	0	0	0	0	0	0	0
ALL	24,451	18,474	17,000	0	19,446	19,944	19,944	19,346

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS RETIRED

						,	
Age	<u><1</u>	1-4	5-9	10-14	15-19	<u>20-24</u>	25+ AT.T.
All	48,902	18,474	85,000	0	116,676	arda tingga gara la ali a	19,944 328,882

FARIBAULT FIRE CONSOLIDATION ACCOUNT

SURVIVORS AS OF JUNE 30, 1996

YEARS SINCE DEATH

					OL DERINA		
<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	25+ ALL
<50	0	0	0	1	0	0	0
50-54	0	0	0	0	0	0	0 0
55-59	0	0	0	0	0	0	n n
60-64	0	0	0	0	0	0	0 0
65-69	0	0	0	0	0	0	0 0
70-74	0	0	0	0	0	Ö	0 0
75-79	0	0	0	0	0	0	1 1
80-84	0	0	0	0	0	Õ	o o
85+	0	0	0	0	0	0	1 1
ALL	0	0	0	1	0	0	2 3

AVERAGE ANNUAL BENEFIT

YEARS SINCE DEATH

Age	<u><1</u>	1-4	<u>5-9</u>	10-14	15-19	20-24	25+	ALL
<50	0	0	0	11,967	0	0		11,967
50-54	0	0	0	0	0	0	0	3.45207
55-59	0	0	0	0	0	0	0	0
60-64	0	0	0	0	0	Ö	0	0
65-69	0	0	0	0	0	0	0	0
70-74	0	0	0	0	0	0	Ö	0
75-79	0	0	0	0	0	0	998	998
80-84	0	0	0	0	0	0	0	Ô
85+	0	0	0	0	0	0	11,967	11,967
ALL	0	0	0	11,967	0	0	6,483	8,311

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS SINCE DEATH

•						,		
4								
AGE	<	1.4	50	10 14	15 10	00.04		
- 150		1-4	J-7	117-14	17-19	70.74	751	Control of the Total Control Control
1 1 1 2 2 2 2 2 2 3 2 3 2 3 2 3 2 3 2 3	A. A			<u> </u>	15 17	<u>20-27</u>	201	45 10 5 10 A LL Later 1000 100
- 1 500 Europe	하우리 경영과 사람들은 전기를 했		NA CONTRACTOR SPECIAL CONTRACTOR OF THE CONTRACT	eright of the property of the contract of the con-	anna an taoine an an an an an an an an an	Children and Control of the Control		- 100 - 100
AIL	Α.	A						
CALL	See Strategie Up			11.067	1.000 (Control Control		10000	998 888 888 888 880 A B A A A A A A A A
			CONTRACTOR VICE	11,707			1/ 400	

FARIBAULT FIRE CONSOLIDATION ACCOUNT

DISABILITY RETIREMENTS AS OF JUNE 30, 1996

YEA	RS	DIS	LAS	ZT.	FD
	\mathbf{u}		7/1		ritt

<u>Age</u>	<u>≤1</u>	<u>1-4</u>	<u>5-9</u>	10-14	<u>15-19</u>	20-24	25+	ALL
<50	0	0	1	1	0	0		,
50-54	0	0	0	1	0	0	Ö	1
55-59	0	0	0	0	0	0	0	0
60-64	0	0	0	0	0	0	0	0
65-69	0	0	0	0	0	0	0	0
70-74	0	0	0	0	0	0	0	
75-79	0	0	0	0	0	0	0	0
80-84	0	0	0	0	0	0	0	0
85+	0	0	0	0	0	0	Ö	Ŏ
ALL	0	0	1	2	0	0	0	3

AVERAGE ANNUAL BENEFIT

YEARS DISABLED

<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	<u>10-14</u>	<u>15-19</u> 2	0-24	<u>25+</u>	ALL
<50	0	0	20,503	19,944	0	0	0	20,224
50-54	0	0	0	19,944	0	0	0	19,944
55-59	0	0	0	0	0	0	0	n
60-64	0	0	0	0	0	Ŏ	ő	Ŏ
65-69	0	0	0	0	0	0	0	n
70-74	0	0	0	0	0	ō	ŏ	Ŏ
75-79	0	0	0	0	0	0	0	0
80-84	0	0	0	0	0	0	Ö	0
85+	0	0	0	0	0	0	Ō	0
ALL	0	0	20,503	19,944	0	0	0.0	20,131

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS DISABLED

						<u></u>		
<u>Age</u>	<u><1</u>	1-4	5 - 9	10-14	15-19	20-24	25+	ALL
All	0		20,503		0	o	o	

Reconciliation Of Members

			Termi	Terminated		
			Deferred	Other		
		Actives	Retirement	Non-Vested		
A.	ON JUNE 30, 1995	7	1	0		
В.	ADDITIONS	0	0	0		
C.	DELETIONS					
	1. Service Retirement	(2)	0	0		
	2. Disability	0	0	Ö		
	3. Death-Survivor	0	0	0		
	4. Death-Other	0	0	0		
	5. Terminated - Deferred	0	0	0		
	6. Terminated - Refund	0	0	0		
	7. Terminated - Other Non-Vested	0	0	0		
	8. Returned as Active	0	0	0		
D.	DATA ADJUSTMENTS	0	0	0		
	Vested	5				
	Non-Vested	0				
		U				
E.	TOTAL ON JUNE 30, 1996	5	1	0		
			Recipients			
		Retirement	recorpients			
		Annuitants	Disabled	Survivors		
A.	ON JUNE 30, 1995	16	3	3		
B.	ADDITIONS	2	0	0		
C.	DELETIONS					
	1. Service Retirement	0	0	0		
	2. Death	(1)	0	0		
	3. Annuity Expired	0	0	0		
	4. Returned as Active	0	0	0		
D.	DATA ADJUSTMENTS	0	0	0		
E.	TOTAL ON JUNE 30, 1996	17	3	3		

Actuarial Balance Sheet

(actual dollars)

A.	CURRENT ASSETS (0.66% of Table 1, F6)		\$5,002,844
В.	EXPECTED FUTURE ASSETS		
	 Present Value of Employee Contributions Present Value of Regular Municipal Contributions Present Value of Additional Municipal Contributions Total Expected Future Assets 		\$113,001 169,503 1,699,351 \$1,981,855
C.	TOTAL CURRENT AND EXPECTED FUTURE ASSETS		\$6,984,699
D.	CURRENT PENSION BENEFIT OBLIGATIONS		
	Retirees and Beneficiaries Currently Receiving Benefits and Terminated Employees Not Yet Receiving Benefits		\$5,251,579
	2. Current Employees		
	 a. Accumulated Employee Contributions Including Allocated Investment Income* b. Employer-Financed Vested c. Employer-Financed Nonvested d. Total 	\$207,796 640,737 469,992	\$1,318,525
	3. Total Pension Benefit Obligation		\$6,570,104
E.	EXPECTED FUTURE PENSION BENEFIT OBLIGATION		\$414,595
F.	TOTAL CURRENT AND EXPECTED FUTURE PENSION BENEFIT OBLIGATION		\$6,984,699
G.	CURRENT UNFUNDED ACTUARIAL LIABILITY (D3-A)		\$1,567,260
H.	CURRENT AND FUTURE UNFUNDED ACTUARIAL LIABIL	ITY (F-C)	\$0
*Es	timated		

Entry Age Normal Cost Calculations

(actual dollars)

A.	DETERMINATION OF ACTUARIAL	Number of Participants	Present Value of Projected Benefits	Actuarial Accrued Liabilities
	ACCRUED LIABILITY (AAL)			
	1. Active Members			
	a. Elected PERA Police and Fire	2	\$684,106	\$558,501
	b. No Election (Greater Value)	3_5	1,049,014	854,137
	c. Total	5	\$1,733,120	\$1,412,638
	2. Former Members			-
	a. Elected PERA Police and Fire	0	0	\$0
	b. No Election (Greater Value)	1	116,711	116,711
	c. Total	1	\$116,711	\$116,711
	3. Benefit Recipients			
	a. Elected PERA Police and Fire*	22	\$4,712,399	\$4,712,399
	b. Elected Relief Association	1	422,469	422,469
	c. Total	23	\$5,134,868	\$5,134,868
	4. Total			
	a. Elected PERA Police and Fire*	24	\$5,396,505	\$5,270,900
	b. Elected Relief Association	1	422,469	422,469
	c. No Election (Greater Value)	4	1,165,725	970,848
	d. Total		\$6,984,699	\$6,664,217
В.	DETERMINATION OF UNFUNDED A	CTUARIAL ACC	RUED LIABILITY	(UAAL)
	1. AAL (A4)			\$6 664 217
	2. Current Assets (0.66% of Table 1,F6)			\$6,664,217 5,002,844
				5,002,844
	3. UAAL (B1-B2)			\$1,661,373
C.	NORMAL COST			\$52,488

^{*} Includes MPRIF Reserves of \$3,936,051

Net Actuarial Loss (Gain)

(actual dollars)

A.	ACTUARIAL PRESENT VALUE OF PROJECTED BENEFITS (Table 9-097) 1. Elected PERA Police and Fire 2. Elected Relief Association 3. No Election (Greater Value) 4. Total	\$5,396,505 422,469 1,165,725 \$6,984,699
В.	PRESENT VALUE OF FUTURE EMPLOYEE CONTRIBUTIONS 1. Elected PERA Police and Fire 2. No Election (Greater Value) 3. Total	\$52,310 \$60,691 \$113,001
C.	PRESENT VALUE OF FUTURE REGULAR MUNICIPAL CONTRIBUTIONS 1. Elected PERA Police and Fire 2. No Election (Greater Value) 3. Total	\$78,466 \$91,037 \$169,503
D.	CURRENT VALUE OF TOTAL ASSETS (0.66% of Table 1, F6)	\$5,002,844
E.	PRESENT VALUE OF FUTURE ADDITIONAL MUNICIPAL CONTRIBUTIONS 1. Initial contribution - Amortized Through December 31, 2010 2. 15 year amortization of prior years' loss (gain) (Table 11, B.2.b + B.2.c + B.2.d + B.2.e+B.2.f + B.2.g + B.2.h) 3. Total	\$3,105,036 (1,163,839) \$1,941,198
F.	LOSS (GAIN) [A-B-C-D-E]	(\$241,847)
G.	ANALYSIS OF LOSS (GAIN) 1. MPRIF Mortality 2. PERA Benefit Election 3. Additional Contributions Made 4. Other 5. Total	(\$34,916) 0 0 (206,931) (\$241,847)
H.	15 YEAR AMORTIZATION OF LOSS (GAIN)	(27,959)

Determination of Statutory Contributions

(actual dollars)

JULY 1, 1996

				Percent of Payroll	Dollar Amount
A.	EMPLOYE	EE CONTRIBUTIONS		7.60%	\$17,169 *
В.		ER CONTRIBUTIONS justment For State Aid)			
	1. Regular	municipal contribution		11.40%	\$25,754 *
	2. Addition	nal municipal contribution			
		Date	Current	Last	Payment
		Established	Balance	Payment	Amount**
	a.	Initial	\$3,105,036	12/31/2010	\$358,965
	b.	07/01/88	\$0	12/31/2002	\$0
	c.	07/01/89	\$0	12/31/2003	\$0
	d.	07/01/90	\$0	12/31/2004	\$0
	e.	07/01/91	(\$1,121,804)	12/31/2005	(\$164,138)
	f.	07/01/92	(\$369,852)	12/31/2006	(\$50,950)
	g.	07/01/93	\$74,799	12/31/2007	\$9,777
	h.	07/01/94	\$712,993	12/31/2008	\$89,000
	i.	07/01/95	(\$459,973)	12/31/2009	(\$55,129)
	j.	07/01/96	(\$241,847)	12/31/2010	(\$27,959)
	k.	Total	\$1,699,351		\$159,566

* Estimated based on prior years' payroll

C. ESTIMATED TOTAL STATUTORY CONTRIBUTION

\$202,489

^{**} Contribution is assumed to be paid on December 31, 1996

FARIBAULT POLICE CONSOLIDATION ACCOUNT ACTIVE MEMBERS AS OF JUNE 30, 1996

_				Yea	ars of Servi	ce			
Age	<u><1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	25-29	30+	ALL
<25	0	0	0	0	0	0	0	0	n
25-29	0	0	0	0	0	0	0	0	ō
30-34	0	0	0	1	0	0	0	0	1
35-39	0	0	0	1	0	0	0	0	Ī
40-44	0	0	0	0	2	0	0	0	2
45-49	0	0	0	0	1	1	1	ő	3
50-54	0	0	0	0	0	0	0	O	0
55-59	0	0	0	0	0	1	0	0	ľ
60-64	0	0	0	0	0	0	1	1	2
65+	0	0	0	0	0	0	Ô	Ô	n e

AVERAGE ANNUAL EARNINGS

_				Yea	ars of Servi	ce			
<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	<u>20-24</u>	25-29	<u>30+</u>	ALL
<25	0	0	0	0	0	0	0	0	0
25-29	0	0	0	0	0	0	0	0	0
30-34	0	0	0	42,458	0	0	0	0	42,458
35-39	0	0	0	42,179	0	0	0	0	42,179
40-44	0	0	0	0	45,166	0	0	0	45,166
45-49	0	0	0	0	42,771	49,064	44,484	0	45,440
50-54	0	0	0	0	0	0	0	0	0
55-59	0	0	0	0	0	42,325	0	0	42,325
60-64	0	0	0	0	0	0	44,422	41,715	43,069
65+	0	0	0	0	0	0	0	0	0
ALL	0	0	0	42,319	44,368	45,695	44,453	41,715	43,975

PRIOR FISCAL YEAR EARNINGS (IN DOLLARS) BY YEARS OF SERVICE							E		
<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	10-14	15-19	20-24	25-29	30+	ALL
A11	0	0	0	84,638	133,104	91,390	88,906	<u>—</u> 41,715	439,750

FARIBAULT POLICE CONSOLIDATION ACCOUNT

SERVICE RETIREMENTS AS OF JUNE 30, 1996

T / T A T A	RETIRED	
V & A D	· DUTTUUT	

<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	<u>10-14</u>	15-19	<u>20-24</u>	25+	ALL
<50	0	0	0	0	0	0	0	0
50-54	0	3	1	0	1	Ö	Ô	Š
55-59	n	n	2	0	٥	^	0	
	Ū	U	2	U	U	U	U	2
60-64	0	0	0	1	0	0	0	1
65-69	0	0	0	1	1	0	O	2
70-74	0	0	0	0	0	ő	0	0
75-79	0	Λ	0	^		_	·	
13-13	U	U	U	U	U	0	î	
80-84	0	0	0	0	1	1	1	3
85+	0	0	0	0	0	1	ō	í
ALL	0	. 3	3	2	3	2	2	15

AVERAGE ANNUAL BENEFIT

YEARS RETIRED

Age	<u><1</u>	1-4	<u>5-9</u>	<u>10-14</u>	<u> 15-19</u>	<u>20-24</u>	25+	ALL
<50	0	0	0	0	0	0	0	0
50-54	0	22,827	20,321	0	14,472	0	Ō	20,655
55-59	0	0	22,840	0	0	0	0	22,840
60-64	0	0	0	22,256	0	0	0	22,256
65-69	0	0	0	20,654	20,119	0	0	20,387
70-74	0	0	0	0	0	0	0	0
75-79	0	0	0	0	0	0	18,775	18,775
80-84	0	0	0	0	19,401	18,735	18,577	18,904
85+	0	0	0	0	0	19,895	0	19,895
ALL	0	22,827	22,000	21,455	17,997	19,315	18,676	20,491

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS RETIRED

						,		
_								
<u>Age</u>		1 /	<i>5</i> A	10 14				
A Z C	<u> </u>	-4-	7-4	111-17	15 10	20.24	751	2000 A 2000 O C 2000 200 200 A 2000 A
		<u> </u>	5-7	10-14	1,3-17	ZU-Z4	2.3T	\$ 184 m 1 A 1 A 1 A 1 A 1 A 1 A 1 A 1 A 1 A 1
4 44 60	A CONTRACTOR OF THE PARTY OF THE PARTY	An arrest total and arrest to an				=	<u> 231</u>	A CONTRACTOR OF THE PARTY OF TH
		New Address of the Control Control of the Control o	11 000-00000-0000000000000	 Server, P. S. College State (1997) 1887. 	A STANDANTAN AND SOLD DOMESTICS.			_000000000000000 00 000000000000
1 17	Control of the contro	69 191			- Grandstation and control of the control			
All .		68 481	66 000	ทากเก	52 001	00/00	Contract of the case of the contract of the co	SOUTH CONTRACTOR COMMENTS AND AND ADMINISTRATION OF THE SECOND CONTRACTOR AND ADMINISTRATION OF THE SECOND CON
- All		00.701	66,000	42 7 11	CONTRACTOR AND A STATE OF THE S	4X (A41)		
	化化物化物 医水杨醇 医直肠切除 医二氯甲基磺基酚				~~~~ ~~~~~	JU10JU	21.222	

FARIBAULT POLICE CONSOLIDATION ACCOUNT

SURVIVORS AS OF JUNE 30, 1996

YEARS SINCE DEATH

Age	<u><1</u>	1-4	<u>5-9</u>	10-14	15-19	20-24	25+	ALL
<50	0	0	0	0	0	0		0
50-54	0	0	0	0	0	Õ	Ô	0
55-59	0	0	n	0	0	0	^	
	v	U	V	U	U	U	U	0
60-64	0	0	0	0	0	0	0	0
65-69	0	0	0	0	Λ	0	0	0
70.74	^	_	-	•	U	U	U	v
70-74	Ü	Ü	0	2	0	0	0	2
75-79	0	0	0	n	0	0		
		v	v	U	v	U	U	0
80-84	0	0	0	0	0	0	0	0
85+	0	0	0	0	0	0	Ô	0
ATT				-30 kempa sawa ter Babasi Sero <u>l</u> Yasa	agagaga	You induction to		
ALL	0	0	0	2	0	0	0	2

AVERAGE ANNUAL BENEFIT

YEARS SINCE DEATH

Age	<u><1</u>	1-4	<u>5-9</u>	10-14	<u>15-19</u>	20-24	<u>25+</u>	ALL
<50	0	0	0	0	0	0	0	0
50-54	0	0	0	0	0	0	ō	0
55-59	0	0	0	0	0	0	0	0
60-64	0	0	0	0	0	0	0	0
65-69	0	0	0	0	0	0	0	0
70-74	0	0	0	1,200	0	0	0	1,200
75-79	0	0	0	0	0	0	0	0
80-84	0	0	0	0	0	0	0	ŏ
85+	0	0	0	0	0	0	ŏ	Ö
ALL	0	0	0	1,200	0	0	0	1,200

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS SINCE DEATH

_						<i>,</i>		
Age	<1	1-4	5-9	10-14	15_10	20.24	251	i finalescono Atro posicione della
A-15-888-14-98	91909770 - 1	SI 40 h (1940 to conference and party).		575555 Sobject to 2 157 Avenue	<u> 13-17</u>	<u> 20-24</u>	<u> 25</u> +	ALL
All	0	0	0	2,400	0	0	0	2,400

FARIBAULT POLICE CONSOLIDATION ACCOUNT

DISABILITY RETIREMENTS AS OF JUNE 30, 1996

VF	ΔR	S	n	Z	Δ	RI	ED.	

<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	<u>10-14</u>	<u> 15-19</u>	20-24	<u>25+</u>	ALL
<50	0	0	0	0	0	0	0	0
50-54	0	0	0	0	0	0	0	Ō
55-59	0	0	0	0	0	0	0	
	•	•	•		U	U	U	U
60-64	0	0	0	0	0	0	0	0
65-69	0	0	0	0	0	0	0	n
70-74	0	0	0	0	0	Ō	ŏ	0
75-79	0	0	0	0	0	0	0	O
	^	_	•	-	-	U	U	
80-84	U	U	U	0	0	0	0	0
85+	0	0	0	0	0	0	0	Ō
ΔΙΤ	O	보안 원조하다 하는 보이 맛이						
, ,		0	0	0	0	0	0	0

AVERAGE ANNUAL BENEFIT

YEARS DISABLED

Age	<1	1-4	5-9	10.14	16 10	20.24	0.5
	<u>~1</u>	1-4	<u> </u>	<u>10-14</u>	<u>15-19</u>	<u>20-24</u>	<u> 25+</u> <u>ALL</u>
<50	0	0	0	0	0	0	0 0
50-54	0	0	0	0	0	0	0 0
55-59	0	0	0	0	0	0	0 0
60-64	0	0	0	0	0	0	0 0
65-69	0	0	0	0	0	0	0 0
70-74	0	0	0	0	0	0	0 0
75-79	0	0	0	0	0	0	0 0
80-84	0	0	0	0	0	0	0 0
85+	0	0	0	0	0	Ō	0 0
ALL	0	0	0		0	0	0 0

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS DISABLED

A ~~	-1	1 4	<i>-</i> 0	10.14	4.4.4.4			
V 5C	<u> </u>	1-4	7-4	1111-12	15_10	20.24	ンモエ	100 from part At Park 1.111 aproved in
	<u> </u>	<u></u>	<u> </u>	10 17	17-12	20-24	2.37	ALI.
44 - State - 44	CONTRACTOR WAR CONTRACTOR	76,500 FUNDO POR SANCTON CARROLL SA	orrowing the same and the second or	** *********** ******				
4 44	이 많은 사람이 되는 모모나.	4 B 1944년 전 12 - 교통하는 다 프로젝트 전	A HARABERT STORY OF STORY ALL				e leucopageachte a terranismus	u www.efe.chie.efihaeeet i een olea yaaraa waa oli inii sa
Δ II	0.	0	0	0	0			0
2.411	wassansa a sasara.		programme and the second secon	999) u 6076 (1965 (1966) e e 🕊 🕩 1114		, and a second s	andrae and control of the control of	
	Annual Control of the Control of the Control							

Reconciliation Of Members

			Termin	nated	
			Deferred	Other	
		Actives	Retirement	Non-Vested	
A.	ON JUNE 30, 1995	0	0	0	
В.	ADDITIONS	10	0	0	
C.	DELETIONS				
	1. Service Retirement	0	0	0	
	2. Disability	0	0	0	
	3. Death-Survivor	0	0	Ö	
	4. Death-Other	0	0	Ö	
	5. Terminated - Deferred	0	0	Ö	
	6. Terminated - Refund	0	0	Ō	
	7. Terminated - Other Non-Vested	0	0	Ô	
	8. Returned as Active	0	0	0	
D.	DATA ADJUSTMENTS	0	0	0	
	Vested	10			
	Non-Vested	0			
E.	TOTAL ON JUNE 30, 1996	10	0	0	
			Recipients		
		Retirement			
		Annuitants	Disabled	Survivors	
A.	ON JUNE 30, 1995	0	0	0	
B.	ADDITIONS	15	0	2	
C.	DELETIONS				
	1. Service Retirement	0	0	Λ	
	2. Death	Õ	0	0	
	3. Annuity Expired	ő	0	0	
	4. Returned as Active	ŏ	0	0	
D.	DATA ADJUSTMENTS	0	0	0	
E.	TOTAL ON JUNE 30, 1996	15	0	2	

Actuarial Balance Sheet

(actual dollars)

A.	CURRENT ASSETS (0.57% of Table 1, F6)		\$4,276,092
В.	EXPECTED FUTURE ASSETS		
	 Present Value of Employee Contributions Present Value of Regular Municipal Contributions Present Value of Additional Municipal Contributions Total Expected Future Assets 		\$337,756 506,633 1,117,229 \$1,961,618
C.	TOTAL CURRENT AND EXPECTED FUTURE ASSETS		\$6,237,710
D.	CURRENT PENSION BENEFIT OBLIGATIONS		
	1. Retirees and Beneficiaries Currently Receiving Benefits and Terminated Employees Not Yet Receiving Benefits		\$3,292,698
	2. Current Employees		
	 a. Accumulated Employee Contributions Including Allocated Investment Income* b. Employer-Financed Vested c. Employer-Financed Nonvested d. Total 	\$313,048 1,625,242 0	\$1,938,290
	3. Total Pension Benefit Obligation		\$5,230,988
E.	EXPECTED FUTURE PENSION BENEFIT OBLIGATION		\$1,006,722
F.	TOTAL CURRENT AND EXPECTED FUTURE PENSION BENEFIT OBLIGATION		\$6,237,710
G.	CURRENT UNFUNDED ACTUARIAL LIABILITY (D3-A)	\$954,896	
H.	CURRENT AND FUTURE UNFUNDED ACTUARIAL LIABIL	ITY (F-C)	\$0
*Es	timated		

Entry Age Normal Cost Calculations

(actual dollars)

JULY 1, 1996

Α.	DETERMINATION OF A COMMON AND A	Number of Participants	Present Value of Projected Benefits	Actuarial Accrued Liabilities
A.	DETERMINATION OF ACTUARIAL ACCRUED LIABILITY (AAL)			
	1. Active Members			
	a. Elected PERA Police and Fire	5	\$1,477,574	\$1,162,132
	b. No Election (Greater Value)	5	1,467,438	941,855
	c. Total	10	\$2,945,012	\$2,103,987
	2. Former Members			÷
	a. Elected PERA Police and Fire	0	0	\$0
	b. No Election (Greater Value)	0	0	0
	c. Total	0	\$0	\$0
	3. Benefit Recipients			
	a. Elected PERA Police and Fire*	15	\$3,063,760	\$3,063,760
	b. Elected Relief Association	2	228,938	228,938
	c. Total	17	\$3,292,698	\$3,292,698
	4. Total			
	a. Elected PERA Police and Fire*	20	\$4,541,334	\$4,225,892
	 b. Elected Relief Association 	2	228,938	228,938
	c. No Election (Greater Value)	5	1,467,438	941,855
	d. Total	27	\$6,237,710	\$5,396,685
B.	DETERMINATION OF UNFUNDED A	CTUARIAL ACC	RUED LIABILITY	(UAAL)
	1. AAL (A4)			\$5,396,685
	2. Current Assets (0.57% of Table 1,F6)			4,276,092
	•			
	3. UAAL (B1-B2)			<u>\$1,120,593</u>
C.	NORMAL COST			\$90,325
	·= - -			φ2 U, J Z J

* Includes MPRIF Reserves of \$3,063,760

Net Actuarial Loss (Gain) (actual dollars)

A.	ACTUARIAL PRESENT VALUE OF PROJECTED BENEFITS (Table 9-153)	
	Elected PERA Police and Fire Elected Relief Association	\$4,541,334
		228,938
	3. No Election (Greater Value)4. Total	1,467,438
	4. Iotal	\$6,237,710
B.	PRESENT VALUE OF FUTURE EMPLOYEE CONTRIBUTIONS	
	1. Elected PERA Police and Fire	\$128,173
	2. No Election (Greater Value)	\$209,583
	3. Total	\$337,756
C.	PRESENT VALUE OF FUTURE REGULAR MUNICIPAL CONTRIBUTIONS	
	1. Elected PERA Police and Fire	\$192,259
	2. No Election (Greater Value)	\$314,374
	3. Total	\$506,633
D.	CURRENT VALUE OF TOTAL ASSETS (0.57% of Table 1, F6)	\$4,276,092
E.	PRESENT VALUE OF FUTURE ADDITIONAL MUNICIPAL CONTRIBUTION	NS
	1. Initial contribution - Amortized Through December 31, 2010	\$3,486,318
	2. 15 year amortization of prior years' loss (gain)	0
	(Table 11, B.2.b + B.2.c + B.2.d + B.2.e+B.2.f + B.2.g + B.2.h)	
	3. Total	\$3,486,318
F.	LOSS (GAIN) [A-B-C-D-E]	
1.	= (GAIN) [A-b-C-D-E]	(\$2,369,089)
G.	ANALYSIS OF LOSS (GAIN)	
	1. MPRIF Mortality	(\$39,109)
	2. PERA Benefit Election	(1,031,937)
	3. Additional Contributions Made	(1,051,757)
	4. Other	(1 200 042)
	5. Total	(\$2,369,089)
	=	
H.	15 YEAR AMORTIZATION OF LOSS (GAIN)	(273,884)

Determination of Statutory Contributions

(actual dollars)

JULY 1, 1996

				Percent of Payroll	Dollar Amount
A.	EMPLOYI	EE CONTRIBUTIONS		7.60%	\$33,421 *
В.		ER CONTRIBUTIONS ljustment For State Aid)			
	1. Regular	municipal contribution		11.40%	\$50,132 *
	2. Addition	nal municipal contribution			
		Date	Current	Last	Payment
	·	Established	Balance	Payment	Amount**
	a.	Initial	\$3,486,318	12/31/2010	\$403,044
	b.	07/01/88	\$0	12/31/2002	\$0
	c.	07/01/89	\$0	12/31/2003	\$0
	d.	07/01/90	\$0	12/31/2004	\$0
	e.	07/01/91	\$0	12/31/2005	\$0
	f.	07/01/92	\$0	12/31/2006	\$0
	g.	07/01/93	\$0	12/31/2007	\$0
	h.	07/01/94	\$0	12/31/2008	\$0
	i.	07/01/95	\$0	12/31/2009	\$0
	j.	07/01/96	(\$2,369,089)	12/31/2010	(\$273,884)
	k.	Total	\$1,117,229		\$129,160
C.	ESTIMAT	ED TOTAL STATUTORY	CONTRIBUTION		\$212,713

^{*} Estimated based on prior years' payroll

^{**} Contribution is assumed to be paid on December 31, 1996

ACTIVE MEMBERS AS OF JUNE 30, 1996

% /		
Years	OT N	ervice

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	<u>25-29</u>	<u>30+</u> <u>ALL</u>
<25	0	0	0	0	0	0	0	0 0
25-29	0	0	0	0	0	0	0	0 0
30-34	0	0	0	0	0	0	0	0 0
35-39	0	0	0	0	0	0	0	0 0
40-44	0	0	0	0	0	1	0	0 1
45-49	0	0	0	0	0	3	0	0 3
50-54	0	0	0	0	0	3	0	0 3
55-59	0	0	0	0	0	0	0	0 0
60-64	0	0	0	0	0	0	0	0
65+	0	0	0	0	0	0	0	0
ALL	0	0	0	0	0	7	0	0 7
						A CONTRACT OF THE SECOND	the control of the co	and the second of the second o

AVERAGE ANNUAL EARNINGS

Years of Service

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	10-14	<u>15-19</u>	20-24	25-29	30+ ALL
<25	0	0	0	0	0	0	0	0
25-29	0	0	0	0	0	0	0	0 0
30-34	0	0	0	0	0	0	0	0 0
35-39	0	0	0	0	0	0	0	0 0
40-44	0	0	0	0	0	54,300	0	0 54,300
45-49	0	0	0	0	0	51,552	0	0 51,552
50-54	0	0	0	0	0	50,538	0	0 50,538
55-59	0	0	0	0	0	0	0	0 0
60-64	0	0	0	0	0	0	0	0 0
65+	0	0	0	0	0	0	0	0 0
ALL	0	0	0	0	0	51,510	0	0 51,510

PRIOR FISCAL YEAR EARNINGS (IN DOLLARS) BY YEARS OF SERVICE

Age <u>51 1-4 5-9 10-14 15-19 20-24 25-29 30+ ALL</u>										
Age <u>51 1-4 5-9 10-14 15-19 20-24 25-29 30+ ALL</u>										
All 0 0 0 0 0 360570 0 0 360570	<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	25-29	30+	ALL
	All	0	0		0	0	360 570	0	- 	360.570

SERVICE RETIREMENTS AS OF JUNE 30, 1996

YEARS RETIRED

<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	<u>25+</u>	ALL
<50	0	0	0	0	0	0	0	0
50-54	0	0	0	0	0	0	Ö	ŏ
55-59	1	0	3	n	1	0	0	
60-64	0	ň	1	1	0	0	v	2
	·	· ·		ı	U	U	U	- \$400 - 2 00
65-69	0	1	0	2	3	0	0	6
70-74	0	0	0	1	1	Ō	ő	2
75-79	0	0	0	0	0	1	0	
80-84	Ô	Ď	0	0	0	1	0	
85+	0	0	0	0	Ü	Ü	U	U
6 <i>3</i> T	U	U	U	U	0	0	0	0
ALL	1	1	4	4	5		0	16

AVERAGE ANNUAL BENEFIT

YEARS RETIRED

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	<u>25</u> +	ALL
<50	0	0	0	0	0	0	0	0
50-54	0	0	0	0	0	0	0	0
55-59	24,392	0	20,971	0	21,368	0	0	21,735
60-64	0	0	21,961	21,368	0	0	0	21,665
65-69	0	24,811	0	20,774	21,368	0	0	21,744
70-74	0	0	0	21,368	20,774	0	0	21,071
75-79	0	0	0	0	0	20,774	0	20,774
80-84	0	0	0	0	0	0	0	0
85+	0	0	0	0	0	0	Ö	Ō
ALL	24,392	24,811	21,219	21,071	21,249	20,774	0	21,587

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS RETIRED

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	10-14	15-19	20-24	25+	ALL
All	24,392	24,811	84,876	84,284	106,245	20,774	0	345,392

SURVIVORS AS OF JUNE 30, 1996

VEADS	SINCE	DEATH
ILARS	SHILL.	ULAIH

						_		
<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	<u>20-24</u>	25+	ALL
<50	0	0	0	0	0	0		
50-54	0	0	0	0	0	Ŏ	ő	ŏ
55-59	0	0	0	0	0	0	0	,
60-64	0	0	0	0	0	Ö	0	0
65-69	0	0	0	0	0	0	0	0
70-74	0	0	0	0	0	0	0	0
75-79	0	0	0	0	0	0	0	n
80-84	0	0	0	0	0	1	0	
85+	0	0	0	0	0	0	0	ō
ALL	0	0	0	0	Ō		0	

AVERAGE ANNUAL BENEFIT

YEARS SINCE DEATH

						••		
Age	<u><1</u>	<u>1-4</u>	<u>5-9</u>	10-14	<u>15-19</u>	20-24	25+	ALL
<50	0	0	0	0	0	0	0	
50-54	0	0	0	0	0	0	ő	Ŏ
55-59	0	0	0	0	0	0	0	0
60-64	0	0	0	0	0	0	0	0
65-69	0	0	0	0	0	0	0	0
70-74	0	0	0	0	0	0	Ö	0
75-79	0	0	0	0	0	0	0	0
80-84	0	0	0	0	0	10,684	0	10,684
85+	0	0	0	0	0	0	Ö	0
ALL	0	0	0	0	0	10.684	0	10 684

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS SINCE DEATH

						•		
Age	<1	1-4	5-9	10-14	15-10	20.24	261	A THE SAFE TO LOCALE
	derits T	the end of the state of	ing the second second	. 1011 4	<u>13-17</u>	<u> 20-24</u>	<u> 23+</u>	ALL
All	(1) (C) 0	ing the Park Use	0	0	10.684	n .	10 684
		· ·					SSCORES MAN A SOCIAL PROPERTY.	10.004

DISABILITY RETIREMENTS AS OF JUNE 30, 1996

YEAR	S DI	SAR	(FD
	~		

<u>Age</u>	<1	1-4	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	25+	ALL
<50	0	0	0	1	0	0		 ,
50-54	0	0	0	0	ŏ	0	0	1 0
55-59	0	0	0	0	0	n	٥	
60-64	0	0	0	Ö	0	0	0	0 0
65-69	0	0	0	0	0	n	٥	Ă
70-74	0	0	0	Ö	0	0	0	0
75-79	0	0	0	0	n	n	0	0
80-84	0	0	0	Ô	ň	0	0	0
85+	0	0	0	ŏ	0	0	0	0
ALL	0	. 0	0	1	0	0	0	1

AVERAGE ANNUAL BENEFIT

YEARS DISABLED

Age	<u><1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	25+	ALL
<50	0	0	0	21,368	0	0		21,368
50-54	0	0	0	0	0	0	ŏ	2,,500
55-59	0	0	0	0	0	0	0	0
60-64	0	0	0	0	0	0	0	Õ
65-69	0	0	0	0	0	0	0	0
70-74	0	0	0	0	0	0	0	0
75-79	0	0	0	0	0	0	0	0
80-84	0	0	0	0	0	Õ	Õ	Û
85+	0	0	0	0	0	Ö	0	ñ
ALL	0	0	0	21,368	0	0	0	21,368

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS DISABLED

						,	TO DICKE	7
<u>Age</u>	<u><1</u>	1-4	5-9	10-14	15-19	20-24	25±	2000000 201 A / YOT 2000000000000000000000000000000000000
	0	0	0	21,368	0	<u>20-24</u> 0	<u>∠5∓</u> 0	ALL 21.368

Fridley Police Consolidation Account

Reconciliation Of Members

			Termin	Terminated		
		Actives	Deferred Retirement	Other Non-Vested		
A.	ON JUNE 30, 1995	8	1	0		
B.	ADDITIONS	0	0	0		
D.	DELETIONS 1. Service Retirement 2. Disability 3. Death-Survivor 4. Death-Other 5. Terminated - Deferred 6. Terminated - Refund 7. Terminated - Other Non-Vested 8. Returned as Active DATA ADJUSTMENTS Vested Non-Vested TOTAL ON JUNE 30, 1996	(1) 0 0 0 0 0 0 0 0 7	0 0 0 0 0 0 0	0 0 0 0 0 0 0		
		Retirement Annuitants	Recipients Disabled	Survivors		
A.	ON JUNE 30, 1995	15	1	1		
B.	ADDITIONS	1	0	0		
C.	DELETIONS 1. Service Retirement 2. Death 3. Annuity Expired 4. Returned as Active	0 0 0 0	0 0 0 0	0 0 0 0		
D.	DATA ADJUSTMENTS	0	0	0		
E.	TOTAL ON JUNE 30, 1996	16	1	1		

Fridley Police Consolidation Account

Actuarial Balance Sheet

(actual dollars)

A.	CURRENT ASSETS (1.13% of Table 1, F6)		\$8,545,375
B.	EXPECTED FUTURE ASSETS		
	 Present Value of Employee Contributions Present Value of Regular Municipal Contributions Present Value of Additional Municipal Contributions Total Expected Future Assets 		\$240,655 360,983 (1,419,513) (\$817,875)
C.	TOTAL CURRENT AND EXPECTED FUTURE ASSETS		\$7,727,500
D.	CURRENT PENSION BENEFIT OBLIGATIONS		
	Retirees and Beneficiaries Currently Receiving Benefits and Terminated Employees Not Yet Receiving Benefits		\$4,992,246
	2. Current Employees		
	Including Allocated Investment Income*	\$356,957 ,576,367 0	\$1,933,324
	3. Total Pension Benefit Obligation		\$6,925,570
E.	EXPECTED FUTURE PENSION BENEFIT OBLIGATION		\$801,930
F.	TOTAL CURRENT AND EXPECTED FUTURE PENSION BENEFIT OBLIGATION		\$7,727,500
G.	CURRENT UNFUNDED ACTUARIAL LIABILITY (D3-A)		(\$1,619,805)
H.	CURRENT AND FUTURE UNFUNDED ACTUARIAL LIABILIT	Y (F-C)	\$0
*Es	timated		

Fridley Police Consolidation Account

Entry Age Normal Cost Calculations

(actual dollars)

JULY 1, 1996

A.	DETERMINATION OF ACTUARIAL	Number of Participants	Present Value of Projected Benefits	Actuarial Accrued Liabilities
	ACCRUED LIABILITY (AAL)			
	1. Active Members			
	a. Elected PERA Police and Fire	3	\$1,183,157	\$865,462
	b. No Election (Greater Value)	4	1,552,097	1,233,520
	c. Total	7	\$2,735,254	\$2,098,982
	2. Former Members			
	a. Elected PERA Police and Fire	0	0	\$0
	b. No Election (Greater Value)	1	388,440	388,440
	c. Total	1	\$388,440	\$388,440
	3. Benefit Recipients			
	a. Elected PERA Police and Fire*	18	\$4,603,806	\$4,603,806
	b. Elected Relief Associationc. Total	0	0	0
	c. Total	18	\$4,603,806	\$4,603,806
	4. Total			
	a. Elected PERA Police and Fire*	21	\$5,786,963	\$5,469,268
	b. Elected Relief Association	0	0	0
	c. No Election (Greater Value)d. Total		1,940,537	1,621,960
	u. Total	26	\$7,727,500	<u>\$7,091,228</u>
В.	DETERMINATION OF UNFUNDED A	CTUARIAL ACCI	RUED LIABILITY	(UAAL)
	1. AAL (A4)			\$7,091,228
	2. Current Assets (1.13% of Table 1,F6)			8,545,375
	3. UAAL (B1-B2)			(\$1,454,147)
C.	NORMAL COST			\$79,067

* Includes MPRIF Reserves of \$4,392,084

Fridley Police Consolidation Account

Net Actuarial Loss (Gain)

(actual dollars)

A.	ACTUARIAL PRESENT VALUE OF PROJECTED BENEFITS (Table 9-164) 1. Elected PERA Police and Fire 2. Elected Relief Association 3. No Election (Greater Value) 4. Total	\$5,786,963 0 1,940,537 \$7,727,500
В.	PRESENT VALUE OF FUTURE EMPLOYEE CONTRIBUTIONS 1. Elected PERA Police and Fire	
		\$129,713
	2. No Election (Greater Value)3. Total	\$110,942
	3. 10tai	\$240,655
C.	PRESENT VALUE OF FUTURE REGULAR MUNICIPAL CONTRIBUTIONS 1. Elected PERA Police and Fire	
		\$194,569
	2. No Election (Greater Value)3. Total	\$166,414
	5. Total	\$360,983
D.	CURRENT VALUE OF TOTAL ASSETS (1.13% of Table 1, F6)	\$8,545,375
E.	PRESENT VALUE OF FUTURE ADDITIONAL MUNICIPAL CONTRIBUTIONAL MUNICIPAL C	ONS
	1. Initial contribution - Amortized Through December 31, 2010	\$1,034,865
	2. 15 year amortization of prior years' loss (gain)	(1,766,604)
	(Table 11, B.2.b + B.2.c + B.2.d + B.2.e+B.2.f + B.2.g + B.2.h)	
	3. Total	(\$731,739)
12	TOOK (CARD SAR DO DO	
F.	LOSS (GAIN) [A-B-C-D-E]	(\$687,774)
G.	ANALYSIS OF LOSS (GAIN)	
	1. MPRIF Mortality	\$45,807
	2. PERA Benefit Election	(83,726)
	3. Additional Contributions Made	(100,727)
	4. Other	(549,128)
	5. Total	(\$687,774)
H.	15 YEAR AMORTIZATION OF LOSS (GAIN)	(79,512)

Fridley Police Consolidation Account

Determination of Statutory Contributions

(actual dollars)

JULY 1, 1996

	CLADI OVER CONTENIDATIVO VI			Percent of Payroll	Dollar Amount	
A.	EMPLOY	EE CONTRIBUTIONS		7.60%	\$27,404 ·	
В.		ER CONTRIBUTIONS ljustment For State Aid)				
	1. Regular	municipal contribution		11.40%	\$ 41,105 *	
	2. Addition	nal municipal contribution				
		Date	Current	Last	Payment	
		Established	Balance	Payment	Amount**	
	a.	Initial	\$1,034,865	12/31/2010	\$119,638	
	b.	07/01/88	\$0	12/31/2002	\$0	
	c.	07/01/89	\$0	12/31/2003	\$ 0	
	d.	07/01/90	\$0	12/31/2004	\$ 0	
	e.	07/01/91	\$0	12/31/2005	\$ 0	
	f.	07/01/92	\$0	12/31/2006	\$0 \$0	
	g.	07/01/93	\$0	12/31/2007	\$0 \$0	
	h.	07/01/94	(\$1,735,825)	12/31/2008	(\$216,676)	
	i.	07/01/95	(\$30,779)	12/31/2009	(\$3,689)	
	j.	07/01/96	(\$687,774)	12/31/2010	(\$79,512)	
	k.	Total	(\$1,419,513)		(\$180,239)	
C.	ESTIMATI	ED TOTAL STATUTORY C	ONTRIBUTION		(\$111,730)	

^{*} Estimated based on prior years' payroll

^{**} Contribution is assumed to be paid on December 31, 1996

ACTIVE MEMBERS AS OF JUNE 30, 1996

Years	of Se	-
I Cais	ULUE	IVICE

					TIB OI DOI VICE	•		
<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	10-14	<u>15-19</u>	20-24	25-29	<u>30+</u> <u>ALL</u>
<25	0	0	0	0	0	0	0	0 0
25-29	0	0	0	0	0	0	o	0 0
30-34	0	0	0	0	0	0	0	0
35-39	0	0	0	0	1	Ō	0	0 1
40-44	0	0	0	0	2	0	0	0 2
45-49	0	0	0	0	5	4	Ö	0 9
50-54	0	0	0	0	0	0	n	Λ Λ
55-59	0	0	0	0	Ö	1	1	1 3
60-64	0	0	0	0	0	0	0	0 0
65+	0	0	0	0	0	0	o	0 0
ALL	0	0	0	0	8	5	1.1	1 15

AVERAGE ANNUAL EARNINGS

Years of Service

Age	<u><1</u>	<u>1-4</u>	<u>5-9</u>	10-14	<u>15-19</u>	20-24	25-29	<u>30+</u>	<u>ALL</u>
<25	0	0	0	0	0	0	0	0	0
25-29	0	0	0	0	0	0	0	ő	Ö
30-34	0	0	0	0	0	0	0	0	0
35-39	0	0	0	0	43,830	0	0	0	43,830
40-44	0	0	0	0	45,246	0	0	0	45,246
45-49	0	0	0	0	44,383	49,106	0	0	46,482
50-54	0	0	0	0	0	0	0	0	0
55-59	0	0	0	0	0	57,241	45,878	44,916	49,345
60-64	0	0	0	0	0	0	0	0	0
65+	0	0	0	0	0	0	0	0	0
ALL	0	0	0	0	44,530	50,733	45,878	44,916	46,713

PRIOR FISCAL YEAR EARNINGS (IN DOLLARS) BY YEARS OF SERVICE

<u>Age</u>	<u>≤1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	15-19	20-24	25-29	30+	ALL
All	0	C) 0	0	356,240	253,665	45,878	 44,916	700,695

SERVICE RETIREMENTS AS OF JUNE 30, 1996

\mathbf{v}	E A	DC	RETIRED	
1	ĿΑ	KA	KK LIKK.	

