PC-201C Commonwealth of Pennsylvania Public Employee Retirement Commission	со	MUN			CL				
P. O. Box 1429 Harrisburg, PA 17105-1429	MUNCD				PLI	NTYP			
2009 ACT 205 ACTUARIAL VALUATION REPORT: POLICE PENSION PLAN	RECEIPT	PERC	APR - 1	2010					
WITH DEFINED BENEFITS FILING DEADLINE: March 31, 2010	FRMTYPE C	REVIEW	CODE	INPUT	EDP	LOG			
Special Instructions: Where a Deferred Retirement Option participating pension plan members	ion Plan (DF s should be re	ROP) is ope eported as r	rated for m etired memb	embers of ers in Secti	the pensio on IV and S	n plan, th Schedule A			
Section I - Identification of Municipality									
INSTRUCTIONS: Print or type requested information in the space p	provided.								
Note: In Part A, home rule municipalities shou classification.	lld check the b	ox and enter	the number of	their previo	us municipal				
A. Type of Municipality(Check appropriate box below and enter corresponding num	nber.)				2	Item No.			
City (2)		Township	(1 st)	(4)					
\square Borough (3)		Township	(2 nd)	(5)					
\square Town (3)		Authority		(6)					
		COG/Reg	ional Entity	(7)					
B. Name of Municipality CITY OF PITTSBURGH		·				(2			
C. Name of CountyALLEGHENY					•	(3			
Section II - Identification of Pension Plan and Specification	on of Valuati	on Date	in the state of th						
NSTRUCTIONS: Print or type requested information in space provid		on Ducc							
A. Name of Pension Plan <u>CITY OF PITTSBURGH P</u>	OLICEMEN	N'S RELIEI	F AND PEN	NSION FU	ND	(4			
B. Date on which pension plan was established		• • • • • • • • • • • • • • • • • • • •	<u>09</u>	/	/ <u>193</u> .	5 (5			
C. Valuation date for demographic, financial and actuari (Use 1/1/2009 unless otherwise specified in plan document	al data prior to 12/31	/1982.)	<u>01</u> Mo	/	/	9 (6			

Section III - General Information

INSTRUCTIONS:	Respond to each question by entering "yes" or "no" in the space provided	

