See NK for must much County: ALL

PC-201C Commonwealth of Pennsylvania **Public Employee Retirement Commission** P.O. Box 1429

Harrisburg, PA 17105 - 1429

: FITTSBURGH Mun

1997

Muncd : 02-261-2 RECEIPT **PERC** APR - 3 1998

Pintyp: 90

Class : 2

ACT 205 ACTUARIAL VALUATION REPORT:

		PENSION P							
WITH DEFINED BENEFITS FILING DEADLINE: March 31, 1998			FRMTYP	REVIEW ON AV	CODE	INPUT	EDP	LOG	
Section	on I - Identification of	Municipality			0 H 4/14/2				1
INSTR	RUCTIONS: Print or ty	pe requested int	formation in the space	provided.					
	Note: 1	n Part A, home r	ule municipalities shou	ald check the box	and enter the	number of the	eir previous mu	nicipal classifi	cation.
A	. Type of Municipalit	-	er corresponding numb					2 lt	em No. (1
		County	(1)		Township	(1st)	(4)		
	X	City	(2)		Township	(2nd)	(5)		
		Borough	(3)		Authority		(6)		
		Town	(3)		COG/Regi	ional Entity	(7)		
В.	Name of Municipali	ty PITTSBU	RGH						(2
C.									(3
Section	n II - Identification of	Pension Plan	and Specification of	f Valuation Da	ate				
NSTRU	UCTIONS: Print or ty	pe requested inf	ormation in space prov	vided.		,			
A.	Name of Pension Pla	n CITY OF	F PITTSBURGH PO	OLICEMEN'S	RELIEF AN	ND PENSIC	N FUND		(4
B.	Date on which pension	on plan was est	ablished	••••••			09 / Mo.	01 / 193 Da. Yr.	5 (5
C.	Valuation date for de (Use 1/1/1997 unless of						01 Mo.	/ 01 / 199 Da. Yr.	- `

				PC-2
Section	n III - General Information			
INSTRI	UCTIONS: Respond to each question by entering "yes" or "no" in the space provided.	<u> </u>		
A.	Is Social Security coverage provided for the active members of the pension plan identified in Section II?		NO.	(8
В.	Do any active members of the pension plan identified in Section II participate in any other pension plan or plans that receive funding from the municipality?	••••	МО	(9
C.	Do any of the active members of the pension plan identified in Section II work on average less than 35 hours per week?	••••	NO	(10
D.	Does the pension plan identified in Section II include active members who are not employees of the municipality identified in Section I?	······ .	NO	(11
E.	Do retired members of the pension plan identified in Section II receive any benefit, such as insurance coverage, that is provided wholly or partially by the municipality and not funded through the pension plan identified in Section II?	····· .	YES	(12
	IV - Demographic Data as of	e of So	chedule A. Print o	r type
A.	or exhibits. Complete Schedule A. Then complete the certification in Part B below. Summary of Demographic Data	7/4/1/5	_or refer to the sc.	
	Number of active members on valuation date		1,153	3 (13
	Total annual payroll of active members on valuation date	_		
	Number of members terminated with vested or deferred benefit on valuation date			(15
	4. As of valuation date, number of persons receiving:			
	a. Retirement benefits			
	b. Disability benefits		323	(17
	c. Surviving spouse benefits	-		
	d. Surviving child benefits			(1)
	e. Total (a + b + c + d)	··· –	1,625	(20
	5. As of valuation date, total annual benefits payable as:	_	15 075 005	
	a. Retirement benefits			•
	b. Disability benefits	-		
	c. Surviving spouse benefits			
	c. Total (a + b + c + d)			(24 (25
B.	Certification of Dergographic Data			
I her certi	eby certify that I have prepared and reviewed the demographic data entered in Part A of this section and fy that the improvided is to the best of my knowledge true and accurate.	l in Sc	chedule A; and I f	urther
	tal Damper		3/31/98	<i>></i>
(Sign	nature)` /	(Da		

(Name)

Archa of France (Title)

(4/2) 255-2582 (Telephone)