<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	25+	ALL
<50	0	0	0	0	0	0		<u> </u>
50-54	0	0	0	0	0	Ö	ő	0
55-59	1	2	0	0	0	0	0	3
60-64	0	1	1	0	0	0	0	2
65-69	0	1	1	9	0	0	0	11
70-74	0	0	0	0	1	ŏ	0	
75-79	0	0	0	0	1	0	0	
80-84	0	0	0	0	0	0	0	0
85+	0	0	0	0	0	0	Õ	ŏ
ALL	1	4	2	9	2	0	0	18

AVERAGE ANNUAL BENEFIT

YEARS RETIRED

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	10-14	<u>15-19</u>	20-24	25+ ALL
<50	0	0	0	0	0	0	0
50-54	0	0	0	0	0	0	0 0
55-59	26,815	25,606	0	0	0	0	0 26,009
60-64	0	25,769	19,844	0	0	0	0 22,807
65-69	0	42,565	24,016	22,140	0	0	0 24,167
70-74	0	0	0	0	16,105	0	0 16,105
75-79	0	0	0	0	21,625	0	0 21,625
80-84	0	0	0	0	0	Ô	0 21,025
85+	0	0	0	. 0	0	ō	0 0
ALL	26,815	29,887	21,930	22,140	18,865	0	0 23,734

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS RETIRED

				(100, 201 1,021	TOTAL	
<u>Age</u>	<u><1</u>	1-4	5-9	10-14	15-19	20-24	25+	AIT
All	26,815	119,548	43,860	199,260	37,730	0	0	427.212

SURVIVORS AS OF JUNE 30, 1996

VE	291	CINCE	DEATH	

				EZZENO BELV	CE DEATI	.1		
Age	<u><1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	25+	ALL
<50	0	0	0	0	0	0		0
50-54	0	0	0	0	0	0	0	0
55-59	0	0	0	0	0	0	n	n
60-64	0	0	0	0	0	Ö	1	ĺ
65-69	0	0	1	1	0	0	0	2
70-74	0	0	0	0	0	0	ő	0
75-79	0	0	0	0	1	0	0	1
80-84	0	0	0	0	0	Ô	0	ń
85+	0	0	0	0	0	Ö	4	4
ALL	0	0	1	1	1	0	5	8

AVERAGE ANNUAL BENEFIT

YEARS SINCE DEATH

<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	<u>10-14</u>	15-19	20-24	25+	ALL
<50	0	0	0	0	0	0		
50-54	0	0	0	0	0	Ō	Ŏ	Õ
55-59	0 '	0	0	Λ	0	0	0	,
	•	•		U	U	U	U	V
60-64	U	0	0	0	0	0	4,196	4,196
65-69	0	0	8,897	7,829	0	0	0	8,363
70-74	0	0	0	0	0	0	0	0,203
75-79	0	0	0	0	5,636	0	0	5,636
80-84	0	Δ	^	0	0,020	•		2,030
	-	U	U	U	U	0	0	0
85+	0	0	0	0	0	0	4,154	4,154
ALL	0	0	8,897	7,829	5,636	0		
			0,077	1,047	2,020	0	4,162	5.397

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS SINCE DEATH

A ~~	-1							
Age	<u> </u>	1-4	1_U	10 14	15 10	20.24	25.	to a train of the first and the second of th
	<u> </u>	<u> </u>	<u>J-J</u>	10-14	13-19	ZU-Z4	25+	Δ
- 4 4 15 (20. h	2.6、30、10年间20年(1977年)(1977)	AN SAME TO SERVE SERVE SERVERS AND A SERVER SERVERS AND A SERVER SERVER AND A SERVER S				= :	<u> </u>	
3.44					Yeqqalar qarene etti xetti	419 (202000000000 Avr. Avr. 20	SAS AND SOME PROGRAMMED TO THE RECORD OF A SEC.	
All	6 11. 50 d oo - 110. f 1	 A service of the control of the contro	0 007	7 000				
All	Santagriff (1984) i 🌱	00.00 PM	0.071	7.829		Ω	20 210	A2 176
		sekar laska distribu 🗚 🖂 🕬		1,047	~,~,~		20.010	43.170
						医甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基	the contract of the second section of the second	500 C 200 Security Comments (表記) (日本) (本語) (日本) (本語) (日本)

DISABILITY RETIREMENTS AS OF JUNE 30, 1996

				YEARS D	ISABLED			
<u>Age</u>	<u>≤1</u>	<u>1-4</u>	<u>5-9</u>	10-14	<u>15-19</u>	20-24	25+	ALL
<50	1	0	0	0	0			
50-54	0	0	0	0	0	ő	0	0
55-59	0	0	0	0	0	0	0	n
60-64	0	0	0	0	0	Ö	0	0
65-69	0	0	0	0	0	0	0	0
70-74	0	0	0	0	0	0	0	0
75-79	0	0	0	0	0	0	0	0
80-84	0	0	0	0	Ô	Ô	0	Ň
85+	0	0	0	0	0	0	0	0

AVERAGE ANNUAL BENEFIT

				YEARS D	ISABLED			
<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	<u> 10-14</u>	15-19	20-24	25+	ALL
<50	8,467	0	0	0	0	0		8,467
50-54	0	0	0	0	0	Ö	0	0,407
55-59	0	0	0	0	0	0	n	n
60-64	0	0	0	0	0	0	ő	0
65-69	0	0	0	0	0	0	0	0
70-74	0	0	0	0	0	0	0	Ŏ
75-79	0	0	0	0	0	0	0	n
80-84	0	0	0	0	ő	0	0	Ô
85+	0	0.	0	0	Ö	Ŏ	0	0
ALL	8,467	0	0	0	0	0	0	8,467

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS DISABLED

_						,		
4								
Age	< I	1.1	50	10 14	16 10			
1 100	~1	1-4	3-7	111-14	1 1 - 1 U	20.24	251	ΔΙΙ
			<u> </u>	10 17	13-17	20-24	Z3T	A A A SECTION
一直 网络维拉 化水铁矿	496). Abdom 2011 Brook 1994	\$\$\text{\tau}\$ \tau \tau \tau \tau \tau \tau \tau \tau	Notice that the second control of the second control of the second control of the second control of the second	Santa a service of the service of the service of		·		ALL
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A 11	X AN	\sim \sim \sim		A		the factor of the same and the		
	0.707		0			\$15,000 pp. 2000 pp. 1000 pp.		8,467
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				A SECTION OF THE PROPERTY OF T	erite de la comitación de		A Control of the Control of the Control of the	

Reconciliation Of Members

			Termin	nated
		Actives	Deferred Retirement	Other Non-Vested
Α.	ON JUNE 30, 1995	17	0	0
В.	ADDITIONS	0	0	
C.	DELETIONS	O	U	0
C.	1. Service Retirement	(1)	0	0
	2. Disability	(1)	ő	0
	3. Death-Survivor	0	0	0
	4. Death-Other	0	0	0
	5. Terminated - Deferred	0	0	0
	6. Terminated - Refund	0	0	0
	7. Terminated - Other Non-Vested	0	0	0
	8. Returned as Active	0	0	0
D.	DATA ADJUSTMENTS	0	0	0
	Vested	15		
	Non-Vested	0		
E.	TOTAL ON JUNE 30, 1996	15	0	0
			Recipients	
		Retirement Annuitants	Disabled	Survivors
A.	ON JUNE 30, 1995	17	0	9
В.	ADDITIONS	1	1	0
C.	DELETIONS			
	1. Service Retirement	0	0	0
	2. Death	0	Ö	(1)
	3. Annuity Expired	0	0	0
	4. Returned as Active	0	0	0
D.	DATA ADJUSTMENTS	0	0	0
E.	TOTAL ON JUNE 30, 1996	18	1	8

Actuarial Balance Sheet

(actual dollars)

A.	CURRENT ASSETS (0.84% of Table 1, F6)		\$6,346,375
В.	EXPECTED FUTURE ASSETS		
	 Present Value of Employee Contributions Present Value of Regular Municipal Contributions Present Value of Additional Municipal Contributions Total Expected Future Assets 		\$540,751 811,127 2,968,046 \$4,319,924
C.	TOTAL CURRENT AND EXPECTED FUTURE ASSETS		\$10,666,299
D.	CURRENT PENSION BENEFIT OBLIGATIONS		
	 Retirees and Beneficiaries Currently Receiving Benefits and Terminated Employees Not Yet Receiving Benefits 		\$5,798,702
	2. Current Employees		
	 a. Accumulated Employee Contributions Including Allocated Investment Income* b. Employer-Financed Vested c. Employer-Financed Nonvested d. Total 	\$602,655 2,621,419 0	
			\$3,224,074
	3. Total Pension Benefit Obligation		\$9,022,776
E.	EXPECTED FUTURE PENSION BENEFIT OBLIGATION		\$1,643,523
F.	TOTAL CURRENT AND EXPECTED FUTURE PENSION BENEFIT OBLIGATION		\$10,666,299
G.	CURRENT UNFUNDED ACTUARIAL LIABILITY (D3-A)		\$2,676,401
H.	CURRENT AND FUTURE UNFUNDED ACTUARIAL LIABIL	ITY (F-C)	\$0
*Es	timated		

Entry Age Normal Cost Calculations

(actual dollars)

		Number of Participants	Present Value of Projected Benefits	Actuarial Accrued Liabilities
A.	DETERMINATION OF ACTUARIAL ACCRUED LIABILITY (AAL)			
	1. Active Members			
	a. Elected PERA Police and Fire	15	\$4,867,597	\$3,513,118
	b. No Election (Greater Value)	0	0	0
	c. Total	15	\$4,867,597	\$3,513,118
	2. Former Members			
	 a. Elected PERA Police and Fire 	0	0	\$0
	b. No Election (Greater Value)	0	0	0
	c. Total	0	\$0	\$0
	3. Benefit Recipients			
	Elected PERA Police and Fire*	26	\$5,492,297	\$5,492,297
	b. Elected Relief Association	1	306,405	306,405
	c. Total	27	\$5,798,702	\$5,798,702
	4. Total			
	a. Elected PERA Police and Fire*	41	\$10,359,894	\$9,005,415
	b. Elected Relief Association	1	306,405	306,405
	c. No Election (Greater Value)	0	0	0
	d. Total	42	<u>\$10,666,299</u>	\$9,311,820
B.	DETERMINATION OF UNFUNDED A	CTUARIAL ACCI	RUED LIABILITY	(UAAL)
	1. AAL (A4)			\$9,311,820
	2. Current Assets (0.84% of Table 1,F6)			6,346,375
	3. UAAL (B1-B2)			\$2,965,445
C.	NORMAL COST			\$142,788

^{*} Includes MPRIF Reserves of \$5,073,173

Net Actuarial Loss (Gain)

(actual dollars)

A.	ACTUARIAL PRESENT VALUE OF PROJECTED BENEFITS (Table 9-086) 1. Elected PERA Police and Fire 2. Elected Relief Association 3. No Election (Greater Value) 4. Total	\$10,359,894 306,405 0 \$10,666,299
B.	PRESENT VALUE OF FUTURE EMPLOYEE CONTRIBUTIONS	
	1. Elected PERA Police and Fire	\$540,751
	2. No Election (Greater Value)	\$0
	3. Total	\$540,751
C.	PRESENT VALUE OF FUTURE REGULAR MUNICIPAL CONTRIBUTIONS	
	1. Elected PERA Police and Fire	\$811,127
	2. No Election (Greater Value)	\$011,127
	3. Total	\$811,127
D.	CURRENT VALUE OF TOTAL ASSETS (0.84% of Table 1, F6)	\$6,346,375
E.	PRESENT VALUE OF FUTURE ADDITIONAL MUNICIPAL CONTRIBUTION	NC
	1. Initial contribution - Amortized Through December 31, 2010	\$3,710,993
	2. 15 year amortization of prior years' loss (gain)	(1,225,462)
	(Table 11, B.2.b + B.2.c + B.2.d + B.2.e+B.2.f + B.2.g + B.2.h)	
	3. Total	\$2,485,531
F.	LOSS (GAIN) [A-B-C-D-E]	\$482,515
		Ψ τ 02,313
G.	ANALYSIS OF LOSS (GAIN)	
	1. MPRIF Mortality	\$86,691
	2. PERA Benefit Election	0
	3. Additional Contributions Made4. Other	0
	5. Total	395,824
	=	\$482,515
H.	15 YEAR AMORTIZATION OF LOSS (GAIN)	55,782

Determination of Statutory Contributions

(actual dollars)

JULY 1, 1996

			Percent of Payroll	Dollar Amount
A. EMPLOY	EE CONTRIBUTIONS		7.60%	\$53,253 *
	ER CONTRIBUTIONS djustment For State Aid)			
1. Regular	r municipal contribution		11.40%	\$79,880 *
2. Additio	nal municipal contribution			
	Date	Current	Last	Payment
	Established	Balance	Payment	Amount**
a .	Initial	\$3,710,993	12/31/2010	\$429,018
b.	07/01/88	\$0	12/31/2002	\$0
c.	07/01/89	\$0	12/31/2003	\$0
d.	07/01/90	(\$1,973,271)	12/31/2004	(\$309,590)
e.	07/01/91	\$1,009,370	12/31/2005	\$147,687
f.	07/01/92	(\$231,443)	12/31/2006	(\$31,883)
g.	07/01/93	(\$105,171)	12/31/2007	(\$13,747)
h.	07/01/94	\$10,599	12/31/2008	\$1,323
i.	07/01/95	\$64,454	12/31/2009	\$7,725
j.	07/01/96	\$482,515	12/31/2010	\$55,782
k.	Total	\$2,968,046		\$286,315
C. ESTIMATI	ED TOTAL STATUTORY C	CONTRIBUTION		\$419,448

^{*} Estimated based on prior years' payroll

^{**} Contribution is assumed to be paid on December 31, 1996

ACTIVE MEMBERS AS OF JUNE 30, 1996

Years	of Se	rvica

Age	<1	1-4	5-9	10-14	15-19	20-24	25.20	20.
	<u> </u>		2.7	10-14	13-19	20-24	<u>25-29</u>	<u>30+</u> <u>ALL</u>
<25	U	U	0	0	0	0	0	0
25-29	0	0	0	0	0	0	0	0 0
30-34	0	0	0	0	0	۸	۸	0
35-39	Λ	۸	^	^	•	0	U	U U
33-39	U	U	U	U	1	0	0	0 1
40-44	0	0	0	0	1	1	0	0 2
45-49	0	0	0	0	1	3	0	0 4
50-54	0	0	0	0	1	2	2	0 5
55-59	0	0	0	0	0	0	2	0 2
60-64	0	0	0	0	0	0	0	0 0
65+	0	0	0	0	0	0	0	o o
ATT	0	Λ	0	0	4	6	4	0 14

AVERAGE ANNUAL EARNINGS

Years of Service

-								
Age	<u><1</u>	1-4	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	25-29	30+ ALL
<25	0	0	0	0	0	0	0	
25-29	0	0	0	0	0	0	Ö	0 0
30-34	0	0	0	0	0	0	0	0
35-39	0	0	0	0	51,853	0	Ő	0 51,853
40-44	0	0	0	0	38,064	40,048	0	0 39,056
45-49	0	0	0	0	37,649	40,592	0	0 39,856
50-54	0	0	0	0	38,238	39,165	49,697	0 43,192
55-59	0	0	0	0	0	0	40,536	0 40,536
60-64	0	0	0	0	0	0	n	0 0
65+	0	0	0	0	0	0	Ŏ	0 0
ALL	0	0	0	0	41,451	40,026	45,117	0 41.887

PRIOR FISCAL YEAR EARNINGS (IN DOLLARS) BY YEARS OF SERVICE

						,		DEICTION	
<u>Age</u>	<u>≤1</u>	1-4	5-9	10-14	15-19	20-24	25-29	3∩+ Δ1T	
All	0	0	0	0	165,804	360,000,000,000,000	180.468	0 586.41	2

SERVICE RETIREMENTS AS OF JUNE 30, 1996

YEARS	RETIRED

<u>Age</u>	<u>≤1</u>	1-4	<u>5-9</u>	10-14	<u>15-19</u>	<u>20-24</u>	25+	ALL
<50	0	0	0	0	0	0	0	0
50-54	0	0	0	0	0	0	0	Õ
55-59	0	1	0	0	0	٥	0	1
60-64	0	2	3	ñ	Ô	0	n	1 5
	•	_	-		Ū	v	U	3
65-69	Ü	1	1	. 1	0	0	0	3
70-74	0	0	0	0	1	0	1	2
75-79	0	0	0	0	0	1	0	1
80-84	0	0	0	0	0	0	0	0
85+	0	0	0	0	0	1	0	
ALL	0	4	4		1	2		13

AVERAGE ANNUAL BENEFIT

YEARS RETIRED

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	25+	ALL
<50	0	0	0	0	0	0	0	0
50-54	0	0	0	0	0	0	0	0
55-59	0	23,252	0	0	0	0	0	23,252
60-64	0	29,106	26,720	0	0	0	0	27,674
65-69	0	23,723	28,734	30,501	0	0	0	27,653
70-74	0	0	0	0	22,418	0	2,014	12,216
75-79	0	0	0	0	0	22,151	0	22,151
80-84	0	0	0	0	0	0	0	
85+	0	0	0	0	0	19,823	Õ	19,823
ALL	0	26,297	27,224	30,501	22,418	20,987	2,014	23,922

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS RETIRED

						,		
4								
<u>Age</u>	-1	1 /	<i>-</i> ^	10 14				
7120	<u> </u>	1-4	7-4	10-14	15.10	20-24	↑	から重り置り 変わからがく カバリカバー
		<u></u>	<u>5-7</u>	10-14	13-17	ZU-Z4	2.3T (0.00.00)	· Δ Ι . Ι . Ι . Ι . Ι . Ι . Ι . Ι . Ι . Ι
A CONTRACT OF THE	A DESCRIPTION OF THE PARTY.	and the second s				===	△ - 333,530,50	ALL
4 11			 6 Province (Proposity Receipe) 	Strategic Control of the Control of	文本 医有精细病 化化氯化物医化氯化物医化氯化物 化二氯化物 医大大大蒜	STATE OF STATE OF STATE AND A STATE OF	**** ****** *** *** 50000 \$7000.	
	ta da esta de la compania de la 🐧 de la	105.188	108.896					
AII	er na skrivat kala kere sa i lil asi i	HIT IXX	HIIX XUA	30.501	77 410		2 014	to the second of the second of
		100,100	100.070		22,418	4 7 14		
		. The second sec				41,974	CONTRACTOR OF THE PROPERTY OF A PARTY OF A P	310,986

SURVIVORS AS OF JUNE 30, 1996

YEARS	SINCE	DEATH

<u>Age</u>	≤1	1-4	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	25+ ALL	
<50	0	0	0	0	0	0	0 ())
50-54	0	0	0	0	0	0	1 0	
55-59	0	0	1	0	0	0	0	
60-64	0	0	0	0	0	0	0 ()
65-69	0	0	0	0	0	0	0 0)
70-74	0	0	0	0	0	0	0 ()
75 -7 9	0	0	0	0	0	0	0 0	ing. Nati
80-84	0	0	0	0	0	0	1	
85+	0	0	0	0	0	2	1 3	
ALL	0	0	1	0	0	2	2 5	

AVERAGE ANNUAL BENEFIT

YEARS SINCE DEATH

				_				
<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	<u>25+</u>	ALL
<50	0	0	0	0	0	0	0	0
50-54	0	0	0	0	0	0	Ô	Õ
55-59	0	0	11,746	0	0	. 0	0	11,746
60-64	0	0	0	0	0	0	0	0
65-69	0	0	0	0	0	0	0	0
70 -74	0	0	0	0	0	0	0	Ô
75-79	0	0	0	0	0	0	0	0
80-84	0	0	0	0	0	0	4,784	4,784
85+	0	0	0	0	0	4,164	4,196	4,175
ALL	0	0	11,746	0	0	4,164	4,490	5,811

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS SINCE DEATH

_				•				
A ~~	<i>-</i> 1	1 4		10 11				
Age	<u> </u>	i -4	7-4	311-14	15_10	20.24	25-	Facility of the second of the
		<u></u>	<u> </u>	10-17	17-17	ZU-Z4	2.3~	AL 15
1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	TO STANDONNESS OF THE PARK	contrate and a contrate and the second section is						
	1.0404.000	2 (5) 4. 4. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6.		F1 10 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		vičinios para papanda papagaga su sues	90000000000000000000000000000000000000	
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400,000,000,000	a new agreement in the Z			The second of th		0.220	0.70U	Control of the Contro

DISABILITY RETIREMENTS AS OF JUNE 30, 1996

5 7 D A TO C	****	
YEARS	DISABLED	

<u>Age</u>	<u>≤1</u>	1-4	<u>5-9</u>	10-14	<u>15-19</u>	20-24	25+	ALL
<50	0	0	0	0	0	0		0
50-54	0	0	0	0	0	Ŏ	0	0
55-59	0	0	0	0	0	0	n	0
60-64	0	0	0	0	0	Ő	0	0
65-69	0	0	0	0	0	0	0	0
70-74	0	0	0	0	0	Ö	0	0
75-79	0	0	0	0	0	0	0	n
80-84	0	0	0	0	0	0	ň	ň
85+	0	0	0	0	0	0	ő	0
ALL	0	0	0	. 0	0		0	0

AVERAGE ANNUAL BENEFIT

YEARS DISABLED

<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	25+	ALL
<50	0	0	0	0	0			
50-54	0	0	0	0	0	Ō	ő	0
55-59	0	0	0	0	n	0	0	
60-64	0	Ō	Ŏ	0	0	0	0	0
65-69	0	0	^	0	0	•	-	
	0	0	U	U	U	0	0	0
70-74	O	0	0	0	0	0	0	0
75-79	0	0	0	0	0	0	0	and the first of the second
80-84	0	0	0	0	Ô	Ô	0	0
85+	0	0	0	0	0	ő	0	0
ALL	0	0	0	0	.0	0	Ö	Ŏ

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS DISABLED

						,		
Δα	<u> </u>	1.4	£ 0	10.14	15.10			,
<u>Ω8</u>	<u>≥ _1</u>	<u>1-4</u>	3-9	10-14	15-19	20-24	25+ ≪ ∆11	
		92693:1900 bu 32 51 ft 45 (47 4	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	60000000 MANAGOO, 100	- 21 10 - 0.070 (e. september 10 - 0.070)	AND DESCRIPTION OF THE PARTY OF	-y-	
Al	l a la constant	n .	0					
		y	1 - 2 - 3 - 3 - 3 - 4 - 5 - 4 - 5 - 5 - 5 - 5 - 5 - 5 - 5	0		0	0 0	

Reconciliation Of Members

		_			
		Actives	Deferred	Other	
		Actives	Retirement	Non-Vested	
A.	ON JUNE 30, 1995	14	0	0	
B.	ADDITIONS	0	0	0	
C.	DELETIONS				
	1. Service Retirement	0	0	0	
	2. Disability	0	0	Ö	
	3. Death-Survivor	0	0	0	
	4. Death-Other	0	0	0	
	5. Terminated - Deferred	. 0	0	0	
	6. Terminated - Refund	0	0	0	
	7. Terminated - Other Non-Vested	0	0	0	
	8. Returned as Active	0	0	0	
D.	DATA ADJUSTMENTS	0	0	0	
	Vested	14			
	Non-Vested	0			
-	moment are made and are	V			
E.	TOTAL ON JUNE 30, 1996	14	0	0	
			Recipients		
		Retirement Annuitants	Disabled	Survivors	
-		· · · · · · · · · · · · · · · · · · ·			
A.	ON JUNE 30, 1995	14	0	5	
В.	ADDITIONS	0	0	0	
C.	DELETIONS				
	1. Service Retirement	0	0	0	
	2. Death	(1)	Ö	ő	
	3. Annuity Expired	$\overset{\smile}{0}$	0	ő	
	4. Returned as Active	0	0	0	
D.	DATA ADJUSTMENTS	0	0	0	
E.	TOTAL ON JUNE 30, 1996	13	0	5	

Actuarial Balance Sheet

(actual dollars)

A.	CURRENT ASSETS (0.74% of Table 1, F6)		\$5,566,155
В.	EXPECTED FUTURE ASSETS		
	 Present Value of Employee Contributions Present Value of Regular Municipal Contributions Present Value of Additional Municipal Contributions Total Expected Future Assets 		\$420,701 631,052 1,519,028 \$2,570,781
C.	TOTAL CURRENT AND EXPECTED FUTURE ASSETS		\$8,136,936
D.	CURRENT PENSION BENEFIT OBLIGATIONS		
	1. Retirees and Beneficiaries Currently Receiving Benefits and Terminated Employees Not Yet Receiving Benefits		\$3,886,622
	2. Current Employees		
	 a. Accumulated Employee Contributions Including Allocated Investment Income* b. Employer-Financed Vested c. Employer-Financed Nonvested d. Total 	\$593,608 2,331,547 0	\$2,925,155
	3. Total Pension Benefit Obligation		\$6,811,777
E.	EXPECTED FUTURE PENSION BENEFIT OBLIGATION		\$1,325,159
F.	TOTAL CURRENT AND EXPECTED FUTURE PENSION BENEFIT OBLIGATION		\$8,136,936
G.	CURRENT UNFUNDED ACTUARIAL LIABILITY (D3-A)		\$1,245,622
H.	CURRENT AND FUTURE UNFUNDED ACTUARIAL LIABII	LITY (F-C)	\$0
*Es	timated		

Entry Age Normal Cost Calculations

(actual dollars)

JULY 1, 1996

		Number of Participants	Present Value of Projected Benefits	Actuarial Accrued Liabilities
A.	DETERMINATION OF ACTUARIAL ACCRUED LIABILITY (AAL)			
	1. Active Members			
	a. Elected PERA Police and Fire	14	\$4,250,314	\$3,184,521
	b. No Election (Greater Value)	0	0	0
	c. Total	14	\$4,250,314	\$3,184,521
	2. Former Members			
	a. Elected PERA Police and Fire	0	0	\$0
	b. No Election (Greater Value)	0	0	0
	c. Total	0	\$0	\$0
	3. Benefit Recipients			
	a. Elected PERA Police and Fire*	17	\$3,467,090	\$3,467,090
	b. Elected Relief Association	1	419,532	419,532
	c. Total	18	\$3,886,622	\$3,886,622
	4. Total			
	a. Elected PERA Police and Fire*	31	\$7,717,404	\$6,651,611
	 b. Elected Relief Association 	1	419,532	419,532
	c. No Election (Greater Value)	0	0	0
	d. Total	32	\$8,136,936	\$7,071,143
B.	DETERMINATION OF UNFUNDED A	CTUARIAL ACCI	RUED LIABILITY	(114 41)
			COLD ENIBILITY	(OIML)
	1. AAL (A4)			\$7,071,143
	2. Current Assets (0.74% of Table 1,F6)			5,566,155
	3. UAAL (B1-B2)			\$1,504,988
C.	NORMAL COST			\$120,948

* Includes MPRIF Reserves of \$3,290,542

Net Actuarial Loss (Gain)

(actual dollars)

A.	ACTUARIAL PRESENT VALUE OF PROJECTED BENEFITS (Table 9-085) 1. Elected PERA Police and Fire 2. Elected Relief Association 3. No Election (Greater Value) 4. Total	\$7,717,404 419,532 0 \$8,136,936
В.	PRESENT VALUE OF FUTURE EMPLOYEE CONTRIBUTIONS	
٥.	1. Elected PERA Police and Fire	\$420,701
	2. No Election (Greater Value)	\$420,701
	3. Total	\$420,701
C.	PRESENT VALUE OF FUTURE REGULAR MUNICIPAL CONTRIBUTIONS	
	1. Elected PERA Police and Fire	\$631,052
	2. No Election (Greater Value)	\$031,032 \$0
	3. Total	\$631,052
D.	CURRENT VALUE OF TOTAL ASSETS (0.74% of Table 1, F6)	\$5,566,155
E.	PRESENT VALUE OF FUTURE ADDITIONAL MUNICIPAL CONTRIBUTIO	NS
	1. Initial contribution - Amortized Through December 31, 2010	\$2,822,771
	2. 15 year amortization of prior years' loss (gain)	(1,184,437)
	(Table 11, B.2.b + B.2.c + B.2.d + B.2.e+B.2.f + B.2.g + B.2.h)	
	3. Total	\$1,638,334
F.	LOSS (GAIN) [A-B-C-D-E]	(\$119,306)
G.	ANALYSIS OF LOSS (GAIN)	
-	1. MPRIF Mortality	(\$46,967)
	2. PERA Benefit Election	(\$40,507)
	3. Additional Contributions Made	(186)
	4. Other	(72,153)
	5. Total	(\$119,306)
H.	15 YEAR AMORTIZATION OF LOSS (GAIN)	(13,793)

Determination of Statutory Contributions

(actual dollars)

JULY 1, 1996

				Percent of Payroll	Dollar Amount
A.	EMPLOYI	EE CONTRIBUTIONS		7.60%	\$44,569 *
В.		ER CONTRIBUTIONS ljustment For State Aid)			
	1. Regular	municipal contribution		11.40%	\$66,853 *
	2. Addition	nal municipal contribution			
		Date	Current	Last	Payment
		Established	Balance	Payment	Amount**
	a.	Initial	\$2,822,771	12/31/2010	\$326,333
	b.	07/01/88	\$0	12/31/2002	\$0
	c.	07/01/89	\$0	12/31/2003	\$0
	d.	07/01/90	(\$1,013,597)	12/31/2004	(\$159,025)
	e.	07/01/91	\$1,205,336	12/31/2005	\$176,360
	f.	07/01/92	(\$817,029)	12/31/2006	(\$112,552)
	g.	07/01/93	(\$393,112)	12/31/2007	(\$51,384)
	h.	07/01/94	(\$356,753)	12/31/2008	(\$44,532)
	i.	07/01/95	\$190,718	12/31/2009	\$22,858
	j.	07/01/96	(\$119,306)	12/31/2010	(\$13,793)
	k.	Total	\$1,519,028		\$144,265
C.	ESTIMATI	ED TOTAL STATUTORY C	ONTRIBUTION		\$255,687

^{*} Estimated based on prior years' payroll

^{**} Contribution is assumed to be paid on December 31, 1996

ACTIVE MEMBERS AS OF JUNE 30, 1996

Vears	of Service	

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	10-14	15-19	20-24	25-29	30+	\LL
<25	0	0	0	0	0	0			<u></u>
25-29	0	0	0	0	Ő	ñ	0		0
30-34	0	0	•	•		ŭ	Ū	Ψ.	U
	U	U	U	0	0	0	0	n	Λ
35-39	0	0	0	0	0	0	0	Ô	0
40-44	0	0	0	n	Λ	٥	^	A	
45.40	_	_	v	U	U	U	U	0	0
45-49	0	0	0	0	0	0	0	0	0
50-54	0	0	0	0	0	0	1	_	
55-59	^	^	•	_	v	U	1	U	I
33-39	0	U	U	0	0	0	1	0	1
60-64	0	0	0	0	0	n	0	^	
65+	Δ	^	•	-		v	U	U .	U
UJT	. 0	U	0	0	0	0	0	0	0
ALL	0	0	0	0	0	0	2	0	2

AVERAGE ANNUAL EARNINGS

Years of Service

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	10-14	<u>15-19</u>	20-24	25-29	30+ ALL
<25	0	0	0	0	0	0	0	n
25-29	0	0	0	0	0	0	ő	0 0
30-34	0	0	0	0	0	٥	Λ	Λ Λ
35-39	0	0	0	Ö	ő	0	0	0 0
40-44	0	0	0	0	0	0	0	0 (4444-4 (4741) 0 (7
45-49	0	0	0	0	0	0	0	0 0
50-54	0	0	0	0	0	0	40,266	0 40,266
55-59	0	0	0	0	0	0	39,537	0 39,537
60-64	0	0	0	0	0	0	0	Λ Λ
65+	0	0	0	0	0	Ö	. 0	0 0
ALL	0	0	0	0	0	0	39,902	0 39,901

PRIOR FISCAL YEAR EARNINGS (IN DOLLARS) BY YEARS OF SERVICE

								COLLEGE	
<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	<u>10-14</u>	15-19	20-24	25-29	30+	AI.I.
All	0	0	0	0	o	0	79,804	<u> </u>	79.802

SERVICE RETIREMENTS AS OF JUNE 30, 1996

VF.A	RS	RE	rip	ED

Age	<u><1</u>	1-4	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	25+	ALL
<50	0	0	0	0	0	0		
50-54	0	0	1	0	0	Ö	0	o sisja i de v ijt. Osisidadi o I ast
55-59	0	1	5	0	0	0	0	
60-64	0	1	1	3	0	Ö	0	6 5
65-69	0	1	0	0	5	0	n	6
70-74	0	0	0	0	0	Õ	0	0
75-79	0	0	0	1	1	0	٥	
80-84	0	0	0	0	1	2	່ຳ	
85+	0	0	0	0	ō	0	2	2
ALL	0	3 .	7	4	7	2	4	27

AVERAGE ANNUAL BENEFIT

YEARS RETIRED

Age	<u><1</u>	1-4	<u>5-9</u>	10-14	<u>15-19</u>	20-24	25+	ALL
<50	0	0	0	0	0	0		·
50-54	0	0	20,163	0	0	Õ	ŏ	20,163
55-59	0	23,490	20,163	0	0	0	0	20,718
60-64	0	29,494	20,204	20,230	0	0	0	22,078
65-69	0	28,628	0	0	20,163	0	0	21,574
70-74	0	0	0	0	0	0	Õ	0
75-79	0	0	0	20,567	20,567	0	0	20,567
80-84	0	0	0	0	20,526	9,125	20,204	15,837
85+	0	0	0	0	0	0	19,394	19,394
ALL	0	27,204	20,169	20,314	20,273	9,125	19,799	20,126

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS RETIRED

_								
<u>Age</u>	- 1							
AVE	< I	1_/1	5 (1)	10 14	16 10	20-24		
	7.1	1-4	. 1-7	10-14	13-14	311.23A	7161	4 T T
				10 11	1,1-1,7	4U-4	2.17	The second of th
5 and 4 and 55	and the first of the second control of the second	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5						
	and the second of the second o	and the second s	the state of the s	「祝信」という。 さんか ちゅうがんじんしょ	and the second second as the			The state of the s
4 11			the second second second second			gagarjan III. waxaa ka saansaa		Contracted and religion of the contracted and the c
411	3. N. S.	81,612	. I A 10 10 70 70 7	01000		The second of the second control of the seco		NAME & DOCUMENT OF STATE OF ST
- A.II.	U	01.012	141 131	X 1 / 15		9.1799. I V.TEN .900	70 104	
			7 1 14 1000		141.711	· · · · · · · · · · · · · · · · · · ·	- Union	**************************************
				· · · · · · · · · · · · · · · · · · ·		**************************************		543,402
					the state of the s	化化铁铁矿 化二氯化 医二甲甲基二甲基甲基二甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲		A MANAGE MICHAEL TO BE TO BE THE STATE OF TH

SURVIVORS AS OF JUNE 30, 1996

YEARS SINCE DEATH

Ane '	<u>~1</u>	1-4	5-9	10.14	16.10	20.04	05:	
Age	71	1-4	<u>3-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	<u>25+</u>	<u>ALL</u>
<50	0	0	0	0	0	0	0	0
50-54	0	1	0	0	0	0	0	1
55-59	0	0	0	1	0	0	0	1
60-64	0	0	0	2	1	0	0	3
65-69	0	0	0	0	0	0	0	0
70-74	0	0	0	0	0	0	0	0
75-79	0	0	0	0	0	1	0	
80-84	0	0	1	1	0	0	2	4
85+	0	0	0	0	0	1	4	5
ALL	0	1	1	4	1	2	6	15

AVERAGE ANNUAL BENEFIT

YEARS SINCE DEATH

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	10-14	15-19	<u>20-24</u>	25+	ALL
<50	0	0	0	0	0	0	0	O
50-54	0	24,141	0	0	0	0	0	24,141
55-59	0	0	0	12,098	0	0	0	12,098
60-64	0	0	0	12,098	12,122	0	0	12,106
65-69	0	0	0	0	0	0	0	0
70-74	0	0	0	0	0	0	Ö	Ŏ
75-79	0	0	0	0	0	12,316	0	12,316
80-84	0	0	12,098	12,098	0	0	12,110	12,104
85+	0	0	0	0	0	12,098	9,099	9,699
ALL	0	24,141	12,098	12,098	12,122	12,207	10,103	12,119

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS SINCE DEATH

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	25+	ALL
All		0 24,141	12,098	48,392	12,122	24,414	60,618	181,785

DISABILITY RETIREMENTS AS OF JUNE 30, 1996

YEARS DISABLED

<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	<u>20-24</u>	<u>25+</u>	ALL
<50	0	0	0	0	0	0	0	0
50-54	1	0	0	0	0	0	0	i
55-59	0	0	0	0	0	0	0	0
60-64	0	0	0	0	0	0	0	0
65-69	0	0	0	0	0	0	0	0
70-74	0	0	0	0	0	0	0	0
75-79	0	0	0	0	0	0	0	0
80-84	0	0	0	0	0	0	Ō	0
85+	0	0	0	0	0	0	0	0
ALL	1	0	<u>.</u> 0	0	0	0	0.7	1