A. Is Social Security coverage provided for the active members of the pension plan identified in Section II? B. 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? C. Do any of the active members of the pension plan identified in Section II work on average less than 35 hours per week? D. Does the pension plan identified in Section II include active members who are not employees of the municipality identified in Section IP 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? Section IV - Demographic Data as of JANUARY 1 , 2009 (Valuation Date) INSTRUCTIONS: Enter valuation date specified in Section II, Part C, in the space provided above and on each page o information requested in Part A in the space provided. Enter zero, if applicable. Do not leave blan or exhibits. Complete Schedule A. Then complete the certification in Part B below. A. Summary of Demographic Data 1. Number of active members on valuation date 2. Total annual payroll of active members as of above valuation date 3. Number of members terminated with vested or deferred benefit on valuation date 4. As of valuation date, number of persons receiving: a. Retirement benefits i. As normal retired members ii. As DROP participants iii. Total b. Disability benefits c. Surviving spouse benefits d. Surviving spouse benefits e. Total (a+b-c+d) 5. As of valuation date, total annual benefits payable as: a. Retirement benefits ii. To normal retired members iii. To DROP participants iii. Total s. b. Disability benefits c. Surviving spouse benefits d. Surviving spouse benefits e. Total (a+b-c+d) E. Certification of Demographic Data I hereby certify that I have prepared and reviewed the demographic data entered in Part A of this section	
B. 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? C. Do any of the active members of the pension plan identified in Section II work on average less than 35 hours per week? D. Does the pension plan identified in Section II include active members who are not employees of the municipality identified in Section I? 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? Section IV - Demographic Data as of JANUARY 1 , 2009 (Valuation Date) INSTRUCTIONS: Enter valuation date specified in Section II, Part C, in the space provided above and on each page or information requested in Part A in the space provided. Enter zero, if applicable. Do not leave bland or exhibits. Complete Schedule A. Then complete the certification in Part B below. A. Summary of Demographic Data 1. Number of active members on valuation date 2. Total annual payroll of active members as of above valuation date 3. Number of members terminated with vested or deferred benefit on valuation date 4. As of valuation date, number of persons receiving: a. Retirement benefits i. As normal retired members ii. As DROP participants iii. Total b. Disability benefits c. Surviving spouse benefits d. Surviving spouse benefits d. Surviving spouse benefits ii. To DROP participants iii. Total 5. As of valuation date, total annual benefits payable as: a. Retirement benefits ii. To DROP participants iii. Total 5. Disability benefits c. Surviving spouse benefits d. Surviving spouse benefits c. Surviving spouse benefits d. Surviving spouse benefits e. Total (a*b*c*c*d) B. Certification of Demographic Data	NO (8
C. Do any of the active members of the pension, plan identified in Section II work on average less than 35 hours per week? D. Does the pension plan identified in Section II include active members who are not employees of the municipality identified in Section II? 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? Section IV - Demographic Data as of	•
less than 35 hours per week? D. Does the pension plan identified in Section II include active members who are not employees of the municipality identified in Section I? 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? Section IV - Demographic Data as of JANUARY 1 , 2009 (Valuation Date) INSTRUCTIONS: Enter valuation date specified in Section II, Part C, in the space provided above and on each page of information requested in Part A in the space provided. Enter zero, if applicable. Do not leave bland or exhibits. Complete Schedule A. Then complete the certification in Part B below. A. Summary of Demographic Data 1. Number of active members on valuation date 2. Total annual payroll of active members as of above valuation date \$ 3. Number of members terminated with vested or deferred benefit on valuation date \$ 4. As of valuation date, number of persons receiving: a. Retirement benefits i. As normal retired members ii. As DROP participants iii. Total b. Disability benefits c. Surviving spouse benefits d. Surviving child benefits e. Total (a+b+c+d) 5. As of valuation date, total annual benefits payable as: a. Retirement benefits ii. To DROP participants iii. To DROP participants iii. Total b. Disability benefits c. Surviving spouse benefits d. Surviving spouse benefits e. Total (a+b+c+d) E. Certification of Demographic Data I hereby certify that I have prepared and reviewed the demographic data entered in Part A of this section	<u>NO</u> (9
of the municipality identified in Section 1? 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? Section IV - Demographic Data as of	<u>NO</u> (10
insurance coverage, that is provided wholly or partially by the municipality and not funded through the pension plan identified in Section II? Section IV - Demographic Data as of	<u>NO</u> (11
through the pension plan identified in Section II? Section IV - Demographic Data as of JANUARY 1 , 2009 (Valuation Date) INSTRUCTIONS: Enter valuation date specified in Section II, Part C, in the space provided above and on each page or information requested in Part A of this section II. Part B below. A. Summary of Demographic Data 1. Number of active members on valuation date 2. Total annual payroll of active members as of above valuation date 3. Number of members terminated with vested or deferred benefit on valuation date 4. As of valuation date, number of persons receiving: a. Retirement benefits i. As normal retired members ii. As DROP participants iii. Total b. Disability benefits c. Surviving spouse benefits d. Surviving child benefits e. Total (a+b+c+d) 5. As of valuation date, total annual benefits payable as: a. Retirement benefits ii. To DROP participants iii. Total b. Disability benefits c. Surviving spouse benefits d. Surviving spouse benefits sii. To normal retired members iii. To DROP participants iii. Total b. Disability benefits c. Surviving spouse benefits siii. Total	•
INSTRUCTIONS: Enter valuation date specified in Section II, Part C, in the space provided above and on each page of information requested in Part A in the space provided. Enter zero, if applicable. Do not leave bland or exhibits. Complete Schedule A. Then complete the certification in Part B below. A. Summary of Demographic Data 1. Number of active members on valuation date 2. Total annual payroll of active members as of above valuation date 3. Number of members terminated with vested or deferred benefit on valuation date 4. As of valuation date, number of persons receiving: a. Retirement benefits i. As normal retired members ii. As DROP participants iii. Total b. Disability benefits c. Surviving spouse benefits d. Surviving child benefits e. Total (a+b+c+d) 5. As of valuation date, total annual benefits payable as: a. Retirement benefits ii. To normal retired members iii. To DROP participants iii. Total b. Disability benefits c. Surviving spouse benefits d. Surviving spouse benefits siii. Total b. Disability benefits c. Surviving spouse benefits d. Surviving child benefits siii. Total b. Disability benefits c. Surviving spouse benefits d. Surviving child benefits siii. Total b. Disability benefits c. Surviving spouse benefits d. Surviving child benefits siii. Total b. Disability benefits c. Surviving spouse benefits d. Surviving child benefits se. Total (a+b+c+d) should be defended the demographic data entered in Part A of this section	YES (12
information requested in Part A in the space provided. Enter zero, if applicable. Do not leave bland or exhibits. Complete Schedule A. Then complete the certification in Part B below. A. Summary of Demographic Data 1. Number of active members on valuation date 2. Total annual payroll of active members as of above valuation date 3. Number of members terminated with vested or deferred benefit on valuation date 4. As of valuation date, number of persons receiving: a. Retirement benefits i. As normal retired members ii. As DROP participants iii. Total b. Disability benefits c. Surviving spouse benefits d. Surviving child benefits e. Total (a+b+c+d) 5. As of valuation date, total annual benefits payable as: a. Retirement benefits i. To normal retired members ii. To DROP participants iii. Total b. Disability benefits c. Surviving spouse benefits 4. Surviving child benefits 5. Surviving child benefits 6. Surviving child benefits 6. Surviving child benefits 7. Surviving child benefits 8. Surviving child benefits 8. Surviving child benefits 9. Surviving ch	
1. Number of active members on valuation date 2. Total annual payroll of active members as of above valuation date 3. Number of members terminated with vested or deferred benefit on valuation date 4. As of valuation date, number of persons receiving: a. Retirement benefits i. As normal retired members ii. As DROP participants iii. Total b. Disability benefits c. Surviving spouse benefits d. Surviving child benefits e. Total (a+b+c+d) 5. As of valuation date, total annual benefits payable as: a. Retirement benefits i. To normal retired members ii. To DROP participants iii. Total b. Disability benefits c. Surviving spouse benefits iii. Total should be a surviving spouse benefits iii. Total should benefits c. Surviving spouse benefits should benefit b	f Schedule A. Print or ty ks or refer to the schedul
2. Total annual payroll of active members as of above valuation date \$ 3. Number of members terminated with vested or deferred benefit on valuation date	
3. Number of members terminated with vested or deferred benefit on valuation date 4. As of valuation date, number of persons receiving: a. Retirement benefits i. As normal retired members ii. As DROP participants iii. Total b. Disability benefits c. Surviving spouse benefits d. Surviving child benefits e. Total (a+b+c+d) 5. As of valuation date, total annual benefits payable as: a. Retirement benefits i. To normal retired members ii. To DROP participants siii. Total b. Disability benefits c. Surviving spouse benefits 4. \$ b. Disability benefits c. Surviving spouse benefits she c. Surviving spouse benefits h. \$ c. Surviving spouse benefits she c. Surviving spouse benefits c. Surviving child benefits she c. Surviving child ben	898 (13
4. As of valuation date, number of persons receiving: a. Retirement benefits i. As normal retired members ii. As DROP participants iii. Total b. Disability benefits c. Surviving spouse benefits d. Surviving child benefits e. Total (a+b+c+d) 5. As of valuation date, total annual benefits payable as: a. Retirement benefits i. To normal retired members ii. To DROP participants iii. Total b. Disability benefits c. Surviving spouse benefits s. \$ d. Surviving spouse benefits c. Surviving child benefits s. \$ d. Surviving c	63,787,288 (14
a. Retirement benefits i. As normal retired members ii. As DROP participants iii. Total b. Disability benefits c. Surviving spouse benefits d. Surviving child benefits e. Total (a+b+c+d) 5. As of valuation date, total annual benefits payable as: a. Retirement benefits i. To normal retired members ii. To DROP participants iii. Total b. Disability benefits c. Surviving spouse benefits 4. Surviving spouse benefits 5. C. Surviving spouse benefits 6. Surviving child benefits 7. Surviving child benefits 8. Surviving child benefits 9.	4(15
i. As DROP participants iii. Total b. Disability benefits c. Surviving spouse benefits d. Surviving child benefits e. Total (a+b+c+d) 5. As of valuation date, total annual benefits payable as: a. Retirement benefits i. To normal retired members ii. To DROP participants iii. Total b. Disability benefits c. Surviving spouse benefits c. Surviving spouse benefits spouse benefits d. Surviving child benefits spouse benefits c. Surviving child benefits spouse benefits d. Surviving child benefits spouse benefits	
iii. As DROP participants iii. Total b. Disability benefits c. Surviving spouse benefits d. Surviving child benefits e. Total (a+b+c+d) 5. As of valuation date, total annual benefits payable as: a. Retirement benefits i. To normal retired members ii. To DROP participants iii. Total b. Disability benefits c. Surviving spouse benefits d. Surviving child benefits e. Total (a+b+c+d) B. Certification of Demographic Data I hereby certify that I have prepared and reviewed the demographic data entered in Part A of this section	
iii. Total	
b. Disability benefits c. Surviving spouse benefits d. Surviving child benefits e. Total (a+b+c+d) 5. As of valuation date, total annual benefits payable as: a. Retirement benefits i. To normal retired members ii. To DROP participants iii. Total b. Disability benefits c. Surviving spouse benefits d. Surviving child benefits e. Total (a+b+c+d) B. Certification of Demographic Data I hereby certify that I have prepared and reviewed the demographic data entered in Part A of this section	
c. Surviving spouse benefits d. Surviving child benefits e. Total (a+b+c+d) 5. As of valuation date, total annual benefits payable as: a. Retirement benefits i. To normal retired members ii. To DROP participants iii. Total b. Disability benefits c. Surviving spouse benefits d. Surviving child benefits e. Total (a+b+c+d) B. Certification of Demographic Data	
d. Surviving child benefits e. Total (a+b+c+d) 5. As of valuation date, total annual benefits payable as: a. Retirement benefits i. To normal retired members	
e. Total (a+b+c+d) 5. As of valuation date, total annual benefits payable as: a. Retirement benefits i. To normal retired members ii. To DROP participants iii. Total b. Disability benefits c. Surviving spouse benefits d. Surviving child benefits e. Total (a+b+c+d) B. Certification of Demographic Data I hereby certify that I have prepared and reviewed the demographic data entered in Part A of this section	
5. As of valuation date, total annual benefits payable as: a. Retirement benefits i. To normal retired members ii. To DROP participants iii. Total b. Disability benefits c. Surviving spouse benefits d. Surviving child benefits e. Total (a+b+c+d) B. Certification of Demographic Data I hereby certify that I have prepared and reviewed the demographic data entered in Part A of this section	
i. To normal retired members	\\\
ii. To DROP participants iii. Total b. Disability benefits c. Surviving spouse benefits d. Surviving child benefits e. Total (a+b+c+d) B. Certification of Demographic Data I hereby certify that I have prepared and reviewed the demographic data entered in Part A of this section	
iii. Total	18,515,031 _{(21i}
b. Disability benefits	\\
c. Surviving spouse benefits \$	18,515,031 (21iii
d. Surviving child benefits	· · · · · · · · · · · · · · · · · · ·
e. Total (a+b+c+d)\$ B. Certification of Demographic Data I hereby certify that I have prepared and reviewed the demographic data entered in Part A of this section	3,896,238 (23
B. Certification of Demographic Data I hereby certify that I have prepared and reviewed the demographic data entered in Part A of this section	18,646 (24
I hereby certify that I have prepared and reviewed the demographic data entered in Part A of this section	31,462,645 (25
I hereby certify that I have prepared and reviewed the demographic data entered in Part A of this section	
and I further certify that the information provided is to the best of my knowledge true and accurate.	and in Schedule A;
Scott Kunker	29-10
Scott Kunka Director of Finance (412)	
) Э55-264 0 ephone)