Section V - Finar	cial Data as ofJANUARY		
INSTRUCTIONS:	Enter valuation date specified in Section II, Part C. in the space provided above and on each data requested in Part A, rounded to the nearest dollar, in the space provided. Enter zero, if a to exhibits. Complete Schedule B. Then complete the certification in Part B below.		
	Note: The asset values provided in Part A of this section and in Schedule B must include regardless of custodial arrangements involving administrative agencies.	all the a	assets of the pension plan
A. Summary	of Financial Data		
I. MAR	KET VALUE OF ASSETS. excluding the cash surrender values of individual unce and annuity contracts, on the above valuation date	\$	37,879,911 (26
2. CASI above	SURRENDER VALUE of individual insurance and annuity contracts on the valuation date or nearest anniversary date	\$	0 (27
3. TOTA	AL FUND ASSETS (1 + 2) on the evaluation date	\$	37,879,911 (28
4. INVE divide	STMENT INCOME. excluding individual insurance and annuity contract and some contract	\$_	3,339,568 (29
5. REAL on the	IZED CAPITAL GAINS/LOSSES for the year ended above valuation date (+ or -)	\$_	0 (30
6. DIVII on the	DENDS ON INSURANCE/ANNUITY CONTRACTS for the year ended above valuation date	\$_	0 (31
(includ	BER CONTRIBUTIONS to plan for the year ended on the above valuation date e employee contributions treated as employer contributions pursuant to 414(h) of the Internal Revenue Code.)	\$ _	2,938,115 (32
alloca	CIPAL CONTRIBUTIONS to plan, excluding Supplemental State Assistance monies ed under Act 205 Recovery Program. for the year ended on valuation date (8a + 8b) ate Aid Portion \$ 7,011,505 b. Local Portion \$ 9,509,177	\$_	16,520,682 (33
on the	AL MUNICIPAL DEPOSIT for the year ended valuation date (Item 33 + 9a - 9b) ontributions Receivable begining of year S at end of year S	\$	16,520,682 (34
10. TOTA on the	L MONTHLY BENEFIT PAYMENTS for the year ended above valuation date	\$_	24,937,920 (35
II. ANNU premiu	AL INSURANCE OR ANNUITY PREMIUM PAYMENTS, excluding single in annuity purchases, for the year ended on the above valuation date	\$_	0 (36
12. ADMII ended o	NISTRATIVE EXPENSES paid from the assets of the pension plan for the year on the above valuation date	\$	475,273 (37(b
13. MINIM ended of	IUM MUNICIPAL OBLIGATION to the pension plan for the year on the valuation date (Enter amount reported in item 34 or item 41 on page 12.)	\$ <u>_</u>	<u>16,074,228</u> (38
B. Certification	of Financial Data		
	hat I have prepared and reviewed the financial data entered in Part A of this section a increasion provided is to the best of my knowledge true and accurate.	nd in S	schedule B; and I further
(Signature)	(DAMMAN	75	3/31/98
		(Da	ate)
(Name)	Henry of Tracker of Francisco	(// (Te	(12) 253-2582 elephone)

(b) Includes \$232,783 in expenses paid by the 3 Plan and \$242,490 in expenses paid by the

Section VI - Actuarial Data as of _____JANUARY | 1 , 1997 (Valuation Date) Enter valuation date specified in Section II. Part C. in the space provided above and on each page of Schedule C. Complete Part INSTRUCTIONS: A and Part B below in accordance with the instructions provided. Complete Schedule C. Then complete the certification in Part C helow The asset values provided in Part A of this section must include all the assets of the pension plan regardless of custodial Note: arrangements involving administrative agencies. A. Summary of Actuarial Data Print or type the data requested, rounded to the nearest dollar, in the space provided. Enter zero or negative values, if applicable. INSTRUCTIONS: Do not leave blanks or refer to exhibits. ACTUARIAL PRESENT VALUE OF FUTURE BENEFITS as of valuation date _______\$ 340,053,713 (40 ACTUARIAL PRESENT VALUE OF FUTURE NORMAL COST as of valuation date\$ 61,504,139 (41 ACTUARIAL ACCRUED LIABILITY as of valuation date \$_\\$278,549,574 (42) ACTUARIAL VALUE OF ASSETS, including aggregate insurance/annuity cash surrender value, as of valuation date \$\frac{37,879,911}{43}\$ UNFUNDED ACTUARIAL ACCRUED LIABILITY as of valuation date (+ or -)\$ 240,669,663 (44 NORMAL COST (employer & employee), excluding administrative expenses. payable as of valuation date for the plan year beginning on valuation date: As a dollar amount \$____5,236,352 (45 AVERAGE ADMINISTRATIVE EXPENSES payable from the assets of the pension plan in the prior plan year and the plan year beginning on valuation date '\$ 462,005 AMORTIZATION CONTRIBUTIONS For amortization of initial unfunded actuarial accrued liability established 1/1/85. ² 28 1) Amortization period remaining (years) Amortization contribution calculated as a level dollar amount for the Amortization contribution calculated as a level percentage of payroll for the For amortization of all increases or decreases in unfunded actuarial accrued liability occurring after 1/1/85 or the initial UAL's establishment. ² Aggregated amortization contribution calculated as a level dollar amount for the Total Amortization Requirement (Item 50 + 53 or Item 51 + 53, whichever is applicable).......\$ ____15,325,658 10. ACTUAL OR ESTIMATED MEMBER CONTRIBUTIONS to the pension plan for the