AVERAGE ANNUAL BENEFIT

YEARS DISABLED

Age	<u><1</u>	1-4	<u>5-9</u>	10-14	<u>15-19</u>	20-24	25+	ALL
<50	0	0	0	0	0	0	0	0
50-54	25,383	0	0	0	0	0	0	25,383
55-59	0	0	0	0	0	0	0	0
60-64	0	0	0	0	0	0	0	0
65-69	0	0	0	0	0	0	0	0
70-74	0	0	0	0	0	0	0	. 0
75-79	0	0	0	0	0	0	0	0
80-84	0	0	0	0	0	0	0	0
85+	0	0	0	0	0	0	0	0
ALL	25,383	0	0	0	0	0	0	25,383

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS DISABLED

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	10-14	<u>15-19</u>	20-24	25+	ALL
Ail	25,383	0	0		and the second of the con-		Service of the Service of the Control of the Contro	25,383

Reconciliation Of Members

			Termin	nated
		Actives	Deferred Retirement	Other Non-Vested
A.	ON JUNE 30, 1995	3	0	0
B.	ADDITIONS	0	0	0
C.	DELETIONS 1. Service Retirement 2. Disability 3. Death-Survivor 4. Death-Other 5. Terminated - Deferred 6. Terminated - Refund 7. Terminated - Other Non-Vested 8. Returned as Active	0 (1) 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0
D.	DATA ADJUSTMENTS	0	0	0
	Vested Non-Vested	2 0		
E.	TOTAL ON JUNE 30, 1996	2	0	0
		Retirement Annuitants	Recipients Disabled	Survivors
A.	ON JUNE 30, 1995	30	0	13
В.	ADDITIONS	0	1	2
C.	DELETIONS 1. Service Retirement 2. Death 3. Annuity Expired 4. Returned as Active	0 (3) 0 0	0 0 0 0	0 0 0 0
D.	DATA ADJUSTMENTS	0	0	0
E.	TOTAL ON JUNE 30, 1996	27	1	15

Actuarial Balance Sheet

(actual dollars)

A.	CURRENT ASSETS (0.98% of Table 1, F6)		\$7,419,861
В.	EXPECTED FUTURE ASSETS		·
	 Present Value of Employee Contributions Present Value of Regular Municipal Contributions Present Value of Additional Municipal Contributions Total Expected Future Assets 		\$37,882 56,823 1,136,373 \$1,231,078
C.	TOTAL CURRENT AND EXPECTED FUTURE ASSETS		\$8,650,939
D.	CURRENT PENSION BENEFIT OBLIGATIONS		
	Retirees and Beneficiaries Currently Receiving Benefits and Terminated Employees Not Yet Receiving Benefits		\$8,039,994
	2. Current Employees		
	 a. Accumulated Employee Contributions Including Allocated Investment Income* b. Employer-Financed Vested c. Employer-Financed Nonvested 	\$113,332 382,042 0	
	d. Total	V	\$495,374
	3. Total Pension Benefit Obligation		\$8,535,368
E.	EXPECTED FUTURE PENSION BENEFIT OBLIGATION		\$115,571
F.	TOTAL CURRENT AND EXPECTED FUTURE PENSION BENEFIT OBLIGATION		\$8,650,939
G.	CURRENT UNFUNDED ACTUARIAL LIABILITY (D3-A)		\$1,115,507
H.	CURRENT AND FUTURE UNFUNDED ACTUARIAL LIABII	LITY (F-C)	\$0
*Es	stimated		

Entry Age Normal Cost Calculations

(actual dollars)

		Number of Participants	Present Value of Projected Benefits	Actuarial Accrued Liabilities
A.	DETERMINATION OF ACTUARIAL ACCRUED LIABILITY (AAL)			
	1. Active Members			
	a. Elected PERA Police and Fire	2	\$610,945	\$524,025
	b. No Election (Greater Value)	0	0	0
	c. Total	2	\$610,945	\$524,025
	2. Former Members			
	a. Elected PERA Police and Fire	0	0	\$0
	b. No Election (Greater Value)	0	0	0
	c. Total	0	\$0	\$0
	3. Benefit Recipients			
	a. Elected PERA Police and Fire*	41	\$7,791,684	\$7,791,684
	b. Elected Relief Association	2	248,310	248,310
	c. Total	43	\$8,039,994	\$8,039,994
	4. Total	•		
	a. Elected PERA Police and Fire*	43	\$8,402,629	\$8,315,709
	b. Elected Relief Association	2	248,310	248,310
	c. No Election (Greater Value)	0	0	0
	d. Total	45	\$8,650,939	\$8,564,019
В.	DETERMINATION OF UNFUNDED A	ACTUARIAL ACC	RUED LIABILITY	(UAAL)
	1. AAL (A4)			\$8,564,019
	2. Current Assets (0.98% of Table 1,F6))		7,419,861
	3. UAAL (B1-B2)			\$1,144,158
C.	NORMAL COST			\$14,986

Net Actuarial Loss (Gain) (actual dollars)

A.	ACTUARIAL PRESENT VALUE OF PROJECTED BENEFITS (Table 9-090) 1. Elected PERA Police and Fire 2. Elected Relief Association 3. No Election (Greater Value) 4. Total	\$8,402,629 248,310 0 \$8,650,939
B.	PRESENT VALUE OF FUTURE EMPLOYEE CONTRIBUTIONS	
	1. Elected PERA Police and Fire	\$37,882
	2. No Election (Greater Value)	\$0
	3. Total	\$37,882
C	PRESENT VALUE OF FUTURE REGULAR MUNICIPAL CONTRIBUTIONS	
C.	1. Elected PERA Police and Fire	\$5C 000
	2. No Election (Greater Value)	\$56,823
	3. Total	\$0 \$56,823
		\$30,623
D.	CURRENT VALUE OF TOTAL ASSETS (0.98% of Table 1, F6)	\$7,419,861
E.	PRESENT VALUE OF FUTURE ADDITIONAL MUNICIPAL CONTRIBUTION	NS
	1. Initial contribution - Amortized Through December 31, 2010	\$6,195,229
	2. 15 year amortization of prior years' loss (gain)	(4,479,423)
	(Table 11, B.2.b + B.2.c + B.2.d + B.2.e+B.2.f + B.2.g + B.2.h)	
	3. Total	\$1,715,806
-	LOGG (GADD CAD DE DE	
F.	LOSS (GAIN) [A-B-C-D-E]	<u>(\$579,433)</u>
G.	ANALYSIS OF LOSS (GAIN)	
	1. MPRIF Mortality	(\$514,445)
	2. PERA Benefit Election	o´
	3. Additional Contributions Made	(281,654)
	4. Other	216,666
	5. Total	(\$579,433)
H.	15 YEAR AMORTIZATION OF LOSS (GAIN)	(66,987)

Determination of Statutory Contributions

(actual dollars)

JULY 1, 1996

				Percent of Payroll	Dollar Amount
A.	EMPLOYE	E CONTRIBUTIONS		7.60%	\$6,065 *
В.		R CONTRIBUTIONS ustment For State Aid)			
	1. Regular i	nunicipal contribution		11.40%	\$9,098 *
	2. Addition	al municipal contribution			
		Date	Current	Last	Payment
		Established	Balance	Payment	Amount**
	a.	Initial	\$6,195,229	12/31/2010	\$716,214
	b.	07/01/88	\$0	12/31/2002	\$0
	c.	07/01/89	\$0	12/31/2003	\$0
	đ.	07/01/90	\$0	12/31/2004	\$0
	e.	07/01/91	(\$3,986,992)	12/31/2005	(\$583,361)
	f.	07/01/92	\$214,681	12/31/2006	\$29,574
	g.	07/01/93	\$36,416	12/31/2007	\$4,760
	ĥ.	07/01/94	(\$950,483)	12/31/2008	(\$118,645)
	i.	07/01/95	\$206,954	12/31/2009	\$24,804
	j.	07/01/96	(\$579,433)	12/31/2010	(\$66,987)
	k.	Total	\$1,136,373		\$6,359

C. ESTIMATED TOTAL STATUTORY CONTRIBUTION

\$21,522

^{*} Estimated based on prior years' payroll

^{**} Contribution is assumed to be paid on December 31, 1996

ACTIVE MEMBERS AS OF JUNE 30, 1996

Tears of Service	ears of Se	rvice
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<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	10-14	15-19	20-24	25-29	30+ ALL
<25	0	0	0	0	0	0		
25-29	0	0	0	0	0	0	0	0
30-34	0	0	0	0	0	0	0	0 0
35-39	0	0	0	0	0	0	0	0
40-44	0	0	0	0	0	0	0	0 0
45-49	0	0	0	0	0	0	0	0
50-54	0	0	0	0	0	0	0	2 2
55-59	0	0	0	0	0	0	0	1 1
60-64	0	0	0	0	0	0	0	1 1
65+	0	0	0	0	0	0	Ō	0 0
ALL	0	0	0	0	0	0	0	4

AVERAGE ANNUAL EARNINGS

Years of Service

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u> <u>1</u>	0-14	<u>15-19</u>	<u>20-24</u>	<u>25-29</u>	<u>30+</u>	ALL
<25	0	0	0	0	0	0	0	0	0
25-29	0	0	0	0	0	0	0	0	0
30-34	0	0	0	0	0	0	0	0	0
35-39	0	0	0	0	0	0	0	0	0
40-44	0	0	0	0	0	0	0	0	0
45-49	0	0	0	0	0	0	0	0	0
50-54	0	0	0	0	0	0	0	49,472	49,472
55-59	0	0	0	0	0	0	0	45,015	45,015
60-64	0	0	0	0	0	0	0	56,733	56,733
65+	0	0	0	0	0	0	0	0	0
ALL	0	0 1	0	0	0	0	0	50,173	50,173

PRIOR FISCAL YEAR EARNINGS (IN DOLLARS) BY YEARS OF SERVICE

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	25-29	<u>30+</u>	ALL
All	0	0	0	0	0	0	0	200,692	200,692

SERVICE RETIREMENTS AS OF JUNE 30, 1996

YEARS RETIRED

<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	10-14	<u>15-19</u>	20-24	<u>25+</u> A	LL
<50	0	0	0	0	0	0	0 3.4 (4)	0
50-54	1	i	1	0	0	0	0	3
55-59	0	0	3	0	0	0	0	3
60-64	0	0	0	0	0	0	0	0
65-69	0	1	0	0	1	0	0	2
70-74	0	0	0	0	0	0	0	0
75- 79	0	0	0	0	0	0	0	0
80-84	0	0	0	0	0	0	0	0
85+	0	0	0	0	0	0	0	0
ALL	1.	2	4	0	1	0	0	8

AVERAGE ANNUAL BENEFIT

YEARS RETIRED

<u>Age</u>	<u>≤1</u>	1-4	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	<u>20-24</u>	<u>25+</u>	ALL
<50	0	0	0	0	0	0	0	0
50-54	16,637	18,171	15,606	0	0	0	0	16,805
55-59	0	0	16,508	0	0	0	0	16,508
60-64	0	0	0	0	0	0	0	0
65-69	0	19,123	0	0	14,544	0	0	16,834
70-74	0	0	0	0	0	0	0	0
75-79	0	0	0	0	0	0	0	0
80-84	0	0	0	0	0	0	0	0
85+	0	0	0	0	0	0	0	0
ALL	16,637	18,647	16,283	0	14,544	0	0	16,701

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS RETIRED

				<u> </u>				
<u>Age</u>	<u><1</u>	<u>1-4</u>	5-9	10-14	15-19	20-24	25+	ALL
All	16,637	37,294	65,132	0		0		133.608

SURVIVORS AS OF JUNE 30, 1996

YEARS SINCE DEATH

<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	<u>20-24</u>	<u>25+</u>	ALL
<50	0	0	0	0	0	0	0	0
50-54	0	0	0	0	0	0	0	0
55-59	0	0	0	0	0	0	0	0
60-64	0	0	0	0	0	0	0	0
65-69	0	0	0	1	1	0	0	2
70-74	0	0	0	0	0	0	0	0
75-79	0	0	0	0	0	0	0	0
80-84	0	0	0	0	0	0	0	0
85+	0	0	0	0	0	0	0	0
ALL	0	0	0	1	1	0	0	2

AVERAGE ANNUAL BENEFIT

YEARS SINCE DEATH

<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	<u>20-24</u>	<u>25+</u>	ALL
<50	0	0	0	0	0	0	0	0
50-54	0	0	0	0	0	0	0	0
55-59	0	0	0	0	0	0	0	0
60-64	0	0	0	0	0	0	0	0
65-69	0	0	0	14,544	14,544	0	0	14,544
70-74	0	0	0	0	0	0	0	0
75-79	0	0	0	0	0	0	0	0
80-84	0	0	0	0	0	0	0	0
85+	0	0	0	0	0	0	0	0
ALL	0	0	0	14,544	14,544	0	0	14,544

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS SINCE DEATH

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	10-14	<u>15-19</u>	20-24	25+	ALL
All		0	0	14,544	14,544	0		29,088

DISABILITY RETIREMENTS AS OF JUNE 30, 1996

YEARS DISABLED

Age	<u>≤1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	<u>25+</u>	<u>ALL</u>
<50	0	0	0	0	0	0	0	0
50-54	0	0	0	0	0	0	0	0
55-59	0	0	0	0	0	0	0	0
60-64	0	0	0	0	0	0	0	0
65-69	0	0	0	0	0	0	0	0
70-74	0	0	0	0	0	0	0	0
75-79	0	0	0	0	0	0	0	0
80-84	0	0	0	0	0	0	0	0
85+	0	0	. 0	0	0	0	0	0
ALL	0	0	0	0	0	0	0	0

AVERAGE ANNUAL BENEFIT

YEARS DISABLED

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	10-14	<u>15-19</u>	20-24	<u>25+</u>	ALL
<50	0	0	0	0	0	0	0	0
50-54	0	0	0	0	0	0	0	0
55-59	0	0	0	0	0	0	0	0
60-64	0	0	0	0	0	0	0	0
65-69	0	0	0	0	0	0	0	0
70-74	0	0	0	0	0	0	0	0
75-79	0	0	0	0	0	0	0	0
80-84	0	0	0	0	0	0	0	0
85+	0	0	0	0	0	0	0	- U
ALL	0	0	0	0	N 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0	0	0

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS DISABLED

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	10-14	<u>15-19</u>	20-24	25+	ALL
All	0	0	0	0	0	0	0	0

New Ulm Police Consolidation Account

Reconciliation Of Members

			Termir	nated
		Actives	Deferred Retirement	Other Non-Vested
A.	ON JUNE 30, 1995	4	1	0
B.	ADDITIONS	0	0	0
C.	Vested	0 0 0 0 0 0 0 0	(1) 0 0 0 0 0 0	0 0 0 0 0 0 0
E.	Non-Vested TOTAL ON JUNE 30, 1996	0	0	0
		Retirement Annuitants	Recipients Disabled	Survivors
A.	ON JUNE 30, 1995	7	0	2
В.	ADDITIONS	1	0	0
C.	DELETIONS 1. Service Retirement 2. Death 3. Annuity Expired 4. Returned as Active	0 0 0 0	0 0 0 0	0 0 0 0
D.	DATA ADJUSTMENTS	0	0	0
E.	TOTAL ON JUNE 30, 1996	8	0	2

New Ulm Police Consolidation Account

Actuarial Balance Sheet

(actual dollars)

A.	CURRENT ASSETS (0.64% of Table 1, F6)		\$4,860,868
B.	EXPECTED FUTURE ASSETS		
	 Present Value of Employee Contributions Present Value of Regular Municipal Contributions Present Value of Additional Municipal Contributions Total Expected Future Assets 		\$58,308 87,462 (810,394) (\$664,624)
C.	TOTAL CURRENT AND EXPECTED FUTURE ASSETS		\$4,196,244
D.	CURRENT PENSION BENEFIT OBLIGATIONS		
	Retirees and Beneficiaries Currently Receiving Benefits and Terminated Employees Not Yet Receiving Benefits		\$2,407,545
	2. Current Employees		
	 a. Accumulated Employee Contributions Including Allocated Investment Income* b. Employer-Financed Vested c. Employer-Financed Nonvested d. Total 	\$203,147 1,394,712 0	\$1,597,859
	3. Total Pension Benefit Obligation		\$4,005,404
E.	EXPECTED FUTURE PENSION BENEFIT OBLIGATION		\$190,840
F.	TOTAL CURRENT AND EXPECTED FUTURE PENSION BENEFIT OBLIGATION		\$4,196,244
G.	CURRENT UNFUNDED ACTUARIAL LIABILITY (D3-A)		(\$855,464)
H.	CURRENT AND FUTURE UNFUNDED ACTUARIAL LIABIT	LITY (F-C)	\$0
*Es	timated		

New Ulm Police Consolidation Account

Entry Age Normal Cost Calculations

(actual dollars)

JULY 1, 1996

		Number of Participants	Present Value of Projected Benefits	Actuarial Accrued Liabilities
A.	DETERMINATION OF ACTUARIAL ACCRUED LIABILITY (AAL)			
	1. Active Members			
	a. Elected PERA Police and Fire	4	\$1,788,699	\$1,653,118
	b. No Election (Greater Value)	0	0	0
	c. Total	4	\$1,788,699	\$1,653,118
	2. Former Members			
	a. Elected PERA Police and Fire	0	0	\$0
	b. No Election (Greater Value)	0	0	0
	c. Total	0	\$0	\$0
	3. Benefit Recipients			
	a. Elected PERA Police and Fire*	9	\$1,991,066	\$1,991,066
	b. Elected Relief Association	1	416,479	416,479
	c. Total	10	\$2,407,545	\$2,407,545
	4. Total			
	a. Elected PERA Police and Fire*	13	\$3,779,765	\$3,644,184
	b. Elected Relief Association	1	416,479	416,479
	c. No Election (Greater Value)	0	0	0
	d. Total	14	\$4,196,244	\$4,060,663
B.	DETERMINATION OF UNFUNDED A	ACTUARIAL ACC	RUED LIABILITY	(UAAL)
	1. AAL (A4)			\$4,060,663
	2. Current Assets (0.64% of Table 1,F6))		4,860,868
	3. UAAL (B1-B2)			(\$800,205)
C.	NORMAL COST			\$37,668

* Includes MPRIF Reserves of \$1,991,066

New Ulm Police Consolidation Account

Net Actuarial Loss (Gain) (actual dollars)

A.	ACTUARIAL PRESENT VALUE OF PROJECTED BENEFITS (Table 9-173) 1. Elected PERA Police and Fire 2. Elected Relief Association 3. No Election (Greater Value) 4. Total	\$3,779,765 416,479 0 \$4,196,244
В.	PRESENT VALUE OF FUTURE EMPLOYEE CONTRIBUTIONS 1. Elected PERA Police and Fire	\$59.200
	2. No Election (Greater Value)	\$58,308 \$0
	3. Total	\$58,308
C.	PRESENT VALUE OF FUTURE REGULAR MUNICIPAL CONTRIBUTIONS	
	1. Elected PERA Police and Fire	\$87,462
	2. No Election (Greater Value)	\$0
	3. Total	\$87,462
D.	CURRENT VALUE OF TOTAL ASSETS (0.64% of Table 1, F6)	\$4,860,868
E.	PRESENT VALUE OF FUTURE ADDITIONAL MUNICIPAL CONTRIBUTIO	NS
	1. Initial contribution - Amortized Through December 31, 2010	\$641,205
	2. 15 year amortization of prior years' loss (gain)	(1,680,332)
	(Table 11, B.2.b + B.2.c + B.2.d + B.2.e+B.2.f + B.2.g + B.2.h) 3. Total	
	5. Total	(\$1,039,127)
F.	LOSS (GAIN) [A-B-C-D-E]	\$228,733
G.	ANALYSIS OF LOSS (GAIN)	
	1. MPRIF Mortality	\$12,765
	2. PERA Benefit Election	0
	3. Additional Contributions Made	(130,985)
	4. Other	346,953
	5. Total	\$228,733
H.	15 YEAR AMORTIZATION OF LOSS (GAIN)	26,443

New Ulm Police Consolidation Account

Determination of Statutory Contributions

(actual dollars)

JULY 1, 1996

		Percent of Payroll	Dollar Amount
A.	EMPLOYEE CONTRIBUTIONS	7.60%	\$15,253 *
В.	EMPLOYER CONTRIBUTIONS (Before Adjustment For State Aid)		
	1. Regular municipal contribution	11.40%	\$22,879 *

2. Additional municipal contribution

	Date	Current	Last	Payment
	Established	Balance	Payment	Amount**
a.	Initial	\$641,205	12/31/2010	\$74,128
b.	07/01/88	\$0	12/31/2002	\$0
c.	07/01/89	\$0	12/31/2003	\$0
d.	07/01/90	\$0	12/31/2004	\$0
e.	07/01/91	\$0	12/31/2005	\$0
f.	07/01/92	\$0	12/31/2006	\$0
g.	07/01/93	\$0	12/31/2007	\$0
h.	07/01/94	(\$1,123,757)	12/31/2008	(\$140,274)
i.	07/01/95	(\$556,575)	12/31/2009	(\$66,707)
j.	07/01/96	\$228,733	12/31/2010	\$26,443
k.	Total	(\$810,394)		(\$106,410)

C. ESTIMATED TOTAL STATUTORY CONTRIBUTION

(\$68,278)

^{*} Estimated based on prior years' payroll

^{**} Contribution is assumed to be paid on December 31, 1996

ACTIVE MEMBERS AS OF JUNE 30, 1996

37		•	
Years	OT.	Se	rvice

Age	<u><1</u>	1-4	<u>5-9</u>	10-14	15-19	20-24	<u>25-29</u>	30+ ALL	
<25	0	0	0	0	0	0	0	0	0
25-29	0	0	0	0	0	0	0	0	0
30-34	0	0	0	0	0	0	0	0	0
35-39	0	0	0	0	0	0	0	0	0
40-44	0	0	0	0	0	0	0	0	0
45-49	0	0	0	0	0	0	0	0	0
50-54	0	0	0	0	0	3	0	0	3
55-59	0	0	0	0	0	1	0	0	1
60-64	0	0	0	0	0	0	0	0	0
65+	0	0	0	0	.0	0	0	0	0
ALL	0	0	0	0	0	4	0	0	4

AVERAGE ANNUAL EARNINGS

Years of Service

	Tais of bet vice								
<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	<u>20-24</u>	25-29	<u>30+</u>	<u>ALL</u>
<25	0	0	0	0	0	0	0	0	. 0
25-29	0	0	0	0	0	0	0	0	0
30-34	0	0	0	0	0	0	0	0	0
35-39	0	0	0	0	0	0	0	0	0
40-44	0	0	0	0	0	0	0	0	0
45-49	0	0	0	0	0	0	0	0	0
50-54	0	0	0	0	0	43,396	0	0	43,396
55-59	0	0	0	0	0	44,588	0	0	44,588
60-64	0	0	0	0	0	0	0	0	0
65+	0	0	0	0	0	0	0	0	, O
ALL	0	0	0	0	0	43,694	0	0	43,694

PRIOR FISCAL YEAR EARNINGS (IN DOLLARS) BY YEARS OF SERVICE

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	10-14	15-19	20-24	25-29	30+	ALL
All	0	0	0	0 .	U	174,776	0	0	174,776

SERVICE RETIREMENTS AS OF JUNE 30, 1996

VFA	DC	RETIRED
Y P.A	. K.S	KM. I I KK.I)

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	10-14	<u>15-19</u>	20-24	25+	ALL
<50	0	0	0	0	0	0	0	n
50-54	0	0	0	0	0	0	0	0
55-59	0	3	1	0	0	0	٥	
60-64	1	3	4	0	0	0	0	8
65-69	O	n	1	2	0	0	0	
70-74	ő	0	0	0	1	1	0	3
		•	•	-		•	U	2
75-79	U	Ü	0	0	1	0	0	1
80-84	0	0	0	0	0	0	0	0
85+	0	0	0	0	0	0	0	Ŏ
ALL	•	6	6	2	2			18

AVERAGE ANNUAL BENEFIT

YEARS RETIRED

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	10-14	<u>15-19</u>	20-24	<u>25+</u>	ALL
<50	0	0	0	0	0	0	0	0
50-54	0	0	0	0	0	0	0	ŏ
55-59	0	19,597	9,377	0	0	0	0	17,042
60-64	37,447	20,773	21,506	0	0	0	0	23,224
65-69	0	0	15,408	16,851	0	0	0	16,370
70-74	0	0	0	0	13,941	12,765	0	13,353
75-79	0	0	0	0	16,223	0	0	16,223
80-84	0	0	0	0	0	Ō	Õ	0
85+		0	0	0	0	0	0	Ŏ
ALL	37,447	20,185	18,468	16,851	15,082	12,765	0	19,222

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS RETIRED

	_					,		
<u>Age</u>	<u><1</u>	1-4	5-9	10-14	15-19	20-24	25+	ALL
All	37,447	121,110	110,808	33,702	30,164	12,765	0	345,996

SURVIVORS AS OF JUNE 30, 1996

YEARS SINCE DEATH

<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	<u>10-14</u>	15-19	20-24	25+ ALL
<50	0	0	0	0	1	0	0 1
50-54	0	0	0	0	0	0	0
55-59	0	0	0	0	0	0	
60-64	0	0	0	1	ő	0	0
65-69	0	0	0	0	0	1	0 4 1
70-74	0	0	0	1	0	0	ŏ i
75- 79	0	0	0	0	0	0	0 0
80-84	0	0	0	0	0	0	0 0
85+	0	0	0	0	0	0	1
ALL	0	0	0	· 2	1	1	1 5

AVERAGE ANNUAL BENEFIT

YEARS SINCE DEATH

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	<u>25+</u>	ALL
<50	0	0	0	0	2,614	0	0	2,614
50-54	0	0	0	0	0	0	Ō	_,`_o
55-59	0	0	0	0	0	0	0	0
60-64	0	0	0	8,872	0	0	Ö	8,872
65-69	0	0	0	0	0	10,839	0	10,839
70-74	0	0	0	8,815	0	0	0	8,815
75-79	0	0	0	0	0	0	0	
80-84	0	0	0	0	0	0	0	Ŏ
85+	0	0	0	0	0	0	5,618	5,618
ALL	0	0	0	8,844	2,614	10,839	5,618	7,352

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS SINCE DEATH

Age	<1	1-4	5-9	10-14	15-19	20-24	25+	Services AT To Substitute
All	0		0	17,688	2,614	10,839	5,618	36,760

DISABILITY RETIREMENTS AS OF JUNE 30, 1996

YEA	RS	D	ISA	RI	.ED
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<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	25+	ALL
<50	0	0	0	0	0	0		0
50-54	0	0	0	0	0	Ŏ	Ö	0
55-59	0	0	0	0	0	0	0	n
60-64	0	0	0	0	0	0	Ö	0
65-69	0	0	0	0	0	0	0	0
70-74	0	0	0	0	0	0	Ō	0
75-79	0	0	0	0	0	0	0	23.000 (20.00 m) 27.000 (20.00 m)
80-84	0	0	0	0	0	0	0	Ŏ
85+	0	0	0	0	0	0	0	Ŏ
ALL	0	0	0	0	0	0	0	0

AVERAGE ANNUAL BENEFIT

YEARS DISABLED

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	25+	<u>ALL</u>
<50	0	0	0	0	0	0	0	0
50-54	0	0	0	0	0	0	0	0
55-59	0	0	0	0	0	0	0	0
60-64	0	0	0	0	0	0	0	0
65-69	0	0	0	0	0	0	o 145	n
70-74	0	0	0	0	0	0	0 44	Ö
75-79	0	0	0	0	0	0		0
80-84	0	0	0	0	0	0	0	O.
85+	0	0	0	0	0	0	0	0
ALL	0	0	0	0	0	0	0	0

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS DISABLED

<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	10-14	15-19	20-24	25+ ALL	_
All	Λ	0	0	0	0	0		

Reconciliation Of Members

			Termin	erminated	
			Deferred	Other	
		Actives	Retirement	Non-Vested	
A.	ON JUNE 30, 1995	5	0	0	
В.	ADDITIONS	0	0	0	
C.	DELETIONS				
	1. Service Retirement	(1)	0	0	
	2. Disability	0	0	0	
	3. Death-Survivor	0	0	0	
	4. Death-Other	0	0	0	
	5. Terminated - Deferred	0	0	0	
	6. Terminated - Refund	0	0	0	
	7. Terminated - Other Non-Vested	0	0	0	
	8. Returned as Active	0	0	0	
D.	DATA ADJUSTMENTS	0	0	0	
	Vested	4			
	Non-Vested	0			
E.	TOTAL ON JUNE 30, 1996	4	0	0	
			Recipients		
		Retirement			
		Annuitants	Disabled	Survivors	
A.	ON JUNE 30, 1995	18	0	4	
B.	ADDITIONS	1	0	1	
C.	DELETIONS				
	Service Retirement	0	0	0	
	2. Death	(1)	0	ŏ	
	3. Annuity Expired	0	0	0	
	4. Returned as Active	o	0	ő	
D.	DATA ADJUSTMENTS	0	0	0	
E.	TOTAL ON JUNE 30, 1996	18	0	5	

Actuarial Balance Sheet

(actual dollars)

A.	CURRENT ASSETS (0.89% of Table 1, F6)		\$6,702,369
В.	EXPECTED FUTURE ASSETS		
	 Present Value of Employee Contributions Present Value of Regular Municipal Contributions Present Value of Additional Municipal Contributions Total Expected Future Assets 		\$77,187 115,781 (367,810) (\$174,842)
C.	TOTAL CURRENT AND EXPECTED FUTURE ASSETS		\$6,527,527
D.	CURRENT PENSION BENEFIT OBLIGATIONS		
	Retirees and Beneficiaries Currently Receiving Benefits and Terminated Employees Not Yet Receiving Benefits		\$5,262,740
	2. Current Employees		
	 a. Accumulated Employee Contributions Including Allocated Investment Income* b. Employer-Financed Vested c. Employer-Financed Nonvested d. Total 	\$189,070 825,253 0	\$1,014,323
	3. Total Pension Benefit Obligation		\$6,277,063
E.	EXPECTED FUTURE PENSION BENEFIT OBLIGATION		\$250,464
F.	TOTAL CURRENT AND EXPECTED FUTURE PENSION BENEFIT OBLIGATION		\$6,527,527
G.	CURRENT UNFUNDED ACTUARIAL LIABILITY (D3-A)		(\$425,306)
H.	CURRENT AND FUTURE UNFUNDED ACTUARIAL LIABILI	ITY (F-C)	\$0
*Es	stimated		

Entry Age Normal Cost Calculations (actual dollars)

•		Number of Participants	Present Value of Projected Benefits	Actuarial Accrued Liabilities
A.	DETERMINATION OF ACTUARIAL ACCRUED LIABILITY (AAL)			
	1. Active Members			
	a. Elected PERA Police and Fire	4	\$1,264,787	\$1,063,028
	b. No Election (Greater Value)	0	0	0
	c. Total	4	\$1,264,787	\$1,063,028
	2. Former Members			
	a. Elected PERA Police and Fire	0	0	\$0
	b. No Election (Greater Value)	0	0	0
	c. Total	0	\$0	\$0
	3. Benefit Recipients			
	a. Elected PERA Police and Fire*	10	\$2,910,356	\$2,910,356
	b. Elected Relief Association	13	2,352,384	2,352,384
	c. Total	23	\$5,262,740	\$5,262,740
	4. Total			
	a. Elected PERA Police and Fire*	14	\$4,175,143	\$3,973,384
	b. Elected Relief Association	13	2,352,384	2,352,384
	c. No Election (Greater Value)	0	0	0
	d. Total	27	\$6,527,527	\$6,325,768
B.	DETERMINATION OF UNFUNDED A	CTUARIAL ACCI	RUED LIABILITY	ПІААГ
				(OTAL)
	1. AAL (A4)			\$6,325,768
	2. Current Assets (0.89% of Table 1,F6)			6,702,369
	3. UAAL (B1-B2)			(\$376,601)
C.	NORMAL COST			\$37,323

^{*} Includes MPRIF Reserves of \$2,910,356

Net Actuarial Loss (Gain) (actual dollars)

A.	ACTUARIAL PRESENT VALUE OF PROJECTED BENEFITS (Table 9-081) 1. Elected PERA Police and Fire 2. Elected Relief Association 3. No Election (Greater Value) 4. Total	\$4,175,143 2,352,384 0 \$6,527,527
B.	PRESENT VALUE OF FUTURE EMPLOYEE CONTRIBUTIONS	
	1. Elected PERA Police and Fire	\$77,187
	2. No Election (Greater Value)	\$0
	3. Total	\$77,187
C.	PRESENT VALUE OF FUTURE REGULAR MUNICIPAL CONTRIBUTIONS	
	1. Elected PERA Police and Fire	\$115,781
	2. No Election (Greater Value)	\$0
	3. Total	\$115,781
D.	CURRENT VALUE OF TOTAL ASSETS (0.89% of Table 1, F6)	\$6,702,369
E.	PRESENT VALUE OF FUTURE ADDITIONAL MUNICIPAL CONTRIBUTION	JS
	1. Initial contribution - Amortized Through December 31, 2010	\$1,212,674
	2. 15 year amortization of prior years' loss (gain)	(1,178,737)
	(Table 11, B.2.b + B.2.c + B.2.d + B.2.e+B.2.f + B.2.g + B.2.h)	(-3)
	3. Total	\$33,937
F.	LOSS (GAIN) [A-B-C-D-E]	(\$401 747)
	=	<u>(\$401,747)</u>
G.	ANALYSIS OF LOSS (GAIN)	
	1. MPRIF Mortality	\$84,629
	2. PERA Benefit Election	0
	Additional Contributions Made Other	(27,728)
	5. Total	(458,648)
		(\$401,747)
H.	15 YEAR AMORTIZATION OF LOSS (GAIN)	(46,445)

Determination of Statutory Contributions

(actual dollars)

JULY 1, 1996

				Percent of Payroll	Dollar Amount
A.	EMPLOY	EE CONTRIBUTIONS		7.60%	\$13,283 *
В.		ER CONTRIBUTIONS ljustment For State Aid)			
	1. Regular	municipal contribution		11.40%	\$19,925 *
	2. Additio	nal municipal contribution			
		Date	Current	Last	Payment
		Established	Balance	Payment	Amount**
	a.	Initial	\$1,212,674	12/31/2010	\$140,194
	b.	07/01/88	\$0	12/31/2002	\$0
	c.	07/01/89	\$0	12/31/2003	\$0
	d.	07/01/90	(\$311,291)	12/31/2004	(\$48,839)
	e.	07/01/91	(\$368,346)	12/31/2005	(\$53,895)
	f.	07/01/92	(\$175,838)	12/31/2006	(\$24,223)
	g.	07/01/93	(\$218,949)	12/31/2007	(\$28,619)
	h.	07/01/94	\$31,396	12/31/2008	\$3,919
	i.	07/01/95	(\$135,708)	12/31/2009	(\$16,265)
	j.	07/01/96	(\$401,747)	12/31/2010	(\$46,445)
	k.	Total	(\$367,810)		(\$74,173)
C.	ESTIMATI	ED TOTAL STATUTORY C	ONTRIBUTION		(\$40,965)

^{*} Estimated based on prior years' payroll

^{**} Contribution is assumed to be paid on December 31, 1996

ACTIVE MEMBERS AS OF JUNE 30, 1996

Vears	of S	Service
1 6 6 1 3	UI L	ICI AICE

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	25-29	30+ <u>ALL</u>
<25	0	0	0	0	0	0	0	0 0
25-29	0	0	0	0	0	0	0	0 0
30-34	0	0	0	0	0	0	0	0 0
35-39	0	0	0	0	0	0	0	0
40-44	0	0	0	0	0	0	. 0	0 0
45-49	0	0	0	0	0	2	0	0 2
50-54	0	0	0	0	0	1	2	0 3
55-59	0	0	0	0	0	0	1	0 1
60-64	0	0	0	0	0	0	0	0 0
65+	0	0	0	0	0	0	0	0 0
ALL	0	Δ	0	0	0	3	3	0 6

AVERAGE ANNUAL EARNINGS

Years of Service

<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	<u>20-24</u>	25-29	30+ ALL
<25	0	0	0	0	0	0	0	0 0
25-29	0	0	0	0	0	0	0	0 0
30-34	0	0	0	0	0	0	0	0
35-39	0	0	0	0	0	0	0	Ŏ
40-44	0	0	0	0	0	0	0	0
45-49	0	0	0	0	0	49,048	Ő	0 49,048
50-54	0	0	0	0	0	48,637	50,110	0 49,619
55-59	0	0	0	0	0	0	57,292	0 57,292
60-64	0	0	0	0	0	0	0	0 0
65+	0	0	0	0	0	0	0	0 0
ALL	0	0	0	0	0	48,911	52,504	0 50,707

PRIOR FISCAL YEAR EARNINGS (IN DOLLARS) BY YEARS OF SERVICE

Λ ~~		1 /	50	10 14	16 10	^^ ^			A CONTRACTOR OF THE SECTION AND A SEC
ALEC	~ 1	I -4	7-7	10-14	17-14	70-74	75_70	3U-F	
	<u> </u>		<u> </u>	10 17	10-17	2V-74	4J*47	30 -	ALLE ALLE
and the second of the second	All the second and the second second	CONTROL OF STREET, STR							
	Market and the control of the Contro	ana malingan salah salah salah	to be recently or the teach		100 000 000 000 000 000 000 000 000 000	Karal Gerral (Gerral Gerral Gerral Gerral)	A Persent be been representation from a non-	Anna Carlotta Sancara (Contrar para)	and the fill of the state of th
A II	The state of the s	alle in the contract of the Artic			acona il il mensione il la colo		Direksiya waxay ayla ahan t	and while the 1	3.14.70.40 <u>2.32.32.32.32.00.00.00.00.00</u>
AU.		1996 - Haft 2001 - Hat 1996 1960 1			0.966,060,076,076,076,076,076	1/16/722	~ ~167.610 · · ·	Service of Chapteria, 45 🕡	304 242
		raa na saara waa saa waa ahaa waa ahaa ahaa ahaa ah	anda mariba ha 🗸 🖰		assessment in a Use	140.731	137.312	2 - 4 - 4 - 4 - 5 - 5 - 5 - 5 - 5 - 5 - 5	304,242

SERVICE RETIREMENTS AS OF JUNE 30, 1996

<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	10-14	<u>15-19</u>	20-24	25+	ALL
<50	0	0	0	0	0	0		
50-54	0	0	2	1	1	0	0	- 35 (
55-59	0	0	0	1	0	0	0	i daga sakatan Tanggaran
60-64	0	0	2	2	0	0	ő	4
65-69	0	0	0	0	1	0	0	1
70-74	0	0	0	0	1	1	1	The second of the Research
75-79	0	0	0	0	0	0	0	0
80-84	0	0	0	0	0	0	2	2
85+	0	0	0	0	0	0	ō	ō
ALL	0	0	4	4	3	1	3	15

AVERAGE ANNUAL BENEFIT

YEARS RETIRED

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	10-14	<u>15-19</u>	20-24	<u>25+</u>	ALL
<50	0	0	0	0	0	0		
50-54	0	0	21,028	17,295	18,230	0	0	19,395
55-59	0	0	0	18,285	0	0	0	18,285
60-64	0	0	20,649	23,165	0	0	0	21,907
65-69	0	0	0	0	18,230	0	0	18,230
70-74	0	0	0	0	18,610	8,452	5,549	10,870
75-79	0	0	0	0	0	0	0	
80-84	0	0	0	0	0	Ö	4,581	4,581
85+	0	. 0	0	0	0	Ö	0	-,501
ALL	0	0	20,839	20,478	18,357	8,452	4,904	16,233

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS RETIRED

						,		
<u>Age</u>	<u><1</u>	1-4	5-9	10-14	15-19	20-24	25+ ALL	16,000
All	0	0	83,356	a the call Print	55,071	8,452	14.712 243	495

SURVIVORS AS OF JUNE 30, 1996

YEARS	SINCE	DEATH

						•		
<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	25+	ALL
<50	0	0	0	0	0	0		0
50-54	0	0	0	0	0	0	Õ	0
55-59	0	0	1	0	0	0	0	
60-64	0	0	0	1	0	0	Ŏ	i
65-69	0	0	0	0	0	1	0	
70-74	0	0	0	0	0	0	0	0
75-79	0	0	0	0	0	0	0	0
80-84	0	0	0	0	0	1	Ô	
85+	0	0	0	0	0	Ō	ì	
ALL	0	0	1	1	0	2	i	5

AVERAGE ANNUAL BENEFIT

YEARS SINCE DEATH

<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	<u>25</u> +	ALL
<50	0	0	0	0	0	0		
50-54	0	0	0	0	0	Ô	0	i de la companya de
55-59	0	0	17,906	0	0	0	^	15000
	J	v	17,200	U	U	U	0	17,906
60-64	0	0	0	23,084	0	0	0	23,084
65-69	0	0	0	0	0	6,636	0	6,636
70-74	^	•	_		-	0,050	U	0,030
70-74	U	U	O	0	0	0	0	0
75-79	0	Λ	Λ	0	0	0		
	•	v	v	U	U	U	U	0
80-84	0	0	0	0	0	3,210	0	3,210
85+	0	0	0	0	0	0	2,936	2,936
					กสมมาจะหน้า ค.ศ.	in a sarahari	_,	~,/-/
ALL	0	0	17,906	23,084	0	4,923	2,936	10,754

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS SINCE DEATH

<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	10-14	15-19	20-24	25+	ATI
All	0	0	17,906	23,084	0	9,846	 2,936	53,770