Section V - Fir	ancial Data as of JANUARY 1 , 2009 (Valuation Date)	
INSTRUCTIONS:	Enter valuation date specified in Section II, Part C, in the space provided above and on each the data requested in Part A, rounded to the nearest dollar, in the space provided. Enter zero, or refer to exhibits. Complete Schedule B. Then complete the certification in Part B below.	if applicable. Do not leave blanks
	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 assets of the pension plan
A. Summa	ry of Financial Data	
1. MA	RKET VALUE OF ASSETS, excluding the cash surrender values of individual rance and annuity contracts, on the above valuation date	\$81,203,837 ₍₂₆
	H SURRENDER VALUE of individual insurance and annuity contracts on the e valuation date or nearest anniversary date	\$0_(27
3. TOT	AL FUND ASSETS (1 + 2) on the revaluation date	\$ <u>81,203,837</u> ₍₂₈
4. INV divid	CSTMENT INCOME, excluding individual insurance and annuity contract lends, for the year ended on the above valuation date	\$4,630,721_(29
5. REA	LIZED CAPITAL GAINS/LOSSES for the year ended ne above valuation date (+ or -)	\$0_(30
6. DIVI on t	DENDS ON INSURANCE/ANNUITY CONTRACTS for the year ended see above valuation date	\$0 ₍₃₁
(Incl	BER CONTRIBUTIONS to plan for the year ended on the above valuation date de employee contributions treated as employer contributions pursuant to on 414(h) of the Internal Revenue Code.)	
8. MUN	ICIPAL CONTRIBUTIONS to plan for the year ended on valuation date (8a+8b)	
on th	VAL MUNICIPAL DEPOSIT for the year ended e valuation date (Item 33 + 9a - 9b) Contributions Receivable at beginning of year \$ 0 at End of year \$ 0	\$ 20,132,321 (34
	L MONTHLY BENEFIT PAYMENTS for the year ended e above valuation date	\$31,181,260_ ₍ 35
11. ANN	VAL INSURANCE OR ANNUITY PREMIUM PAYMENTS, excluding single furn annuity purchases; for the year ended on the above valuation date	\$ <u> </u>
12. ADM ende	NISTRATIVE EXPENSES paid from the assets of the pension plan for the year	\$
13. MINI ende	MUM MUNICIPAL OBLIGATION to the pension plan for the year i on the valuation date (Enter amount reported in item 34 on page 12)	\$
B. Certifica	ion of Financial Data	
I hereby certif certify that th	that I have prepared and reviewed the financial data entered in Part A of this section and information provided is to the best of my knowledge true and accurate.	d in Schedule B; and I further
_5cm	t Kunka	3-29-10
(Signature)		(Date)
(Name)	+ Kunka Director of Finance (Title)	(<u>413</u> 255-2446 (Telephone)

Section VI - Actuarial Data as of	JANUARY 1	2009	(Valuation Date)
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INSTRUCTIONS: Enter valuation date specified in Section II, Part C, in the space provided above and on each page of Schedule C. Complete Part A and Part B below in accordance with the instructions provided. Complete Schedule C. Then complete the certification in Part C below.

Note: The asset values provided in Part A of this section must include all the assets of the pension plan regardless of custodial arrangements involving administrative agencies.
A. Summary of Actuarial Data
INSTRUCTIONS: Print or type the data requested, rounded to the nearest dollar, in the space provided. Enter zero or negative values, if applicable. Do not leave blanks or refer to exhibits.
1. ACTUARIAL PRESENT VALUE OF FUTURE BENEFITS as of valuation date
2. ACTUARIAL PRESENT VALUE OF FUTURE NORMAL COST as of valuation date \$ 79,942,095 (41)
3. ACTUARIAL ACCRUED LIABILITY as of valuation date
4. ACTUARIAL VALUE OF ASSETS, including aggregate insurance/annuity cash surrender value, as of valuation date
5. UNFUNDED ACTUARIAL ACCRUED LIABILITY as of valuation date (+ or -) \$ 282,292,625 (44
 NORMAL COST (employer & employee), excluding administrative expenses, payable as of valuation date for the plan year beginning on valuation date:
a. As a dollar amount
b. As a percentage of total annual payroll
7. AVERAGE ADMINISTRATIVE EXPENSES payable from the assets of the pension plan in the prior plan year and the plan year beginning on valuation date 1
8. ANNUAL COVERED PAYROLL of active members as of valuation date \$ 63,787,288 (48
9. AMORTIZATION CONTRIBUTIONS
a. For amortization of initial unfunded actuarial accrued liability established 1/1/85. 2 1) Amortization period remaining (years)
2) Amortization contribution calculated as a level dollar amount for the plan year beginning on valuation date
3) Amortization contribution calculated as a level percentage of payroll for the plan year beginning on valuation date 3
b. For amortization of all increases or decreases in unfunded actuarial accrued liability occurring after 1/1/85 or the initial UAL's establishment. ²
1) Aggregated amortization period (years)
2) Aggregated amortization contribution calculated as a level dollar amount for the plan year beginning on valuation date
c. Modified Total Amortization Requirement 4
d. Total Amortization Requirement (Item 50 + 53 or Item 51 + 53 or Item 54, whichever is applicable)
10. ACTUAL OR ESTIMATED MEMBER CONTRIBUTIONS to the pension plan for the year beginning on the valuation date