* Mark a Len 96-4258

Section VI - Actuarial Data (Cont'd)

INSTRUCTIONS:

If insurance/annuity contracts are maintained pre-retirement to fund a portion of the benefits provided by the pension plan at retirement, enter the information requested in items 11-20 below. Otherwise, do not complete items 11-20.

Note:

For item 20, include "side fund" amortization contribution for the initial UAL established 1/1/85 and the aggregated "side fund" amortization contribution for increases and decreases in the UAL occurring after 1/1/85. Attach a facsimile of Schedule C. Section II. to support the entry for item 20.

A. Summary of Actuarial Data (Cont'd)

II. ACTUARIAI VALUES AT	L PRESENT VALUE OF INSURANCE/ANNUITY CONTRACT CASH RETIREMENT as of valuation date	\$	(56
12. ADJUSTED as of valuation	ACTUARIAL PRESENT VALUE OF FUTURE BENEFITS on date (1 - 11)	\$	(57
13. ADJUSTED as of valuation	ACTUARIAL PRESENT VALUE OF FUTURE NORMAL COST	\$	(58
	ACTUARIAL ACCRUED LIABILITY n date	\$	(59
15. ACTUARIAL cash surrender	VALUE OF ASSETS, excluding aggregate insurance/annuity r value, as of valuation date	\$	(60
16. ADJUSTED U as of valuation	UNFUNDED ACTUARIAL ACCRUED LIABILITY n date (+ or -)	\$	(61
17. ADJUSTED N valuation date	NORMAL COST, excluding administrative expenses, payable as of for the plan year beginning on valuation date	\$	(62
18. ANNUAL INS	SURANCE/ANNUITY PREMIUM PAYMENTS for the plan year valuation date	\$	(63
19. GROSS ADJU	JSTED NORMAL COST for the plan year beginning on valuation date (17 + 1	8):	
a. As a dolla	ar amount	\$	(64
b. As a perco	entage of payroll		% (65
	AMORTIZATION CONTRIBUTION calculated as a level dollar amount ear beginning on valuation date	\$	(66

The average of the prior year's administrative expenses and the estimated administrative expenses for the current year. If the amount entered exceeds the prior year's expenses (Section V, Part A, Item 12) by more than 10%, attach an exhibit detailing the administrative expenses for the year beginning on the valuation date.

Initial unfunded actuarial accrued liability may be established later than 1/1/1985 if coincidental with establishment of pension plan.

Enter N/A unless municipality has been certified to use level percentage of payroll amortization pursuant to Section 607 of Act 205.

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Section VI - Actuarial Data - (Cont'd)	
B. Additional Information	
INSTRUCTIONS: Print or type the information requested in the space provided. Enter "N/A", if applicable. Do r	not leave blanks or refer to emhibits.
MAJOR ECONOMIC ACTUARIAL ASSUMPTIONS a. Interest or investment carnings rate b. Salary projection	
2. ADMINISTRATIVE ARRANGEMENT (Enter corresponding number. →)	1 (69
- Self administered fund - Bank or other trust fund - Split-funded plan - Insurance plus side fund - Pennsylvania Municipal - Other (Describe)	guarantee contract Retirement System
COST FOR ACTUARIAL SERVICES to be billed or charged for completing this reporting for and for preparing the associated actuarial valuation report C. Certification of Actuarial Data	
I hereby certify that I have prepared and reviewed the actuarial data and information entered in Part A at Schedule C and that the data and information provided is to the best of my knowledge true and accurate I further certify that I have five years of actuarial experience with public pension plans and that I am (X a member of the American Academy of Actuaries enrolled in 19 79 X an enrolled actuary pursuant to the Employee Retirement Income Security Act of 1974, No.	te. Initial appropriate box.)
(Signature)	(Date) /
G. HERBERT LOOMIS (Name)	(4 12)394-9660 (71 (Telephone)
MOCKENHAUPT ASSOCIATES (Name of Firm)	(72