DISABILITY RETIREMENTS AS OF JUNE 30, 1996

YEA	RS	DIS	A RI	ED
-----	----	-----	------	----

<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	<u>10-14</u>	15-19	20-24	25+ ALL
<50	0	0	0	0	0	0	0 0
50-54	0	0	0	0	0	0	0 0
55-59	0	0	0	0	0	0	0 0
60-64	0	0	0	0	0	0	0 0
65-69	0	0	0	0	0	0	0 0
70-74	0	0	0	0	0	Ŏ	0 0
75-79	0	0	0	0	0	0	0 0
80-84	0	0	0	0	0	Ô	0 0
85+	0	0	0	0	0	0	0 0
ALL	0	en i i transfilietave sv	0	0	0	0	0 0

AVERAGE ANNUAL BENEFIT

YEARS DISABLED

Age	<u><1</u>	1-4	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	25+	ALL
<50	0	0	0	0	0	0		
50-54	0	0	0	0	0	Ŏ	0 8	0
55-59	0	0	0	0	0	0	0	Ů
60-64	0	0	0	0	Ö	0		0
65-69	0	0	0	0	0	0		0
70-74	0	0	0	0	0	Ö	Ŏ	0
75-79	0	0	0	0	0	0	n	0
80-84	0	0	0	0	0	0	0	ň
85+	0	0	0	0	0	0	Ŏ	Ó
ALL	0	0	0	0	0	0	0	Ô

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS DISABLED

						<i>,</i>		
A –								
AGA	< i	1_/	50	10 14	15 10	20.21		A service of the serv
1150	`1	1-4	J -7	10-14	17-14	20_24	751	Control of ATT TOO STORES
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				<u> </u>	15 17	20-24	25	**************************************
 No province del constituto del 			N PROPERTY AND	SOUTH AND THE SECOND COME THE FOREST	Contractor and the contractor of the contractor			360,00000000000000 000000000000000000000
A 11	restriction in the contract of				1924 - Piletterren retrikt in in 1944 lag.			XX
All	okaniar militaka (41 0)	araga bagareesaanaa ka aha.			a for a constant topological Artists of		a consideration and a second second	

Reconciliation Of Members

			Termin	nated
		Actives	Deferred Retirement	Other
		Actives	Remement	Non-Vested
A.	ON JUNE 30, 1995	6	0	0
B.	ADDITIONS	0	0	0
C.	DELETIONS			
	1. Service Retirement	0	0	0
	2. Disability	0	0	0
	3. Death-Survivor	0	0	0
	4. Death-Other	0	0	0
	Terminated - Deferred	0	0	0
	6. Terminated - Refund	0	0	0
	7. Terminated - Other Non-Vested	0	0	ő
	8. Returned as Active	0	. 0	Ö
D.	DATA ADJUSTMENTS	0	0	0
	Vested	•		
	Non-Vested	6		
	TYON- V ESTEU	0		
E.	TOTAL ON JUNE 30, 1996	6	0	0
			Recipients	
		Retirement Annuitants	Disabled	Survivors
A.	ON JUNE 30, 1995	14	1	5
B.	ADDITIONS	1	0	0
C.	DELETIONS			
	1. Service Retirement	0	(1)	0
	2. Death	0	(1)	0
	3. Annuity Expired		0	0
	4. Returned as Active	0	(1)	0
_		0	0	0
D.	DATA ADJUSTMENTS	0	1	0
E.	TOTAL ON JUNE 30, 1996	15	0	5

Actuarial Balance Sheet

(actual dollars)

A.	CURRENT ASSETS (1.25% of Table 1, F6)		\$9,425,588
В.	EXPECTED FUTURE ASSETS		
	 Present Value of Employee Contributions Present Value of Regular Municipal Contributions Present Value of Additional Municipal Contributions Total Expected Future Assets 		\$129,210 193,815 (990,640) (\$667,615)
C.	TOTAL CURRENT AND EXPECTED FUTURE ASSETS		\$8,757,973
D.	CURRENT PENSION BENEFIT OBLIGATIONS		
	1. Retirees and Beneficiaries Currently Receiving Benefits and Terminated Employees Not Yet Receiving Benefits		\$5,913,993
	2. Current Employees		
	 a. Accumulated Employee Contributions Including Allocated Investment Income* b. Employer-Financed Vested c. Employer-Financed Nonvested d. Total 	\$310,511 2,042,727 0	\$2,353,238
	3. Total Pension Benefit Obligation		\$8,267,231
E.	EXPECTED FUTURE PENSION BENEFIT OBLIGATION		\$490,742
F.	TOTAL CURRENT AND EXPECTED FUTURE PENSION BENEFIT OBLIGATION		\$8,757,973
G.	CURRENT UNFUNDED ACTUARIAL LIABILITY (D3-A)		(\$1,158,357)
H.	CURRENT AND FUTURE UNFUNDED ACTUARIAL LIABIL	ITY (F-C)	\$0
*Es	timated		

Entry Age Normal Cost Calculations

(actual dollars)

A.	DETERMINATION OF ACTUARIAL ACCRUED LIABILITY (AAL)	Number of Participants	Present Value of Projected Benefits	Actuarial Accrued Liabilities
	 Active Members a. Elected PERA Police and Fire b. No Election (Greater Value) c. Total 	4 2 6	\$1,671,918 1,172,062 \$2,843,980	\$1,433,326 1,046,786 \$2,480,112
	2. Former Membersa. Elected PERA Police and Fireb. No Election (Greater Value)c. Total	0 0 0	0 0 \$0	\$0 0 \$0
	 3. Benefit Recipients a. Elected PERA Police and Fire* b. Elected Relief Association c. Total 	6 14 20	\$337,053 5,576,940 \$5,913,993	\$337,053 5,576,940 \$5,913,993
	 4. Total a. Elected PERA Police and Fire* b. Elected Relief Association c. No Election (Greater Value) d. Total 	10 14 2 26	\$2,008,971 5,576,940 1,172,062 \$8,757,973	\$1,770,379 5,576,940 1,046,786 \$8,394,105
B.	DETERMINATION OF UNFUNDED A	CTUARIAL ACCI	RUED LIABILITY	(UAAL)
	 1. AAL (A4) 2. Current Assets (1.25% of Table 1,F6) 			\$8,394,105 9,425,588
	3. UAAL (B1-B2)			(\$1,031,483)
C.	NORMAL COST			\$72,959

^{*} Includes MPRIF Reserves of \$258,540

Net Actuarial Loss (Gain)

(actual dollars)

A.	ACTUARIAL PRESENT VALUE OF PROJECTED BENEFITS (Table 9-089) 1. Elected PERA Police and Fire 2. Elected Relief Association 3. No Election (Greater Value) 4. Total	\$2,008,971 5,576,940 1,172,062 \$8,757,973
B.	PRESENT VALUE OF FUTURE EMPLOYEE CONTRIBUTIONS	
	1. Elected PERA Police and Fire	\$97,785
	2. No Election (Greater Value)	\$31,425
	3. Total	\$129,210
C.	PRESENT VALUE OF FUTURE REGULAR MUNICIPAL CONTRIBUTIONS	
٠.	1. Elected PERA Police and Fire	
	2. No Election (Greater Value)	\$146,677
	3. Total	\$47,138
	_	\$193,815
D.	CURRENT VALUE OF TOTAL ASSETS (1.25% of Table 1, F6)	\$9,425,588
E.	PRESENT VALUE OF FUTURE ADDITIONAL MUNICIPAL CONTRIBUTION)NS
	1. Initial contribution - Amortized Through December 31, 2010	\$1,669,920
	2. 15 year amortization of prior years' loss (gain)	(1,754,728)
	(Table 11, B.2.b + B.2.c + B.2.d + B.2.e+B.2.f + B.2.g + B.2.h)	
	3. Total	(\$84,808)
F.	LOSS (GAIN) [A-B-C-D-E]	(\$005 822)
	=	(\$905,832)
G.	ANALYSIS OF LOSS (GAIN)	
	1. MPRIF Mortality	\$5,298
	2. PERA Benefit Election	0
	3. Additional Contributions Made	(26,648)
	4. Other	(884,482)
	5. Total	(\$905,832)
		(4,00,002)
H.	15 YEAR AMORTIZATION OF LOSS (GAIN)	(104,721)

Determination of Statutory Contributions

(actual dollars)

JULY 1, 1996

				Percent of Payroll	Dollar Amount
A.	EMPLOYI	EE CONTRIBUTIONS		7.60%	\$23,123 *
В.		ER CONTRIBUTIONS [justment For State Aid]			
	1. Regular	municipal contribution		11.40%	\$34,684 *
	2. Addition	nal municipal contribution			
		Date	Current	Last	Payment
		Established	Balance	Payment	Amount**
	a.	Initial	\$1,669,920	12/31/2010	\$193,055
	b.	07/01/88	\$0	12/31/2002	\$0
	c.	07/01/89	\$0	12/31/2003	\$0
	d.	07/01/90	\$620,759	12/31/2004	\$97,392
	e.	07/01/91	(\$928,305)	12/31/2005	(\$135,826)
	f.	07/01/92	(\$84,061)	12/31/2006	(\$11,580)
	g.	07/01/93	\$23,831	12/31/2007	\$3,115
	h.	07/01/94	(\$1,321,889)	12/31/2008	(\$165,006)
	i.	07/01/95	(\$65,063)	12/31/2009	(\$7,798)
	j.	07/01/96	(\$905,832)	12/31/2010	(\$104,721)
	k.	Total	(\$990,640)		(\$131,369)
C.	ESTIMATI	ED TOTAL STATUTORY	CONTRIBUTION		(\$73,562)

^{*} Estimated based on prior years' payroll

^{**} Contribution is assumed to be paid on December 31, 1996

ACTIVE MEMBERS AS OF JUNE 30, 1996

* 7	6.0	
Years	OI Se	rvice

<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	25-29	30+ ALL
<25	0	0	0	0	0	0	0	0 0
25-29	0	0	0	0	0	0	Ő	0 0
30-34	0	0	0	0	0	0	0	0 0 0 0 0 4
35-39	0	0	0	0	0	0	0	0 0
40-44	0	0	0	0	2	2	0	0
45-49	0	0	0	0	0	6	0	0 6
50-54	0	0	0	0	0	2	1	
55-59	0	0	0	0	0	0	0	o o
60-64	0	0	0	0	0	0	0	0 0
65+	0	0	0	0	0	0	0	0
ALL		0		0	2	10		1 14

AVERAGE ANNUAL EARNINGS

Years of Service

	Tears of Service							
<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	25-29	30+ ALL
<25	0	0	0	0	0	0	0	0
25-29	0	0	0	0	0	0	0	Ŏ
30-34	0	0	0	0	0	0	0	0 0
35-39	0	0	0	0	0	0	0	o o
40-44	0	0	0	0	56,101	51,174	0	0 53,638
45-49	0	0	0	0	0	54,714	0	0 54,714
50-54	0	0	0	0	0	53,037	47,299	55,631 52,251
55-59	0	0	0	0	0	0	0	0 0
60-64	0	0	0	0	0	0	0	0
65+	0	0	0	0	0	0	0	0 0
ALL	0	0	0	0	56,101	53,671	47,299	55,631 53,702

PRIOR FISCAL YEAR EARNINGS (IN DOLLARS) BY YEARS OF SERVICE

_									
<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	10-14	15-19	20-24	25-29	30±	AI I
All	0	0	0	0	112,202		47.299	55,631	751,828

SERVICE RETIREMENTS AS OF JUNE 30, 1996

3.7E7 A	20	-	_
YEA	KN.	RETIRE	I)

<u>Age</u>	≤1	1-4	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	25+	ALL
<50	0	0	0	0	0	0		n
50-54	0	1	0	0	0	Ö	Ô	1
55-59	1	2	1	^	^	•		
	ı	2	1	U	U	0	0	4
60-64	0	1	1	0	1	0	0	3
65-69	0	0	1	1	1	0	0	7
70-74	0	0	0	0	4	0	ő	4
75-79	0	0	0	0	0	1	0	**************************************
80-84	Λ	^	^	•	-	1	v	_
	U	U	0	0	0	0	0	n
85+	0	0	0	0	0	0	ŏ	Ö
ALL		4		Ī				
runan ga , s	A DE HER DIE EN HARRE	4			6		0	16

AVERAGE ANNUAL BENEFIT

YEARS RETIRED

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	10-14	15-19	<u>20-24</u>	<u>25+</u>	ALL
<50	0	0	0	0	0	0	0	0
50-54	0	22,549	0	0	0	0	Ŏ	22,549
55-59	28,252	24,270	23,487	0	0	0	0	25,070
60-64	0	25,715	26,454	0	23,808	0	0	25,326
65-69	0	0	28,438	24,470	23,808	0	0	25,572
70-74	0	0	0	0	21,649	0	0	21,649
75-79	0	0	0	0	0	23,808	0	23,808
80-84	0	0	0	0	0	0	Ŏ	23,000
85+	0	0	0	0	0	Ō	0	0
ALL	28,252	24,201	26,126	24,470	22,369	23,808	0	24,120

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS RETIRED

<u>Age</u>	<u><1</u>	1-4	5-9	10-14	15-19	20-24	25+	All
All	28,252	96,804	78,378	24,470	134,214	23,808	0	385,920

SURVIVORS AS OF JUNE 30, 1996

YEARS SINCE DEATH

<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	<u>20-24</u>	<u>25+</u>	ALL
<50	0	0	0	0	0	0	0	0
50-54	0	0	0	0	0	0	0	0
55-59	0	0	0	0	0	0	0	0
60-64	0	0	2	1	0	0	0	3
65-69	0	0	0	0	0	0	0	0
70-74	0	0	1	0	0	2	0	3
75-79	0	0	0	2	0	0	0	2
80-84	0	0	2	0	1	0	0	3
85+	0	0	0	0	0	1	0	
ALL	0	0	5			3	0	12

AVERAGE ANNUAL BENEFIT

YEARS SINCE DEATH

<u>Age</u>	<u>≤1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	<u>25+</u>	<u>ALL</u>
<50	0	0	0	0	0	0	0	0
50-54	0	0	0	0	0	0	0	0
55-59	0	0	0	0	0	0	0	0
60-64	0	0	11,092	11,904	0	0	0	11,363
65-69	0	0	0	0	0	0	0	0
70-74	0	0	11,904	0	0	10,655	0	11,071
75-79	0	0	0	11,279	0	0	0	11,279
80-84	0	0	11,904	0	11,904	0	0	11,904
85+	0	0	0	0	0	11,904	0	11,904
ALL	0	0	11,579	11,487	11,904	11,071	0	11,456

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS SINCE DEATH

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	10-14	15-19	20-24	25+	ALL
All	0		57 , 895	34,461	11,904	33,213	0	137,472

DISABILITY RETIREMENTS AS OF JUNE 30, 1996

YEARS DISABLED

<u>Age</u>	<u>≤1</u>	1-4	<u>5-9</u>	10-14	<u>15-19</u>	20-24	25+	ALL
<50	0	1	0	1	0	0	0	2
50-54	0	0	1	0	0	0	0	ī
55-59	0	0	0	0	0	0	0	n
60-64	0	0	0	0	0	0	0	0
65-69	0	0	0	0	0	0	0	0
70-74	0	0	0	0	0	0	Õ	Ô
75 -79	0	0	0	0	0	0	0	n
80-84	0	0	0	0	0	0	ő	Õ
85+	0	0	0	0	0	0	Ŏ	Ö
ALL	0	1	1	1	0	0	0	3

AVERAGE ANNUAL BENEFIT

YEARS DISABLED

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	10-14	15-19	20-24	<u>25+</u>	ALL
<50	0	21,311	0	22,828	0	0	0	22,070
50-54	0	0	23,808	0	0	0	Ō	23,808
55-59	0	0	0	0	0	0	0	0
60-64	0	0	0	0	0	0	0	0
65-69	0	0	0	0	0	0	0	0
70-74	0	0	0	0	0	0	Ō	0
75-79	0	0	0	0	0	0	0	0
80-84	0	0	0	0	0	0	0	Ŏ
85+	0	0	0	0	0	o	0	Õ
ALL	0	21,311	23,808	22,828	0	0	0	22,649

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS DISABLED

<u>Age</u>	<u>≤1</u>	1-4	5-9	10-14	15-19	20-24	25±	Afi
All	0	21,011		22,828	0	0	0	67,947

Reconciliation Of Members

			Termin	nated
		Actives	Deferred Retirement	Other Non-Vested
A.	ON JUNE 30, 1995	15	3	0
В.	ADDITIONS	0	0	0
C.	DELETIONS 1. Service Retirement 2. Disability 3. Death-Survivor 4. Death-Other 5. Terminated - Deferred 6. Terminated - Refund 7. Terminated - Other Non-Vested 8. Returned as Active	(1) 0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0
D.	DATA ADJUSTMENTS	0	0	0
	Vested Non-Vested	14 0		
E.	TOTAL ON JUNE 30, 1996	14	3	0
		Retirement Annuitants	Recipients Disabled	Survivors
A.	ON JUNE 30, 1995	16	3	11
B.	ADDITIONS	1	0	1
C.	DELETIONS 1. Service Retirement 2. Death 3. Annuity Expired 4. Returned as Active	0 (1) 0 0	0 0 0 0	0 0 0 0
D.	DATA ADJUSTMENTS	0	0	0
E.	TOTAL ON JUNE 30, 1996	16	3	12

Actuarial Balance Sheet

(actual dollars)

A.	CURRENT ASSETS (1.87% of Table 1, F6)		\$14,116,948
В.	EXPECTED FUTURE ASSETS		
	 Present Value of Employee Contributions Present Value of Regular Municipal Contributions Present Value of Additional Municipal Contributions Total Expected Future Assets 		\$529,667 794,500 (1,852,174) (\$528,007)
C.	TOTAL CURRENT AND EXPECTED FUTURE ASSETS		\$13,588,941
D.	CURRENT PENSION BENEFIT OBLIGATIONS		
	Retirees and Beneficiaries Currently Receiving Benefits and Terminated Employees Not Yet Receiving Benefits		\$7,708,210
	2. Current Employees		
	 a. Accumulated Employee Contributions Including Allocated Investment Income* b. Employer-Financed Vested c. Employer-Financed Nonvested d. Total 	\$732,246 3,110,477 187,611	\$4,030,334
	3. Total Pension Benefit Obligation		\$11,738,544
E.	EXPECTED FUTURE PENSION BENEFIT OBLIGATION		\$1,850,397
F.	TOTAL CURRENT AND EXPECTED FUTURE PENSION BENEFIT OBLIGATION		\$13,588,941
G.	CURRENT UNFUNDED ACTUARIAL LIABILITY (D3-A)		(\$2,378,404)
H.	CURRENT AND FUTURE UNFUNDED ACTUARIAL LIAB	ILITY (F-C)	\$0
*Es	timated		

Entry Age Normal Cost Calculations

(actual dollars)

JULY 1, 1996

	DETERMINATION OF A COLLABORA	Number of Participants	Present Value of Projected Benefits	Actuarial Accrued Liabilities
A.	DETERMINATION OF ACTUARIAL ACCRUED LIABILITY (AAL)			
	1. Active Members			
	a. Elected PERA Police and Fire	5	\$2,107,112	\$1,588,736
	b. No Election (Greater Value)	9	3,773,619	2,924,254
	c. Total	14	\$5,880,731	\$4,512,990
	2. Former Members			
	a. Elected PERA Police and Fire	0	0	\$0
	b. No Election (Greater Value)		704,209	704,209
	c. Total	3	\$704,209	\$704,209
	3. Benefit Recipients			
	a. Elected PERA Police and Fire*	23	\$4,757,665	\$4,757,665
	b. Elected Relief Association	8	2,246,336	2,246,336
	c. Total	31	\$7,004,001	\$7,004,001
	4. Total			
	 a. Elected PERA Police and Fire* 	28	\$6,864,777	\$6,346,401
	b. Elected Relief Association	8	2,246,336	2,246,336
	c. No Election (Greater Value)	12	4,477,828	3,628,463
	d. Total	48_	\$13,588,941	\$12,221,200
В.	DETERMINATION OF UNFUNDED A	ACTUARIAL ACC	RUED LIABILITY	(UAAL)
	1. AAL (A4)			\$12,221,200
	2. Current Assets (1.87% of Table 1,F6)			14,116,948
	3. UAAL (B1-B2)			(\$1,895,748)
C.	NORMAL COST			\$158,136

* Includes MPRIF Reserves of \$4,301,231

Net Actuarial Loss (Gain)

(actual dollars)

A.	ACTUARIAL PRESENT VALUE OF PROJECTED BENEFITS (Table 9-160) 1. Elected PERA Police and Fire 2. Elected Relief Association 3. No Election (Greater Value) 4. Total	\$6,864,777 2,246,336 4,477,828 \$13,588,941
В.	PRESENT VALUE OF FUTURE EMPLOYEE CONTRIBUTIONS 1. Elected PERA Police and Fire 2. No Election (Greater Value) 3. Total	\$212,264 \$317,403 \$529,667
C.	PRESENT VALUE OF FUTURE REGULAR MUNICIPAL CONTRIBUTIONS 1. Elected PERA Police and Fire 2. No Election (Greater Value) 3. Total	\$318,396 \$476,104 \$794,500
D.	CURRENT VALUE OF TOTAL ASSETS (1.87% of Table 1, F6)	\$14,116,948
E.	PRESENT VALUE OF FUTURE ADDITIONAL MUNICIPAL CONTRIBUTIONAL Initial contribution - Amortized Through December 31, 2010 2. 15 year amortization of prior years' loss (gain) (Table 11, B.2.b + B.2.c + B.2.d + B.2.e+B.2.f + B.2.g + B.2.h) 3. Total	ONS \$3,702,637 (3,886,861) (\$184,224)
F.	LOSS (GAIN) [A-B-C-D-E]	(\$1,667,950)
G.	ANALYSIS OF LOSS (GAIN) 1. MPRIF Mortality 2. PERA Benefit Election 3. Additional Contributions Made 4. Other 5. Total	(\$189,179) 0 (97,041) (1,381,730) (\$1,667,950)
H.	15 YEAR AMORTIZATION OF LOSS (GAIN)	(192,827)

Determination of Statutory Contributions

(actual dollars)

JULY 1, 1996

				Percent of Payroll	Dollar Amount
A. E	MPLOYE	E CONTRIBUTIONS		7.60%	\$57,140 *
		R CONTRIBUTIONS structure (State Aid)			
1.	. Regular n	nunicipal contribution		11.40%	\$85,710 *
2.	. Additiona	l municipal contribution			
		Date	Current	Last	Payment
		Established	Balance	Payment	Amount**
	a.	Initial	\$3,702,637	12/31/2010	\$428,052
	b.	07/01/88	\$0	12/31/2002	\$0
	c.	07/01/89	\$0	12/31/2003	\$0
	d.	07/01/90	\$0	12/31/2004	\$0
	e.	07/01/91	\$0	12/31/2005	\$0
	f.	07/01/92	(\$3,355,081)	12/31/2006	(\$462,188)
	g.	07/01/93	\$12,455	12/31/2007	\$1,628
	h.	07/01/94	\$139,723	12/31/2008	\$17,441
	i.	07/01/95	(\$683,957)	12/31/2009	(\$81,974)
	j.	07/01/96	(\$1,667,950)	12/31/2010	(\$192,827)
	k.	Total	(\$1,852,174)		(\$289,868)
C. ES	STIMATEI	O TOTAL STATUTORY C	ONTRIBUTION		(\$147,018)

^{*} Estimated based on prior years' payroll

^{**} Contribution is assumed to be paid on December 31, 1996

ACTIVE MEMBERS AS OF JUNE 30, 1996

Years of	Ser	VICE

<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	10-14	<u>15-19</u>	<u>20-24</u>	25-29	30+ ALL
<25	0	0	0	0	0	0		
25-29	0	0	0	0	0	Õ	ő	0 0
30-34	0	0	0	0	0	0	0	0 0
35-39	0	0	0	0	1	0	0	0 1
40-44	0	0	0	0	8	1	0	0 9
45-49	0	0	0	0	2	3	1	0 6
50-54	0	0	0	0	1	3	8	0 12
55-59	0	0	0	0	0	0	3	3 6
60-64	0	0	0	0	0	0	0	0 0
65+	0	0	0	0	0	0	Ö	0 0
ALL	0	0	0	0	12	7	12	3 34

AVERAGE ANNUAL EARNINGS

Years of Service

					113 01 001 41	CC		
<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	0-14	<u>15-19</u>	20-24	<u>25-29</u>	<u>30+</u> <u>ALL</u>
<25	0	0	0	0	0	0	0	0 0
25-29	0	0	0	0	0	0	Ō	0 0
30-34	0	0	0	0	0	0	0	0 . 0
35-39	0	0	0	0	45,778	0	Ō	0 45,778
40-44	0	0	0	0	53,060	51,349	0	0 52,870
45-49	0	0	0	0	56,288	54,445	63,771	0 56,614
50-54	0	0	0	0	48,828	54,868	49,364	0 50,695
55-59	0	0	0	0	0	0	50,039	51,455 50,747
60-64	0	0	0	0	0	0	0	0 0
65+	0	0	0	. 0	0	0	Ō	0 0
ALL	0	0	0	0	52,639	54,184	50,733	51,455 52,179

PRIOR FISCAL YEAR EARNINGS (IN THOUSANDS) BY YEARS OF SERVICE

<u>Age</u>	<u>≤1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	25-29	30+	ALL
Ali	0	0	0	0	632	379	007	154	1,774

SERVICE RETIREMENTS AS OF JUNE 30, 1996

YEARS RETIRI	ar.

<u>Age</u>	<u>≤1</u>	1-4	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	<u>20-24</u>	25+	ALL
<50	0	0	0	0	0	0	<u> </u>	0
50-54	0	2	1	1	0	Ô	0	A
55-59	5	Λ		^	•	_		
22-29	3	U	O	U	U	0	0	
60-64	Λ	1	^		^			
00-04	U	1	U	I	U	Ü	0	2
							·	
65-69	Λ	2	2	1.0	•		_	
	U	2)	13	2	1	0	21
70-74	0	Λ	•	4	•	_	•	
10-14	U	U	1	4	y	2	0	16
							_	
75-79	Λ	۸	Λ	1	•		_	
	U	U	U	Ţ	3	1	0	5
80-84	Λ	Λ	Λ	^			_	
	U	v	U	U	I	1	1	3
85+	Ω	Λ	Λ	^	^	^	_	
0.5 .	U	U	U	U	U	U	0	0
			Halisakon kiinemmi e		provide that seems as	Salestere was en ac.	รวาชาการสมอัสมา	
AII	5		11		16			
				20	15			62
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AVERAGE ANNUAL BENEFIT

YEARS RETIRED

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	25+	ALL
<50	0	0	0	0	0	0	0	0
50-54	0	23,868	22,674	21,483	0	0	Ö	22,973
55-59	34,674	0	23,338	0	0	0	0	28,491
60-64	0	47,164	0	22,676	0	Õ	0	34,920
65-69	0	37,663	28,549	25,152	22,377	11,228	0	25,902
70-74	0	0	27,923	25,205	24,438	20,886	Õ	24,404
75-79	0	0	0	25,477	25,096	25,331	0	25,219
80-84	0	0	0	0	25,063	22,676	22,676	23,472
85+	0	0	0	0	0	0	0	0
ALL	34,674	34,045	25,116	24,872	24,337	20,201	22,676	25,904

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS RETIRED

Age	<u><1</u>	1-4	5-9	10-14	15-19	20-24	25+	ALL
All	173,370	170,225	276,276	497,440	365,055	101,005	THE PROPERTY OF THE PARTY.	1,606,048

SURVIVORS AS OF JUNE 30, 1996

YE.	A	R	S	SIN	CE.	DE	ATH	i
	_		v	211				

				DITTO DITT	CE DELLAR	_		
<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	10-14	<u>15-19</u>	<u>20-24</u>	<u>25+</u>	ALL
<50	0	0	0	0	0	· 0	0	0
50-54	0	0	0	0	0	0	0	0
55-59	0	0	0	0	0	0	0	0
60-64	0	0	1	0	0	0	0	1
65-69	0	0	1	1	2	2	0	6
70-74	0	0	1	0	2	0	0	3
75-79	0	0	1	0	0	1	1	3
80-84	0	0	0	0	0	0	5	5
85+	0	0	0	0	1	0	1	2
ALL	0	0	4		5	3	7	20

AVERAGE ANNUAL BENEFIT

YEARS SINCE DEATH

Age	<u><1</u>	1-4	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	<u>20-24</u>	<u>25+</u>	ALL
<50	0	0	0	0	0	0	0	0
50-54	0	0	0	0	0	0	0	0
55-59	0	0	0	0	0	0	0	0
60-64	0	0	10,856	0	0	0	0	10,856
65-69	0	0	10,740	10,746	10,740	10,741	0	10,741
70-74	0	0	10,741	0	10,296	0	0	10,444
75-79	0	0	10,741	0	0	10,741	10,247	10,576
80-84	0	0	0	0	0	0	10,786	10,786
85 +	0	0	0	0	10,741	0	10,741	10,741
ALL	0	0	10,770	10,746	10,563	10,741	10,703	10,689

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS SINCE DEATH

_				<u> </u>		, ,		
A ~~	- 1	1 4	- A	10 14				
Age	~ !	-4	7-4	111-14	15_30	20-24	754	565 Mg Mg 18 50 A 50 D0 T0
			<u> </u>	10-17	13-13	20-2 1	∠J⊤	
2 to 10 to 1	the same and a second of the same	the same state of the first of the same	5.2		 .			00000000000000000000000000000000000000
44	the second of th	Grand to the contrata between the contrata of the first of the figure		uun auu au anunksi mooda 9 kaasi (276	69-00-4 1999 (S. 14198) (S. 1419-44-44)	. Pari Sangar da respecto de consecucion de la consecución del consecución de la con		56 9 86 50 50 50 60 60 60 60 - 1, 5, 6 6 60 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
A 11		dramas areas de la Masalis	42 ABA	10747	CO 016			
7.11		A respect to the property of the control of the con	41 UXU	10.746	32 - 33 3 / X I 3 3 . 3		14 0 1 1	212720
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DISABILITY RETIREMENTS AS OF JUNE 30, 1996

VEA	PC	DISA	TG	ED
I LA		DIO	m	.K.17

				Tarrito D.	LO2 XIDEJI			
<u>Age</u>	<u><1</u>	<u>1-4</u>	5-9	<u>10-14</u>	<u>15-19</u>	20-24	<u>25+</u>	ALL
<50	0	0	0	0	1	0	0	1
50-54	0	0	0	, 0	0	0	0	0
55-59	0	0	0	0	0	0	0	0
60-64	0	0	0	0	0	0	0	0
65-69	0	0	0	0	0	0	0	0
70-74	0	0	0	0	0	0	0	0
75-79	0	0	. 0	0	0	0	0	0
80-84	0	0	0	0	0	0	Ō	Ô
85+	0	0	0	0	0	0	0	0
ALL	0	0	0	0	1	0	0	

AVERAGE ANNUAL BENEFIT

YEARS DISABLED

<1	1 4						
	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	<u>25+</u>	ALL
0	0	0	0	16,723	0	0	16,723
0	0	0	0	0	0	0	, 0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	Ö	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	Ö	0
0	0	0	0	0	0	0	0
0	0	0	0	0	Ō	0	ň
0	0	0	0	0	0	0	Õ
0	0	0	0	16 723	O	n	16.723
	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 16,723 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 16,723 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 16,723 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS DISABLED

-								
Age	<u><1</u>	1-4	5-9	10-14	15-19	20-24	25+	ALL
All	C	0	0		16,723	0	0	16.723

Rochester Fire Consolidation Account

Reconciliation Of Members

			Termi	nated
			Deferred	Other
		Actives	Retirement	Non-Vested
A.	ON JUNE 30, 1995	40	0	. 0
В.	ADDITIONS	0	1	0
C.	DELETIONS			
	1. Service Retirement	(5)	0	0
	2. Disability	0	0	0
	3. Death-Survivor	0	0	0
	4. Death-Other	0	0	0
	5. Terminated - Deferred	(1)	0	0
	6. Terminated - Refund	0	0	0
	7. Terminated - Other Non-Vested8. Returned as Active	0	0	0
	8. Returned as Active	0	0	0
D.	DATA ADJUSTMENTS	0	0	0
	Vested	34		
	Non-Vested	0		
E.	TOTAL ON JUNE 30, 1996	34	1	0
			Recipients	
		Retirement		
		Annuitants	Disabled	Survivors
A.	ON JUNE 30, 1995	57	2	20
В.	ADDITIONS	6	0	1
C.	DELETIONS			
	1. Service Retirement	0	(1)	0
	2. Death	(1)	o	(1)
	3. Annuity Expired	0	0	Ö
	4. Returned as Active	0	0	.0
D.	DATA ADJUSTMENTS	0	0	0
E.	TOTAL ON JUNE 30, 1996	62	1	20

Rochester Fire Consolidation Account

Actuarial Balance Sheet

(actual dollars)

A.	CURRENT ASSETS (3.89% of Table 1, F6)		\$29,358,453
В.	EXPECTED FUTURE ASSETS		
	 Present Value of Employee Contributions Present Value of Regular Municipal Contributions Present Value of Additional Municipal Contributions Total Expected Future Assets 		\$1,225,872 1,838,808 5,751,039 \$8,815,719
C.	TOTAL CURRENT AND EXPECTED FUTURE ASSETS		\$38,174,172
D.	CURRENT PENSION BENEFIT OBLIGATIONS		
	1. Retirees and Beneficiaries Currently Receiving Benefits and Terminated Employees Not Yet Receiving Benefits		\$25,083,884
	2. Current Employees		
	 a. Accumulated Employee Contributions Including Allocated Investment Income* b. Employer-Financed Vested c. Employer-Financed Nonvested d. Total 	\$1,639,336 7,682,964 0	¢0.222.200
			\$9,322,300
	3. Total Pension Benefit Obligation		\$34,406,184
E.	EXPECTED FUTURE PENSION BENEFIT OBLIGATION		\$3,767,988
F.	TOTAL CURRENT AND EXPECTED FUTURE PENSION BENEFIT OBLIGATION		\$38,174,172
G.	CURRENT UNFUNDED ACTUARIAL LIABILITY (D3-A)		\$5,047,731
H.	CURRENT AND FUTURE UNFUNDED ACTUARIAL LIABI	ILITY (F-C)	\$0
*Es	stimated		

Entry Age Normal Cost Calculations

(actual dollars)

JULY 1, 1996

		Number of Participants	Present Value of Projected Benefits	Actuarial Accrued Liabilities
A.	DETERMINATION OF ACTUARIAL ACCRUED LIABILITY (AAL)			
	1. Active Members			
	a. Elected PERA Police and Fire	25	\$9,343,314	\$7,030,035
	b. No Election (Greater Value)	9	3,746,974	3,025,691
	c. Total	34	\$13,090,288	\$10,055,726
	2. Former Members			
	a. Elected PERA Police and Fire	1	143,510	\$143,510
	b. No Election (Greater Value)	0	0	0
	c. Total	1	\$143,510	\$143,510
	3. Benefit Recipients			
	a. Elected PERA Police and Fire*	16	\$5,094,614	\$5,094,614
	b. Elected Relief Association	67	19,845,760	19,845,760
	c. Total	83	\$24,940,374	\$24,940,374
	4. Total			
	a. Elected PERA Police and Fire*	42	\$14,581,438	\$12,268,159
	b. Elected Relief Association	67	19,845,760	19,845,760
	c. No Election (Greater Value)	9	3,746,974	3,025,691
	d. Total	118	\$38,174,172	\$35,139,610
В.	DETERMINATION OF UNFUNDED A	ACTUARIAL ACC	RUED LIABILITY	(UAAL)
	1. AAL (A4)			\$35,139,610
	2. Current Assets (3.89% of Table 1,F6)			29,358,453
	3. UAAL (B1-B2)			\$5,781,157
C.	NORMAL COST			\$359,761

* Includes MPRIF Reserves of \$4,646,676

Net Actuarial Loss (Gain)

(actual dollars)

A.	ACTUARIAL PRESENT VALUE OF PROJECTED BENEFITS (Table 9-094) 1. Elected PERA Police and Fire 2. Elected Relief Association 3. No Election (Greater Value) 4. Total	\$14,581,438 19,845,760 3,746,974 \$38,174,172
В.	PRESENT VALUE OF FUTURE EMPLOYEE CONTRIBUTIONS 1. Elected PERA Police and Fire 2. No Election (Greater Value) 3. Total	\$929,860 \$296,012 \$1,225,872
C.	PRESENT VALUE OF FUTURE REGULAR MUNICIPAL CONTRIBUTIONS 1. Elected PERA Police and Fire 2. No Election (Greater Value) 3. Total	\$1,394,790 \$444,018 \$1,838,808
D.	CURRENT VALUE OF TOTAL ASSETS (3.89% of Table 1, F6)	\$29,358,453
E.	PRESENT VALUE OF FUTURE ADDITIONAL MUNICIPAL CONTRIBUTION 1. Initial contribution - Amortized Through December 31, 2010 2. 15 year amortization of prior years' loss (gain) (Table 11, B.2.b + B.2.c + B.2.d + B.2.e+B.2.f + B.2.g + B.2.h) 3. Total	\$8,117,443 (175,510) \$7,941,933
F.	LOSS (GAIN) [A-B-C-D-E]	(\$2,190,894)
G.	ANALYSIS OF LOSS (GAIN) 1. MPRIF Mortality 2. PERA Benefit Election 3. Additional Contributions Made 4. Other 5. Total	\$40,827 (166,471) 0 (2,065,250) (\$2,190,894)
H.	15 YEAR AMORTIZATION OF LOSS (GAIN)	(253,283)

Determination of Statutory Contributions

(actual dollars)

JULY 1, 1996

				Percent of Payroll	Dollar Amount
A.	EMPLOYI	EE CONTRIBUTIONS		7.60%	\$134,833 *
B.		ER CONTRIBUTIONS justment For State Aid)			
	1. Regular	municipal contribution		11.40%	\$202,250 *
	2. Addition	nal municipal contribution			
		Date	Current	Last	Payment
	~ ~~~	Established	Balance	Payment	Amount**
	a.	Initial	\$8,117,443	12/31/2010	\$938,436
	b.	07/01/88	\$0	12/31/2002	\$0
	c.	07/01/89	\$0	12/31/2003	\$0
	d.	07/01/90	\$0	12/31/2004	\$0
	e.	07/01/91	\$1,104,732	12/31/2005	\$161,640
	f.	07/01/92	(\$586,167)	12/31/2006	(\$80,749)
	g.	07/01/93	(\$500,371)	12/31/2007	(\$65,404)
	h.	07/01/94	\$403,314	12/31/2008	\$50,344
	i.	07/01/95	(\$597,017)	12/31/2009	(\$71,554)
	j.	07/01/96	(\$2,190,894)	12/31/2010	(\$253,283)

\$5,751,039

C. ESTIMATED TOTAL STATUTORY CONTRIBUTION

Total

\$1,016,513

\$679,430

k.