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. S	ummary of Actuarial Data (Cont'd)	
11.	ACTUARIAL PRESENT VALUE OF INSURANCE/ANNUITY CONTRACT CASH VALUES AT RETIREMENT as of valuation date	(57
12.	ADJUSTED ACTUARIAL PRESENT VALUE OF FUTURE BENEFITS as of valuation date (1 - 11)	(58
13.	ADJUSTED ACTUARIAL PRESENT VALUE OF FUTURE NORMAL COST as of valuation date	(59
14.	ADJUSTED ACTUARIAL ACCRUED LIABILITY as of valuation date	(60
15.	ACTUARIAL VALUE OF ASSETS, excluding aggregate insurance/annuity cash surrender value, as of valuation date\$	(61
16.	ADJUSTED UNFUNDED ACTUARIAL ACCRUED LIABILITY as of valuation date (+ or -)	(62
17.	ADJUSTED NORMAL COST, excluding administrative expenses, payable as of valuation date for the plan year beginning on valuation date\$	(63
18.	ANNUAL INSURANCE/ANNUITY PREMIUM PAYMENTS for the plan year beginning on valuation date\$	(64
19.	GROSS ADJUSTED NORMAL COST for the plan year beginning on valuation date (17 + 18):	
	a. As a dollar amount	(65
	b. As a percentage of payroll	%(66
20.	ADJUSTED AMORTIZATION CONTRIBUTION calculated as a level dollar amount for the plan year beginning on valuation date	(67

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.

² Initial unfunded actuarial accrued liability may be established later than 1/1/1985 if coincidental with the establishment of the pension plan or with the initiation of a new amortization schedule authorized by Act 82 of 1998.

³ Enter N/A unless municipality has been certified to use level percentage of payroll amortization pursuant to Section 607 of Act 205.

⁴ If the municipality has formally elected to apply the limit on the amortization contribution under section 202(b)(4), enter the modified total amortization requirement calculated as the amount required to amortize the unfunded actuarial accrued liability over ten years. Otherwise, enter N/A.

B. Additional Information INSTRUCTIONS: Print or type the information requested in the space provided. Enter *N/A* if applicable. Do not leave blanks or reshibits. 1. MAJOR ECONOMIC ACTUARIAL ASSUMPTIONS a. Interest or investment earnings rate 8.00 b. Salary projection 5.75 2. ADMINISTRATIVE ARRANGEMENT (Enter corresponding number. ⇒) 1 1 - Self administered fund 4 - Insured deposit administration contract 2 - Bank or other trust fund 5 - Immediate participation guarantee contract 3 - Split-funded plan - Insurance plus side fund 6 - Pennsylvania Municipal Retirement System 7 - Other (Describe) 3. COST FOR ACTUARIAL SERVICES to be billed or charged for completing this reporting form and for preparing the associated actuarial valuation report \$ 11,000 C. Certification of Actuarial Data I hereby certify that I have prepared and reviewed the actuarial data and information entered in Part A and Part B of section and in Schedule C and that the data and information provided is to the best of my knowledge true and accurated the further certify that I have five years of actuarial experience with public pension plans and that I am (Initial appropriate but the data and information provided is to the best of my knowledge true and accurated the further certify that I have five years of actuarial experience with public pension plans and that I am (Initial appropriate but the data and information provided is to the best of my knowledge true and accurated the public pension plans and that I am (Initial appropriate but the data and information provided is to the best of my knowledge true and accurated the public pension plans and that I am (Initial appropriate but the data and information provided is to the best of my knowledge true and accurated the provided is to the best of my knowledge true and accurated the provided is to the best of my knowledge true and accurated the provided is to the best of my knowledge true and accurated the provided is to the best of my knowledge true and accurated the provided is to the b	
1. MAJOR ECONOMIC ACTUARIAL ASSUMPTIONS a. Interest or investment earnings rate	
a. Interest or investment earnings rate 8.000 b. Salary projection 5.75c 2. ADMINISTRATIVE ARRANGEMENT (Enter corresponding number. ⇒) 1 1 - Self administered fund 4 - Insured deposit administration contract 2 - Bank or other trust fund 5 - Immediate participation guarantee contract 3 - Split-funded plan - Insurance plus side fund 6 - Pennsylvania Municipal Retirement System 7 - Other (Describe) 3. COST FOR ACTUARIAL SERVICES to be billed or charged for completing this reporting form and for preparing the associated actuarial valuation report \$ 11,000 C. Certification of Actuarial Data I hereby certify that I have prepared and reviewed the actuarial data and information entered in Part A and Part B of section and in 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 (Initial appropriate by	er to
b. Salary projection	
2. ADMINISTRATIVE ARRANGEMENT (Enter corresponding number. ⇒)	(68
1 - Self administered fund 2 - Bank or other trust fund 5 - Immediate participation guarantee contract 3 - Split-funded plan - Insurance plus side fund 6 - Pennsylvania Municipal Retirement System 7 - Other (Describe) 3. COST FOR ACTUARIAL SERVICES to be billed or charged for completing this reporting form and for preparing the associated actuarial valuation report\$ 11,000 C. Certification of Actuarial Data I hereby certify that I have prepared and reviewed the actuarial data and information entered in Part A and Part B of section and in 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 (Initial appropriate by	(69
2 - Bank or other trust fund 5 - Immediate participation guarantee contract 3 - Split-funded plan - Insurance plus side fund 6 - Pennsylvania Municipal Retirement System 7 - Other (Describe) 3. COST FOR ACTUARIAL SERVICES to be billed or charged for completing this reporting form and for preparing the associated actuarial valuation report \$ 11,000 C. Certification of Actuarial Data I hereby certify that I have prepared and reviewed the actuarial data and information entered in Part A and Part B of section and in 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 (Initial appropriate by	(70
3 - Split-funded plan - Insurance plus side fund 6 - Pennsylvania Municipal Retirement System 7 - Other (Describe) 3. COST FOR ACTUARIAL SERVICES to be billed or charged for completing this reporting form and for preparing the associated actuarial valuation report	
3. COST FOR ACTUARIAL SERVICES to be billed or charged for completing this reporting form and for preparing the associated actuarial valuation report \$ 11,000 C. Certification of Actuarial Data I hereby certify that I have prepared and reviewed the actuarial data and information entered in Part A and Part B of section and in 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 (Initial appropriate by	
3. COST FOR ACTUARIAL SERVICES to be billed or charged for completing this reporting form 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 and Part B of section and in 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 (Initial appropriate before)	
section and in Schedule C and that the data and information provided is to the best of my knowledge true and accurat I further certify that I have five years of actuarial experience with public pension plans and that I am (Initial appropriate b	71
1070	•
a member of the American Academy of Actuaries enrolled in	
an enrolled actuary pursuant to the Employee Retirement Income Security Act of 1974, No. 08-544	
(Signature) 3/26/10	
G. Herbert Loomis (412) 394-9660	72
(Name) (Telephone)	4
Mockenhaupt Benefits Group	73
(Name of Firm)	

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. Retain a copy of the completed reporting form for audit compliance purposes.