Section VII - Certification of Report by the Chief Administrative Officer of the Municipality

INSTRUCTIONS:

Ensure that Schedule A. Schedule B and Schedule C are completed and attached to the reporting form. Review the information entered in each section of the reporting form and the information provided in the schedules. Then complete the certification below and return the original reporting form to the Commission at the address indicated on page one of the reporting form. Retain a copy of the completed reporting form for audit compliance purposes.

completed reporting form for audit compliance purposes.	e reporting form. Keiuin û copy of the
Note: To be completed by the person officially designated as the Chief Administrativ Act 205 of 1984.	e Officer of the municipality under
I hereby certify that to the best of my knowledge the information provided in this report is compositive of Chief Administrative Officer)	olete, true and accurate. 3/3/98 (Date)
(Name of Chief Administrative Officer) (Print or type)	(4/12) 253-2582 (Telephone)

Page 1 of 2

(Valuation Date)

(Municipality)

(County)

INSTRUCTIONS:

Print or type the requested information in the space provided. For totals, enter zero if applicable. Refer to attachments or exhibits only to explain or support data entered on the schedule.

PART I	DEMOGRAPHIC DA	TA FOR RETIRED MEMBERS
AGE	NUMBER	ANNUAL PENSION PAYABLE
Under 30	1	8,727
30-34	2	17,502
35-39	4	51,955
40-44	18	274,859
45-49	25	355,349
50-54	127	2,940,040
55-59	223	4,932,381
60-64	231	4,445,046
65-69	291	4,393,227
70-74	321	3,720,973
75-79	172	1,491,945
80-84	117	712,851
Over 84	93	406,258
TOTALS	1625	23,751,114

AGE	NUMBER	ANNUAL PROJECTED PENSION
Under 25		
25-29		
30-34		
35-39		
40-44		
45-49	2	31,498
50-54	1	20,388
55-59		
60-64		
65-69		-
Over 69		
TOTALS	3	51,886

SCHEDULE A - Demographic Data as of _	JANUARY 1,	1997	PITTSBURGH	ALLEGHEN
Page 2 of 2	(Valuation Date)		(Municipality)	(County)

Part III - Distribution of Active Members by Age and Service

		YEARS OF SERVICE									
AGE		1	2	3	4-5	6-10	11-15	16-20	21-25	26-30	30+
Under	No. of Members	0	0	0	0	0	0	0	0	0	0
20	Payroll (\$000)	0	0	0	0	0	0	0	0	0	0
20-24	No. of Members	8	2	2	0	0	0	0	0	0	0
	Payroll (\$000)	246	66	74	0	. 0	0	0	0	0	0
25-29	No. of Members	37	75	67	4	21	0	0	0	0	0
	Payroll (\$000)	1139	2462	2472	165	890	0	0	0	0	0
30-34	No. of Members	19	70	100	5	80	4	0 _	0	0	0
	Payroll (\$000)	584	2294	3687	207	3342	177	0	0	0	0
35-39	No. of Members	15	28	44	7	63	18	14	0	0	0
	Payroll (\$000)	461	918	1622	290	2631	802	649	0	0	0
40-44	No. of Members	6	3	17	2	45	34	70	0	0	0
	Payroll (\$000)	184	107	627	82	1912	1443	3136	0	0	0_
45-49	No. of Members	2	3	5	2	24	16	82	_0	15	0
	Payroll (\$000)	61	98	184	82	1001	664	3629	0	689	0
50-54	No. of Members			2	2	5	6	31		64	1
	Payroll (\$000)	31	33	74	82	208	270	1359	•	2807	43
55-59	No. of Members	0	0	0	0	0	0	6	0	12	6
	Payroll (\$000)	0	0	0	0	0	0	254	0	548	254
60-64	No. of Members	0	0	0	0	0	0	2	0	2	3
	Payroll (\$000)	0	0	0	0	0	0	82	0	82	144
65 &	No. of Mcmbers	0	0	0	0	0	0	0	0	0	0
Over	Payroll (\$000)	0	0	0	0	0	0	0	0	0	0
TOTAL MEMBERS		88	182	237	22	238	78	205	0	93	10
TOTAL A	NNUAL PAYROLL	2706	5978	8741	908	9984	3356	9109	0	4126	441