^{*} Estimated based on prior years' payroll

^{**} Contribution is assumed to be paid on December 31, 1996

ACTIVE MEMBERS AS OF JUNE 30, 1996

_	Years of Service									
<u>Age</u>	<u>≤1</u>	<u>1-4</u>	<u>5-9</u>	10-14	<u>15-19</u>	20-24	25-29	30+ ALL		
<25	0	0	0	0	0	0	0	0 0		
25-29	0	0	0	0	0	0	0	0 0		
30-34	0	0	0	0	0	0	0	0 0		
35-39	0	0	0	0	1	0	0	0 1		
40-44	0	0	0	0	15	1	0	0 16		
45-49	0	0	0	0	1	4	2	0 7		
50-54	0	0	0	0	2	1	12	1 16		
55-59	0	0	0	0	0	0	3	1 4		
60-64	0	0	0	0	0	0	0	0 0		
65+	0	0	0	0	0	0	0	0 0		
ALL	0	0	0	0	19	6	17	2 44		

AVERAGE ANNUAL EARNINGS

	Years of Service								
<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	<u>20-24</u>	<u>25-29</u>	<u>30+</u>	<u>ALL</u>
<25	0	0	0	0	0	0	0	0	0
25-29	0	0	0	0	0	0	0	0	0
30-34	0	0	0	0	0	0	0	0	0
35-39	0	0	0	0	51,302	0	0	0	51,302
40-44	0	0	0	0	51,027	56,532	0	0	51,371
45-49	0	0	0	0	55,158	46,123	50,696	0	48,720
50-54	0	0	0	0	48,490	52,135	53,477	67,593	53,652
55-59	0	0	0	0	0	0	52,826	50,993	52,368
60-64	0	0	0	0	0	0	0	0	0
65+	0	0	0	0	0	0	0	0	0
ALL	0	0	0	0	50,992	48,860	53,035	59,293	51,867

_	PR	IOR FISCA	L YEAR I	EARNINGS	(IN THOU	JSANDS) E	SY YEARS (OF SERV	ICE
Age	<u><1</u>	<u>1-4</u>	<u>5-9</u>	10-14	<u>15-19</u>	20-24	25-29	30+	ALL
All	0	0	Ô	0	969	293	902	110	2 282

SERVICE RETIREMENTS AS OF JUNE 30, 1996

YEARS RETIRED

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	<u>20-24</u>	<u>25+</u>	ALL
<50	0	0	0	0	0	0	0	0
50-54	0	2	0	0	0	0	Ö	2
55-59	5	4	4	Ω	n	0	0	10
	-	- 1	т	U	v	U	v	13
60-64	0	3	5	2	0	0	0	10
65-69	0	1	6	2	3	0	0	12
70-74	0	0	2	2	5	2	Õ	11
75-79	0	Λ	1	٥	2	•	•	
	Ū	U	1	U	3	1	1	D
80-84	0	0	0	0	0	2	0	2
85+	0	0	0	0	1	0	2	3
ΔΙΤ	5	10	18				era de la composição	
		10	10	6	12	5	3	59

AVERAGE ANNUAL BENEFIT

YEARS RETIRED

<u>Age</u>	<u>≤1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	15-19	<u>20-24</u>	<u>25+</u>	ALL
<50	0	0	0	0	0	0	0	0
50-54	0	20,075	0	0	0	0	0	20,075
55-59	30,699	34,894	21,897	0	0	0	0	29,282
60-64	0	31,296	25,409	21,974	0	0	0	26,488
65-69	0	26,353	25,792	24,470	23,412	0	0	25,023
70-74	0	0	26,157	22,328	22,395	22,363	0	23,061
75-79	0	0	29,170	0	24,460	20,069	25,213	24,639
80-84	0	0	0	0	0	24,648	0	24,648
85+	0	0	0	0	25,213	0	24,648	24,836
ALL	30,699	29,997	25,048	22,924	23,400	22,818	24,836	25,615

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS RETIRED

Age ≤ 1 1-4 5-9 10-14 15-19 20-24 25+	
Age <1 1-4 5-9 10-14 15-19 20-24 25+	AT I A TO I A
4. 44%, 1944, 1944, 1944, 1944, 1944, 1944, 1944, 1944, 1944, 1944, 1944, 1944, 1944, 1944, 1944, 1944, 1944,	OLL
All 153,495 299,970 450,864 137,544 280,800 114,090 74,508	1,511,285

SURVIVORS AS OF JUNE 30, 1996

YEARS	SINCE	DEATH

<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	<u>20-24</u>	<u>25+</u>	ALL
<50	0	0	0	0	0	0	0	0
50-54	0	0	0	0	0	0	0	0
55-59	0	0	t	1	0	0	0	2
60-64	0	0	0	0	0	1	0	ī
65-69	0	0	1	0	0	0	0	1
70-74	0	0	1	0	0	0	0	1
75-79	0	0	0	0	1	0	1	2
80-84	0	0	0	0	0	0	2	2
85+	0	0	1	1	0	0	0	2
ALL	0	0	4	2	1	1	3	11

AVERAGE ANNUAL BENEFIT

YEARS SINCE DEATH

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	<u>20-24</u>	<u>25+</u>	ALL
<50	0	0	0	0	0	0	0	0
50-54	0	0	0	0	0	0	0	0
55-59	0	0	10,321	10,805	0	0	0	10,563
60-64	0	0	0	0	0	10,805	0	10,805
65-69	0	0	10,321	0	0	0	0	10,321
70-74	0	0	10,805	0	0	0	0	10,805
75-79	0	0	0	0	10,321	0	10,805	10,563
80-84	0	0	0	0	0	0	10,643	10,643
85+	0	0	10,805	10,321	0	0	0	10,563
ALL	0	0	10,563	10,563	10,321	10,805	10,697	10.600

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS SINCE DEATH

_								
<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	10-14	15-19	20-24	25+	ALL
All	0	0	42,252	21,126	10,321	10,805	32,091	116,600

DISABILITY RETIREMENTS AS OF JUNE 30, 1996

YEARS DISABLED

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	10-14	<u>15-19</u>	20-24	<u>25+</u>	ALL
<50	0	0	0	0	0	1	0	
50-54	0	0	0	0	0	0	0	0
55-59	0	0	0	0	0	0	0	0
60-64	0	0	0	0	0	0	0	0
65-69	0	0	0	0	0	0	0	
70-74	0	0	0	0	0	0	0	0
75-79	0	0	0	0	0	0	0	0
80-84	0	0	0	0	0	0	0	0
85+	0	0	0	0	0	0	0	0
ALL	0	0	0			1	0	

AVERAGE ANNUAL BENEFIT

YEARS DISABLED

<u>Age</u>	<u><1</u>	1-4	<u>5-9</u> <u>1</u>	0-14	<u>15-19</u>	<u>20-24</u>	<u>25+</u>	ALL
<50	0	0	0	0	0	12,122	0	12,122
50-54	0	0	0	0	0	0	0	0
55 -59	0	0	0	0	0	0	0	0
60-64	0	0	0	0	0	0	0	0
65-69	0	0	0	0	0	0	0	0
70-74	0	0	0	0	0	0	0	0
75-79	0	0	0	0	0	0	0	0
80-84	0	0	0	0	0	0	0	0
85+	0	0	0	0	0	0	0	0
ALL	0	0	0	0	0	12,122	0	12.122

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS DISABLED

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	25+	ALL
All	0.11	0	0	0				12,122

Reconciliation Of Members

			Termi	Terminated		
		Actives	Deferred Retirement	Other Non-Vested		
A.	ON JUNE 30, 1995	49	3	0		
В.	ADDITIONS	0	1	0		
D.	DELETIONS 1. Service Retirement 2. Disability 3. Death-Survivor 4. Death-Other 5. Terminated - Deferred 6. Terminated - Refund 7. Terminated - Other Non-Vested 8. Returned as Active DATA ADJUSTMENTS Vested Non-Vested TOTAL ON JUNE 30, 1996	(4) 0 0 0 (1) 0 0 0 0 44 0 44	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0		
			Recipients			
		Retirement Annuitants	Disabled	Survivors		
A.	ON JUNE 30, 1995	55	1	12		
В.	ADDITIONS	5	0	0		
C.	DELETIONS 1. Service Retirement 2. Death 3. Annuity Expired 4. Returned as Active	0 (1) 0 0	0 0 0 0	0 (1) 0 0		
D.	DATA ADJUSTMENTS	0	0	0		
E.	TOTAL ON JUNE 30, 1996	59	1	11		

Actuarial Balance Sheet

(actual dollars)

A.	CURRENT ASSETS (4.01% of Table 1, F6)		\$30,259,687
B.	EXPECTED FUTURE ASSETS		
	 Present Value of Employee Contributions Present Value of Regular Municipal Contributions Present Value of Additional Municipal Contributions Total Expected Future Assets 		\$1,724,330 2,586,494 3,662,593 \$7,973,417
C.	TOTAL CURRENT AND EXPECTED FUTURE ASSETS		\$38,233,104
D.	CURRENT PENSION BENEFIT OBLIGATIONS		
	1. Retirees and Beneficiaries Currently Receiving Benefits and Terminated Employees Not Yet Receiving Benefits		\$21,523,163
	2. Current Employees		
	 a. Accumulated Employee Contributions Including Allocated Investment Income* b. Employer-Financed Vested c. Employer-Financed Nonvested d. Total 	\$2,111,075 9,123,342 192,985	\$11,427,402
	3. Total Pension Benefit Obligation		\$32,950,565
E.	EXPECTED FUTURE PENSION BENEFIT OBLIGATION		\$5,282,539
F.	TOTAL CURRENT AND EXPECTED FUTURE PENSION BENEFIT OBLIGATION	\$38,233,104	
G.	CURRENT UNFUNDED ACTUARIAL LIABILITY (D3-A)		\$2,690,878
H.	CURRENT AND FUTURE UNFUNDED ACTUARIAL LIAB	ILITY (F-C)	\$0
*Es	timated		

Entry Age Normal Cost Calculations

(actual dollars)

A.	DETERMINATION OF ACTUARIAL	Number of Participants	Present Value of Projected Benefits	Actuarial Accrued Liabilities
A.	ACCRUED LIABILITY (AAL)			
	1. Active Members			
	a. Elected PERA Police and Fire	33	\$12,430,727	\$9,205,555
	b. No Election (Greater Value)	11	4,279,214	3,289,642
	c. Total	44	\$16,709,941	\$12,495,197
	2. Former Members			
	a. Elected PERA Police and Fire	3	572,199	\$572,199
	b. No Election (Greater Value)	1	424,795	424,795
	c. Total	4	\$996,994	\$996,994
	3. Benefit Recipients			•
	a. Elected PERA Police and Fire*	42	\$12,336,699	\$12,336,699
	b. Elected Relief Association		8,189,470	8,189,470
	c. Total	<u>29</u> 71	\$20,526,169	\$20,526,169
	4. Total		, ,	, , , , , , , , , , , , , , , , , , ,
	a. Elected PERA Police and Fire*	78	\$25,339,625	\$22,114,453
	b. Elected Relief Association	29	8,189,470	8,189,470
	c. No Election (Greater Value)	12	4,704,009	3,714,437
	d. Total	119	\$38,233,104	\$34,018,360
В				
В.	DETERMINATION OF UNFUNDED A	CTUARIAL ACCI	RUED LIABILITY	(UAAL)
	1. AAL (A4)			\$34,018,360
	2. Current Assets (4.01% of Table 1,F6)			30,259,687
	3. UAAL (B1-B2)			\$3,758,673
C.	NORMAL COST			\$452,804

^{*} Includes MPRIF Reserves of \$12,039,238

Net Actuarial Loss (Gain) (actual dollars)

A.	ACTUARIAL PRESENT VALUE OF PROJECTED BENEFITS (Table 9-082) 1. Elected PERA Police and Fire 2. Elected Relief Association 3. No Election (Greater Value) 4. Total	\$25,339,625 8,189,470 4,704,009 \$38,233,104
В.	PRESENT VALUE OF FUTURE EMPLOYEE CONTRIBUTIONS 1. Elected PERA Police and Fire 2. No Election (Greater Value) 3. Total	\$1,323,041 \$401,289 \$1,724,330
C.	PRESENT VALUE OF FUTURE REGULAR MUNICIPAL CONTRIBUTIONS 1. Elected PERA Police and Fire 2. No Election (Greater Value) 3. Total	\$1,984,561 \$601,933 \$2,586,494
D.	CURRENT VALUE OF TOTAL ASSETS (4.01% of Table 1, F6)	\$30,259,687
E.	PRESENT VALUE OF FUTURE ADDITIONAL MUNICIPAL CONTRIBUTIONAL Initial contribution - Amortized Through December 31, 2010 2. 15 year amortization of prior years' loss (gain) (Table 11, B.2.b + B.2.c + B.2.d + B.2.e+B.2.f + B.2.g + B.2.h) 3. Total	9NS \$7,656,581 (1,874,814) \$5,781,767
F.	LOSS (GAIN) [A-B-C-D-E]	(\$2,119,174)
G.	ANALYSIS OF LOSS (GAIN) 1. MPRIF Mortality 2. PERA Benefit Election 3. Additional Contributions Made 4. Other 5. Total	\$196,913 (116,596) 0 (2,199,491) (\$2,119,174)
H.	15 YEAR AMORTIZATION OF LOSS (GAIN)	(244,992)

Determination of Statutory Contributions

(actual dollars)

JULY 1, 1996

				Percent of Payroll	Dollar Amount
A.	EMPLOYE	EE CONTRIBUTIONS		7.60%	\$173,447 *
В.		ER CONTRIBUTIONS justment For State Aid)			
	1. Regular	municipal contribution		11.40%	\$260,170 *
	2. Addition	nal municipal contribution			
		Date	Current	Last	Payment
		Established	Balance	Payment	Amount**
	a.	Initial	\$7,656,581	12/31/2010	\$885,157
	b.	07/01/88	\$0	12/31/2002	\$0
	c.	07/01/89	\$0	12/31/2003	\$0
	d.	07/01/90	(\$2,463,628)	12/31/2004	(\$386,523)
	e.	07/01/91	\$783,427	12/31/2005	\$114,628
	f.	07/01/92	\$291,439	12/31/2006	\$40,148
	g.	07/01/93	(\$495,590)	12/31/2007	(\$64,779)
	h.	07/01/94	\$66,140	12/31/2008	\$8,256
	i.	07/01/95	(\$56,603)	12/31/2009	(\$6,784)
	j.	07/01/96	(\$2,119,174)	12/31/2010	(\$244,992)
	k.	Total	\$3,662,593		\$345,111

C. ESTIMATED TOTAL STATUTORY CONTRIBUTION

\$778,728

^{*} Estimated based on prior years' payroll

^{**} Contribution is assumed to be paid on December 31, 1996

ST. CLOUD FIRE CONSOLIDATION ACCOUNT ACTIVE MEMBERS AS OF JUNE 30, 1996

_		,		Yea	ars of Servi	ce		
<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	25-29	30+ ALL
<25	0	0	0	0	0	0	0	0 0
25-29	0	0	0	0	0	0	0	0 0
30-34	0	0	0	0	0	0	0	0 0
35-39	0	0	0	0	0	0	0	0 0
40-44	0	0	0	0	0	0	0	0 0
45-49	0	0	0	0	0	3	1	0 0
50-54	0	0	0	0	0	2	4	0 6
55-59	0	0	0	0	0	0	2	1 3
60-64	0	0	0	0	0	0	0	0 0
65+	0	0	0	0	0	0	Õ	o o
ALL	0	0	0	0	Ò	<i>5</i>	Ž	1 13

AVERAGE ANNUAL EARNINGS

_	Years of Service								
Age	<u><1</u>	1-4	<u>5-9</u>	10-14	<u>15-19</u>	20-24	<u>25-29</u>	<u> 30+</u>	ALL
<25	0	0	0	0	0	0	0	0	0
25-29	0	0	0	0	0	0	0	Ö	Ö
30-34	0	0	0	0	0	0	0	0	0
35-39	0	0	0	0	0	0	0	0	0
40-44	0	0	0	0	0	0	0	0	0
45-49	0	0	0	0	0	45,785	42,481	Ō	44,959
50-54	0	0	0	0	0	40,013	43,520	0	42,351
55-59	0	0	0	0	0	0	41,490	56,287	46,422
60-64	0	0	0	0	0	0	0	0	0
65+	0	0	0	0	0	0	0	0	0
ALL	0	0	0	0	0	43,476	42,792	56,287	44,092

_	P	RIOR FISC	CAL YEAR	EARNING	S (IN DOL	LARS) BY	YEARS O	F SERVI	CE
<u>Age</u>	<u>≤1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	25-29	30+	ALL
All	0	0	. 0	0	0	217,380	299,544	56,287	 573,196

ST. CLOUD FIRE CONSOLIDATION ACCOUNT

SERVICE RETIREMENTS AS OF JUNE 30, 1996

W 787 A	200	
YEA	KN.	RETIRED

				. —				
<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	<u>20-24</u>	<u>25</u> +	ALL
<50	0	0	0	0	0	0	0	0
50-54	0	0	0	0	0	0	0	0
55-59	2	0	1	0	0	0	٥	2
60-64	1	2	2	ő	0	ő	0	5
	0	•			•	-		
65-69	U	1	U	4	2	0	0	7
70-74	0	0	3	2	1	4	1	11
75-79	0	0	0	0	0	1	0	
80-84	0	0	0	0	0	0	1	į
85+	0	0	0	0	0	0	1	1
ALL	3 3	3	6	6	3	5	3	29

AVERAGE ANNUAL BENEFIT

YEARS RETIRED

<u>Age</u>	≤1	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	<u> 20-24</u>	<u>25+</u>	<u>ALL</u>
<50	0	0	0	0	0	0	0	0
50-54	0	0	0	0	0	0	0	0
55-59	40,672	0	21,819	0	0	0	0	34,388
60-64	45,029	31,351	21,018	0	0	0	0	29,953
65-69	0	39,138	0	23,378	22,943	0	0	25,505
70-74	0	0	34,611	24,395	22,653	22,652	20,910	26,072
75-79	0	0	0	0	0	24,395	0	24,395
80-84	0	0	0	0	0	0	22,653	22,653
85+	0	0	0	0	0	0	18,587	18,587
ALL	42,124	33,947	27,948	23,717	22,846	23,001	20,717	27,031

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS RETIRED

_								
<u>Age</u>	<u><1</u>	<u>1-4</u>	5-9	<u>10-14</u>	15-19	20-24	25+	ALL
All	126,372	101,841	167,688	5,7536; 650; 604ut 200,409uu 2000u	68,538	Produced percept security and server	62,151	

ST. CLOUD FIRE CONSOLIDATION ACCOUNT

SURVIVORS AS OF JUNE 30, 1996

YEARS SINCE DEATH

					CL DEILLI	-		
<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	10-14	<u> 15-19</u>	20-24	25+	ALL
<50	0	0	1	0	0	0	0	
50-54	0	1	0	0	0	0	0	1
55-59	0	0	0	0	0	0	0	0
60-64	0	0	0	0	1	0	0	Ī
65-69	0	0	2	1	0	0	0	3
70-74	0	0	0	0	0	0	0	0
75-79	0	0	0	0	0	0	0	0
80-84	0	0	0	0	0	0	0	0
85+	0	0	0	0	0	0	3	3
ALL	0	1	3	1	1	0	3	9

AVERAGE ANNUAL BENEFIT

YEARS SINCE DEATH

				_				
<u>Age</u>	<u>≤1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	<u>25+</u>	ALL
<50	0	0	13,940	0	0	0	0	13,940
50-54	0	12,324	0	0	0	0	0	12,324
55-59	0	0	0	0	0	0	0	0
60-64	0	0	0	0	13,940	0	0	13,940
65-69	0	0	13,940	13,940	0	0	0	13,940
70-74	0	0	0	0	0	0	0	0
75-79	0	0	0	0	0	0	0	0
80-84	0	0	0	0	0	0	0	0
85+	0	0	0	0	0	0	13,940	13,940
ALL	0	12,324	13,940	13,940	13,940	0	13,940	13,760

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS SINCE DEATH

-						, 		
<u>Age</u>	<u>≤1</u>	<u>1-4</u>	5-9	10-14	15-19	20-24	25+	ATI
All	. 0	12,324	41,820	13,940	13,940	0	41.820	123.840

ST. CLOUD FIRE CONSOLIDATION ACCOUNT

DISABILITY RETIREMENTS AS OF JUNE 30, 1996

YEARS DISABLED

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	15-19	<u>20-24</u>	<u>25+</u>	ALL
<50	0	0	0	0	0	0	0	0
50-54	0	0	0	0	0	0	0	0
55-59	0	1	0	0	0	0	0	
60-64	0	0	0	0	0	0	ő	Ô
65-69	0	0	0	0	0	0	0	- 1
70-74	0	0	0	0	0	0	0	0
75-79	0	0	0	0	0	0	0	0
80-84	0	0	0	0	0	0	0	0
85+	0	0	0	0	0	0	0	0
ALL	0	1	0	0	0	0	0	

AVERAGE ANNUAL BENEFIT

YEARS DISABLED

<u>Age</u>	<u><1</u>	1-4	5-9	10-14	<u>15-19</u>	<u>20-24</u>	<u>25+</u>	<u>ALL</u>
<50	0	0	0	0	0	0	0	0
50-54	0	0	0	0	0	0	0	0
55-59	0	20,252	0	0	0	0	0	20,252
60-64	0	0	0	0	0	0	0	0
65-69	0	0	0	0	0	0	0	0
70-74	0	0	0	0	0	0	0	0
75-79	0	0	0	0	0	0	0	0
80-84	0	0	0	0	0	0	0	0
85+	0	0	0	0	0	0	0	0
ALL	0	20,252	0	0	0	0	0	20,252

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS DISABLED

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	10-14	<u>15-19</u>	20-24	25+	ALL
All	0	20,252	0	0	0	0	0	20,252

Reconciliation Of Members

			Termin	nated
			Deferred	Other
		Actives	Retirement	Non-Vested
A.	ON JUNE 30, 1995	16	0	0
B.	ADDITIONS	0	0	0
C.	DELETIONS			
	1. Service Retirement	(3)	0	0
	2. Disability	0	0	0
	3. Death-Survivor	0	0	0
	4. Death-Other	0	0	0
	5. Terminated - Deferred6. Terminated - Refund	0	0	0
	7. Terminated - Refund 7. Terminated - Other Non-Vested	0	0	0
	8. Returned as Active	0	0	0
	o. Returned as Active	0	0	0
D.	DATA ADJUSTMENTS	0	0	0
	Vested	13		
	Non-Vested	0		
E.	TOTAL ON JUNE 30, 1996	13	0	0
			Recipients	
		Retirement		
		Annuitants	Disabled	Survivors
A.	ON JUNE 30, 1995	26	1	9
В.	ADDITIONS	3	0	0
C.	DELETIONS			
	1. Service Retirement	0	0	0
	2. Death	0	0 0	0
	3. Annuity Expired	0	0	0
	4. Returned as Active	ŏ	0	0
D.	DATA ADJUSTMENTS	0	0	0
E.	TOTAL ON JUNE 30, 1996	29	1	9
			_	

Actuarial Balance Sheet

(actual dollars)

A.	CURRENT ASSETS (1.45% of Table 1, F6)		\$10,951,530
В.	EXPECTED FUTURE ASSETS		
	 Present Value of Employee Contributions Present Value of Regular Municipal Contributions Present Value of Additional Municipal Contributions Total Expected Future Assets 		\$318,368 477,551 3,650,076 \$4,445,995
C.	TOTAL CURRENT AND EXPECTED FUTURE ASSETS		\$15,397,525
D.	CURRENT PENSION BENEFIT OBLIGATIONS		
	 Retirees and Beneficiaries Currently Receiving Benefits and Terminated Employees Not Yet Receiving Benefits 		\$10,798,271
	2. Current Employees		
	 a. Accumulated Employee Contributions Including Allocated Investment Income* b. Employer-Financed Vested c. Employer-Financed Nonvested 	\$624,735 2,954,351 0	
	d. Total		\$3,579,086
	3. Total Pension Benefit Obligation		\$14,377,357
E.	EXPECTED FUTURE PENSION BENEFIT OBLIGATION		\$1,020,168
F.	TOTAL CURRENT AND EXPECTED FUTURE PENSION BENEFIT OBLIGATION		\$15,397,525
G.	CURRENT UNFUNDED ACTUARIAL LIABILITY (D3-A)		\$3,425,827
H.	CURRENT AND FUTURE UNFUNDED ACTUARIAL LIABIN	LITY (F-C)	\$0
*Es	timated		

Entry Age Normal Cost Calculations

(actual dollars)

JULY 1, 1996

		Number of Participants	Present Value of Projected Benefits	Actuarial Accrued Liabilities
A.	DETERMINATION OF ACTUARIAL ACCRUED LIABILITY (AAL)			
	1. Active Members			
	a. Elected PERA Police and Fire	10	\$3,528,306	\$2,933,235
	b. No Election (Greater Value)	3	1,070,948	886,084
	c. Total	13	\$4,599,254	\$3,819,319
	2. Former Members			
	a. Elected PERA Police and Fire	0	0	\$0
	b. No Election (Greater Value)	0	0	0
	c. Total	0	\$0	\$0
	3. Benefit Recipients			
	a. Elected PERA Police and Fire*	35	\$9,218,367	\$9,218,367
	b. Elected Relief Association	4	1,579,904	1,579,904
	c. Total	39	\$10,798,271	\$10,798,271
	4. Total			
	a. Elected PERA Police and Fire*	45	\$12,746,673	\$12,151,602
	b. Elected Relief Association	4	1,579,904	1,579,904
	c. No Election (Greater Value)	3	1,070,948	886,084
	d. Total	52	\$15,397,525	\$14,617,590
B.	DETERMINATION OF UNFUNDED A	ACTUARIAL ACC	RUED LIABILITY	(UAAL)
	1. AAL (A4)			\$14,617,590
	2. Current Assets (1.45% of Table 1,F6)			10,951,530
	3. UAAL (B1-B2)			\$3,666,060
C.	NORMAL COST			\$114,333

* Includes MPRIF Reserves of \$8,580,005

Net Actuarial Loss (Gain)

(actual dollars)

A.	ACTUARIAL PRESENT VALUE OF PROJECTED BENEFITS (Table 9-084) 1. Elected PERA Police and Fire 2. Elected Relief Association 3. No Election (Greater Value) 4. Total	\$12,746,673 1,579,904 1,070,948 \$15,397,525
B.	PRESENT VALUE OF FUTURE EMPLOYEE CONTRIBUTIONS	
	1. Elected PERA Police and Fire	\$244,454
	2. No Election (Greater Value)	\$73,914
	3. Total	\$318,368
C.	PRESENT VALUE OF FUTURE REGULAR MUNICIPAL CONTRIBUTIONS 1. Elected PERA Police and Fire	
	2. No Election (Greater Value)	\$366,681
	3. Total	\$110,870
	- Total	\$477,551
D.	CURRENT VALUE OF TOTAL ASSETS (1.45% of Table 1, F6)	\$10,951,530
E.	PRESENT VALUE OF FUTURE ADDITIONAL MUNICIPAL CONTRIBUTION	ONS
	1. Initial contribution - Amortized Through December 31, 2010	\$5,498,267
	2. 15 year amortization of prior years' loss (gain)	(1,754,368)
	(Table 11, B.2.b + B.2.c + B.2.d + B.2.e+B.2.f + B.2.g + B.2.h)	
	3. Total	\$3,743,898
E	LOGG (CARD IA D.C.D.E.)	
F.	LOSS (GAIN) [A-B-C-D-E]	(\$93,822)
G.	ANALYSIS OF LOSS (GAIN)	
٠.	1. MPRIF Mortality	672 (00
	2. PERA Benefit Election	\$73,600
	3. Additional Contributions Made	0
	4. Other	(167,422)
	5. Total	(\$93,822)
~-	= 	
H.	15 YEAR AMORTIZATION OF LOSS (GAIN)	(10,847)

Determination of Statutory Contributions

(actual dollars)

JULY 1, 1996

				Percent of Payroll	Dollar Amount
A.	EMPLOYE	EE CONTRIBUTIONS		7.60%	\$43,564 *
В.		ER CONTRIBUTIONS justment For State Aid)			
	1. Regular	municipal contribution		11.40%	\$65,346 *
	2. Addition	nal municipal contribution			
		Date	Current	Last	Payment
		Established	Balance	Payment	Amount**
	a.	Initial	\$5,498,267	12/31/2010	\$635,640
	Ъ.	07/01/88	\$0	12/31/2002	\$0
	c.	07/01/89	\$0	12/31/2003	\$0
	đ.	07/01/90	(\$1,507,472)	12/31/2004	(\$236,510)
	e.	07/01/91	\$876,049	12/31/2005	\$128,180
	f.	07/01/92	(\$878,695)	12/31/2006	(\$121,047)
	g.	07/01/93	\$68,717	12/31/2007	\$8,982
	h.	07/01/94	(\$222,430)	12/31/2008	(\$27,765)
	i.	07/01/95	(\$90,536)	12/31/2009	(\$10,851)
	j.	07/01/96	(\$93,822)	12/31/2010	(\$10,847)
	k.	Total	\$3,650,076		\$365,782

C. ESTIMATED TOTAL STATUTORY CONTRIBUTION

\$474,692

^{*} Estimated based on prior years' payroll

^{**} Contribution is assumed to be paid on December 31, 1996

ST. LOUIS PARK FIRE CONSOLIDATION ACCOUNT ACTIVE MEMBERS AS OF JUNE 30, 1996

Vears	AF C	amila.
1 124 1 5		PEVILLE

_								
Age	<u><1</u>	<u>1-4</u>	<u>5-9</u>	10-14	<u>15-19</u>	<u>20-24</u>	25-29	30+ ALL
<25	0	0	0	0	0	0	0	0 0
25-29	0	0	0	0	0	0	0	0 0
30-34	0	0	0	0	0	0	0	0 0
35-39	0	0	0	0	0	0	0	0 0
40-44	0	0	0	0	2	0	n	0 2
45-49	0	0	0	0	3	1	0	0 4
50-54	0	0	0	0	1	2	1	0 4
55-59	0	0	0	0	0	0	2	0 2
60-64	0	0	0	0	0	0	0	0 0
65+	0	0	0	0	0	0	0	0
ALL	0	0	0	0	6	(100 m 1041 3 0	11.00 mm	0 12

AVERAGE ANNUAL EARNINGS

Years of Service

_								
Age	≤1	<u>1-4</u>	<u>5-9</u>	10-14	<u>15-19</u>	<u>20-24</u>	25-29	<u>30+</u> <u>ALL</u>
<25	0	0	0	0	0	0	0	0 0
25-29	0	0	0	0	0	0	0	0 0
30-34	0	0	0	0	0	0	0	0 0
35-39	0	0	0	0	0	0	0	0 0
40-44	0	0	0	0	56,074	0	0	0 56,074
45-49	0	0	0	0	57,039	58,050	0	0 57,292
50-54	0	0	0	0	49,306	59,686	47,814	0 54,123
55-59	0	0	0	0	0	0	53,405	0 53,405
60-64	0	0	0	0	0	0	0	0 0
65+	0	0	0	0	0	0	0	0 0
ALL	0	0	0	0	55,429	59,141	51,541	0 55,384

PRIOR FISCAL YEAR EARNINGS (IN DOLLARS) BY YEARS OF SERVICE

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	10-14	15-19	20-24	25-29	30+	LL
			(310 Partir 9,0 <u>2</u>)			to suppose period	t egned eseggene i s agt om so		1/2002000
All	\mathbf{v}		U	0	332,574	177,423	154.623	0 60	4.608

ST. LOUIS PARK FIRE CONSOLIDATION ACCOUNT

SERVICE RETIREMENTS AS OF JUNE 30, 1996

VE	A	DC	RETIRED
I C	н	$\mathbf{c}_{\mathbf{n}}$	KETIKED

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	10-14	<u>15-19</u>	20-24	25+	ALL
<50	0	0	0	0	0	0		
50-54	0	1	0	0	0	Ĭ	0	2
55-59	0	0	1	0	0	0	0	1
60-64	1	0	1	ő	ő	0	0	2
65-69	0	0	2	0	0	1	0	3
70-74	0	0	0	0	1	1	0	2
75-79	0	0	0	0	0	1	0	1
80-84	0	0	0	0	1	Ô	0	Augusta Assart Co.
85+	0	0	0	0	0	ŏ	ñ	1
ALL	1	1	4	0	2	4	. 0	12

AVERAGE ANNUAL BENEFIT

YEARS RETIRED

				_				
Age	<u><1</u>	1-4	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	25+	ALL
<50	0	0	0	0	0	0		0
50-54	0	21,683	0	0	0	21,683	0	21,683
55-59	0	0	22,551	0	0	0	0	22,551
60-64	39,143	0	22,451	0	Ō	ő	ő	30,797
65-69	0	0	27,165	0	0	21,683	0	25,338
70-74	0	0	0	0	23,418	24,849	0	24,134
75-79	0	0	0	0	0	23,852	0	23,852
80-84	0	0	0	0	26,020	0	0	26,020
85+	0	0	0	0	0	Ö	Õ	20,020
ALL	39,143	21,683	24,833	0	24,719	23,017	0	25,139

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS RETIRED

				`		,		
Age	< 1	1_4	50	10 14	15 10			
		1-4	J-7	10-14	17-19	20-24	254	A CONTRACTOR AND A STATE OF THE CONTRACTOR OF TH
247					17 17	<u> 40-4-</u>	23	ALL
4 44 4		하는 사람이는 그 보면 얼마 아버지나야		2840 200 200 200 000 000 000 000 000 000 0	and the first control of the first control of the second control o			(4.60 to 1.60
Δ11	30 143	31 (0)	00 222					graph and the first property of the second property of the second of the second of the second of the second of
4 2 1 6	J7.14J	21,683	99,332	Stitue Nichtster ein der Litte 🕯 🖼	49,438	92,068		Section Sand Prairie
A 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	99.79 (99.56) (60.50) (7.76) (8.76)	하시아, 사람들은 전투자로 주는 사용하				72.000		301.668

ST. LOUIS PARK FIRE CONSOLIDATION ACCOUNT

SURVIVORS AS OF JUNE 30, 1996

YEARS SINCE DEATH

-								
<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	<u>20-24</u>	25+	ALL
<50	0	0	0	0	0	0		0
50-54	0	0	0	0	0	0	0	0
55-59	0	0	0	0	n	1	0	
60-64	0	0	ì	0	0	1	0	1
65-69	0	0	1	1	0		•	2
70-74	Ô	0	2	0	1	0	U	2
	-	Ů	2	U	1	2	U	5
75-79	0	0	0	0	1	0	0	1
80-84	0	0	0	0	0	0	Ô	0
85+	0	0	0	0	0	0	1	
ALL	0	0	4	1	2	4	1	12

AVERAGE ANNUAL BENEFIT

YEARS SINCE DEATH

<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	10-14	<u>15-19</u>	<u>20-24</u>	25+	ALL
<50	0	0	0	0	0	0	0	0
50-54	0	0	0	0	0	0	0	0
55-59	0	0	0	0	0	17,347	0	17,347
60-64	0	0	17,347	0	0	17,347	0	17,347
65-69	0	0	17,347	17,347	0	0	0	17,347
70-74	0	0	17,347	0	17,347	17,347	0	17,347
75-79	0	0	0	0	19,490	0	0	19,490
80-84	0	0	0	0	0	0	ő	, , , ,
85+	0	0	0	0	0	0	12,259	12,259
ALL	0	0	17,347	17,347	18,419	17,347	12,259	17,102

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS SINCE DEATH

						,		
<u>Age</u>	<u><1</u>	1-4	5-9	10-14	15-19	20-24	25±	ATT
All	0	0	69,388	17,347	36,838	69,388	12,259	205.224

ST. LOUIS PARK FIRE CONSOLIDATION ACCOUNT

DISABILITY RETIREMENTS AS OF JUNE 30, 1996

YEARS DISABLED

<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	<u>20-24</u>	25+ ALL
<50	0	0	1	0	0	0	0 1
50-54	0	0	0	0	0	0	0 0
55-59	0	1	0	0	0	0	0 1
60-64	0	0	0	0	ő	0	0 0
65-69	0	0	0	0	0	0	0 0
70-74	0	0	0	0	0	0	0 0
75-79	0	0	0	0	0	0	0 0
80-84	0	0	0	0	0	0	0 0
85+	0	0	0	0	0	0	0 0
ALL	0		1	0	0	0	0 2

AVERAGE ANNUAL BENEFIT

YEARS DISABLED

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	<u>20-24</u>	25+	ALL
<50	0	0	21,683	0	0	0	0	21,683
50-54	0	0	0	0	0	0	ō	0
55-59	0	38,397	0	0	0	0	0	38,397
60-64	0	0	0	0	0	0	0	0
65-69	0	0	0	0	0	0	n	0
70-74	0	0	0	0	0	ō	ŏ	0
75-79	0	0	0	0	0	0	0	n
80-84	0	0	0	0	0	Ô	Ô	ň
85+	0	0	0	0	0	0	0	Ó
ALL	0	38,397	21,683	0	0	0	0	30.040

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS DISABLED

-				`				
<u>Age</u>	<u><1</u>	1-4	5-9	10-14	15-19	20-24	25+	ΔΤΪ
All	0	38,397	21,683	0	0	0	<u>25.</u> 0	60.080

Reconciliation Of Members

			Termin	ated
		Actives	Deferred Retirement	Other Non-Vested
A.	ON JUNE 30, 1995	14	1	0
B.	ADDITIONS	0	1	0
C.	DELETIONS 1. Service Retirement 2. Disability 3. Death-Survivor 4. Death-Other 5. Terminated - Deferred 6. Terminated - Refund 7. Terminated - Other Non-Vested 8. Returned as Active	(1) 0 0 0 (1) 0 0	0 (1) 0 0 0 0 0	0 0 0 0 0 0
D.	DATA ADJUSTMENTS	0	0	0
	Vested Non-Vested	12 0		
E.	TOTAL ON JUNE 30, 1996	12	1	0
		Retirement Annuitants	Recipients Disabled	Survivors
A.	ON JUNE 30, 1995	11	1	12
В.	ADDITIONS	1	1	0
C.	DELETIONS 1. Service Retirement 2. Death 3. Annuity Expired 4. Returned as Active	0 0 0 0	0 0 0 0	0 0 0 0
D.	DATA ADJUSTMENTS	0	0	0
E.	TOTAL ON JUNE 30, 1996	12	2	12

Actuarial Balance Sheet

(actual dollars)

A.	CURRENT ASSETS (1.58% of Table 1, F6)		\$11,912,177
В.	EXPECTED FUTURE ASSETS		
	 Present Value of Employee Contributions Present Value of Regular Municipal Contributions Present Value of Additional Municipal Contributions Total Expected Future Assets 		\$487,073 730,609 260,383 \$1,478,065
C.	TOTAL CURRENT AND EXPECTED FUTURE ASSETS	\$13,390,242	
D.	CURRENT PENSION BENEFIT OBLIGATIONS		
	Retirees and Beneficiaries Currently Receiving Benefits and Terminated Employees Not Yet Receiving Benefits		\$8,650,592
	2. Current Employees		
	 a. Accumulated Employee Contributions Including Allocated Investment Income* b. Employer-Financed Vested c. Employer-Financed Nonvested d. Total 	\$621,711 2,264,943 328,801	\$3,215,455
	3. Total Pension Benefit Obligation		\$11,866,047
E.	EXPECTED FUTURE PENSION BENEFIT OBLIGATION		\$1,524,195
F.	TOTAL CURRENT AND EXPECTED FUTURE PENSION BENEFIT OBLIGATION		\$13,390,242
G.	CURRENT UNFUNDED ACTUARIAL LIABILITY (D3-A)		(\$46,130)
H.	CURRENT AND FUTURE UNFUNDED ACTUARIAL LIAB	ILITY (F-C)	\$0
*Es	stimated		

Entry Age Normal Cost Calculations

(actual dollars)

		Number of Participants	Present Value of Projected Benefits	Actuarial Accrued Liabilities
A.	DETERMINATION OF ACTUARIAL ACCRUED LIABILITY (AAL)			
	1. Active Members			
	a. Elected PERA Police and Fire	5	\$2,078,039	\$1,737,024
	b. No Election (Greater Value)	7	2,661,611	1,747,776
	c. Total	12	\$4,739,650	\$3,484,800
	2. Former Members			
	 a. Elected PERA Police and Fire 	0	0 .	\$0
	b. No Election (Greater Value)	1	502,071	502,071
	c. Total	1	\$502,071	\$502,071
	3. Benefit Recipients			
	a. Elected PERA Police and Fire*	7	\$1,942,189	\$1,942,189
	b. Elected Relief Association	19	6,206,332	6,206,332
	c. Total	26	\$8,148,521	\$8,148,521
	4. Total			
	a. Elected PERA Police and Fire*	12	\$4,020,228	\$3,679,213
	b. Elected Relief Association	19	6,206,332	6,206,332
	c. No Election (Greater Value)	8	3,163,682	2,249,847
	d. Total	39	\$13,390,242	\$12,135,392
В.	DETERMINATION OF UNFUNDED A	CTUARIAL ACCI	RUED LIABILITY	(UAAL)
	1. AAL (A4)			\$12,135,392
	2. Current Assets (1.58% of Table 1,F6)			11,912,177
	3. UAAL (B1-B2)			\$223,215
C.	NORMAL COST			\$139,267

Net Actuarial Loss (Gain) (actual dollars)

A.	ACTUARIAL PRESENT VALUE OF PROJECTED BENEFITS (Table 9-087) 1. Elected PERA Police and Fire 2. Elected Relief Association 3. No Election (Greater Value) 4. Total	\$4,020,228 6,206,332 3,163,682 \$13,390,242
В.	PRESENT VALUE OF FUTURE EMPLOYEE CONTRIBUTIONS	
	1. Elected PERA Police and Fire	\$135,588
	2. No Election (Greater Value)	\$351,485
	3. Total	\$487,073
	-	<u> </u>
C.	PRESENT VALUE OF FUTURE REGULAR MUNICIPAL CONTRIBUTIONS	Į.
	1. Elected PERA Police and Fire	\$203,382
	2. No Election (Greater Value)	\$527,227
	3. Total	\$730,609
	_	4130,003
D.	CURRENT VALUE OF TOTAL ASSETS (1.58% of Table 1, F6)	\$11,912,177
E.	PRESENT VALUE OF FUTURE ADDITIONAL MUNICIPAL CONTRIBUTION	MC
	1. Initial contribution - Amortized Through December 31, 2010	\$2,819,215
	2. 15 year amortization of prior years' loss (gain)	(1,844,926)
	(Table 11, B.2.b + B.2.c + B.2.d + B.2.e+B.2.f + B.2.g + B.2.h)	(1,044,920)
	3. Total	\$074.200
		\$974,290
F.	LOSS (GAIN) [A-B-C-D-E]	(\$713,907)
G	ANALVEICOELOCC (CARD	
G.	ANALYSIS OF LOSS (GAIN)	
	1. MPRIF Mortality	\$14,052
	2. PERA Benefit Election	(20,381)
	3. Additional Contributions Made	(1,328)
	4. Other	(706,250)
	5. Total	(\$713,907)
H.	15 YEAR AMORTIZATION OF LOSS (GAIN)	(82,533)

Determination of Statutory Contributions

(actual dollars)

JULY 1, 1996

				Percent of Payroll	Dollar Amount
A.	EMPLOYI	EE CONTRIBUTIONS		7.60%	\$50,511 *
В.		ER CONTRIBUTIONS ljustment For State Aid)			
	1. Regular	municipal contribution		11.40%	\$75,767 *
	2. Addition	nal municipal contribution			
		Date	Current	Last	Payment
	-	Established	Balance	Payment	Amount**
	a.	Initial	\$2,819,215	12/31/2010	\$325,922
	b.	07/01/88	\$0	12/31/2002	\$0
	c.	07/01/89	\$0	12/31/2003	\$0
	d.	07/01/90	(\$323,465)	12/31/2004	(\$50,749)
	e.	07/01/91	\$60,089	12/31/2005	\$8,792
	f.	07/01/92	(\$689,290)	12/31/2006	(\$94,955)
	g.	07/01/93	\$144,357	12/31/2007	\$18,869
	h.	07/01/94	(\$385,633)	12/31/2008	(\$48,137)
	i.	07/01/95	(\$650,983)	12/31/2009	(\$78,022)
	j.	07/01/96	(\$713,907)	12/31/2010	(\$82,533)
	k.	Total	\$260,383		(\$813)