Note:

To be completed by the person officially designated as the Chief Administrative Officer of the municipality under Act 205 of 1984.

I hereby certify that to the best of my knowledge the information provided in this report is complete, true and accurate.

Scott Kunka

(Name of Chief Administrative Officer) (Print or type)

Inquiries regarding completion or submission of the reporting form may be directed to:

Commonwealth of Pennsylvania Public Employee Retirement Commission

Mailing Address P. O. Box 1429

Harrisburg, PA 17105-1429

Phone:

(717) 783-6100 (717) 787-9531

Fax: E-mail:

CITY OF PITTSBURGH

ALLEGHENY

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 - 1	DEMOGRAPHIC DA	TA FOR RETIRED MEMBERS
AGE	NUMBER	ANNUAL PENSION PAYABLE
Under 30	3	18,646
30-34		
35-39	11	266,721
40-44	29	770,535
45-49	39	1,022,387
50-54	76	2,034,623
55-59	146	3,939,799
60-64	201	5,267,986
65-69	231	5,597,891
70-74	237	4,718,907
75-79	212	3,384,076
80-84	242	3,040,151
Over 84	165	1,400,923
TOTALS	1,592	31,462,645

PART II -	DEMOGRAPHIC DAY	TA FOR MEMBERS TERMINATED VESTING
AGE	NUMBER	ANNUAL PROJECTED PENSION
Under 25		
25-29		
30-34		
35-39		
40-44	1	27,875
45-49	3	106,547
50-54		
55-59		
60-64		
65-69		
Over 69		
TOTALS	4	134,422

JANUARY 1

_, 2009 ___

CITY OF PITTSBURGH

ALLEGHENY

(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+
AGB											
Under	No. of Members										
20	Payroll (\$000)										
20-24	No. of Members	3	5								
	Payroll (\$000)	82	222								
25-29	No. of Members	4	38		23						
	Payroll (\$000)	109	1,821		1,477						
30-34	No. of Members	. 3	27		43	27					
	Payroll (\$000)	82	1,369		2,784	2,009					
35-39	No. of Members	1	14		15	63	40	20			
	Payroll (\$000)	27	727		1,071	4,410	3,062	1,592			
40-44	No. of Members	1	10		5	22	86	96	8		
	Payroll (\$000)	41	578		310	1,595	6,683	7,359	625		
45-49	No. of Members		4	1	2	3	57	83	21	3	
	Payroll (\$000)		277	77	152	234	4,201	5,991	1,686	239	
50-54	No. of Members		2		2	7	14	39	19	21	4
	Payroll (\$000)		97		132	496	1,009	2,802	1,511	1,881	327
55-59 ·	No. of Members				1	1	5	13	10	12	6
	Payroll (\$000)				59	74	329	915	710	957	561
60-64	No. of Members		1				1	5		5	1
	Payroll (\$000)		57				74	350		405	87
65 &	No. of Members						1				***************************************
Over	Payroll (\$000)						59				
TOTAL M	EMBERS	12	101	. 1	91	123	204	256	58	41	11
TOTAL A	NNUAL PAYROLL	342	5,148	77	5,985	8,818	15,417	19,009	4,533	3,482	976

	T A 3.77 7 A 73.37 4			PC-20
SCHEDULE B - Financial Data as of Page 1 of 3	JANUARY 1 (Valuation Date)	, 2009_	CITY OF PITTSBURG	GH ALLEGHEN (County)
	, , , , , , , , , , , , , , , , , , ,		(www.asa.cy)	(county)
INSTRUCTIONS: Print or type the requested it to attachments or exhibits or	nformation in the space prov nly to explain or support dat	vided. Round to a entered on th	o the nearest dollar. Enter zer e schedule.	o, if applicable. Refer
Section I - Statement of Net Assets Ava	ilable for Benefits as of	the Valuation	n Date	
A. Assets:				Item No
1. Cash			\$	0_(1
2. Accrued Interest and Dividence				•
3. Other Receivables (Specify)				(2
<u></u>		• • • • • • • • • •	\$	0_(3
		•	\$	
			\$	
4. Investments at Market Value (Specify)		· 	
ALLOCATION OF AGGRE	GATE TRUST		\$	81,203,837 (6
			· · · · · . · · · \$	· · · · · · · · · · · · · · · · · · ·
			\$	·
		• • • • • • • • • • • • • • • • • • • •		
			· · · · · · \$	•
5. Insurance/Annuity Cash Surre	ender Value (Individual P	olicies)	···· \$	
6. Other Assets (Specify)				
			\$	0(12
-		· · · · · · · · · · · · ·	\$	0 (13
-			\$	0(14
Total Assets	. ,		\$	81,203,837 (15
B. Current Liabilities:				
Accounts Payable and Accrued	Administrative Evnences		ф	0
Other Current Liabilities (Specif		· • • • • • • • • • • • • • • • • • • •		0 (16
				0
			· · · · · · · · · · · · · · · · · · ·	_
				(- 4
Total Current Liabilities				
			· · · · · · · · · · · · · · · · · · ·	(20
C. Net Assets Available for Benefits (Ma	arket Value) as of valuation	ı date		81,203,837 (21

JANUARY 1 (Valuation Date) ____, 2009 CITY OF PITTSBURGH

(Municipality)

ALLEGHENY (County)

cion II - Statement of Revenues, Expenses and Change in Fund Assets for the Yea	ar Ended on the	e Valuation Date
		Item No
A. Net Assets at Beginning of Year (Market Value)	\$_	118,795,037 (1
3. Revenues:		
Member Contributions	\$	3,501,221 (2
Total Municipal Contributions	\$	20,132,321 (3
a. State Aid Portions \$_5,442,251 b. Local Portion \$_14,690,070	<u> </u>	
Interest Earnings	\$	4,630,721_(4
Dividend Income	\$	0 (5
Realized Capital Gains	\$	0 (6
Other Revenues or Credits (Specify)		
PASS THROUGH CONTRIBUTIONS	\$	1,498,504 (7
	\$	0 (8
	\$_	0
Total Revenues	\$	•
. Expenses:		
Total Benefit Payments (Lump Sum)	\$	0(11
Total Benefit Payments (Monthly)	\$	31,181,260 (12
Annuity Purchases (Lump Sum)	\$	0 ₍₁₃
Insurance Premiums		·
Refund of Member Contributions	\$	206,226 (15
Administrative Expenses	· · · · · · \$	1,295,159 ₍₁₆
Realized Capital Losses		
Lump Sum DROP Account Payments	\$	
Other Expenses or Debits (Specify)		,
PASS THROUGH PAYMENTS	\$	1,498,504 ₍₁₉
NET DEPRECIATION		33,172,819 ₍₂₀
Total Expenses		67,353,968 ₍₂₁
Net Change in Market Value of Assets (Unrealized Capital Gains or Losses)		· · · · · · · · · · · · · · · · · · ·
Net Assets at End of Year (Market Value)		81,203,837 ₍₂₃

¹ If the amount entered differs from the amount reported in the actuarial valuation report identified in item 23 above due to the scheduled termination of one or more amortization bases established pursuant to Chapter 2 of Act 205, attach an exhibit reconciling the difference.