SCHEDU	LE B - Financial Data as ofJANUARY	, 1997 PITTSBURGH	ALLEGHENY
Page 1 of 3) (Municipality)	(County)
INSTRUC	TIONS: Print or type the requested information in the space or exhibits only to explain or support data entered	provided. Round to the nearest dollar. Enter zero, if applicable, on the schedule.	. Refer to attachment
Section I -	- Statement of Net Assets Available for Benefits as	of the Valuation Date	
		•	Item No.
A. A:		\$	()
1. 2.		\$	
3.			
5.		\$ <u></u>	(3
		ss	
		\$	
4.	Investments at Market Value (Specify)	•	
	ALLOCATION OF AGGREGATE TRUST	\$37	7 <u>,879,911</u> (6
		\$	(7
	<u> </u>	\$	(8
		\$	
		\$	
5.	•	l Policies) \$	(11
6.	Other Assets (Specify)	\$	(12
		\$\$	
		\$ <u></u> 37	
B. Cu	rrent Liabilities:		
1.	•	enses\$	(16
2.	Other Current Liabilities (Specify)		(17
		S	
	- -	\$\$	
			(1)
	Total Current Liabilities	\$\$	(20
C. Ne	et Assets Available for Benefits (Market Value) as of va	aluation date\$ 37,	879,911 (21
	. ,	· amagaiga control	

Page 2 of 3

(Valuation Date)

(Municipality)

(County)

Section II - Statement of Revenues. Expenses and Change in Fund Assets for the year ended on the Valuation Date Item No B. Revenues: Member Contributions \$ 2,938,115 (2 a. State Aid Portion \$ 7,011,505 b. Local Portion \$ 9,509,177 Supplemental State Assistance Grant \$ _____\$ 47,285 (4 Other Revenues or Credits (Specify) ALLOCATED INVESTMENT EARNINGS AND MISC. INCOME CITY REIMBURSEMENTS C. Expenses: Refund of Member Contributions \$ 80,768 (15 Administrative Expenses \$\,_\\$ \,_\\$ (16 Other Expenses or Debits (Specify) _____ \$ _____ (19

(Valuation Date) (Municipality) (County) Page 3 of 3 Section III - Presentation of the Determination of the Minimum Municipal Obligation (MMO) for Year Ended on Valuation Date Enter data reflecting the minimum municipal obligation developed in the fail of 1995 for the plan year beginning in 1996. INSTRUCTIONS: [Section 302(C) of Act 205 of 1984.] Item No A. IDENTIFICATION OF THE ACTUARIAL VALUATION REPORT used to determine funding (23 Mo. B. DEVELOPMENT OF MINIMUM MUNICIPAL OBLIGATION under Section 302(c) of Act 205 of 1984. (Enter "N/A" if the asset value exceeded the present value of future benefits in the actuarial valuation report identified in Part A.) TOTAL NORMAL COST, expressed as a percentage of total annual payroll. derived from actuarial valuation report identified in item 23 10.032 % (25 3. TOTAL PROJECTED NORMAL COST for year ended on valuation date TOTAL ADMINISTRATIVE EXPENSES projected for year ended on valuation date\$______\$____ 576, 750 (28 MEMBER CONTRIBUTIONS projected for year ended on valuation date ______\$ 3,775,263 (30 FUNDING ADJUSTMENT determined pursuant to Section 302(c)(2) of Act 205 of 1984 for year ended on valuation date '\$______\$ 9. MINIMUM MUNICIPAL OBLIGATION (MMO) for year ended on valuation date\$ 16.074.228 (32 (Item 29 - 30 - 31)..... 10. DELINQUENT MMO PLUS INTEREST from plan year beginning in 1995\$______\$ <u>0</u> (33 C. DEVELOPMENT OF PRE-AUTHORIZED ADJUSTMENT TO MINIMUM MUNICIPAL OBLIGATION under Section 605 or 607 of Act 205 of 1984. 2 TOTAL MUNICIPAL CONTRIBUTION to the pension plan for the plan year ADJUSTMENT FACTOR APPLICABLE % (37 ADJUSTMENT AMOUNT (Item 36 x Item 37)\$ 5. DELINQUENT MMO PLUS INTEREST from plan year beginning in 1995\$_____(40

Funding adjustment is applicable where assets exceed actuarial accrued liability and is equal to 10% of the amount of the excess.