C. ESTIMATED TOTAL STATUTORY CONTRIBUTION

\$125,465

^{*} Estimated based on prior years' payroll

^{**} Contribution is assumed to be paid on December 31, 1996

ST. LOUIS PARK POLICE CONSOLIDATION ACCOUNT ACTIVE MEMBERS AS OF JUNE 30, 1996

Years	of Se	Trico
1 Cais	111 32	

				10	ara or serai	CC		
<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	25-29	30+ ALL
<25	0	0	0	0	0	n	0	
25-29	0	0	0	0	0	0	ő	0 0
30-34	0	0	0	0	0	0	n	^
35-39	0	0	0	0	ō	0	0	0 0
40-44	0	0	0	0	2	1	n	0 2
45-49	0	0	0	0	1	4	3	0 3 0 8
50-54	0	0	0	0	0	3	6	1 10
55-59	0	0	0	0	Ő	ő	0	0 0
60-64	0	0	0	0	0	0	1	0 1
65+	0	0	0	0	0	Ö	0	0 0
ALL	0	0	0	0	3	···. 8	10	1 22

AVERAGE ANNUAL EARNINGS

Years of Service

				102	II DO DELAT	CE		
<u>Age</u>	<u>≤1</u>	1-4	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	<u>20-24</u>	25-29	<u>30+</u> <u>ALL</u>
<25	0	0	0	0	0	0	0	0 0
25-29	0	0	0	0	0	0	0	0 0
30-34	0	0	0	0	0	0	0	0 0
35-39	0	0	0	0	0	0	0	0 0
40-44	0	0	0	0	51,900	53,086	0	0 52,295
45-49	0	0	0	0	49,034	52,775	56,526	0 53,714
50-54	0	0	0	0	0	57,295	53,513	55,026 54,799
55-59	0	0	0	0	0	0	0	0
60-64	0	0	0	0	0	0	58,684	0 58,684
65+	0	0	0	0	0	0	0	0 0
ALL	0	0	0	0	50,945	54,509	54,934	55,026 54,239

PRIOR FISCAL YEAR EARNINGS (IN THOUSANDS) BY YEARS OF SERVICE

Age	<1	1-4	5-9	10-14	15-19	20-24	25-29	30+ ATT
	ty contribution in the eye of the	- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1		er of the terms	<u> </u>	<u> </u>	<u> 23-27</u>	TOI TIE
All.	ስ	Λ	n	^	162	176	540	7.00
7.41	e e sa historial elistet Karte de	·		erreen gried i 🗸 🗸	153	430	349	55 1,193

ST. LOUIS PARK POLICE CONSOLIDATION ACCOUNT

SERVICE RETIREMENTS AS OF JUNE 30, 1996

VEA	29	RETIRED
	CA	REILKED

<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	25+	ALL
<50	0	0	0	0	0	0		n .
50-54	1	0	0	0	0	0	0	Ĭ
55-59	0	0	2	0	0	0	0	2
60-64	1	1	2	0	1	1	0	6
65-69	0	1	0	3	4	1	0	9
70-74	0	0	0	0	2	2	Ö	4
75-79	0	0	0	1	0	0	٥	1
80-84	0	0	0	0	0	1	0	
85+	0	0	0	0	0	0	0	0
ALL	2	2,	4	4	7	5	0	24

AVERAGE ANNUAL BENEFIT

YEARS RETIRED

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	10-14	<u>15-19</u>	20-24	25+ ALL
<50	0	0	0	0	0	0	0
50-54	11,035	0	0	0	0	0	0 11,035
55-59	0	0	22,133	0	0	0	0 22,133
60-64	41,734	38,491	27,661	0	24,517	24,517	0 30,764
65-69	0	47,888	0	22,984	24,346	24,517	0 26,527
70-74	0	0	0	0	22,972	25,879	0 24,426
75-79	0	0	0	28,604	0	0	0 28,604
80-84	0	0	0	0	0	23,836	0 23,836
85+		0	0	0	0	0	0 23,000
ALL	26,385	43,190	24,897	24,389	23,978	24,926	0 26.199

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS RETIRED

						,		
A no	-1	1.4		10.11				
<u>Age</u>	<u>>1</u>	<u>1-4</u>	5-9	10-14	15-19	20-24	25+	ATT
	radioala Pitti erekskiji	\$\$\$6.595TPs.35 Bulletin in Ja	A 1999 - Marculation of the Control	000 000,000,000 00 00 00 00 00 00 00 00	5.5056 5.5056 1.5056 1.	<u>=v = :</u>	<u>25 (</u>	
All	52 770	86.380	99,588	97,556	1/704/	101/00		
		00,560	77,200	71,330	167,846	124,630	- 0	628,776

ST. LOUIS PARK POLICE CONSOLIDATION ACCOUNT

SURVIVORS AS OF JUNE 30, 1996

YEARS SINCE DEATH

<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	25+	ALL
<50	0	0	0	0	0			
50-54	0	0	0	0	0	ő	0	0
55-59	0	0	0	0	Λ	0	•	
	-		v	U	U	U	U	0
60-64	0	1	1	1	0	0	0	3
65-69	0	0	0	0	2	2	1	
70-74	0	0	0	0	0	0	0	9
75-79	0	0	0	0	Λ	^		0
	_	-	•	v	U	v	U	U
80-84	U	0	0	0	0	0	1	1
85+	0	0	0	1	0	ő	0	
ALL	0		1	2	2	2	2	10

AVERAGE ANNUAL BENEFIT

YEARS SINCE DEATH

<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	<u>25+</u>	ALL
<50	0	0	0	0	0	0		
50-54	0	0	0	0	0	0	ő	ŏ
55-59	0	0	0	0	0	n	n	^
60-64	0	9,445	11,831	13,029	Ö	0	0	11,435
65-69	0	0	0	0	12,644	12,860	11,019	12,405
70-74	0	0	0	0	0	0	0	12,405
75-79	0	0	0	0	0	0	0	Λ
80-84	0	0	0	Ô	Õ	0	11,019	11,019
85+	0	0	0	12,259	Ö	0	0	12,259
ALL	0	9,445	11,831	12,644	12,644	12,860	11.019	11.961

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS SINCE DEATH

								 .	
<u>Age</u>	<u><1</u>	<u>1-4</u>	5-9	10-14	15-19	20-24	25+	ΔΙΙ	
All	0	9.445	11.831	25,288	25,288	25,720	22.028	140.6	10
		State of the second control of		**************************************	23,200	23,720	22,038	119,6	IU :

ST. LOUIS PARK POLICE CONSOLIDATION ACCOUNT

DISABILITY RETIREMENTS AS OF JUNE 30, 1996

YEARS DISABLED

<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	10-14	15-19	20-24	25+	ALL
<50	0	2	0	0	1	0	0	3
50-54	0	0	0	0	0	Ō	Õ	0
55-59	0	0	0	0	0	0	O	0
60-64	0	0	0	0	0	ő	0	0
65-69	0	0	0	0	0	0	O	0
70-74	0	0	0	0	0	Ō	Ŏ	0
75-79	0	0	0	0	0	0	O	n
80-84	0	0	0	0	0	0	ñ	ŏ
85+	0	0	0	0	0	o	Ŏ	ŏ
ALL	0	2	0	. 0	1	0	0	3

AVERAGE ANNUAL BENEFIT

YEARS DISABLED

<u>Age</u>	<u><1</u>	1-4	5-9	10-14	<u>15-19</u>	<u>20-24</u>	<u>25+</u>	ALL
<50	0	22,875	0	0	24,517	0	0	23,422
50-54	0	0	0	0	0	0	0	0
55-59	0	0	0	0	0	0	0	0
60-64	0	0	0	0	0	0	0	0
65-69	0	0	0	0	0	0	0	0
70-74	0	0	0	0	0	0	0	0
75-79	0	0	0	0	0	0	0	0
80-84	0	0	0	0	0	0	0	0
85+	0	0	0	0	0	0	0	0
ALL	0	22,875	0	0	24,517	0	0	23,422

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS DISABLED

Δne	· <1	1 /	50	10 14	16 10	00.01		
750		1-4	3-9	10-14	17-19	20-24	25-	AIT
	_				15 17	<u> 20 27</u>	20,	ALL
7 7 7 2	the first service of the control of the	 (1) 1 (2) 1 (2) 2 (2) 1 (2) 2	NO DECEMBER OF STATE AND A SOCIOLOGICAL STATE OF SEC.	699 Carlo Hardiner Coccus a	A COLOR AND AND A STANDARD OF	Superior of the second second second		and the state of t
AII		A 16						1990-906 (No. 96 - 919 - 10 - 1916)
All	and the second of the second	U 45 /50	50,036,06,5 ₀ ,56,56,56,67, [] 7 8		7/517		Jacob (17 ti 10 filosofi i like i 🗥 🗘	70 ACC
100 to 700 to 70					47.311	. 0.000 (0.000	SOUR MARKETER DE	III Jan

Reconciliation Of Members

			Termin	nated
		Actives	Deferred Retirement	Other Non-Vested
	ON H B IF 20, 1005			INOII- V ested
A.	ON JUNE 30, 1995	25	2	0
В.	ADDITIONS	0	1	0
C.	DELETIONS			
	1. Service Retirement	(1)	(1)	0
	2. Disability	0	0	0
	3. Death-Survivor	0	0	0
	4. Death-Other	0	0	0
	5. Terminated - Deferred	(1)	0	0
	6. Terminated - Refund7. Terminated - Other Non-Vested	0	0	0
	8. Returned as Active	0	0	0
	b. Returned as Active	0	0	0
D.	DATA ADJUSTMENTS	(1)	2	0
	Vested	22		
	Non-Vested	0		
E.	TOTAL ON JUNE 30, 1996	22	4	0
			Recipients	
		Retirement Annuitants	Disabled	Survivors
A.	ON JUNE 30, 1995	25	3	7
В.	ADDITIONS	2	0	4
C.	DELETIONS			
	1. Service Retirement	0	0	0
	2. Death	(3)	ő	(1)
	3. Annuity Expired	0	ŏ	0
	4. Returned as Active	0	0	Ö
D.	DATA ADJUSTMENTS	0	0	0
E.	TOTAL ON JUNE 30, 1996	24	3	10

Actuarial Balance Sheet

(actual dollars)

A.	CURRENT ASSETS (2.78% of Table 1, F6)		\$20,947,066
В.	EXPECTED FUTURE ASSETS		
	 Present Value of Employee Contributions Present Value of Regular Municipal Contributions Present Value of Additional Municipal Contributions Total Expected Future Assets 		\$803,544 1,205,316 (2,941,771) (\$932,911)
C.	TOTAL CURRENT AND EXPECTED FUTURE ASSETS		\$20,014,155
D.	CURRENT PENSION BENEFIT OBLIGATIONS		
	 Retirees and Beneficiaries Currently Receiving Benefits and Terminated Employees Not Yet Receiving Benefits 		\$11,126,030
	2. Current Employees		
	 a. Accumulated Employee Contributions Including Allocated Investment Income* b. Employer-Financed Vested c. Employer-Financed Nonvested d. Total 	•	\$6,405,496
	3. Total Pension Benefit Obligation		\$17,531,526
E.	EXPECTED FUTURE PENSION BENEFIT OBLIGATION		\$2,482,629
F.	TOTAL CURRENT AND EXPECTED FUTURE PENSION BENEFIT OBLIGATION		\$20,014,155
G.	CURRENT UNFUNDED ACTUARIAL LIABILITY (D3-A)		(\$3,415,540)
H.	CURRENT AND FUTURE UNFUNDED ACTUARIAL LIABILITY (F-C)		\$0
*Es	timated		

St. Louis Park Police Consolidation Account

Entry Age Normal Cost Calculations

(actual dollars)

JULY 1, 1996

A.	DETERMINATION OF ACTUARIAL	Number of Participants	Present Value of Projected Benefits	Actuarial Accrued Liabilities
	ACCRUED LIABILITY (AAL)			
	1. Active Members			
	a. Elected PERA Police and Fire	21	\$8,583,654	\$6,748,671
	b. No Election (Greater Value)	1	304,471	174,719
	c. Total	22	\$8,888,125	\$6,923,390
	2. Former Members			
	a. Elected PERA Police and Fire	2	345,982	\$345,982
	b. No Election (Greater Value)	2	983,850	983,850
	c. Total	4	\$1,329,832	\$1,329,832
	3. Benefit Recipients			
	a. Elected PERA Police and Fire*	32	\$8,734,908	\$8,734,908
	b. Elected Relief Association	5	1,061,290	1,061,290
	c. Total	<u>5</u> 37	\$9,796,198	\$9,796,198
	4. Total			
	a. Elected PERA Police and Fire*	55	\$17,664,544	\$15,829,561
	b. Elected Relief Association	. 5	1,061,290	1,061,290
	c. No Election (Greater Value)	3	1,288,321	1,158,569
	d. Total	63	<u>\$20,014,155</u>	\$18,049,420
В.	DETERMINATION OF UNFUNDED A	CTUARIAL ACC	RUED LIABILITY	(UAAL)
	1. AAL (A4)			\$18,049,420
	2. Current Assets (2.78% of Table 1,F6)			20,947,066
	3. UAAL (B1-B2)			(\$2,897,646)
C.	NORMAL COST			\$238,154

* Includes MPRIF Reserves of \$7,577,160

St. Louis Park Police Consolidation Account

Net Actuarial Loss (Gain) (actual dollars)

A.	ACTUARIAL PRESENT VALUE OF PROJECTED BENEFITS (Table 9-096) 1. Elected PERA Police and Fire 2. Elected Relief Association 3. No Election (Greater Value) 4. Total	\$17,664,544 1,061,290 1,288,321 \$20,014,155
В.	PRESENT VALUE OF FUTURE EMPLOYEE CONTRIBUTIONS	
	1. Elected PERA Police and Fire	\$740 400
	2. No Election (Greater Value)	\$749,400
	3. Total	\$54,144
	-	\$803,544
C.	PRESENT VALUE OF FUTURE REGULAR MUNICIPAL CONTRIBUTIONS	2
	1. Elected PERA Police and Fire	\$1,124,100
	2. No Election (Greater Value)	\$81,216
	3. Total	\$1,205,316
	-	Ψ1,205,510
D.	CURRENT VALUE OF TOTAL ASSETS (2.78% of Table 1, F6)	\$20,947,066
E.	PRESENT VALUE OF FUTURE ADDITIONAL MUNICIPAL CONTRIBUTION	ONIC
	1. Initial contribution - Amortized Through December 31, 2010	\$3,449,002
	2. 15 year amortization of prior years' loss (gain)	(4,889,935)
	(Table 11, B.2.b + B.2.c + B.2.d + B.2.e+B.2.f + B.2.g + B.2.h)	(4,069,933)
	3. Total	(\$1,440,933)
	-	(\$1,440,755)
F.	LOSS (GAIN) [A-B-C-D-E]	(\$1,500,838)
	=	(ψ1,500,050)
G.	ANALYSIS OF LOSS (GAIN)	
	1. MPRIF Mortality	(\$410,862)
	2. PERA Benefit Election	0
	3. Additional Contributions Made	(284,192)
	4. Other	(805,784)
	5. Total	(\$1,500,838)
	=	
H.	15 YEAR AMORTIZATION OF LOSS (GAIN)	(173,508)

St. Louis Park Police Consolidation Account

Determination of Statutory Contributions

(actual dollars)

JULY 1, 1996

				Percent of Payroll	Dollar Amount
A.	EMPLOY	EE CONTRIBUTIONS		7.60%	\$90,689 *
		ER CONTRIBUTIONS ljustment For State Aid)			
	1. Regular	municipal contribution		11.40%	\$136,034 *
:	2. Addition	nal municipal contribution			
		Date	Current	Last	Payment
		Established	Balance	Payment	Amount**
	a.	Initial	\$3,449,002	12/31/2010	\$398,730
	b.	07/01/88	\$0	12/31/2002	\$0
	C.	07/01/89	\$0	12/31/2003	\$0
	d.	07/01/90	\$0	12/31/2004	\$0
	e.	07/01/91	(\$2,450,407)	12/31/2005	(\$358,534)
	f.	07/01/92	(\$1,418,361)	12/31/2006	(\$195,390)
	g.	07/01/93	(\$631,424)	12/31/2007	(\$82,534)
	h.	07/01/94	\$49,805	12/31/2008	\$6,217
	i.	07/01/95	(\$439,548)	12/31/2009	(\$52,681)
	j.	07/01/96	(\$1,500,838)	12/31/2010	(\$173,508)
	k.	Total	(\$2,941,771)		(\$457,700)
C. I	ESTIMATI	ED TOTAL STATUTORY C	ONTRIBUTION		(\$230,977)

^{*} Estimated based on prior years' payroll

^{**} Contribution is assumed to be paid on December 31, 1996

ACTIVE MEMBERS AS OF JUNE 30, 1996

Years of Service	Vear	rs of	Sem	vice
------------------	------	-------	-----	------

<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	<u>20-24</u>	25-29	<u>30+</u>	ALL
<25	0	0	0	0	0	0	0	0	0
25-29	0	0	0	0	0	0	0	0	0
30-34	0	0	0	0	0	0	0	0	0
35-39	0	0	0	0	13	0	0	0	13
40-44	0	0	0	0	38	9	0	0	47
45-49	0	1	0	0	28	59	8	0	96
50-54	0	0	0	0	3	13	19	0	35
55-59	0	0	0	0	1	5	8	13	27
60-64	0	0	0	0	0	0	1	6	
65+	. 0	0	0	0	1	0	0	0	1
ALL	0	1 · · · j	0	0	84	86	36	19	226

AVERAGE ANNUAL EARNINGS

Years of Service

						 -			
Age	<u><1</u>	<u>1-4</u>	<u>5-9</u>	10-14	<u>15-19</u>	<u>20-24</u>	<u>25-29</u>	<u>30+</u>	<u>ALL</u>
<25	0	0	0	0	0	0	0	0	0
25-29	0	0	0	0	0	0	0	0	0
30-34	0	0	0	0	0	0	0	0	0
35-39	0	0	0	0	55,555	0	0	0	55,555
40-44	0	0	0	0	54,155	52,713	0	0	53,879
45-49	0	48,571	0	0	54,680	56,198	58,897	0	55,901
50-54	0	0	0	0	52,178	54,436	55,646	0	54,899
55-59	0	0	0	0	47,098	48,851	54,945	57,093	54,560
60-64	0	0	0	0	0	0	47,303	63,517	61,201
65+	0	0	0	0	47,965	0	0	0	47,965
ALL	0	48,571	0	0	54,318	55,140	55,981	59,122	55,274

PRIOR FISCAL YEAR EARNINGS (IN THOUSANDS) BY YEARS OF SERVICE

				·	•	-			
<u>Age</u>	<u>≤1</u>	1-4	<u>5-9</u>	10-14	15-19	20-24	25-29	30+	ALL
All	0	49	0		4,563	4,742	2,015	1,123	12,492

SERVICE RETIREMENTS AS OF JUNE 30, 1996

YEARS RETIRED

<u>Age</u>	<u>≤1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	<u>25</u> +	ALL
<50	0	0	0	0	0	0	0	0
50-54	0	5	0	0	1	0	0	6
55-59	2	11	6	0	0	0	0	19
60-64	7	16	6	10	0	0	0	39
65-69	1	20	11	25	19	0	0	76
70-74	0	1	15	24	20	11	0	71
75-79	0	0	3	16	23	6	2	50
80-84	0	0	0	3	14	10	5	32
85+	0	0	0	0	1	4	5	10
ALL	10	53	41	78	78	31	12	303

AVERAGE ANNUAL BENEFIT

YEARS RETIRED

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	<u>25+</u>	ALL
<50	0	0	0	0	0	0	0	0
50-54	0	18,003	0	0	26,762	0	0	19,463
55-59	30,847	29,125	25,797	0	0	0	0	28,255
60-64	40,188	33,407	27,152	24,987	0	0	0	31,503
65-69	57,994	34,178	28,622	26,563	26,155	0	0	29,177
70-74	0	27,513	29,114	27,480	25,954	25,226	0	27,047
75-79	0	0	29,519	28,007	27,037	26,762	23,751	27,332
80-84	0	0	0	29,183	26,619	26,762	24,352	26,550
85+	0	0	0	0	26,762	26,762	26,762	26,762
ALL	40,100	31,245	28,239	27,040	26,462	26,217	25,256	28,066

TOTAL ANNUAL BENEFIT (IN THOUSANDS) BY YEARS RETIRED

4								
Age	<1	1-4	5-9	10_14	15_10	20-24	251	ATT
			<u> </u>	10-17	13-12	<u> 20-24</u>	<u>23+</u>	ALL
A 11	404			on the street of	[1] 医蒙米森氏病 计存储设施	s. Pisie, reverse carriedada de C	reneral and the second	er i fara en la fara e
All	401	1.655	1.157	2 109	2 064	217	303	9 502
		-,			2,007	014		8,503

SURVIVORS AS OF JUNE 30, 1996

YEARS SINCE DEATH

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	25+	ALL
<50	0	1	1	2	0	0		
50-54	0	0	1	0	0	ő	1	2
55-59	0	0	2	0	0	0	0	2
60-64	0	1	0	3	2	2	1	9
65-69	0	1	2	6	7	1	5	22
70-74	0	1	1	5	6	3	1	17
75-79	0	2	0	0	10	9	6	27
80-84	0	0	0	1	6	11	14	32
85+	0	1	0	0	0	3	16	20
ALL	0	7	7	17	31	29	44	135

AVERAGE ANNUAL BENEFIT

YEARS SINCE DEATH

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	25+	ALL
<50	0	9,143	14,719	10,035	0	0	0	10,983
50-54	0	0	14,719	0	0	0	14,719	14,719
55-59	0	0	14,719	0	0	0	0	14,719
60-64	0	24,606	0	13,599	13,665	13,799	13,114	14,827
65-69	0	12,695	13,917	14,719	14,187	13,186	14,398	14,242
70-74	0	12,695	14,719	14,719	14,719	14,719	14,719	14,600
75-79	0	13,650	0	0	14,507	14,467	14,099	14,340
80-84	0	0	0	14,721	13,621	14,029	14,719	14,276
85+	0	12,695	0	0	0	14,016	14,621	14,434
ALL	0	14,162	14,490	13,970	14,250	14,190	14,526	14,300

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS SINCE DEATH

						,		
A	_1	7 4	* 6					
Age	~1	1-4	5-9	10-14	15-19	20-24	25.1	- 7 Th The Court Mark Mark 1997 (1997)
	· · · · · · · · · · · · · · · · · · ·			10-17	12-12	40-24	23T	ALL
2.11			Lingua en	ig the use that have been a new control we are	ena nda pod sa hi svivinacija kravi, kravi kr	er nar rationer rationalistics which is decided as a succ		- Caralaga I. Talan aga atau ba
All	$\alpha = 0.00$	00 12/	101,430	227 400	AAT MEAN			
ale a duit in the		フフ,104	101,430	237,490	441.750	411,510	639 144	1 030 500
			and the second of the second o		4. 14. 24. 4. 7. 7. 7. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14	• • • • • • • • • • • • • • • • • • • •	シンフリエエエ	1,930,500

DISABILITY RETIREMENTS AS OF JUNE 30, 1996

YEA	2g	DIC	ARI	FD
1100	-	1/1/3	~1)	ars as

				X DAILO D				
<u>Age</u>	<u>≤1</u>	<u>1-4</u>	<u>5-9</u>	10-14	<u>15-19</u>	20-24	25+	ALL
<50	1	1	0	0	0	0	0	7
50-54	0	1	0	0	0	0	0	ī
55-59	2	2	0	0	0	0	0	4
60-64	1	0	0	0	0	0	0	1
65-69	0	1	0	0	0	0	n	1
70-74	0	0	0	0	0	0	Ö	0
75-79	0	0	0	0	0	0	Λ	Λ
80-84	0	0	. 0	0	0	0	0	0
85+	0	0	0	0	0	0	ő	0
ALL	4		0	0	0	0	0	9

AVERAGE ANNUAL BENEFIT

YEARS DISABLED

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	<u>20-24</u>	<u>25+</u>	ALL
<50	32,735	26,382	0	0	0	0	0	29,559
50-54	0	29,690	0	0	0	0	0	29,690
55-59	32,361	36,398	0	0	0	0	0	34,380
60-64	47,815	0	0	0	0	0	0	47,815
65-69	0	44,739	0	0	0	0	0	44,739
70-74	0	0	0	0	0	0	0	0
75-79	0	0	0	0	0	0	0	Ô
80-84	0	0	0	0	0	Ō	Ö	Ŏ
85+	0	0	0	0	0	0	0	Ŏ
ALL	36,318	34,721	0	0	0	0	0	35,431

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS DISABLED

-								
<u>Age</u>	<u><1</u>	1-4	5-9	10-14	15-19	20-24	25+	ΔΤΤ
All	145,272	173,605	0	0	0	0	<u>23 </u>	<u>abb</u> 318 879

Reconciliation Of Members

			Terminated		
			Deferred	Other	
		Actives	Retirement	Non-Vested	
A.	ON JUNE 30, 1995	241	1	0	
B.	ADDITIONS	0	0	0	
C.	DELETIONS 1. Service Retirement	(10)	. (1)	•	
	2. Disability	(10) (4)	(1)	0	
	3. Death-Survivor	0	0	0	
	4. Death-Other	ő	0	0	
	5. Terminated - Deferred	0	Ö	0	
	6. Terminated - Refund	(1)	0	Ö	
	7. Terminated - Other Non-Vested	0	0	0	
	8. Returned as Active	0	0	0	
D.	DATA ADJUSTMENTS	0	0	0	
	Vested	226			
	Non-Vested	0			
E.	TOTAL ON JUNE 30, 1996	226	0	0	
			Recipients		
		Retirement Annuitants	Disabled	Survivors	
A.	ON JUNE 30, 1995	302	6	135	
B.	ADDITIONS	12	4	7	
C.	DELETIONS				
	1. Service Retirement	0	0	0	
	2. Death	(10)	0	(6)	
	3. Annuity Expired	0	(1)	O O	
	4. Returned as Active	0	0	0	
D.	DATA ADJUSTMENTS	(1)	0	(1)	
E.	TOTAL ON JUNE 30, 1996	303	9	135	

Actuarial Balance Sheet

(actual dollars)

A.	CURRENT ASSETS (20.94% of Table 1, F6)		\$157,889,616
B.	EXPECTED FUTURE ASSETS		
	 Present Value of Employee Contributions Present Value of Regular Municipal Contributions Present Value of Additional Municipal Contributions Total Expected Future Assets 		\$9,272,793 13,909,191 15,579,373 \$38,761,357
C.	TOTAL CURRENT AND EXPECTED FUTURE ASSETS		\$196,650,973
D.	CURRENT PENSION BENEFIT OBLIGATIONS		
	Retirees and Beneficiaries Currently Receiving Benefits and Terminated Employees Not Yet Receiving Benefits		\$106,962,759
	2. Current Employees		
	 a. Accumulated Employee Contributions Including Allocated Investment Income* b. Employer-Financed Vested c. Employer-Financed Nonvested d. Total 	\$11,863,760 48,936,858 633,683	\$61 424 201
	d. Iotai		\$61,434,301
	3. Total Pension Benefit Obligation		\$168,397,060
E.	EXPECTED FUTURE PENSION BENEFIT OBLIGATION		\$28,253,913
F.	TOTAL CURRENT AND EXPECTED FUTURE PENSION BENEFIT OBLIGATION		\$196,650,973
G.	CURRENT UNFUNDED ACTUARIAL LIABILITY (D3-A)		\$10,507,444
H.	CURRENT AND FUTURE UNFUNDED ACTUARIAL LIAN	BILITY (F-C)	\$0
*Es	timated		

Entry Age Normal Cost Calculations

(actual dollars)

JULY 1, 1996

A.	DETERMINATION OF ACTUARIAL ACCRUED LIABILITY (AAL)	Number of Participants	Present Value of Projected Benefits	Actuarial Accrued Liabilities
	 Active Members a. Elected PERA Police and Fire b. No Election (Greater Value) c. Total 	183 43 226	\$74,547,228 15,140,986 \$89,688,214	\$56,249,754 10,504,920 \$66,754,674
	2. Former Membersa. Elected PERA Police and Fireb. No Election (Greater Value)c. Total	0 0 0	0 0 \$0	\$0 0 \$0
	 3. Benefit Recipients a. Elected PERA Police and Fire* b. Elected Relief Association c. Total 	443 4 447	\$106,212,314 <u>750,445</u> \$106,962,759	\$106,212,314 750,445 \$106,962,759
	 4. Total a. Elected PERA Police and Fire* b. Elected Relief Association c. No Election (Greater Value) d. Total 	626 4 43 673	\$180,759,542 750,445 15,140,986 \$196,650,973	\$162,462,068 750,445 10,504,920 \$173,717,433
В.	DETERMINATION OF UNFUNDED A	CTUARIAL ACC	RUED LIABILITY	(UAAL)
	 AAL (A4) Current Assets (20.94% of Table 1,F6))		\$173,717,433 157,889,616
C.	3. UAAL (B1-B2) NORMAL COST			\$15,827,817 \$2,515,798

* Includes MPRIF Reserves of \$95,992,946

Net Actuarial Loss (Gain)

(actual dollars)

A.	ACTUARIAL PRESENT VALUE OF PROJECTED BENEFITS (Table 9-163) 1. Elected PERA Police and Fire 2. Elected Relief Association 3. No Election (Greater Value) 4. Total	\$180,759,542 750,445 15,140,986 \$196,650,973
B.	PRESENT VALUE OF FUTURE EMPLOYEE CONTRIBUTIONS 1. Elected PERA Police and Fire 2. No Election (Greater Value) 3. Total	\$7,466,625 \$1,806,168 \$9,272,793
C.	PRESENT VALUE OF FUTURE REGULAR MUNICIPAL CONTRIBUTIONS 1. Elected PERA Police and Fire 2. No Election (Greater Value) 3. Total	\$11,199,938 \$2,709,253 \$13,909,191
D.	CURRENT VALUE OF TOTAL ASSETS (20.94% of Table 1, F6)	\$157,889,616
E.	PRESENT VALUE OF FUTURE ADDITIONAL MUNICIPAL CONTRIBUTIONAL Initial contribution - Amortized Through December 31, 2010 2. 15 year amortization of prior years' loss (gain) (Table 11, B.2.b + B.2.c + B.2.d + B.2.e+B.2.f + B.2.g + B.2.h) 3. Total	ONS \$60,400,350 (39,869,814) \$20,530,536
F.	LOSS (GAIN) [A-B-C-D-E]	(\$4,951,163)
G.	ANALYSIS OF LOSS (GAIN) 1. MPRIF Mortality 2. PERA Benefit Election 3. Additional Contributions Made 4. Other 5. Total	\$532,588 (42,123) 4 (5,441,632) (\$4,951,163)
H.	15 YEAR AMORTIZATION OF LOSS (GAIN)	(572,391)

Determination of Statutory Contributions

(actual dollars)

JULY 1, 1996

				Percent of Payroll	Dollar Amount
A.	EMPLOYE	EE CONTRIBUTIONS		7.60%	\$949,395 *
В.	•	ER CONTRIBUTIONS justment For State Aid)			
	1. Regular	municipal contribution		11.40%	\$1,424,093 *
	2. Addition	nal municipal contribution			
		Date	Current	Last	Payment
		Established	Balance	Payment	Amount**
	a.	Initial	\$60,400,350	12/31/2010	\$6,982,724
	b.	07/01/88	\$0	12/31/2002	\$0
	c.	07/01/89	\$0	12/31/2003	\$0
	d.	07/01/90	\$0	12/31/2004	\$0
	e.	07/01/91	\$0	12/31/2005	\$0
	f.	07/01/92	\$0	12/31/2006	\$0
	g.	07/01/93	(\$38,770,714)	12/31/2007	(\$5,067,756)
	h.	07/01/94	\$6,460,404	12/31/2008	\$806,426
	i.	07/01/95	(\$7,559,504)	12/31/2009	(\$906,026)
	j.	07/01/96	(\$4,951,163)	12/31/2010	(\$572,391)
	k.	Total	\$15,579,373		\$1,242,977

* Estimated based on prior years' payroll

C. ESTIMATED TOTAL STATUTORY CONTRIBUTION

\$3,616,465

^{**} Contribution is assumed to be paid on December 31, 1996

ST. PAUL POLICE CONSOLIDATION ACCOUNT ACTIVE MEMBERS AS OF JUNE 30, 1996

T 7		•	•
Years	Λŧ	N 1	rvice

					ars or oci er			
<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	<u>20-24</u>	<u>25-29</u>	<u>30+</u> <u>ALL</u>
<25	0	0	0	0	0	0	0	0 0
25-29	0	0	0	0	0	0	0	0 0
30-34	0	0	0	0	0	0	0	0 0
35-39	0	0	0	1	12	0	0	0 13
40-44	0	0	0	0	44	5	0	0 49
45-49	0	1	0	0	30	48	31	0 110
50-54	0	0	0	0	7	25	46	1 79
55-59	0	0	0	0	3	5	8	18 34
60-64	0	0	0	0	0	0	0	1
65+	0	0	0	0	0	0	0	2 2
ALL	0	1	0		96	83	85	22 288

AVERAGE ANNUAL EARNINGS

Years of Service

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	10-14	<u>15-19</u>	<u>20-24</u>	<u> 25-29</u>	<u>30+</u>	ALL
<25	0	0	0	0	0	0	0	0 :	0
25-29	0	0	0	0	0	0	0	0	0
30-34	0	0	0	0	0	0	0	0	0
35-39	0	0	0	45,897	52,459	0	0	0	51,954
40-44	0	0	0	0	52,764	52,629	0	0	52,750
45-49	0	49,296	0	0	51,567	52,802	55,115	0	<i>5</i> 3,085
50-54	0	0	0	0	51,954	51,018	53,639	49,648	52,610
55-59	0	0	0	0	46,518	53,805	55,921	58,320	56,050
60-64	0	0	0	0	0	0	0	60,728	60,728
65+	O	0	0	0	0	0	0	70,482	70,482
ALL	0	49,296	0	45,897	52,098	52,315	54,392	59,141	53,344

PRIOR FISCAL YEAR EARNINGS (IN THOUSANDS) BY YEARS OF SERVICE

<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	<u>10-14</u>	15-19	20-24	25-29	30+ ALL
All	0	49	0	46	5,001	4,342	4,623	1,301 15,363

SERVICE RETIREMENTS AS OF JUNE 30, 1996

YEARS RETIRED

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	<u>25+</u>	ALL
<50	0	0	0	0	0	0	0	0
50-54	2	22	3	1	0	0	0	28
55-59	2	. 20	19	1	0	0	0	42
60-64	1	8	16	6	0	0	0	31
65-69	0	7	10	18	17	2	2	56
70-74	0	3	14	17	31	. 8	0	73
75-79	0	0	3	12	11	7	5	38
80-84	0	0	0	2	6	5	9	22
85+	0	0	0	0	0	2	10	12
ALL	5	60	65	57	65	24	26	302

AVERAGE ANNUAL BENEFIT

YEARS RETIRED

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	<u>25+</u>	ALL
<50	0	0	0	0	0	. 0	0	0
50-54	21,986	22,391	19,067	20,801	0	0	0	21,949
55-59	30,275	27,644	24,653	21,841	0	0	0	26,278
60-64	36,102	34,407	26,426	24,691	. 0	0	0	28,462
65-69	0	34,191	26,726	25,642	24,345	24,961	15,607	26,128
70-74	0	34,460	28,590	26,706	24,848	23,400	0	26,235
75-79	0	0	29,504	26,794	25,253	24,069	22,048	25,435
80-84	0	0	0	27,068	24,267	26,002	23,457	24,585
85+	0	0	O Harriet Familie	0	0	26,002	25,375	25,480
ALL	28,125	27,724	26,222	26,000	24,731	24,484	23,320	25,802

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS RETIRED

<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	10-14	15-19	20-24	25+ AI	L
All	140,625	1,663,440	1,704,430	1,482,000	1,607,515	587,616	NAME OF THE PROPERTY OF THE PR	 2.204

SURVIVORS AS OF JUNE 30, 1996

YEARS SINCE DEATH

<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	25+	<u>ALL</u>
<50	0	5	3	4	1	0	0	13
50-54	0	2	1	1	1	0	1	6
55-59	0	I	1	1	2	0	0	5
60-64	0	1	2	3	2	Ô	2	10
65-69	0	2	4	4	1	5	1	17
70-74	0	1	6	6	4	5	7	29
75-79	0	3	1	4	3	4	8	23
80-84	0	2	5	3	4	2	8	24
85+	0	2	1	6	2	5	15	31
ALL	0	19	24	32	20	21	42	158

AVERAGE ANNUAL BENEFIT

YEARS SINCE DEATH

1					_			
<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	<u>20-24</u>	<u>25+</u>	ALL
<50	0	8,690	6,500	5,525	2,600	0	0	6,742
50-54	0	14,005	14,301	14,301	14,301	0 -	14,301	14,202
55-59	0	14,301	14,301	14,301	14,301	0	0	14,301
60-64	0	14,210	14,301	14,301	13,742	0	13,709	14,062
65-69	0	13,689	13,809	14,152	14,301	13,912	14,301	13,964
70-74	0	14,164	14,301	14,201	14,021	13,958	14,140	14,139
75- 79	0	14,209	14,301	14,021	13,852	13,873	14,301	14,107
80-84	0	14,301	14,301	14,301	14,301	13,742	13,992	14,151
85+	0	14,278	14,301	14,301	14,301	14,142	14,301	14,274
ALL	0	12,700	13,244	13,132	13,537	13,954	14,187	13,538

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS SINCE DEATH

					-			
ΔαΑ	~1	1.4	5.0	10-14	15 10	20.04	22.	Secretary for the second second second
<u>Age</u>	<u> </u>	<u>14</u>	J-7	10-14	13-19	20-24	25±	ALL
1.00	and the day of security	30 A 5 a 1 A 44 a 1 a 1 a 1 a 1 a 1 a 1 a 1 a 1 a 1	ar even to the second				<u> 2 </u>	4 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
A 11		041 000					됐는데하네요.ben 1042년	raen Pilopiner egilere (biblioteke e
All	i kabataka	241.300	317,856	420,224	270,740	293,034	595,854	2,139,004
- 77, -	1999 AUT 2000 - 11 1 7	a la littoria de la companione de la compa	,		210,170	273,034	777,074	£,137,004

DISABILITY RETIREMENTS AS OF JUNE 30, 1996

YEARS DISABLED

A		1.4	5.0	10.14	15.10		11 0 50	
<u>Age</u>	<u> </u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	<u>20-24</u>	<u>25+</u> <u>A</u>	<u>LL</u>
<50	0	1	2	0	0	0	0	3
50-54	4	2	0	0	0	0	0	6
55-59	2	2	0	0	0	0	0	4
60-64	0	0	0	0	Ō	0	0	Ò
65-69	0	0	0	0	0	0	0	n
70-74	0	0	0	0	0	0	0	0
75-79	0	0	0	0	0	0	0	0
80-84	0	0	0	0	Ō	ō	Ŏ	0
85+	0	0	0	0	0	0	0	0
ALL	6	5	2	0	0	0	0	13

AVERAGE ANNUAL BENEFIT

YEARS DISABLED

<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	10-14	<u>15-19</u>	<u>20-24</u>	<u>25+</u>	ALL
<50	0	26,815	14,560	0	0	0	0	18,645
50-54	31,560	32,408	0	0	0	0	0	31,843
55-59	30,439	34,820	0	0	0	0	0	32,630
60-64	0	0	0	0	0	0	0	0
65-69	0	0	0	0	0	0	0	0
70-74	0	0	0	0	0	0	0	0
75 -79	0	0	0	0	0	0	0	0
80-84	0	0	0	0	0	0	0	0
85+	0	0	0	0	0	0	0	0
ALL	31,186	32,254	14,560	0	0	0	0	29,040

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS DISABLED

_					-			
<u>Age</u>	<u><1</u>	1-4	5-9	10-14	15-19	20-24	25+	ATI
A 11	107.116	161 270	20.120		ome likain geor			<u> </u>
2.711 · · · ·	10/110	101.270	Z9.1ZU	Section for the University	ar arosa kalendar 🔰 kalendar	anner Berlande (1896)		377 520

Reconciliation Of Members

			Termin	nated
		A -4:	Deferred	Other
		Actives	Retirement	Non-Vested
A.	ON JUNE 30, 1995	305	4	0
B.	ADDITIONS	0	3	0
C.	DELETIONS			
	1. Service Retirement	(5)	0	0
	2. Disability	(7)	0	0
	3. Death-Survivor	0	0	0
	4. Death-Other	0	0	0
	5. Terminated - Deferred	(3)	0	0
	6. Terminated - Refund	0	0	0
	7. Terminated - Other Non-Vested	0	0	0
	8. Returned as Active	0	0	0
D.	DATA ADJUSTMENTS	(2)	2	0
	Vested	288		
	Non-Vested	0		
E.	TOTAL ON JUNE 30, 1996	288	9	0
₽.	101AD ON 10NE 30, 1990	200	9	0
			Recipients	
		Retirement		
		Annuitants	Disabled	Survivors
A.	ON JUNE 30, 1995	306	6	154
B.	ADDITIONS	6	7	10
C.	DELETIONS			
	1. Service Retirement	0	0	0
	2. Death	(9)	Ő	(4)
	3. Annuity Expired	0	ŏ	0
	4. Returned as Active	0	0	Ö
D.	DATA ADJUSTMENTS	(1)	0_	(2)
E.	TOTAL ON JUNE 30, 1996	302	13	158