² Funding adjustment is applicable where assets exceed actuarial accrued liability and is equal to 10% of the amount of the excess.

CHE age 1		EC-	Actuarial Data as of	(Valuation Date)	, 2009 _	CITY OF PITTSBURC (Municipality)	GH ALLEGHENY (County)
ISTRI	UCTI	ONS:	Complete all items using the Refer to attachments or exhi	entry age normal actuarial bits only to explain or suppo	rt data entere		
ectio	on I	- Pres	entation of Actuarial Pro			f the Valuation Date	
A.	Ac	tuaria	d Present Values for Activ	e Members			Item No.
	(Er	iter va	lues for ancillary benefits onl	y if valued using EAN.)			
	1.	Reti	rement Benefits			\$	147,269,073 (1
	2.	Disa	bility Benefits			\$	47,054,425 (2
	3.	Sur	vivor Benefits			\$	0 (3
	4.	Liab	ility for the Refund of Men	nber Contributions		\$ <u> </u>	2,013,429 (4
	5.	Othe	ers (Specify) PRE-RETIREM	ENT DEATH AND VESTE	D BENEFIT:	S\$	4,589,623 (5
		;	Subtotal for Active Membe	rs		\$	200,926,550 (6
В.	Act	uaria	l Present Values for Non-A	ctive Members and Bene	fit Recipients	s	
	1.	Defe	rred Vested Benefits				1,386,127_(7
	2.	Retir	ement Benefits		• • • • • • • • • •		155,178,117 (8
	3.	Disa	bility Benefits				83,274,166 (9
	4.	Surv	ivor Benefits			· · · · · ·	27,034,748 (10
	5.	Total	Monies Accumulated in I	ROP Participant Account	s	· · · · · · \$	0(11
	6.	Othe	rs (Specify)			\$ <u> </u>	0(12
		S	Subtotal for Non-Active Me	mbers and Benefit Recipi	ents	\$	266,873,158 (13
C.	Tota	al Act	uarial Present Value of Fu	ture Benefits (Without adju	ustments)	\$	467,799,708 (14
D.	Tota	al Adj	ustments for Ancillary Ber	nefits Valued through App	proximation '	Techniques ¹ \$	0_(15
E.	Tota	al Acti	uarial Present Value of Fu	ture Benefits (Item 14 + Ite	m 15)	\$	467,799,708 (16

¹ A signed statement and accompanying documentation, as specified in Section 203.5 of the Act 205 regulations, must be attached if adjustments are made.

(Valuation Date)

(Municipality)

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

Part A - Initial Unfunded Actuarial Accrued Liability.

Amount of Gharlesianing	Date Dscablished	Pairgot vallatie	i (Orcionala Asaremazatiboa Remodi	Remaining Balance	Asen	Jeveliboilar Mezaton Coaldi	<u> তিটো হ</u> ু তেন্ত্ৰ
\$ 131,617,548	1998	2037	40	\$ 173,258,009	\$	7,746,181	(16

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

Source	ai Minoundeola Limbility	Dale Bselblished	ollangels Dates	Jangor Havesini otaliji Perfilod	Avistoriuz aiziori. Gorilerio gistori.
Benefit Plan Modification	N/A	N/A	N/A	N/A	N/A
Actuarial Assumption Modification	(544,220)	2009	2028	20	(51,324)
Actuarial Losses (+) or Gains (-)	40,957,810	2009	2028	20	3,862,633
Post-Retirement Adjustments	N/A	N/A	N/A	N/A	N/A
Total	\$ 40,413,590	xxxxx	xxxxx	xxxxx	\$ 3,811,309 (17

Part C - Aggregation of Changes in Unfunded Actuarial Accrued Liability since initially established in 1985.

Description	Rem Age	ining Balance on regated Liability	Date of Aggregation	Agglegated Target Date	Aggregated Amortization Period	r Aggregated Antorization Contribution
Aggregation of all prior changes (exclude changes in Section B)	\$	68,621,026	2007	2021	13	\$ 8,196,785 (18
Aggregation of all changes (include changes in Section B)	\$	109,034,616	Current Valuation Date	2023	15	\$ 12,008,094 (19

¹ 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.

SCHEDULE C - Actuarial Data as of age 3 of 4	JANUARY 1 (Valuation Date)	, 2009 _	CITY OF PITTSBURGH (Municipality)	ALLEGHE (County
Section III - Presentation of Actuarial A	Assumptions and Method	ls		
A. Actuarial Assumptions				
1. Interest Rate -				
2. Salary Projection -			SEE ATTACHED	
3. Disability Rates -				
4. Termination Rates -				
5. Mortality -				
6. Retirement Age -				
7. Asset Smoothing -	· .			
8. Other (Specify) -				
9. Other (Specify)				
B. Actuarial Cost Method (Specify)				

SCHE Page 4	DULE C - Actuarial Data as of of 4	JANUARY 1 (Valuation Date)	, 2009 _	CITY OF PITTSBURGH (Municipality)	ALLEGHEN (County
Section	n IV - Presentation of Benefit Pla	an Provisions SEE ATTA	ACHED		
A.	Eligibility Requirements Normal Retirement				
	Early Retirement			· · · · · · · · · · · · · · · · · · ·	
ъ.	Retirement Benefit (Describe fully i		ets, service inc	rements, etc. and include period ov	er .
	which final average salary is determine	ned if benefit salary related.)			
C.	Survivor Benefit (Describe fully inclindividual members.)	uding indication of whether l		•	
D.	Disability benefit (Describe fully inc.				
	Non-Service Related				
E.	Post Retirement Adjustments (Desminimum/maximum adjustments, etc		cy of adjustmen	ıt, basis for adjustment,	
, F.	DROP Benefit (Specify and describe.)				
G.	Other Benefit (Specify and describe.)				
Н.	Member Contributions				
	Amount or RateInterest Rate Credited to Mem	ber Contributions		%	· · · · · · · · · · · · · · · · · · ·

Attachment to Schedule C, Section III

Actuarial Basis of Valuation

Actuarial Assumptions: January 1, 2009

Economic

• Interest Rate

8.00 percent increase per annum

• Salary Projection

5.75 percent increase per annum

Merit and Longevity Increase: 2.25 percent

increase per annum

Inflation: 3.5 percent increase per annum

Employee Characteristics

• Mortality:

RP-2000 Mortality Tables, with adjustments to reflect Pittsburgh

Pension Plan mortality experience as confirmed by experience studies.

The adjusted rates are based upon the following:

Active Participants

RP-2000 Mortality Tables – Employee Rates of Mortality

Inactive Participants

RP-2000 Mortality Tables for Healthy Annuitants, adjusted

by blue collar ratios (Table 5-5 of *RP-2000 Mortality Tables Report*) and set forward 2 years in age for healthy and deferred retirees and

set forward 5 years in age for disabled retirees.