² Complete Part C only if municipality was certified under the Act 205 Distressed Municipal Pension System Recovery Program.

SCHEDULE C - Actuarial Data as of J	ANUARY I	, 1997 <u></u> P		
Page 1 of 4	(Valuation Date)		(Municipality)	(County)
	the entry age normal actuarial co			and to the nearest dollar.
Section I - Presentation of Actuarial Pres	ent Value of Future Benefit	s as of the Valuati	on Date	
				Item N
A. Actuarial Present Values for Active	e Members			
(Enter values for ancillary benefits only	y if valued using EAN.)			
1. Retirement Benefits				
2. Disability Benefits	•••••		\$_	25,378,255 (2
3. Survivor Benefits				·
4. Liability for the Refund of Me				
5. Others (Specify) <u>VESTING</u>	AND PRE-RETIREMENT D	EATH BENEFITS	\$ <u>_</u>	4,572,617 (5
Subtotal for Active Memb	ers		\$ _	137,487,479 (6
B. Actuarial Present Values for Non-A	active Members and Benefit I	Recipients		
1. Deferred Vested Benefits			\$_	517,552 (-
2. Retirement Benefits			\$_	138,040,555 (8
3. Disability Benefits			\$	44,800,878 (9
4. Survivor Benefits			\$_	19,207,249 (10
5. Others (Specify)			\$	0 (1:
Subtotal for Non-Active M	embers and Benefit Recipien	ts	\$ _	202,566,234 (12
C. Total Actuarial Present Value of Fu	ture Benefits (Without adjustm	nents)	\$ _	340,053,713 (13
D. Total Adjustments for Ancillary Ber	nefits Valued through Approx	timation Technique	s'\$	0_(1÷
E. Total Actuarial Present Value of Fu	ture Benefits (Item 13 + Item 1	4)	\$ <u></u>	340,053,713 (15

A signed statement and accompanying documentation, as specified in Section 203.5 of the Act 205 regulations, must be attached if adjustments are made.

SCHEDULE C - Actuarial Data as of	JANUARY I	, 1997	PITTSBURGH	ALLEGHEN
Page 2 of 4	(Valuation Date)		(Municipality)	(County)

Section II - Unfunded Actuarial Accrued Liability and Amortization Contributions as of Valuation Date

Part A - Initial Unfunded Actuarial Accrued Liability.

Amount of Initial Liability	Date Established	Target Date	Original Amortization Period	Remaining Balance	Level Dollar Amortization Contrib	ution '
\$ 172,932,256	1985	2024	40	\$ 235,132,664	\$ 14,391,200	(15

Part B - Changes in Unfunded Actuarial Accrued Liability since the last actuarial valuation report prepared and submitted under Act 205.

Source	Amount of Liability	Date Established	Target Date	Amortization Period	Amortization Contribution
Benefit Plan Modification					
Actuarial Assumption Modification					
Actuarial Losses (+) or Gains (-) ²	2,098,826	1997	2011	15	235,906
Post-Retirement Adjustments					
Total	\$ 2,098,826	XXXXX	XXXXX	XXXXX	\$ 235,906

Part C - Aggregation of Changes in Unfunded Actuarial Accrued Liability Since Initially Established in 1985.

Description	Remaining Balance of Aggregated Liability	Date of Aggregation	Aggregated Target Date	Agg. Amortization Period	Aggregated Amortizati	ior
Aggregation of all prior changes (exclude changes in Section B)	\$ 3,438,173	1995	2002	6	\$ 698,492 ₍	18
Aggregation of all changes (include changes in Section B)	\$ 5,536,999	Current Valuation Date	2003	7	\$ 934,398 (1	19

Level percentage of future payroll amortization contribution should be entered where the municipality has previously implemented that amortization approach pursuant to Section 607 of Act 205.

² Attach exhibit of the actuarial valuation report showing development of expected unfunded actuarial accrued liability.