Actuarial Balance Sheet

(actual dollars)

A.	CURRENT ASSETS (25.86% of Table 1, F6)		\$194,979,873					
B.	EXPECTED FUTURE ASSETS							
	 Present Value of Employee Contributions Present Value of Regular Municipal Contributions Present Value of Additional Municipal Contributions Total Expected Future Assets 	,	\$10,791,300 16,186,950 1,717,856 \$28,696,106					
C.	TOTAL CURRENT AND EXPECTED FUTURE ASSETS		\$223,675,979					
D.	CURRENT PENSION BENEFIT OBLIGATIONS							
	Retirees and Beneficiaries Currently Receiving Benefits and Terminated Employees Not Yet Receiving Benefits		\$108,394,400					
	2. Current Employees							
	 a. Accumulated Employee Contributions Including Allocated Investment Income* b. Employer-Financed Vested c. Employer-Financed Nonvested d. Total 	\$15,253,119 64,285,736 2,004,705	\$81,543,560					
	3. Total Pension Benefit Obligation		\$189,937,960					
E.	EXPECTED FUTURE PENSION BENEFIT OBLIGATION		\$33,738,019					
F.	TOTAL CURRENT AND EXPECTED FUTURE PENSION BENEFIT OBLIGATION		\$223,675,979					
G.	CURRENT UNFUNDED ACTUARIAL LIABILITY (D3-A)		(\$5,041,913)					
H.	I. CURRENT AND FUTURE UNFUNDED ACTUARIAL LIABILITY (F-C)							
*Es	timated							

Entry Age Normal Cost Calculations

(actual dollars)

		Number of Participants	Present Value of Projected Benefits	Actuarial Accrued Liabilities
A.	DETERMINATION OF ACTUARIAL ACCRUED LIABILITY (AAL)			
	1. Active Members			
	a. Elected PERA Police and Fire	251	\$100,895,357	\$77,655,103
	b. No Election (Greater Value)	37	14,386,222	10,615,240
	c. Total	288	\$115,281,579	\$88,270,343
	2. Former Members			
	a. Elected PERA Police and Fire	8	1,325,118	\$1,325,118
	b. No Election (Greater Value)	1	104,481	104,481
	c. Total	9	\$1,429,599	\$1,429,599
	3. Benefit Recipients			
	 a. Elected PERA Police and Fire* 	473	\$106,964,801	\$106,964,801
	b. Elected Relief Association	0	0	0
	c. Total	473	\$106,964,801	\$106,964,801
	4. Total			
	a. Elected PERA Police and Fire*	732	\$209,185,276	\$185,945,022
	b. Elected Relief Association	0	0	0
	c. No Election (Greater Value)	38_	14,490,703	10,719,721
	d. Total	<u>770</u>	\$223,675,979	\$196,664,743
В.	DETERMINATION OF UNFUNDED A	CTUARIAL ACC	RUED LIABILITY	(UAAL)
	1. AAL (A4)			\$196,664,743
	2. Current Assets (25.86% of Table 1,F6))		194,979,873
	3. UAAL (B1-B2)			<u>\$1,684,870</u>
C.	NORMAL COST			\$3,126,941

^{*} Includes MPRIF Reserves of \$93,968,752

Net Actuarial Loss (Gain)

(actual dollars)

A.	The state of the s	
	1. Elected PERA Police and Fire	\$209,185,276
	2. Elected Relief Association	0
	3. No Election (Greater Value)	14,490,703
	4. Total	\$223,675,979
B.	PRESENT VALUE OF FUTURE EMPLOYEE CONTRIBUTIONS	
	1. Elected PERA Police and Fire	\$9,498,971
	2. No Election (Greater Value)	\$1,292,329
	3. Total	\$10,791,300
C.	PRESENT VALUE OF FUTURE REGULAR MUNICIPAL CONTRIBUTIONS	
	1. Elected PERA Police and Fire	\$14,248,457
	2. No Election (Greater Value)	\$1,938,493
	3. Total	\$16,186,950
D.	CURRENT VALUE OF TOTAL ASSETS (25.86% of Table 1, F6)	\$194,979,873
E.	PRESENT VALUE OF FUTURE ADDITIONAL MUNICIPAL CONTRIBUTION	ONS
	1. Initial contribution - Amortized Through December 31, 2010	\$63,068,425
	2. 15 year amortization of prior years' loss (gain)	(55,085,088)
	(Table 11, B.2.b + B.2.c + B.2.d + B.2.e+B.2.f + B.2.g + B.2.h)	
	3. Total	\$7,983,337
F.	LOSS (GAIN) [A-B-C-D-E]	(\$6,265,481)
C	ANALYSIS OF LOSS (CADA	
G.	ANALYSIS OF LOSS (GAIN) 1. MPRIF Mortality	# 07 700
	2. PERA Benefit Election	\$27,720
	3. Additional Contributions Made	(79,324)
	4. Other	(6,213,880)
	5. Total	(\$6,265,481)
	=	(\$\psi_0,200,701)
H.	15 YEAR AMORTIZATION OF LOSS (GAIN)	(724,336)

Determination of Statutory Contributions

(actual dollars)

JULY 1, 1996

				Percent of Payroll	Dollar Amount
A.	EMPLOYI	EE CONTRIBUTIONS		7.60%	\$1,167,606 *
В.		ER CONTRIBUTIONS justment For State Aid)			
	1. Regular	municipal contribution		11.40%	\$1,751,409 *
	2. Addition	nal municipal contribution			
		Date	Current	Last	Payment
		Established	Balance	Payment	Amount**
	a.	Initial	\$63,068,425	12/31/2010	\$7,291,173
	b.	07/01/88	\$0	12/31/2002	\$0
	c.	07/01/89	\$0	12/31/2003	\$0
	d.	07/01/90	\$0	12/31/2004	\$0
	e.	07/01/91	\$0	12/31/2005	\$0
	f.	07/01/92	\$0	12/31/2006	\$0
	g.	07/01/93	\$0	12/31/2007	\$0
	h.	07/01/94	(\$52,825,212)	12/31/2008	(\$6,593,957)
	i.	07/01/95	(\$2,259,876)	12/31/2009	(\$270,852)
	j.	07/01/96	(\$6,265,481)	12/31/2010	(\$724,336)
	k.	Total	\$1,717,856		(\$297,972)

C. ESTIMATED TOTAL STATUTORY CONTRIBUTION

\$2,621,043

^{*} Estimated based on prior years' payroll

^{**} Contribution is assumed to be paid on December 31, 1996

SOUTH ST. PAUL FIRE CONSOLIDATION ACCOUNT ACTIVE MEMBERS AS OF JUNE 30, 1996

Years	of	Service
-------	----	---------

				1 62	119 OT DELAN	ce		
Age	<u><1</u>	1-4	<u>5-9</u>	10-14	<u>15-19</u>	20-24	<u>25-29</u> <u>3</u>	0+ ALL
<25	0	0	0	0	0	0	0	0 0
25-29	0	0	0	0	0	0	0	0 0
30-34	0	0	0	0	0	0	0	0 0
35-39	0	0	0	0	0	0	0	0 0
40-44	0	0	0	0	4	1	0	0 5
45-49	0	0	0	0	1	1	Ö	0 2
50-54	0	0	0	0	0	0	3	0 3
55-59	0	0	0	0	0	0	0	0 0
60-64	0	0	0	0	0	0	0	0 0
65+	0	0	0	0	0	0	0	0 0
ALL	0	0	0	0	5	2	3	0 10

AVERAGE ANNUAL EARNINGS

Years of Service

Age	<u><1</u>	<u>1-4</u>	5-9	<u>10-14</u>	<u>15-19</u>	20-24	25-29	30+ ALL
<25	0	0	0	0	0	0		0 0
25-29	0	0	0	0	0	0	0	0 0
30-34	0	0	0	0	0	0	0	0 0
35-39	0	0	0	0	0	0	0	0 0
40-44	0	0	0	0	45,171	20,559	0	0 40,249
45-49	0	0	0	0	53,364	51,613	0	0 52,489
50-54	0	0	0	0	0	0	54,689	0 54,689
55-59	0	0	0	0	0	0	0	0 0
60-64	0	0	0	0	0	0	0	0 0
65+	0	0	0	0	0	0	0	0 0
ALL	0	0	0	0	46,810	36,086	54,689	0 47,029

PRIOR FISCAL YEAR EARNINGS (IN DOLLARS) BY YEARS OF SERVICE

Age	<u><1</u>	<u>1-4</u>	<u>5-9</u>	10-14	15-19	20-24	25-29	30+	ALL
All	C) 0	0	0	234,050	72,172	ร 28 ในสาร์ ปีดีที่ สิทธิ์ เป็นสาร์ เลือนสาร์ เลือนสาร์ เลือนสาร์ เลือนสาร์ เลือนสาร์ เลือนสาร์ เลือนสาร์ เลือ	0	470,290

SERVICE RETIREMENTS AS OF JUNE 30, 1996

\$7T2	A T	36	D)	معارية	11		
YE.	M	63	ĸ	r. I	ıĸ	r.i.	

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	15-19	20-24	25+	ALL
<50	0	0	0	0		0		0
50-54	0	1	0	0	0	0	ő	1
55-59	0	0	0	0	1	0	0	1
60-64	1	0	1	Ö	ò	0	0	2
65-69	0	1	2	2	1	0	0	6
70-74	0	0	0	1	1	0	0	2
75-79	0	0	0	0	1	0	n	1
80-84	0	0	0	0	1	0	0	í
85+	0	0	0	0	0	0	0	Ö
ALL	1	2	3	3	5	0	0	14

AVERAGE ANNUAL BENEFIT

YEARS RETIRED

<u>Age</u>	<u>≤1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	<u>25+</u>	<u>ALL</u>
<50	0	0	0	0	0	0	0	0
50-54	0	22,996	0	0	0	0	0	22,996
55-59	0	0	0	0	22,996	0	0	22,996
60-64	36,097	0	22,996	0	0	0	0	29,547
65-69	0	23,104	23,384	22,996	22,996	0	0	23,143
70-74	0	0	0	24,388	23,126	0	0	23,757
75-79	0	0	0	0	22,996	0	0	22,996
80-84	0	0	0	0	22,996	0	0	22,996
85+	0	0	0	0	0	0	0	0
ALL	36,097	23,050	23,255	23,460	23,022	0	0	24,104

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS RETIRED

						,		
-								
Λ ~~	-1	1 /	<i>5</i> A	10 14	15 10	00.04		
<u>Age</u>	` 1	1 -4	7-4	111-14	15-10	20-24	751	TO SEE STATE OF THE SECOND SEC
		 -	5 /	10-17	13-17	20-24	<i>23</i> T	
12 . N. S.	A Probability of the Control of the	Contract and Contract						1.5y/1y/2006/06 1
100000000000000000000000000000000000000		grafian bada bada bada sasari sasari sasari sasari 1999 (1996). U	11999 1999 1999 1999 1999 1999	444444666666666666666666666666666666666			\$3000000000000000000000000000000000000	JC 1000, 300,000 DOUGO 20W. WC 20U, 20U 100,000 P. O.
A 11	36 AQ7	4Z 100	2071E	70 202				
47.11	JU.U71		69,765	70.380			n no ann ann an Aireann an Airean	227756
and the second second								**************************************

SURVIVORS AS OF JUNE 30, 1996

YEARS SINCE DEATH

<u>Age</u>	<u>≤1</u>	1-4	<u>5-9</u>	<u>10-14</u>	15-19	20-24	25+ <u>ALL</u>
<50	0	0	0	0	0	0	0 0
50-54	0	0	0	0	0	0	0 0
55-59	0	0	0	0	0	0	0 0
60-64	0	0	0	0	0	0	0 0
65-69	0	0	0	0	0	0	1
70-74	0	0	0	1	0	1	1 3
75-79	0	0	0	0	1	0	0 1
80-84	0	0	0	0	0	1	0 1
85+	0	0	0	0	0	0	1
ALL	0		0	1	1	2	3 7

AVERAGE ANNUAL BENEFIT

YEARS SINCE DEATH

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	<u>25+</u>	<u>ALL</u>
<50	0	0	0	0	0	0	0	0
50-54	0	0	0	0	0	0	0	0
55-59	0	0	0	0	0	0	0	0
60-64	0	0	0	0	0	0	0	0
65-69	0	0	0	0	0	0	12,074	12,074
70-74	0	0	0	12,282	0	12,418	12,418	12,373
75-79	0	0	0	0	12,418	0	0	12,418
80-84	0	0	0	0	0	12,418	0	12,418
85+	0	0	0	0	0	0	12,418	12,418
ALL	0	0	0	12,282	12,418	12,418	12,303	12,350

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS SINCE DEATH

						-		
Age	<1	1-4	5-9	10-14	15-19	20-24	25+	ALL
All	kali Mariakan da Nebeli	0	0	12,282	12.410	24,836	36.909	86.450

DISABILITY RETIREMENTS AS OF JUNE 30, 1996

YE.	AR	S	DI	A2	RI	ED
11.	ΛИ	J.	$\boldsymbol{\nu}$	\sim		

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	25+ ALL
<50	0	0	0	0	0	0	0 0
50-54	0	0	1	0	0	0	0 1
55-59	0	0	0	0	0	0	0 0
60-64	0	0	0	0	0	0	0 0
65-69	0	0	0	0	0	0	0 0
70- 7 4	0	0	0	0	0	0	0 0
75 -79	0	0	0	0	0	0	0 0
80-84	0	0	0	0	0	0	0 0
85+	0	0	0	0	0	0	0 0
ALL	0	0	1	0	0	0	0 1

AVERAGE ANNUAL BENEFIT

YEARS DISABLED

<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	<u>25+</u>	ALL
<50	0	0	0	0	0	0	0	0
50-54	0	0	22,996	0	0	0	0	22,996
55-59	0	0	0	0	0	0	0	0
60-64	0	0	0	0	0	0	0	0
65-69	0	0	0	0	0	0	0	0
70-74	0	0	0	0	0	0	0	0
75-79	0	0	0	0	0	0	0	0
80-84	0	0	0	0	0	0	0	0
85+	0	0	0	0	0	0	0	Ō
ALL	0	0	22,996	0	0	0	0	22,996

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS DISABLED

A								
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720	~1	1-4	7-9	11)-14	15-10	201-27	757	CONTROL OF THE TOTAL DESCRIPTION
			<u> </u>	10 17	17-17	40-44	ZJT	ALL
The Market Wall Con-	 According to the contract of the	Secretary and the following and a secretary and the	NAME OF TAXABLE PARTY OF TAXABLE PARTY.					200 M St. 100 M St. 100 M
	. Suk det pe promotore Profelius en la comb	\$66665000000000000000000000000000000000		Autoritation to the second of	2000 1 GO 1 GO 1 GO 2 1 NO 2 GO 1 G	医结肠性皮炎 医多氏性现代性病病病 化对抗物 化水流流流	M. Parthago, Association of the con-	, Department of the control of the community of the con-
All	Λ.		ኅኅ ለሰረ					teragarakan ngugataratara pada sakata balakan saka
71.11		0	77 996		55-55 (A. C.	Λ		22 000
0.00 Provide 100 P	I Maria Marije de Pari I. Marija I. Marij		24.770	 [1] A. 1994, L. J. A. Green, Phys. B 50, 180 (1997). 	U			
		Service and the service of the servi			20. 1 July 20. 10. 10. 10. 10. 10. 10. 10. 10. 10. 1			**************************************

Reconciliation Of Members

				minated	
			Deferred	Other	
		Actives	Retirement	Non-Vested	
A.	ON JUNE 30, 1995	11	0	0	
В.	ADDITIONS	0	0	0	
C.	DELETIONS 1. Service Retirement	/45	•	_	
	2. Disability	(1)	0	0	
	3. Death-Survivor	0 0	0	0	
	4. Death-Other	0	0	0	
	5. Terminated - Deferred	0	0	0	
	6. Terminated - Refund	ŏ	0	0	
	7. Terminated - Other Non-Vested	Ö	0	0	
	8. Returned as Active	0	0	0	
D.	DATA ADJUSTMENTS	0	0	0	
	Vested	10			
	Non-Vested	0			
г		_			
E.	TOTAL ON JUNE 30, 1996	10	0	0	
			Recipients		
		Retirement	=		
		Annuitants	Disabled	Survivors	
A.	ON JUNE 30, 1995	14	1	5	
B.	ADDITIONS	1	0	1	
C.	DELETIONS				
	1. Service Retirement	0	0	^	
	2. Death		0 0	0	
	3. Annuity Expired	(1) 0	0	0	
	4. Returned as Active	0	ő	0	
D.	DATA ADJUSTMENTS	0	0	1	
E.	TOTAL ON JUNE 30, 1996	14	1	7	

Actuarial Balance Sheet

(actual dollars)

A.	CURRENT ASSETS (0.78% of Table 1, F6)		\$5,916,183
B.	EXPECTED FUTURE ASSETS		
	 Present Value of Employee Contributions Present Value of Regular Municipal Contributions Present Value of Additional Municipal Contributions Total Expected Future Assets 		\$373,787 560,680 1,268,443 \$2,202,910
C.	TOTAL CURRENT AND EXPECTED FUTURE ASSETS		\$8,119,093
D.	CURRENT PENSION BENEFIT OBLIGATIONS		
	Retirees and Beneficiaries Currently Receiving Benefits and Terminated Employees Not Yet Receiving Benefits		\$4,798,641
	2. Current Employees		
	 a. Accumulated Employee Contributions Including Allocated Investment Income* b. Employer-Financed Vested c. Employer-Financed Nonvested d. Total 	\$479,282 1,706,533 0	\$2,185,815
	3. Total Pension Benefit Obligation		\$6,984,456
E.	EXPECTED FUTURE PENSION BENEFIT OBLIGATION		\$1,134,637
F.	TOTAL CURRENT AND EXPECTED FUTURE PENSION BENEFIT OBLIGATION		\$8,119,093
G.	CURRENT UNFUNDED ACTUARIAL LIABILITY (D3-A)		\$1,068,273
H.	CURRENT AND FUTURE UNFUNDED ACTUARIAL LIABIT	LITY (F-C)	\$0
*Es	timated		

Entry Age Normal Cost Calculations

(actual dollars)

4		Number of Participants	Present Value of Projected Benefits	Actuarial Accrued Liabilities
A.	DETERMINATION OF ACTUARIAL ACCRUED LIABILITY (AAL)			
	1. Active Members			
	a. Elected PERA Police and Fire	10	\$3,320,452	\$2,392,669
	b. No Election (Greater Value)	0	0	0
	c. Total	10	\$3,320,452	\$2,392,669
	2. Former Members			
	a. Elected PERA Police and Fire	0	0	\$0
	b. No Election (Greater Value)	0	0	0
	c. Total	0	\$0	\$0
	3. Benefit Recipients			
	a. Elected PERA Police and Fire*	22	\$4,798,641	\$4,798,641
	b. Elected Relief Association	0	0	0
	c. Total	22	\$4,798,641	\$4,798,641
	4. Total			
	a. Elected PERA Police and Fire*	32	\$8,119,093	\$7,191,310
	b. Elected Relief Association	0	0	0
	c. No Election (Greater Value)	0	0	0
	d. Total	32	\$8,119,093	<u>\$7,191,310</u>
В.	DETERMINATION OF UNFUNDED A	ACTUARIAL ACC	RUED LIABILITY	(UAAL)
	1. AAL (A4)			\$7,191,310
	2. Current Assets (0.78% of Table 1,F6)	•		5,916,183
	3. UAAL (B1-B2)			\$1,275,127
C.	NORMAL COST			\$94,676

^{*} Includes MPRIF Reserves of \$4,326,167

Net Actuarial Loss (Gain)

(actual dollars)

A.	ACTUARIAL PRESENT VALUE OF PROJECTED BENEFITS (Table 9-170) 1. Elected PERA Police and Fire 2. Elected Relief Association 3. No Election (Greater Value) 4. Total	\$8,119,093 0 0 \$8,119,093
В.	PRESENT VALUE OF FUTURE EMPLOYEE CONTRIBUTIONS 1. Elected PERA Police and Fire 2. No Election (Greater Value)	\$373,787 \$0
	3. Total	\$373,787
C.	PRESENT VALUE OF FUTURE REGULAR MUNICIPAL CONTRIBUTIONS 1. Elected PERA Police and Fire 2. No Election (Greater Value) 3. Total	\$560,680 \$0 \$560,680
D.	CURRENT VALUE OF TOTAL ASSETS (0.78% of Table 1, F6)	\$5,916,183
E.	PRESENT VALUE OF FUTURE ADDITIONAL MUNICIPAL CONTRIBUTION 1. Initial contribution - Amortized Through December 31, 2010 2. 15 year amortization of prior years' loss (gain) (Table 11, B.2.b + B.2.c + B.2.d + B.2.e+B.2.f + B.2.g + B.2.h) 3. Total	\$3,686,323 (2,251,774) \$1,434,549
F.	LOSS (GAIN) [A-B-C-D-E]	(\$166,106)
G.	ANALYSIS OF LOSS (GAIN) 1. MPRIF Mortality 2. PERA Benefit Election 3. Additional Contributions Made 4. Other 5. Total	(\$157,959) 0 0 (8,147) (\$166,106)
H.	15 YEAR AMORTIZATION OF LOSS (GAIN)	(19,203)

Determination of Statutory Contributions

(actual dollars)

JULY 1, 1996

				Percent of Payroll	Dollar Amount
A.	EMPLOYE	EE CONTRIBUTIONS		7.60%	\$35,742 *
В.		ER CONTRIBUTIONS justment For State Aid)			
	1. Regular	municipal contribution		11.40%	\$53,613 *
	2. Addition	nal municipal contribution			
		Date	Current	Last	Payment
		Established	Balance	Payment	Amount**
	a.	Initial	\$3,686,323	12/31/2010	\$426,166
	b.	07/01/88	\$0	12/31/2002	\$0
	c.	07/01/89	\$0	12/31/2003	\$0
	d.	07/01/90	\$0	12/31/2004	\$0
	e.	07/01/91	\$0	12/31/2005	\$0
	f.	07/01/92	\$0	12/31/2006	\$0
	g.	07/01/93	\$0	12/31/2007	\$0
	h.	07/01/94	(\$2,491,085)	12/31/2008	(\$310,952)
	i.	07/01/95	\$239,311	12/31/2009	\$28,682
	j.	07/01/96	(\$166,106)	12/31/2010	(\$19,203)
	k.	Total	\$1,268,443		\$124,693

C. ESTIMATED TOTAL STATUTORY CONTRIBUTION

\$214,048

^{*} Estimated based on prior years' payroll

^{**} Contribution is assumed to be paid on December 31, 1996

WEST ST. PAUL FIRE CONSOLIDATION ACCOUNT ACTIVE MEMBERS AS OF JUNE 30, 1996

_				Yea	ars of Servi	ce		
Age	<u>≤1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	<u>20-24</u>	25-29	30+ ALL
<25	0	0	0	0	0	0	0	0 0
25-29	0	0	0	0	0	0	0	0 0
30-34	0	0	0	0	0	0	0	0 0
35-39	0	0	0	0	0	0	0	0 0
40-44	0	0	0	0	1	0	0	0 1
45-49	0	0	0	0	1	2	0	0 3
50-54	0	0	0	0	0	1	2	1
55-59	0	0	0	0	0	0	ō	0 0
60-64	0	0	0	0	0	0	0	0 0
65+	0	0	0	0	0	0	0	0 0
ALL	0		0	0	2	3	2	1 8

AVERAGE ANNUAL EARNINGS

_	Years of Service									
<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	10-14	<u> 15-19</u>	20-24	25-29	<u>30+</u>	ALL	
<25	0	0	0	0	0	0	0	0	0	
25-29	0	0	0	0	0	0	0	0	0	
30-34	0	0	0	0	0	0	0	0	0	
35-3 9	0	0	0	0	0	0	0	0	0	
40-44	0	0	0	0	44,943	0	0	0	44,943	
45-49	0	0	0	0	44,733	49,158	0	0	47,683	
50-54	0	0	0	0	0	49,138	49,053	61,909	52,288	
55-59	0	0	0	0	0	0	0	0	O	
60-64	0	0	0	0	0	0	0	0	0	
65+	0	0	0	0	0	0	0	0	0	
ALL	0	0	0	0	44,838	49,151	49,053	61,909	49,643	

_	PRIOR FISCAL YEAR EARNINGS (IN DOLLARS) BY YEARS OF SERVICE									
Age	<u><1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	25-29	<u>30+</u>	ALL	
All	0	0	0	0	89,676	147,453	98,106	61,909	397,144	

SERVICE RETIREMENTS AS OF JUNE 30, 1996

YEARS RETIRED

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	25+	ALL
<50	0	0	0	0	0	0	0	0
50-54	0	0	0	0	0	0	0	0
55-59	0	1	1	0	0	0	0	2
60-64	0	0	2	0	0	0	0	$ar{f 2}$
65-69	0	0	0	1	0	0	0	1
70-74	0	0	0	0	1	0	0	
75-79	0	0	0	0	1	0	0	1
80-84	0	0	0	0	0	0	0	0
85+	0	0	0	0	0	0	0	0
ALL	0	1	3		2	0	7. a.a. 7. a.a. () 3. 0 (7

AVERAGE ANNUAL BENEFIT

YEARS RETIRED

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	<u>20-24</u>	<u>25+</u>	ALL
<50	0	0	0	0	0	0	0	0
50-54	0	0	0	0	0	0	0	0
55-59	0	32,755	16,368	0	0	0	0	24,562
60-64	0	0	25,569	0	0	0	0	25,569
65-69	0	0	0	24,456	0	0	0	24,456
70-74	0	0	0	0	20,543	0	0	20,543
75-79	0	0	0	0	20,543	0	0	20,543
80-84	0	0	0	0	0	0	0	0
85+	0	0	0	0	0	0	0	0
ALL	0	32,755	22,502	24,456	20,543	0	0	23,686

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS RETIRED

<u>Age</u>	<u><1</u>	1-4	5-9	10-14	15-19	20-24	25+	ALL
All	0	32,755	67,506	24,456	41,086	A Commission of the Commission		165 802

SURVIVORS AS OF JUNE 30, 1996

YEARS SINCE DEATH	$\mathbf{YE}A$	RS	SINCE	DEA	TH
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						=	
<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	<u>10-14</u>	15-19	<u>20-24</u>	25+ ALL
<50	0	0	0	0	0	0	0 0
50-54	0	0	0	0	0	0	0 0
55-59	0	0	0	0	0	0	0 0
60-64	0	0	0	0	0	1	0 1
65-69	0	0	0	0	0	0	0 0
70-74	0	0	0	1	0	0	0 1
75-79	0	0	0	3	0	0	0 3
80-84	0	0	0	0	0	0	0 0
85+	0	0	0	0	0	0	0 0
ALL	. 0	0	0	4	0	1	0 5

AVERAGE ANNUAL BENEFIT

YEARS SINCE DEATH

<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	<u>20-24</u>	25+ ALL
<50	0	0	0	0	0	0	0
50-54	0	0	0	0	0	0	0 0
55-59	0	0	0	0	0	0	0 0
60-64	0	0	0	0	0	12,276	0 12,276
65-69	0	0	0	0	0	0	0 0
70-74	0	0	0	9,771	0	ŏ	0 9,771
75-79	0	0	0	14,673	0	0	0 14,673
80-84	0	0	0	0	0	0	00
85+	0	0	0	0	0	ō	0 0
ALL	0	0	۸	12.440		12.276	, , , , , , ,
4.14			0	13,448	0	12,276	0 13,213

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS SINCE DEATH

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	25+	ALL
All	0	0	0	53.792	0	12,276	0	66,065

DISABILITY RETIREMENTS AS OF JUNE 30, 1996

YEARS DISABLED

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	25+	ALL
<50	0	0	0	0	0	0	0	0
50-54	1	1	0	1	0	0	0	3
55-59	0	0	0	0	0	0	0	0
60-64	0	0	0	0	0	0	0	0
65-69	0	0	0	0	0	0	0	0
70-74	0	0	0	0	0	0	0	0
75-79	0	0	0	0	0	0	0	0
80-84	0	0	0	0	0	0	0	0
85+	0	0	0	0	0	0	0	0
ALL		1	0	1	0	0	0	3

AVERAGE ANNUAL BENEFIT

YEARS DISABLED

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	<u>20-24</u>	<u>25</u> +	<u>ALL</u>
<50	0	0	0	0	0	0	0	0
50-54	34,808	24,610	0	16,368	0	0	0	25,262
55-59	0	0	0	0	0	0	0	0
60-64	0	0	0	0	0	0	0	0
65-69	0	0	0	0	0	0	0	0
70-74	0	0	0	0	0	0	0	Ŏ
75-79	0	0	0	0	0	0	0	0
80-84	0	0	0	0	0	0	0	0
85+	0	0	0	0	0	0	0	0
ALL	34,808	24,610	0	16,368	0	0	0	25,262

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS DISABLED

							· ·	_
<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	10-14	<u>15-19</u>	20-24	25+	ALL
All	34,808	24,610	0	16,368	0	0	o	75,786

Reconciliation Of Members

			Terminated	
			Deferred	Other
		Actives	Retirement	Non-Vested
A.	ON JUNE 30, 1995	9	1	0
В.	ADDITIONS	0	0	0
C.	DELETIONS			
	1. Service Retirement	0	0	0
	2. Disability	(1)	0	0
	3. Death-Survivor	0	0	0
	4. Death-Other	0	0	0
	5. Terminated - Deferred	0	0	0
	6. Terminated - Refund	0	0	0
	7. Terminated - Other Non-Vested	0	0	0
	8. Returned as Active	0	0	0
D.	DATA ADJUSTMENTS	0	0	0
	Vested	8		
	Non-Vested	0		
E.	TOTAL ON JUNE 30, 1996	8	1	0
			Recipients	
		Retirement Annuitants	Disabled	Survivors
A.	ON JUNE 30, 1995	8	2	5
В.	ADDITIONS	0	1	0
C.	DELETIONS			
	1. Service Retirement	0	0	0
	2. Death	(1)	0	0
	3. Annuity Expired	0	0	0
	4. Returned as Active	0	0	0
D.	DATA ADJUSTMENTS	0	0	0
E.	TOTAL ON JUNE 30, 1996	7	3	5

Actuarial Balance Sheet

(actual dollars)

A.	CURRENT ASSETS (1.04% of Table 1, F6)	\$7,861,693			
B.	EXPECTED FUTURE ASSETS				
	 Present Value of Employee Contributions Present Value of Regular Municipal Contributions Present Value of Additional Municipal Contributions Total Expected Future Assets 	\$252,193 378,290 (1,610,238) (\$979,755)			
C.	TOTAL CURRENT AND EXPECTED FUTURE ASSETS	\$6,881,938			
D.	CURRENT PENSION BENEFIT OBLIGATIONS				
	Retirees and Beneficiaries Currently Receiving Benefits and Terminated Employees Not Yet Receiving Benefits		\$3,930,900		
	2. Current Employees				
	 a. Accumulated Employee Contributions Including Allocated Investment Income* b. Employer-Financed Vested c. Employer-Financed Nonvested d. Total 	\$411,294 1,751,411 0	#2 1 <u>(2 70</u> 5		
			\$2,162,705		
	3. Total Pension Benefit Obligation		\$6,093,605		
E.	EXPECTED FUTURE PENSION BENEFIT OBLIGATION		\$788,333		
F.	TOTAL CURRENT AND EXPECTED FUTURE PENSION BENEFIT OBLIGATION	\$6,881,938			
G.	CURRENT UNFUNDED ACTUARIAL LIABILITY (D3-A)		(\$1,768,088)		
H.	CURRENT AND FUTURE UNFUNDED ACTUARIAL LIABIL	\$0			
*Estimated					

Entry Age Normal Cost Calculations

(actual dollars)

JULY 1, 1996

		Number of Participants	Present Value of Projected Benefits	Actuarial Accrued Liabilities
A.	DETERMINATION OF ACTUARIAL ACCRUED LIABILITY (AAL)			Daomios
	1. Active Members			
	a. Elected PERA Police and Fire	8	\$2,951,038	\$2,315,192
	b. No Election (Greater Value)	0	0	0
	c. Total	8	\$2,951,038	\$2,315,192
	2. Former Members			
	a. Elected PERA Police and Fire	1	240,375	\$240,375
	b. No Election (Greater Value)	0	0	0
	c. Total	1	\$240,375	\$240,375
	3. Benefit Recipients			
	a. Elected PERA Police and Fire*	12	\$2,889,197	\$2,889,197
	b. Elected Relief Association	3	801,328	801,328
	c. Total	15	\$3,690,525	\$3,690,525
	4. Total			
	a. Elected PERA Police and Fire*	21	\$6,080,610	\$5,444,764
	b. Elected Relief Association	3	801,328	801,328
	c. No Election (Greater Value)	0	0	. 0
	d. Total	24	\$6,881,938	\$6,246,092
B.	DETERMINATION OF UNFUNDED A	CTUARIAL ACC	RUED LIABILITY	(UAAL)
	1. AAL (A4)			\$6,246,092
	2. Current Assets (1.04% of Table 1,F6)			7,861,693
	3. UAAL (B1-B2)			(\$1,615,601)
C.	NORMAL COST			\$80,831

* Includes MPRIF Reserves of \$2,260,509

Net Actuarial Loss (Gain)

(actual dollars)

A.	ACTUARIAL PRESENT VALUE OF PROJECTED BENEFITS (Table 9-080) 1. Elected PERA Police and Fire 2. Elected Relief Association 3. No Election (Greater Value) 4. Total	\$6,080,610 801,328 0 \$6,881,938
В.	PRESENT VALUE OF FUTURE EMPLOYEE CONTRIBUTIONS	
	1. Elected PERA Police and Fire	\$252,193
	2. No Election (Greater Value)	\$0
	3. Total	\$252,193
C.	PRESENT VALUE OF FUTURE REGULAR MUNICIPAL CONTRIBUTIONS	
	1. Elected PERA Police and Fire	\$378,290
	2. No Election (Greater Value)	\$0
	3. Total	\$378,290
D.	CURRENT VALUE OF TOTAL ASSETS (1.04% of Table 1, F6)	\$7,861,693
E.	PRESENT VALUE OF FUTURE ADDITIONAL MUNICIPAL CONTRIBUTIO	NS
	1. Initial contribution - Amortized Through December 31, 2010	\$1,320,781
	2. 15 year amortization of prior years' loss (gain)	(1,929,093)
	(Table 11, B.2.b + B.2.c + B.2.d + B.2.e+B.2.f + B.2.g + B.2.h)	
	3. Total	(\$608,311)
		
F.	LOSS (GAIN) [A-B-C-D-E]	(\$1,001,927)
G	ANALVEICOELOGG (CARD	
u.	ANALYSIS OF LOSS (GAIN) 1. MPRIF Mortality	(4010.00=)
	2. PERA Benefit Election	(\$219,097)
	3. Additional Contributions Made	(120.047)
	4. Other	(130,947)
	5. Total	(\$1,001,027)
	=	(\$1,001,927)
H.	15 YEAR AMORTIZATION OF LOSS (GAIN)	(115,830)

Determination of Statutory Contributions

(actual dollars)

JULY 1, 1996

				Percent of Payroll	Dollar Amount
A.	EMPLOYE	EE CONTRIBUTIONS		7.60%	\$30,183 *
В.		ER CONTRIBUTIONS justment For State Aid)			
	1. Regular	municipal contribution		11.40%	\$45,275 *
	2. Additional municipal contribution				
		Date	Current	Last	Payment
		Established	Balance	Payment	Amount**
	a.	Initial	\$1,320,781	12/31/2010	\$152,692
	b .	07/01/88	\$0	12/31/2002	\$0
	C.	07/01/89	(\$704,899)	12/31/2003	(\$120,004)
	d.	07/01/90	(\$120,370)	12/31/2004	(\$18,885)
	e.	07/01/91	(\$48,149)	12/31/2005	(\$7,045)
	f.	07/01/92	(\$498,426)	12/31/2006	(\$68,662)
	g.	07/01/93	(\$105,883)	12/31/2007	(\$13,840)
	h.	07/01/94	(\$222,302)	12/31/2008	(\$27,749)
	i.	07/01/95	(\$229,065)	12/31/2009	(\$27,454)
	j.	07/01/96	(\$1,001,927)	12/31/2010	(\$115,830)
	k.	Total	(\$1,610,238)		(\$246,777)

C. ESTIMATED TOTAL STATUTORY CONTRIBUTION

(\$171,319)

^{*} Estimated based on prior years' payroll

^{**} Contribution is assumed to be paid on December 31, 1996

WEST ST. PAUL POLICE CONSOLIDATION ACCOUNT ACTIVE MEMBERS AS OF JUNE 30, 1996

Years	of Co	mien
IEMIN		TVICE

					01 50, 110				
<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	<u>20-24</u>	<u>25-29</u>	30+	ALL
<25	0	0	0	0	0	0	0	0	0
25-29	0	0	0	0	0	0	0	0	0
30-34	0	0	0	0	0	0	0	0	0
35-39	0	0	0	0	0	0	0	0	Ŏ
40-44	0	0	0	0	3	0	0	0 -	3
45-49	0	0	0	0	2	0	0	Ö,	2
50-54	0	0	0	0	0	0	3	0	3
55-59	0	0	0	0	1	0	0	Ö	ī
60-64	0	0	0	0	0	0	0	0 -	0
65+	0	0	0	0	0	0	0	0	0.
ALL	0	0	0	0	6	0	3	0	9

AVERAGE ANNUAL EARNINGS

Years of Service

	Tears of Service											
<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	<u>20-24</u>	<u>25-29</u>	<u> 30+</u>	ALL			
<25	0	0	0	0	0	0	0	0	0			
25-29	0	0	0	0	0	0	0	0	0			
30-34	0	0	0	0	0	0	0	0	0			
35-39	0	0	0	0	0	0	0	0	0			
40-44	0	0	0	0	49,372	0	0	0	49,372			
45-49	0	0	0	0	52,267	0	0	0	52,267			
50-54	0	0	0	0	0	0	54,922	0	54,922			
55-59	0	0	0	0	46,959	0	0	0	46,959			
60-64	0	0	0	0	0	0	0	0	0			
65+	0	0	0	0	0	0	0	0	0			
ALL	0	0	0	0	49,935	0	54,922	0	51,597			

PRIOR FISCAL YEAR EARNINGS (IN DOLLARS) BY YEARS OF SERVICE

Age	<u><1</u>	<u>1-4</u>	<u>5-9</u>	10-14	15-19	20-24	<u>25-29</u>	30+	ALL
All	0	0	0	0	299,610	0	164,766	0	464,373

WEST ST. PAUL POLICE CONSOLIDATION ACCOUNT

SERVICE RETIREMENTS AS OF JUNE 30, 1996

YEARS RETIRED

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	<u> 10-14</u>	<u>15-19</u>	20-24	25+ ALL
<50	0	0	0	0	0		
50-54	0	0	0	0	0	0	0 0
55-59	0	3	1	0	0	٥	0 0 0 4
60-64	0	1	Ō	1	0	0	0 2
65-69	0	0	0	0	0	0	그림 소리를 하다
70-74	0	0	0	1	0	0	0 0 1 2
75-79	0	0	0	٥	0	0	
80-84	0	Ö	Ö	0	0	0	0 0
85+	0	0	0	0	Ö	Ŏ	0 0
ALL	0	4		2	0	0	

AVERAGE ANNUAL BENEFIT

YEARS RETIRED

<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	10-14	<u>15-19</u>	20-24	25+	ALL
<50	0	0	0	0	0	0	0	0
50-54	0	0	0	0	0	Ö	0	0
55-59	0	24,100	23,862	0	0	0	0	24,041
60-64	0	40,868	0	22,330	0	0	0	31,599
65-69	0	0	0	0	0	0	0	0
70-74	0	0	0	24,389	0	0	19,075	21,732
75-79	0	0	0	0	0	0	n	n
80-84	0	0	0	0	0	Õ	0	Ô
85+	0	0	0	0	0	Ö	ő	0
ALL	0	28,292	23,862	23,360	0	0	19,075	25,353

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS RETIRED

					 .	,		
A	- 1							
Age	<1	1_4	5.0	10 1 <i>1</i>	16 10	20.24	251	and the second second
		1-7	シ ーフ	10-14	17-19	20-24	754	AII
	The second section of the second section is a second				<u></u>	<u> 20 2 7 </u>	<u> </u>	ALL
		化多烷 医抗性性性 化二氯化		35 64 GG 1999 在1995 1997 11	 The Committee Code (Code (Cod	NAME OF THE OWNER OF THE PARTY	100 pt 10	State and the first transfer of the first of
Δ II	in the second section Ω and the second	112140	23.862	46 720				
~11.			23.802	46.720		ki 1996 maka mita dasi 🕰 😘 🦠	10.075	202,824
	이 사람들은 사람들이 하는 것이 가지나 있다면	그리다 그 씨는 그 그 글을	23,602		programme in the contract of t		17.070	ZUZ NZ4
				era e e e e e e e e e e e e e e e e e e				

WEST ST. PAUL POLICE CONSOLIDATION ACCOUNT

SURVIVORS AS OF JUNE 30, 1996

YEARS SINCE DEATH

<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	25+	ALL
<50	0	0	0	0	0	0	0	0
50-54	0	2	0	0	0	0	0	2
55-59	0	0	0	0	0	0	0	0
60-64	0	0	0	0	0	0	0	0
65-69	0	0	1	0	0	0	0	1
70-74	0	0	0	2	0	0	0	2
75-79	0	0	0	0	0	0	0	0
80-84	0	0	0	0	0	0	0	0
85+	0	0	0	0	0	0	0	0
ALL	0	2	1	2	0	0	0	5