Surviving Beneficiaries:

RP-2000 Rates, adjusted for healthy inactives as above, and further

adjusted by ratios of female beneficiary experience to overall

female RP-2000 Healthy Annuitant Mortality Rates (Appendix D of

RP-2000 Mortality Tables Report)

Sample Rates (Rounded):

Age	Active Male Participant	Male Regular Retiree	Male Disabled Retiree	Male Beneficiary
45	0.15 %	0.45 %	0.56 %	0.57 %
55	0.30 %	0.88 %	1.06 %	1.16 %
65	0.76 %	2.01 %	2.68 %	2.54 %
75	N/A	5.27 %	7.05 %	5.60 %
85	N/A	13.86 %	18.34 %	14.36 %

Age	Active Female Participant	Female Regular Retiree	Female Disabled Retiree	Female Beneficiary
45	0.11 %	0.19 %	0.23 %	0.23 %
55	0.23 %	0.44 %	0.62 %	0.62 %
65	0.58 %	1.37 %	1.86 %	1.74 %
75	N/A	3.69 %	4.90 %	3.93 %
85	N/A	10.24 %	13.67 %	10.61 %

Attachment to Schedule C, Section III - Continued

• Withdrawal

Sample rates:

Age	- Rate
20	2.04%
25	1.98%
30	1.90%
35	1.76%
40	1.31%
45	0.66%
50	0.15%
55	0.00%

• Disablement

Sample rates:

Age	Male	Temale
30	.22%	.26%
40	.50%	.98%
50	1.53%	1.94%
60	4.56%	3.49%

• Retirement Age

Percentage of employees eligible for retirement who retire at each age:

	Percentage -
50	20
51	20
52	12
53	12
54	10
55	10
56	10
57	10
58	10
59	10
60	10
61	10
62	10
63	10
64	10
65	100

• Duty Related Mortality

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

• Duty Related Disability

50 percent of disabilities occurring during employment are assumed to occur in the line of duty.

• Percentage Married

80 percent of male participants and 65 percent of female participants.

• Spouse Age

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

Attachment to Schedule C, Section III - Continued

Actuarial Value of Assets

• Description of Method

The Actuarial Value of Assets is determined by a Tabular Smoothing method which takes the Actuarial Value of Assets from the prior valuation report and brings it forward using a specified interest rate. The Actuarial Value of Assets in the prior report, contributions by year and annual disbursements are each credited with interest at a rate of one percent less than the prior valuation's interest rate assumption. The resulting value is further subject to a minimum of 70% and a maximum of 130% of the market value of assets.

Attachment to Schedule C, Section IV

Summary of Plan Provisions

Plan Year

Plan Established

Principal Definitions

Employee

Retirement Benefit Commencement Date

Service Increment

Service

Normal Form of Payment

Participation Requirements

Entry Date

Compensation

Average Compensation

Members hired after December 31, 1991

Normal Retirement

Eligibility Monthly Benefit ▼ Twelve-month period beginning January 1 and ending December 31

▼ September 1, 1935

 Any person employed by the City of Pittsburgh Bureau of Police, including all substitute uniformed employees of the Bureau.

→ Assumed to be the first day of the month coincident with or next following eligibilityfor and election to retire

→ 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

 Assumed to be completed years of service calculated from date of hire through date of retirement or severance, plus periods of service purchased

▼ Monthly pension benefit payable for life

→ Date of hire

→ Base wages and longevity pay

 Compensation averaged over the 12month period prior to retirement or severance.

▼ Compensation averaged over 36 months prior to retirement or severance.

▼ Later of age 50 or Completion of 20 years of service

→ Equal to 50% of average compensation plus service increment if any

Attachment to Schedule C, Section IV - Continued

Disability

Eligibility

Benefit Amount

Members Hired after December 31, 1991

Benefit Commencement Date

Vesting

Terminated Participants

Death Benefits

Accidental Death

Children Benefits
 (No surviving spouse/ or discontinued payment to surviving spouse)

- → Permanent disablement in line of duty or
- Permanent disablement (not in line of duty) after completing 10 years of service
- ▼ 50% of earnings in year prior to disablement
- Sum of this benefit and member's workers' compensation benefit shall not exceed member's regular salary at time of disablement
- → First day of calendar month following determination of disablement and
- Continuing for the duration of disability prior to normal retirement date and life thereafter
- → 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
- ✓ 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
- Benefit plus return of member's accumulated contributions
- → 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
- ▼ If no surviving spouse or unmarried children, dependent parents receive payments
- ▼ Unmarried child under age 18 receives payments equal to 25% of payments to spouse

Attachment to Schedule C, Section IV - Continued

- Children Benefits (Cont'd)

Death Prior to Retirement Active service/not accidental

Death After Retirement

Employee Contributions

Refund

- ▼ 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
- ▼ 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
- ▼ 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
- → 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.
- → Accumulated contributions without interest

SECTION V Development of Contribution Requirements Table 09-1 Normal Cost and Actuarial Accrued Liability

A.	No	rmal Cost				
	1.	Retirement Benefits				\$4,792,956
	2.	Disability Benefits				2,322,675
	3.	Preretirement Death Benefits				149,333
	4.	Postretirement Death Benefits				· -
	5.	Refunds to Withdrawals				260,833
	6.	Medicare Premium Benefits				-
	7.	Vested Benefits				78,250
	8.	Total				\$7,604,047
В.	Act	cuarial Accrued Liability				
	1.	Actuarial Present Value of Benefits at Attained Age	•			
			<u>Deferred</u>	<u>In Payment</u>	<u>Active</u>	<u>AII</u>
		Retirement Benefits	\$1,056,134	\$155,178,117	\$147,269,073	\$303,503,324
		Disability Benefits	329,993	83,274,166	47,054,425	130,658,584
		Survivor Benefits	-	27,034,748	` -	27,034,748
		Preretirement Death Benefits	-	-	2,502,125	2,502,125
		Postretirement Death Benefits	-	-	-	-
		Refunds to Withdrawals	-	-	2,013,429	2,013,429
		Medicare Premium Benefits	-	-	-	, -
		Vested Benefits		-	2,087,498	2,087,498
		Total	\$1,386,127	\$265,487,031	\$200,926,550	\$467,799,708
	2.	Actuarial Present Value of Future Normal Costs				
		Retirement Benefits			\$50,640,081	
		Disability Benefits			24,027,532	
		Preretirement Death Benefits			1,576,589	
		Postretirement Death Benefits			-	
		Refunds to Withdrawals			2,790,469	
		Medicare Premium Benefits			· - ·	
		Vested Benefits			907,424	
		Total			\$79,942,095	(\$79,942,095)
	3.	Actuarial Accrued Liability				\$387,857,613
C.	Unf	unded Actuarial Accrued Liability				
	1.	Actuarial Accrued Liability				\$387,857,613
	2.	Actuarial Value of Assets				(105,564,988)
	3.	Unfunded Actuarial Accrued Liability				\$282,292,625