Summary of Plan Provisions

Plan Year	☐ Twelve-month period beginning January 1 and ending December 31
Plan Established	□ September 1, 1935
Principal Definitions	
Employee	☐ Any person employed by the City of Pittsburgh Bureau of Police, including all substitute uniformed employees of the Bureau.
Retirement Benefit Commencement Date	☐ Assumed to be the first day of the month coincident with or next following eligibility for and election to retire
Service Increment	☐ An additional monthly benefit of \$20 for each completed year of service between 20 and 25 years, plus \$25 for each year of service in excess of 25 years
Service	☐ Assumed to be completed years of service calculated from date of hire through date of retirement or severance, plus periods of service purchased
Normal Form of Payment	☐ Monthly pension benefit payable for life
Participation Requirements	
Entry Date	☐ Date of hire
Compensation	☐ Base wages
Average Compensation	☐ Compensation averaged over the 12- month period prior to retirement or severance.
Members hired after December 31, 1991	☐ Compensation averaged over 36 months prior to retirement or severance.
Normal Retirement	
Eligibility	☐ Later of age 50 <i>or</i> ☐ Completion of 20 years of service
Monthly Benefit	☐ Equal to 50% of average compensation plus service increment if any

Disability	
Eligibility	 □ Permanent disablement in line of duty or □ Permanent disablement (not in line of duty) after completing 10 years of service
Benefit Amount	 50% of earnings in year prior to disablement
Members Hired after December 31, 1991	☐ Sum of this benefit and member's workers compensation benefit shall not exceed member's regular salary at time of disablement
Benefit Commencement Date	☐ First day of calendar month following determination of disablement and ☐ Continuing for the duration of disability prior to normal retirement date and life thereafter
Vesting	☐ If member completed 20 years of service, may collect normal retirement benefit based on average compensation at termination (providing terminated member continues contributions at rate in effect at termination) ☐ Benefit deferred to age 50
Terminated Participants	☐ If contributions continue at same rate in effect at termination and continue to age 50 member may receive monthly benefit based on rate of pay in effect had officer worked until age 50
Death Benefits	
Accidental Death (Spouse/children/or dependent	☐ Benefit plus return of member's accumulated contributions
parents if no spouse)	 □ Benefit plus workers' compensation or other payments equal to 50% of member's wages at death □ Payable for 500 weeks or until surviving spouse dies or remarries □ If no surviving spouse or unmarried children, dependent parents receive payments
- Children Benefits	☐ Unmarried child under age 18 receives
(No surviving spouse/or discontinued	payments equal to 25% of payments to
payment to surviving spouse)	spouse

- Children Benefits (Cont'd)	 □ Total payments to one family may not exceed 50% of member's wages at time of death □ \$60 minimum monthly payment if only one child □ If maximum amount payable, divide equally among entitled children □ Payments terminate when child reaches age 18, dies, marries □ Payments may continue indefinitely to incompetent child
Death Prior to Retirement Active service/not accidental	☐ If so elected, spouse paid benefit equal to 50% of pension member would have received if retired on date of death ☐ No election, accumulated contributions without interest paid to beneficiary or estate
Death After Retirement	☐ If so elected, spouse paid benefit equal to 50% of pension member was receiving ☐ No surviving spouse, benefit may be paid to surviving children or dependent parents
Employee Contributions	□ Participants will contribute 6.0 percent of their compensation plus \$1 per month. Members who elect the surviving spouse benefit contribute an additional 1/2 percent of compensation. The \$1 per month contribution will cease at age 65.
Refund	☐ Accumulated contributions without interest

Actuarial Basis of Valuation

Actuarial Assumptions: January 1, 1997

Economic

• Interest Rate

• Salary Projection

Employee Characteristics

• Mortality

• Withdrawal

8.75 percent increase per annum

5.75 percent increase per annum

Healthy: UP-1984 Table, with female ages set back five years

Disabled: UP-1984 Table, with male ages set forward seven years and female ages set forward two years

Sample rates:

Age	Rate
20	1.36%
25	1.32%
30	1.27%
35	1.17%
40	0.88%
45	0.44%
50	0.10%
55	0.00%

• Disablement

Sample rates:

Age	Male	Female
30	0.19%	0.23%
40	0.44%	0.85%
50	1.33%	1.69%
60	3.97%	3.04%

• Retirement Age

Active members are assumed to retire at the average age of (a) age 50 with 20 years of service, or attained age, if later and (b) age 62 with 20 years of service. Members who have attained age 62 with 20 years of service are assumed to retire immediately.

• Duty Related Mortality

Twenty percent of deaths in active service are assumed to be duty related.

• Percentage Married

Eighty percent of male participants and 65 percent of female participants

• Spouse Age

Female spouse assumed to be two years younger than male spouse.

Other

• Administrative Expenses

1.0 percent of payroll