AVERAGE ANNUAL BENEFIT

YEARS SINCE DEATH

Age	<u><1</u>	1-4	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	<u>20-24</u>	<u>25+</u>	ALL
<50	0	0	0	0	0	0	0	0
50-54	0	18,193	0	0	0	0	0	18,193
55-59	0	0	0	0	0	0	0	0
60-64	0	0	0	0	0	0	0	0
65-69	0	0	12,657	0	0	0	0	12,657
70-74	0	0	0	12,657	0	0	0	12,657
75-79	0	0	0	0	0	0	0	0
80-84	0	0	0	0	0	0	Ö	Ô
85+	0	0	0	0	0	0	0	0
ALL	0	18,193	12,657	12,657	0	0	0	14,871

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS SINCE DEATH

Age	<1	1_/	5.0	10 14	15 10	20.24	25	ati dalam salah dalam 🖚 🖚 salah dalam salah sa
	<u>1</u>	1	<u>3-3</u>	<u>10-14</u>	13-19	20-24	<i>2</i> 5+	ALL
19 9 A S , c	一点是这个最后就是这样也不知识的。	ji yayanga akanapatan taleh kilose	ecolotica decisioneres especiales.	COURT SAN ARTER AND AREA AND AREA AND AREA	National Action is a second contraction of the second			
All	0	36.386	12 657	25 314	Λ	Λ		74355
11.12.22		20,200	······································	20,017	reflere energy a Marier	V	U	74,355

WEST ST. PAUL POLICE CONSOLIDATION ACCOUNT

DISABILITY RETIREMENTS AS OF JUNE 30, 1996

YEARS DISABLED

Λ σο		1.4	5.0	10.14	15.10	20.24	
<u>Age</u>	71	1-4	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	<u>20-24</u>	<u> 25+</u> <u>ALL</u>
<50	0	0	0	0	0	0	0 0
50-54	0	1	0	0	0	0	0 1
55-59	0	0	0	0	0	0	0 0
60-64	0	0	0	Ō	Ö	ő	0 0
65-69	0	0	0	0	0	n	0
70-74	0	0	Ŏ	Ŏ	ŏ	ő	0 0
75-79	0	0	0	0	n	0	<u> </u>
80-84	0	Ō	Ö	0	0	0	0 0
85+	0	0	0	0	0	0	0 0
ALL	0		0	0	0	0	0 1

AVERAGE ANNUAL BENEFIT

YEARS DISABLED

Age	<u><1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	25+	ALL
<50	0	0	0	0	0	0	0	O
50-54	0	34,227	0	0	0	0	Ō	34,227
55-59	0	0	0	0	0	0	0	0
60-64	0	0	0	0	0	0	0	0
65-69	0	0	0	0	0	0	0	0
70-74	0	0	0	0	0	0	Ö	Ŏ
75-79	0	0	0	0	0	0	0	0
80-84	0	0	0	0	0	0	0	ň
85+	0	0	0	0	0	0	Ŏ	Ō
ALL	0	34,227	0	0	0	0	0	34,227

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS DISABLED

A OP	<1	1 /	5.0	10 14	15 10	00.04		
4150	<u>~1</u>	1-4	3-7	10-14	15-19	711-74	25+	Δ Τ . Ι Δ Τ . Ι
Service of the			<u></u>			<u> 20 2 :</u>	<u> </u>	
			AGGERGALES EL LEGENT DE LA	一直 医皮肤内部 化氯化铵 化氯化铵	9 1001120November 2010 Pro-	The first of the control of the cont	OLIVATORIA DI SERVIZIO	 State of the property of the prop
 A II		つ イ ハウラード	Strafferouterie blei 🗥 in			 *** ** *** *** *** *** *** *** *** ***	C01150.15.154.544 Web at L	
AII :		34.ZZ1	The first $oldsymbol{U}$ is a $oldsymbol{U}$ in $oldsymbol{U}$	$\mathbf{U} = \mathbf{U} \otimes \mathbf{U} \otimes \mathbf{U}$	0		Schiologic State (care in A	
	그리고 말을 가득한 당시하는 것이 가다.	- 7 ' ' 1		UN LYAPISEE Y ###	wyggodyna v	U	Sauge, area, arrestor d	24,227

Reconciliation Of Members

			Termin	nated
			Deferred	Other
		Actives	Retirement	Non-Vested
A.	ON JUNE 30, 1995	9	1	0
В.	ADDITIONS	0	0	0
C.	DELETIONS			
	1. Service Retirement	0	0	0
	2. Disability	0	0	0
	3. Death-Survivor	0	0	0
	4. Death-Other	0	0	0
	5. Terminated - Deferred	0	0	0
	6. Terminated - Refund	0	0	0
	7. Terminated - Other Non-Vested	0	0	0
	8. Returned as Active	0	0	0
D.	DATA ADJUSTMENTS	0	0	0
	Vested	9		
	Non-Vested	ó		
		v		
E.	TOTAL ON JUNE 30, 1996	9	1	0
			Recipients	
		Retirement		
		Annuitants	Disabled	Survivors
A.	ON JUNE 30, 1995	8	1	5
B.	ADDITIONS	0	0	0
C.	DELETIONS			
	1. Service Retirement	0	٥	•
	2. Death		0	0
	3. Annuity Expired	0	0	0
	4. Returned as Active	0	0	0
D			0	. 0
D.	DATA ADJUSTMENTS	0	0	0
E.	TOTAL ON JUNE 30, 1996	8	1	5

Actuarial Balance Sheet

(actual dollars)

A.	CURRENT ASSETS (1.04% of Table 1, F6)		\$7,864,993
В.	EXPECTED FUTURE ASSETS		
	 Present Value of Employee Contributions Present Value of Regular Municipal Contributions Present Value of Additional Municipal Contributions Total Expected Future Assets 		\$336,089 504,134 (1,423,726) (\$583,503)
C.	TOTAL CURRENT AND EXPECTED FUTURE ASSETS		\$7,281,490
D.	CURRENT PENSION BENEFIT OBLIGATIONS		
	Retirees and Beneficiaries Currently Receiving Benefits and Terminated Employees Not Yet Receiving Benefits		\$4,047,178
	2. Current Employees		
	 a. Accumulated Employee Contributions Including Allocated Investment Income* b. Employer-Financed Vested c. Employer-Financed Nonvested d. Total 	\$449,261 1,752,767 0	\$2,202,028
	3. Total Pension Benefit Obligation		\$6,249,206
E.	EXPECTED FUTURE PENSION BENEFIT OBLIGATION		\$1,032,284
F.	TOTAL CURRENT AND EXPECTED FUTURE PENSION BENEFIT OBLIGATION		\$7,281,490
G.	CURRENT UNFUNDED ACTUARIAL LIABILITY (D3-A)		(\$1,615,787)
H.	CURRENT AND FUTURE UNFUNDED ACTUARIAL LIABI	LITY (F-C)	\$0
*Es	etimated		

Entry Age Normal Cost Calculations

(actual dollars)

JULY 1, 1996

		Number of Participants	Present Value of Projected Benefits	Actuarial Accrued Liabilities
A.	DETERMINATION OF ACTUARIAL ACCRUED LIABILITY (AAL)			
	1. Active Members			
	a. Elected PERA Police and Fire	7	\$2,592,827	\$1,987,975
	b. No Election (Greater Value)	2	641,485	393,008
	c. Total	9	\$3,234,312	\$2,380,983
	2. Former Members			
	a. Elected PERA Police and Fire	1	273,846	\$273,846
	b. No Election (Greater Value)	0	0	0
	c. Total	1	\$273,846	\$273,846
	3. Benefit Recipients			
	a. Elected PERA Police and Fire*	14	\$3,773,332	\$3,773,332
	b. Elected Relief Association	0	0	0
	c. Total	14	\$3,773,332	\$3,773,332
	4. Total			
	 Elected PERA Police and Fire* 	22	\$6,640,005	\$6,035,153
	b. Elected Relief Association	0	0	0
	c. No Election (Greater Value)	2	641,485	393,008
	d. Total	24_	\$7,281,490	\$6,428,161
В.	DETERMINATION OF UNFUNDED A	CTUARIAL ACC	RUED LIABILITY	(UAAL)
	1. AAL (A4)			\$6,428,161
	2. Current Assets (1.04% of Table 1,F6)			7,864,993
	3. UAAL (B1-B2)			(\$1,436,832)
C.	NORMAL COST			\$95,972

* Includes MPRIF Reserves of \$2,750,501

Net Actuarial Loss (Gain)

(actual dollars)

A.	ACTUARIAL PRESENT VALUE OF PROJECTED BENEFITS (Table 9-166) 1. Elected PERA Police and Fire 2. Elected Relief Association 3. No Election (Greater Value) 4. Total	\$6,640,005 0 641,485 \$7,281,490
B.	PRESENT VALUE OF FUTURE EMPLOYEE CONTRIBUTIONS	
	1. Elected PERA Police and Fire	\$235,461
	2. No Election (Greater Value)	\$100,628
	3. Total	\$336,089
C.	PRESENT VALUE OF FUTURE REGULAR MUNICIPAL CONTRIBUTIONS 1. Elected PERA Police and Fire	
	2. No Election (Greater Value)	\$353,192
	3. Total	\$150,942 \$504,134
	-	\$304,134
D.	CURRENT VALUE OF TOTAL ASSETS (1.04% of Table 1, F6)	\$7,864,993
E.	PRESENT VALUE OF FUTURE ADDITIONAL MUNICIPAL CONTRIBUTION	NS
	1. Initial contribution - Amortized Through December 31, 2010	\$2,318
	2. 15 year amortization of prior years' loss (gain)	(1,069,886)
	(Table 11, B.2.b + B.2.c + B.2.d + B.2.e+B.2.f + B.2.g + B.2.h)	(=)======
	3. Total	(\$1,067,568)
F.	LOSS (GAIN) [A-B-C-D-E]	(\$356,158)
G.	ANALYSIS OF LOSS (GAIN)	
-	1. MPRIF Mortality	\$00 74 <i>5</i>
	2. PERA Benefit Election	\$28,745
	3. Additional Contributions Made	(132,689)
	4. Other	(252,214)
	5. Total	(\$356,158)
. -		
H.	15 YEAR AMORTIZATION OF LOSS (GAIN)	(41,175)

Determination of Statutory Contributions

(actual dollars)

JULY 1, 1996

				Percent of Payroll	Dollar Amount
A.	EMPLOYE	EE CONTRIBUTIONS		7.60%	\$35,293 *
В.		ER CONTRIBUTIONS justment For State Aid)			
	1. Regular	municipal contribution		11.40%	\$52,939 *
	2. Addition	nal municipal contribution			
		Date	Current	Last	Payment
		Established	Balance	Payment	Amount**
	a.	Initial	\$2,318	12/31/2010	\$268
	b.	07/01/88	\$0	12/31/2002	\$0
	c.	07/01/89	\$0	12/31/2003	\$0
	d.	07/01/90	\$0	12/31/2004	\$0
	e.	07/01/91	\$0	12/31/2005	\$0
	f.	07/01/92	\$0	12/31/2006	\$0
	g.	07/01/93	\$0	12/31/2007	\$0
	h.	07/01/94	(\$950,748)	12/31/2008	(\$118,678)
	i.	07/01/95	(\$119,138)	12/31/2009	(\$14,279)
	j.	07/01/96	(\$356,158)	12/31/2010	(\$41,175)
	k.	Total	(\$1,423,726)		(\$173,864)

C. ESTIMATED TOTAL STATUTORY CONTRIBUTION

(\$85,632)

^{*} Estimated based on prior years' payroll

^{**} Contribution is assumed to be paid on December 31, 1996

WINONA FIRE CONSOLIDATION ACCOUNT ACTIVE MEMBERS AS OF JUNE 30, 1996

*7		
Years	or Se	rvice

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	<u>20-24</u>	25-29	30+ ALL
<25	0	0	0	0	0	0	0	0 0
25-29	0	0	0	0	0	0	0	0 0
30-34	0	0	0	0	0	0	0	0 0
35-39	0	0	0	0	1	0	o	0 1
40-44	0	0	0	0	4	1	0	0 5
45-49	0	0	0	0	1	1	1	0 3
50-54	0	0	0	0	0	i	1	0 2
55-59	0	0	0	0	0	0	0	0 2 0
60-64	0	0	0	0	0	0	0	
65+	0	0	0	0	0	0	0	0 0
ALL	0	0	0	0	6	3	2	1 12

AVERAGE ANNUAL EARNINGS

Years of Service

				10.	TID OI DEL TI				
<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u> 15-19</u>	<u>20-24</u>	<u>25-29</u>	30+	ALL
<25	0	0	0	0	0	0	0	0	0
25-29	0	0	0	0	0	0	0	o i	Ō
30-34	0	0	0	0	0	0	0	0	0
35-39	0	0	0	0	45,109	0	0	0	45,109
40-44	0	0	0	0	42,468	40,403	0	0	42,055
45-49	0	0	0	0	40,520	41,031	44,918	0	42,156
50-54	0	0	0	0	0	53,308	39,748	0	46,528
55-59	0	0	0	0	0	0	0	0	0
60-64	0	0	0	0	0	0	0	44,563	44,563
65+	0	0	0	0	0	0	0	0	0
ALL	0	0	0	0	42,584	44,914	42,333	44,563	43,289

PRIOR FISCAL YEAR EARNINGS (IN DOLLARS) BY YEARS OF SERVICE

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	10-14	15-19	20-24	25-29	30+	ALL
All	0	0	.0	0	255,504	134,742	84,666	44,563	 519,468

SERVICE RETIREMENTS AS OF JUNE 30, 1996

VE.	A DC	RETI	
I F./	4 13 7	KK.II	IKKII

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	10-14	15-19	<u>20-24</u>	<u>25+</u>	ALL
<50	0	0	0	0	0	0	-0	0
50-54	0	0	0	0	0	0	ő	0
55-59	0	1	1	0	n	n	0	
60-64	0	6	Ô	1	0	0	0	7
65-69	0	5	1	0	1	0	^	
70-74	0	0	1	2	2	3	0	10 8
75-79	0	0	٥	0	1	^	•	
80-84	ŏ	0	0	0	1	0	0	1
85+	0	0	0	0	1	0	1	2
ALL	0	12	3	3	9			21
		Professional Presidences	in the Beth # Table 4					21

AVERAGE ANNUAL BENEFIT

YEARS RETIRED

<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	<u>25+</u>	ALL
<50	0	0	0	0	0	0		0
50-54	0	0	0	0	0	0	ŏ	0
55-59	0	24,949	14,650	0	0	0	0	19,800
60-64	0	24,585	0	16,481	0	0	0	23,427
65-69	0	29,744	30,254	0	20,950	0	0	26,277
70-74	0	0	21,886	23,792	22,322	19,690	0	21,648
75-79	0	0	0	0	19,143	0	0	19,143
80-84	0	0	0	0	23,442	0	Õ	23,442
85+	0	0	0	0	21,878	0	20,237	21,058
ALL	0	26,765	22,263	21,355	21,434	19,690	20,237	23,363

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS RETIRED

						,		
<u>Age</u>	-1	1 /	<i>č</i> 0	10 1 4	1 = 10			
TIEC .	~ 1	I -4	7-4	111-14	15_10	20-24	251	1. 55 - 2. 5 - 1 A T - 2 - 11 - 11 - 11 - 11 - 11
		<u></u> -	2.	10-14	12777	20-24	23 T	TO A CONTRACT OF THE PROPERTY
5000 0000 000	THE COURSE WAS A STREET AND AND ADDRESS.	and the contract of the contract of the contract of the con-						
	4.00				100 110 100 000 000 000 000 000 000 000	NGC STANDS AND NORMAND CONTRACTOR CONTRACTOR	MANAGED AND ADDRESS OF THE PARK OF	and the second of the second o
ΔII	$\boldsymbol{\Lambda}$	321180	CC 700	the second second second second				
All	25 C.	- 3∠1.18U	66.789	64,065	192,906	50 N7N	**************************************	724,253
	Maria Maria Salata and American		00,107	U1.00J	172.700		711747	1 /4 / 1
				MMILL A ANDREAS OF THE STATE OF				

SURVIVORS AS OF JUNE 30, 1996

YEARS SINCE DEATH

<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	<u>25+</u>	ALL
<50	0	0	0	0	1	0		
50-54	0	0	1	0	1	Ō	ő	2
55-59	0	0	0	0	1	٥	0	
60-64	0	ñ	1	1	0	0	0	
	•	Ū	•	•	U	U	U	4
65-69	0	0	0	0	0	0	0	0
70-74	0	0	0	1	0	1	1	3
75-79	0	0	0	1	n	٥	1	
80-84	0	0	1	ò	Ô	2	1	
85+	0	0	Ô	Õ	1	1	1	4
		a Baran	Ů	·	• .		4	
ALL	0	0	3.	3	4	4	5	19

AVERAGE ANNUAL BENEFIT

YEARS SINCE DEATH

					·	-		
<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	25+	ALL
<50	0	0	0	0	13,254	0	0	13,254
50-54	0	0	9,412	0	9,845	0	0	9,629
55-59	0	0	0	0	9,845	0	0	9,845
60-64	0	0	9,348	9,845	0	0	Ō	9,597
65-69	0	0	0	0	0	0	0	O
70-74	0	0	0	9,845	0	9,840	9,845	9,843
75-79	0	0	0	8,240	0	0	9,845	9,043
80-84	0	0	9,845	0	0	9,845	8,767	9,576
85+	0	0	0	0	9,845	9,845	9,840	9,843
ALL	0	0	9,535	9,310	10,697	9,844	9,627	9,834

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS SINCE DEATH

<u>Age</u>	<1	1-4	5-9	10-14	15-19	20-24	25±	AT In the second
All	0		28,605	27,930	42.700	Life of the special residence	<u>231</u> 40.135	ALL
A SECURE OF	errorrandi Seb	Control of the contro	20,003	21,730	42,700	39,376	48,135	186,846

DISABILITY RETIREMENTS AS OF JUNE 30, 1996

YEARS DISABLED

Age	<u><1</u>	1-4	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	25+	ALL
<50	0	0	1	0	0	0	- 0	
50-54	0	0	0	0	0	0	Õ	o
55-59	0	0	0	0	0	0	n	0
60-64	0	0	0	0	0	Ö	0	0
65-69	0	0	0	0	0	0	0	
70-74	0	0	0	0	0	0	ŏ	0
75-79	0	0	0	0	0	0	0	0
80-84	0	0	0	0	0	0	0	ň
85+	0	0	0	0	0	Ō	Ŏ	Ŏ
ALL	0	0	•	0	0	0	0	

AVERAGE ANNUAL BENEFIT

YEARS DISABLED

1								
Age	<u><1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	25+	ALL
<50	0	0	14,650	0	0	0	0	14,650
50-54	0	0	0	0	0	0	Ŏ	0
55-59	0	0	0	0	0	0	٥	n
60-64	0	0	0	0	0	Ö	0	0
65-69	0	0	0	0	n	٥	0	0
70-74	0	0	0	Ö	0	0	0	0
75-79	0	0	0	0	0	0	0	
80-84	0	0	Ō	Õ	0	Õ	0	n e
85+	0	0	0	0	Õ	Ö	0	0
ALL	0	0	14,650	0	0	0	0	14,650

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS DISABLED

						· , – – – – — — — — — — — — — — — — — — —		
<u>Age</u>	<u><1</u>	1-4	5-9	10-14	15-19	20-24	25+	ALI
All	0	0	14 0 11	0	0		<u> </u>	

Reconciliation Of Members

			Termi	nated
			Deferred	Other
		Actives	Retirement	Non-Vested
A.	ON JUNE 30, 1995	12	1	0
В.	ADDITIONS	0	0	0
C.	DELETIONS			
	1. Service Retirement	0	0	0
	2. Disability	0	0	0
	3. Death-Survivor	0	0	0
	4. Death-Other	0	0	0
	5. Terminated - Deferred	0	0	0
	6. Terminated - Refund	0	0	0
	7. Terminated - Other Non-Vested	0	0	0
	8. Returned as Active	0	0	0
D.	DATA ADJUSTMENTS	0	0	0
	Vested	12		
	Non-Vested	0		
E.	TOTAL ON JUNE 30, 1996	12	1	0
			Recipients	
		Retirement		
		Annuitants	Disabled	Survivors
A.	ON JUNE 30, 1995	33	1	18
В.	ADDITIONS	0	0	1
C.	DELETIONS			
	1. Service Retirement	0	0	0
	2. Death	(2)	0	ő
	3. Annuity Expired	O´	0	0
	4. Returned as Active	0	0	0
D.	DATA ADJUSTMENTS	0	0	0
E.	TOTAL ON JUNE 30, 1996	31	1	19

Actuarial Balance Sheet

(actual dollars)

A.	CURRENT ASSETS (1.32% of Table 1, F6)		\$9,965,786
В.	EXPECTED FUTURE ASSETS		
	 Present Value of Employee Contributions Present Value of Regular Municipal Contributions Present Value of Additional Municipal Contributions Total Expected Future Assets 		\$422,503 633,754 2,988,935 \$4,045,192
C.	TOTAL CURRENT AND EXPECTED FUTURE ASSETS	\$14,010,978	
D.	CURRENT PENSION BENEFIT OBLIGATIONS		
	 Retirees and Beneficiaries Currently Receiving Benefits and Terminated Employees Not Yet Receiving Benefits 		\$10,349,578
	2. Current Employees		
	 a. Accumulated Employee Contributions Including Allocated Investment Income* b. Employer-Financed Vested c. Employer-Financed Nonvested d. Total 	\$495,273 1,886,191 0	\$2,381,464
	3. Total Pension Benefit Obligation		\$12,731,042
E.	EXPECTED FUTURE PENSION BENEFIT OBLIGATION		\$1,279,936
F.	TOTAL CURRENT AND EXPECTED FUTURE PENSION BENEFIT OBLIGATION		\$14,010,978
G.	CURRENT UNFUNDED ACTUARIAL LIABILITY (D3-A)		\$2,765,256
H.	CURRENT AND FUTURE UNFUNDED ACTUARIAL LIABII	LITY (F-C)	\$0
*Es	timated		

Entry Age Normal Cost Calculations

(actual dollars)

JULY 1, 1996

A.	DETERMINATION OF ACTUARIAL	Number of Participants	Present Value of Projected Benefits	Actuarial Accrued Liabilities
	ACCRUED LIABILITY (AAL)			
	Active Members a. Elected PERA Police and Fire		• • • • • •	
	b. No Election (Greater Value)	9	\$2,760,520	\$1,979,054
	c. Total	$\frac{3}{12}$	900,880	646,233
	o. Total	12	\$3,661,400	\$2,625,287
	2. Former Members			
	a. Elected PERA Police and Fire	1	195,040	\$195,040
	b. No Election (Greater Value)	0	0	φ1,55,0 1 0
	c. Total	1	\$195,040	\$195,040
	3. Benefit Recipients		·	
	a. Elected PERA Police and Fire*	47	\$9,252,699	\$9,252,699
	b. Elected Relief Associationc. Total	4	901,839	901,839
	c. Total	51	\$10,154,538	\$10,154,538
	4. Total		*	
	a. Elected PERA Police and Fire*b. Elected Relief Association	57	\$12,208,259	\$11,426,793
	c. No Election (Greater Value)	4	901,839	901,839
	d. Total	3	900,880	646,233
	1000	04	\$14,010,978	<u>\$12,974,865</u>
В.	DETERMINATION OF UNFUNDED A	CTUARIAL ACCI	RUED LIABILITY	(UAAL)
	1. AAL (A4)			\$12,974,865
	2. Current Assets (1.32% of Table 1,F6)			9,965,786
	•			
	3. UAAL (B1-B2)			\$3,009,079
C.	NORMAL COST			\$102,514

* Includes MPRIF Reserves of \$8,451,546

Net Actuarial Loss (Gain) (actual dollars)

A.	ACTUARIAL PRESENT VALUE OF PROJECTED BENEFITS (Table 9-083) 1. Elected PERA Police and Fire 2. Elected Relief Association 3. No Election (Greater Value) 4. Total	\$12,208,259 901,839 900,880 \$14,010,978
В.	PRESENT VALUE OF FUTURE EMPLOYEE CONTRIBUTIONS	
	1. Elected PERA Police and Fire	\$316,645
	2. No Election (Greater Value)	\$105,858
	3. Total	\$422,503
C.	PRESENT VALUE OF FUTURE REGULAR MUNICIPAL CONTRIBUTIONS	
	1. Elected PERA Police and Fire	\$474,967
	2. No Election (Greater Value)	\$158,787
	3. Total	\$633,754
D.	CURRENT VALUE OF TOTAL ASSETS (1.32% of Table 1, F6)	\$9,965,786
E.	PRESENT VALUE OF FUTURE ADDITIONAL MUNICIPAL CONTRIBUTIO	
	1. Initial contribution - Amortized Through December 31, 2010	\$6,054,070
	2. 15 year amortization of prior years' loss (gain)	(2,633,040)
	(Table 11, B.2.b + B.2.c + B.2.d + B.2.e+B.2.f + B.2.g + B.2.h)	-
	3. Total	\$3,421,031
Б	LOGG (CLADA LA D. C. D. D.	_
F.	LOSS (GAIN) [A-B-C-D-E]	<u>(\$432,096)</u>
G.	ANALYSIS OF LOSS (GAIN)	
	1. MPRIF Mortality	(\$151,755)
	2. PERA Benefit Election	0
	3. Additional Contributions Made	0
	4. Other	(280,341)
	5. Total	(\$432,096)
H.	15 YEAR AMORTIZATION OF LOSS (GAIN)	(49,953)

Determination of Statutory Contributions

(actual dollars)

JULY 1, 1996

				Percent of Payroll	Dollar Amount
A.	EMPLOYI	EE CONTRIBUTIONS		7.60%	\$39,480 *
В.		ER CONTRIBUTIONS ljustment For State Aid)			
	1. Regular	municipal contribution		11.40%	\$59,220 *
	2. Addition	nal municipal contribution			
		Date	Current	Last	Payment
		Established	Balance	Payment	Amount**
	a.	Initial	\$6,054,070	12/31/2010	\$699,895
	b.	07/01/88	\$0	12/31/2002	\$0
	c.	07/01/89	\$0	12/31/2003	\$0
	d.	07/01/90	(\$2,952,997)	12/31/2004	(\$463,301)
	e.	07/01/91	\$861,477	12/31/2005	\$126,048
	f.	07/01/92	(\$631,972)	12/31/2006	(\$87,059)
	g.	07/01/93	(\$381,452)	12/31/2007	(\$49,860)
	h.	07/01/94	\$450,403	12/31/2008	\$56,222
	i.	07/01/95	\$21,501	12/31/2009	\$2,577
	j.	07/01/96	(\$432,096)	12/31/2010	(\$49,953)
	k.	Total	\$2,988,935		\$234,569
C.	ESTIMATI	ED TOTAL STATUTORY (CONTRIBUTION		\$333,269

^{*} Estimated based on prior years' payroll

^{**} Contribution is assumed to be paid on December 31, 1996

ACTIVE MEMBERS AS OF JUNE 30, 1996

	Years of Service							
Age	<u><1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	25-29	30+ ALL
<25	0	0	0	0	0			
25-29	0	0	0	0	0	Ö	Ŏ	0 0
30-34	0	0	0	0	0	0	0	0
35-39	0	0	0	0	0	0	0	0 0
40-44	0	0	0	0	1	1	0	0 2
45-49	0	0	0	0	2	3	0	0 5
50-54	0	0	0	0	1	3	1	1 6
55-59	0	0	0	0	0	0	1	0 1
60-64	0	0	0	0	0	0	0	0 0
65+	0	0	0	0	0	0	0	0 0
ALL	0	0	0	0	4	7	2	1 1/

AVERAGE ANNUAL EARNINGS

•	Years of Service								
<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	15-19	<u>20-24</u>	<u>25-29</u>	30+	ALL
<25	0	0	0	0	0	0	0		o
25-29	0	0	0	0	0	0	0	0	0
30-34	0	0	0	0	0	0	0	0 -	0
35-39	0	0	0	0	0	0	0	0	0
40-44	0	0	0	0	46,725	47,774	0	0	47,250
45-49	0	0	0	0	47,419	45,993	0	0	46,563
50-54	0	0	0	0	48,033	43,581	39,301	50,182	44,710
55-59	0	0	0	0	0	0	41,952	0	41,952
60-64	0	0	0	0	0	0	0	0 - 1	0
65+	0	0		0	0	0	0	0	0
ALL	0	0	0	0	47,399	45,214	40,627	50,182	45,537

	P	KIOK F150	CAL YEAR	CEARNING	S (IN DOI	LLARS) BY	(YEARS O	F SERV	ICE
<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	10-14	15-19	20-24	25-29	30±	AII
Ali	0	Ô		100 M	180 506	316.408	91.254	<u> </u>	

SERVICE RETIREMENTS AS OF JUNE 30, 1996

T. P. A.	\mathbf{D}	RETIRED
YHA		RETURNS

<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	10-14	<u>15-19</u>	<u>20-24</u>	25+	ALL
<50	0	0	0	0	0	0	0	0
50-54	0	0	0	0	0	0	ŏ	0
55-59	1	3	1	0	0	0	0	
60-64	0	2	0	3	ő	0	0	5
65-69	0	0	1	1	1	n	0	•
70-74	0	0	0	1	1	0	0	2
75- 7 9	0	0	0	1	0	2	2	
80-84	0	0	0	0	0	0	0	0
85+	0	0	0	0	0	2	2	4
ALL	1	5	2	6	2	- 	Ţ	
' KORO A .		the second second	MR I INSTITUTE OF	소용 19 중요 (19 41년)		· •		25

AVERAGE ANNUAL BENEFIT

YEARS RETIRED

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	<u>20-24</u>	<u>25+</u>	ALL
<50	0	0	0	0	0	0	0	0
50-54	0	0	0	0	0	0	Ŏ	0
55-59	29,059	24,251	21,123	0	Λ	0	0	
	,	•			U	U	0	24,587
60-64	0	32,242	0	21,237	0	0	0	25,639
65-69	0	0	24,504	19,179	20,822	0	0	21,502
70-74	0	0	0	24,313	23,839	0	0	24,076
75-79	0	0	0	23,660	0	22,740	20,274	21,660
80-84	۸	Λ	0		0	22,740	20,274	21,000
	U	U	U	U	Ū	0	0	0
85+	0	0	0	0	0	23,012	21,363	22,188
ALL	29,059	27,447	22,814	21,811	22,331	22,876	20,710	23,300
and the second of the second	TO SHOW THE SHOULD	and the search of the sealing of the	dinerii. II. II. II. II. II. II. II. II. II.			22,070	20,710	43,300

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS RETIRED

						· · · /		
<u>Age</u>	<u><1</u>	1-4	5-9	10-14	15-19	20-24	25+	ATT
All	 20.050	137,235	45,628	120.000		<u> </u>	<u> </u>	ALL
	49,009	1.71,400	42,028	130,866	44,662	91,504		582,500

SURVIVORS AS OF JUNE 30, 1996

YEARS	SINCE	DEATH
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						- -		
<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	20-24	25+	ALL
<50	0	0	0	0	0	0		
50-54	0	0	0	0	0	ő	n	Λ
55-59	0	0	0	0	0	0	٥	
60-64	0	1	Ō	0	0	0	0	1
65-69	0	0	0	0	0	0	n	0
70-74	0	0	0	1	0	Ö	Õ	1
75-79	0	0	1	0	0	0	a	1
80-84	0	0	0	0	0	0	2	,
85+	0	0	0	0	0	Ö	ō	ñ
ALL	0		1	1	0	0	2	.

AVERAGE ANNUAL BENEFIT

YEARS SINCE DEATH

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	15-19	20-24	25+	ALL
<50	0	0	0	0	0			0
50-54	0	0	0	0	Ō	Ö	Ö	0
55-59	0	0	0	0	0	0	0	0
60-64	0	14,642	0	0	0	0	0	14,642
65-69	0	0	0	0	0	0	0	Ō
70-74	0	0	0	9,678	0	0	Ö	9,678
75-79	0	0	9,863	0	0	0	0	9,863
80-84	0	0	0	0	0	0	9,770	9,770
85 +	0	0	0	0	0	0	0	,,,,0
ALL	0	14,642	9,863	9,678	0	0	9,770	10,745

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS SINCE DEATH

A 00	-1							
Age	< !	1_4	50	10 14	15 10	00.04		
		1	リーフ	10-14	13-19	70-74	75+	The State A.Y. Yankida Arram
	and the second second				10 17	20 24	23.	
		A CANADA A CANADA CANADA CANADA		 1. A 10 Process 200 (1994). 	emedication of The Law	A CONTRACTOR OF THE STATE OF TH	 	+4 14 (1.0000 - 1.00000000 0) (1.001.1.4).
ΔII	Λ.	14 240	0.023	A / B B				
2 kii	. Televania - Vers	14.042	7.803	4 6 / X	warren waardaa n		10 540	】 じゅうさんかん かっとうかつべき しょう
	COST SERVICES CALLS IN	The second of the control of the second				V	ニー・1 ア・ノイし	J 33.123

DISABILITY RETIREMENTS AS OF JUNE 30, 1996

YE.A	RS	DISA	ARI	ED.
			~~	

<u>Age</u>	<u><1</u>	1-4	<u>5-9</u>	<u>10-14</u>	15-19	20-24	25+	ALL
<50	0	0	0	0	0	. 0		
50-54	0	1	0	0	0	0	ő	ĭ
55-59	0	0	0	0	0	0	0	
60-64	0	0	0	0	0	Ō	ŏ	0
65-69	0	0	0	0	0	0	0	0
70-74	0	0	0	0	0	0	Ŏ	Ŏ
75-79	0	0	0	0	0	0	0	0
80-84	0	0	0	0	0	0	0	ň
85+	0	0	0	0	0	0	Ö	0
ALL	0	1.	0	0	0	0	0	1

AVERAGE ANNUAL BENEFIT

YEARS DISABLED

<u>Age</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	10-14	<u>15-19</u>	20-24	<u>25+</u>	ALL
<50	0	0	0	0	0	0		
50-54	0	26,684	0	0	0	0	Ö	26,684
55-59	0	0	0	0	0	0	0	0
60-64	0	0	0	0	0	0	0	0
65-69	0	0	0	0	0	0	0	0
70-74	0	0	0	0	0	0	0	0
75-79	0	0	0	0	0	0	0	0
80-84	0	0	0	0	0	0	0	0
85+	0	0	0	0	0	0	0	0
ALL	0	26,684	0	0	0	0	0	26,684

TOTAL ANNUAL BENEFIT (ACTUAL DOLLARS) BY YEARS DISABLED

						·,		
<u>Age</u>	<u><1</u>	1-4	5-9	10-14	15-19	20-24	25+	ΔΙΤ
All	0	26,684	0	0	0		<u> </u>	26.684

Reconciliation Of Members

			Termi	nated
		Actives	Deferred Retirement	Other Non-Vested
A.	ON JUNE 30, 1995	15	1	0
В.	ADDITIONS	0	0	0
D.	DELETIONS 1. Service Retirement 2. Disability 3. Death-Survivor 4. Death-Other 5. Terminated - Deferred 6. Terminated - Refund 7. Terminated - Other Non-Vested 8. Returned as Active DATA ADJUSTMENTS Vested Non-Vested TOTAL ON JUNE 30, 1996	(1) 0 0 0 0 0 0 0 0 14 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0
A.	ON JUNE 30, 1995	Retirement Annuitants	Recipients Disabled	Survivors 5
В.	ADDITIONS	1	_	
C.	DELETIONS 1. Service Retirement 2. Death 3. Annuity Expired 4. Returned as Active	0 0 0 0	0 0 0 0	0 0 0 0
D.	DATA ADJUSTMENTS	0	0	0
E.	TOTAL ON JUNE 30, 1996	25	1	5

Actuarial Balance Sheet

(actual dollars)

A.	CURRENT ASSETS (1.15% of Table 1, F6)		\$8,645,511
B.	EXPECTED FUTURE ASSETS		
	 Present Value of Employee Contributions Present Value of Regular Municipal Contributions Present Value of Additional Municipal Contributions Total Expected Future Assets 		\$423,093 634,639 1,556,737 \$2,614,469
C.	TOTAL CURRENT AND EXPECTED FUTURE ASSETS		\$11,259,980
D.	CURRENT PENSION BENEFIT OBLIGATIONS		
	1. Retirees and Beneficiaries Currently Receiving Benefits and Terminated Employees Not Yet Receiving Benefits		\$6,693,140
	2. Current Employees		
	 a. Accumulated Employee Contributions Including Allocated Investment Income* b. Employer-Financed Vested c. Employer-Financed Nonvested d. Total 	\$613,997 2,613,589 0	\$3,227,586
	3. Total Pension Benefit Obligation		\$9,920,726
E.	EXPECTED FUTURE PENSION BENEFIT OBLIGATION		\$1,339,254
F.	TOTAL CURRENT AND EXPECTED FUTURE PENSION BENEFIT OBLIGATION		\$11,259,980
G.	CURRENT UNFUNDED ACTUARIAL LIABILITY (D3-A)		\$1,275,215
H.	CURRENT AND FUTURE UNFUNDED ACTUARIAL LIABII	LITY (F-C)	\$0
*Es	timated		

Entry Age Normal Cost Calculations

(actual dollars)

		Number of Participants	Present Value of Projected Benefits	Actuarial Accrued Liabilities
A.	DETERMINATION OF ACTUARIAL ACCRUED LIABILITY (AAL)			
	1. Active Members			
	a. Elected PERA Police and Fire	12	\$3,956,231	\$3,008,328
	b. No Election (Greater Value)	2	610,609	477,243
	c. Total	14	\$4,566,840	\$3,485,571
	2. Former Members			
	a. Elected PERA Police and Fire	0	0	\$0
	b. No Election (Greater Value)	1	83,961	83,961
	c. Total	1	\$83,961	\$83,961
	3. Benefit Recipients			
	a. Elected PERA Police and Fire*	31	\$6,609,179	\$6,609,179
	b. Elected Relief Association	0	0	0
	c. Total	31	\$6,609,179	\$6,609,179
	4. Total			
	a. Elected PERA Police and Fire*	43	\$10,565,410	\$9,617,507
	b. Elected Relief Association	0	0	0
	c. No Election (Greater Value)	3	694,570	561,204
	d. Total	46	\$11,259,980	<u>\$10,178,711</u>
В.	DETERMINATION OF UNFUNDED A	CTUARIAL ACC	RUED LIABILITY	(UAAL)
	1. AAL (A4)			\$10,178,711
	2. Current Assets (1.15% of Table 1,F6)			8,645,511
	3. UAAL (B1-B2)			\$1,533,200
C.	NORMAL COST			\$132,311

^{*} Includes MPRIF Reserves of \$6,300,580

Net Actuarial Loss (Gain)

(actual dollars)

A.	ACTUARIAL PRESENT VALUE OF PROJECTED BENEFITS (Table 9-095) 1. Elected PERA Police and Fire 2. Elected Relief Association 3. No Election (Greater Value) 4. Total	\$10,565,410 0 694,570 \$11,259,980
В.	PRESENT VALUE OF FUTURE EMPLOYEE CONTRIBUTIONS 1. Elected PERA Police and Fire 2. No Election (Greater Value)	\$373,003 \$50,090
	3. Total	\$423,093
C.	PRESENT VALUE OF FUTURE REGULAR MUNICIPAL CONTRIBUTIONS 1. Elected PERA Police and Fire 2. No Election (Greater Value) 3. Total	
D.	CURRENT VALUE OF TOTAL ASSETS (1.15% of Table 1, F6)	\$8,645,511
E.	PRESENT VALUE OF FUTURE ADDITIONAL MUNICIPAL CONTRIBUTION	NIC
	1. Initial contribution - Amortized Through December 31, 2010	\$4,563,534
	2. 15 year amortization of prior years' loss (gain)	(3,185,024)
	(Table 11, B.2.b + B.2.c + B.2.d + B.2.e+B.2.f + B.2.g + B.2.h)	(0,100,02.1)
	3. Total	\$1,378,509
F.	LOSS (GAIN) [A-B-C-D-E]	\$178,227
G.	ANALYSIS OF LOSS (GAIN)	
	1. MPRIF Mortality	\$69,102
	2. PERA Benefit Election	(68,900)
	3. Additional Contributions Made4. Other	0
	5. Total	178,025
	- 10m	\$178,227
H.	15 YEAR AMORTIZATION OF LOSS (GAIN)	20,604

Determination of Statutory Contributions

(actual dollars)

JULY 1, 1996

				Percent of Payroll	Dollar Amount
A.	EMPLOY	EE CONTRIBUTIONS		7.60%	\$48,452 *
В.		ER CONTRIBUTIONS ljustment For State Aid)			
	1. Regular	\$72,678 *			
	2. Addition	nal municipal contribution			
		Date	Current	Last	Payment
		Established	Balance	Payment	Amount**
	a.	Initial	\$4,563,534	12/31/2010	\$527,578
	b.	07/01/88	\$0	12/31/2002	\$0
	c.	07/01/89	\$0	12/31/2003	\$0
	d.	07/01/90	\$0	12/31/2004	\$0
	e.	07/01/91	(\$1,721,082)	12/31/2005	(\$251,822)
	f.	07/01/92	(\$474,086)	12/31/2006	(\$65,309)
	g.	07/01/93	\$80,498	12/31/2007	\$10,522
	h.	07/01/94	(\$705,623)	12/31/2008	(\$88,080)
	i.	07/01/95	(\$364,731)	12/31/2009	(\$43,714)
	j.	07/01/96	\$178,227	12/31/2010	\$20,604
	k.	Total	\$1,556,737		\$109,779
C.	ESTIMAT	ED TOTAL STATUTORY (CONTRIBUTION		\$230,909

^{*} Estimated based on prior years' payroll

^{**} Contribution is assumed to be paid on December 31, 1996