SECTION V Development of Contribution Requirements Table 09-2 Actuarial (Gain) Loss Determination

A.	Re	conciliation of Funded Status						
	1.	Unfunded Actuarial Accrued Liability as of 01/01/2007		2227				\$238,632,923
	2. 3. 4.	Normal Cost and Administrative Expenses Assumed Interest Charged at Valuation Rate Contributions Made	\$	2007 6,869,927	\$	2008 7,264,948		14,134,875 45,478,312
		a. Municipalityb. State Aid Allocatedc. Employees	\$	2007 14,453,383 5,470,103 3,234,709	\$	2008 14,690,070 5,442,251 3,501,221		(46,791,738)
	5. 6.	Interest Credited at Valuation Rate Special Adjustment Because of Higher Act 82 Interest Rate						(3,336,277) (3,472,527)
	7. 8.	Expected Unfunded Actuarial Accrued Liability Before Adjustments Experience from Investment Return					\$	244,645,568
	ο.	a. Comparative Interest Rate Amortization Tabulation (Gain) Lossb. Other Investment Return (Gain) Loss			\$	49,215,320 (11,500,673)		37,714,647
	9. 10.	Experience (Gain) Loss from all Other Sources Increase (Decrease) in Unfunded Actuarial Accrued Liability:						476,630
		a. Benefit Modifications for Actives b. Benefit Modifications for Retirees				\$0 0		
		c. Change in Actuarial Asset Valuation Method d. Change in Actuarial Assumption (Interest Rate)				(24,361,151) 23,816,931		<u>(544,220)</u>
	11.	Actual Unfunded Actuarial Accrued Liability				<u> </u>		\$282,292,625
В.	Los 1.	s (Gain) to be Amortized Experience (Gain) Loss from 01/01/2007					\$	38,191,277
	2. 3.	Actuarially Required Contributions and Bond Proceeds with Interest Actual Contributions with Interest				52,894,548 (50,128,015)	_	00,.0.,2
	4. 5.	Contribution (Gain) Loss Loss (Gain) to be Amortized				100,120,010	<u> </u>	2,766,533 40,957,810
_							Ψ	40,957,610
C.	1.	nparative Interest Rate Amortization Tabulation Balance Calculated Using Actual Investment Return a. Act 82 Amortization Balance at January 1	\$ 1	2007 15,707,992	\$	2008 137,681,032		
		b. Act 82 Amortization Paymentc. Comparative Interest Rate Balance on January 1	<u> </u>	7,746,181 23,454,173		7,746,181 145,427,213		
		d. Actual Investment Return on Balance		14,226,859	_	(36,742,185)		
		e. Actual Act 82 Amortization Balance at December 31 (c +d)	1	37,681,032	•	108,685,028	\$	108,685,028
	2.	Balance Calculated Using Ten Percent Investment Return a. Comparative Interest Rate Balance on January 1	1:	2007 23,454,173		2008 143,545,771		
-		b. Interest at Ten Percentc. Comparative Act 82 Amortization Balance at December 31		12,345,417 35,799,590		14,354,577 157,900,348	¢	157,900,348
	2	·		00,700,000		107,000,040	Ψ	107,800,040
	3.	Comparative Interest Rate Amortization Tabulation (Gain) Loss (2) - (1)					\$	49,215,320

SECTION V Development of Contribution Requirements Table 09-3 Amortization of Unfunded Actuarial Accrued Liability

Source Initial	\$	Original Amount 131,617,548	Year Est. 1998	Target Year 2037	\$	Remaining Balance 173,258,009	Remaining Payments 29	\$	Annual Amount 7,746,181
Assumption Change	\$	(2,912,234)	1998	2017	\$	(1,903,798)	9	\$	(282,185)
Experience Loss	\$	815,131	1999	2013	\$	391,239	5	\$	90,730
Experience Gain	\$	(6,646,327)	2000	2014	\$	(3,679,730)	6	\$	(737,022)
Experience Loss	\$	21,763,126	2001	2015	\$	13,520,933	7 .	\$	2,404,628
Assumption Change	\$	597,864	2002	2021	\$	488,411	13	\$	57,217
Experience Loss	\$	3,850,682	2002	2016	\$	2,631,369	8	\$	423,979
Investment Loss	\$	18,838,751	2002	2032	\$	17,151,517	24	\$	1,508,348
Assumption Change	\$	(4,706,925)	2003	2022	\$	(3,999,561)	14	\$	(449,198)
Ben. Mod Retired	\$	5,143,958	2003	2012	\$	2,582,392	4	\$	721,924
Experience Loss	\$	7,363,935	2003	2017	\$	5,451,735	9	\$	808,067
Investment Loss	\$	26,217,850	2003	2032	\$	24,711,371	24	\$	2,173,181
Assumption Change	\$	(369,251)	2005	2024	\$	(335,431)	16	\$	(35,089)
Experience Loss	\$	14,390,731	2005	2019	\$	12,113,291	11	\$	1,571,098
Experience Gain	\$	(542,011)	2007	2021	\$	(502,712)	13	\$	(58,893)
Aggregate Changes through									
Last Valuation		N/A	N/A	2021	\$	68,621,026	13	\$	8,196,785
Assumption Change	\$	(544,220)	2009	2028	\$	(544,220)	20	\$	(51,324)
Ben. Mod Actives	*	N/A			\$	(0,==0)		*	(0.,012.)
Ben. Mod Retired		N/A			\$	_			
Experience Loss	\$	40,957,810	2009	2028	\$	40,957,810	20	\$	3,862,633
Aggregate Changes 2009		N/A	N/A	2028	\$	40,413,590	20	\$	3,811,309
Aggregate Changes		N/A	N/A	2023	\$	109,034,616	15	\$	12,008,094
Aggregate		N/A	N/A		\$	282,292,625		\$	19,754,275
Details of the Calculation of Act 1. Act 82 Unfunded Actuarial Ac 2. Forty Year Amortization Payn 3. Future Value at End of 40 Ye 4. Payment to Provide the Same	ccru nent ar P	ed Liability eriod	n 10% ∆	nnual F	arn	ings		\$ \$ \$3	131,617,548 10,972,874 ,771,242,164 7,746,181
T. I ayment to I lovide the Game	, i u	uic value Will	1 10 /0 /	iniuai Li	al f	n igo		Ψ	7,740,101

SECTION V Development of Contribution Requirements Table 09-4 Required Municipal Contributions

The Financial Requirement of the Plan is based on the Normal Cost Percentage and other components shown below. The Normal Cost Percentage is applied to the payroll of the members for the applicable fiscal year.

1.	Normal Cost (Table 09-1)	\$7,604,047
2.	Total Annual Payroll	\$63,787,288
3.	Percentages for Budget a. Normal Cost (1 divided by 2) b. Administrative Expense (as a % of Payroll) c. Gross Normal Cost	11.921% 1.700% 13.621%
4.	Net Amortization Payment (Table 09-3)	\$19,754,275
5.	Funding Adjustment	\$0

Alternative Amortization Payment

The city has voluntarily elected to amortize the entire unfunded liability over a thirty year period commencing January 1, 2009.

Thirty Year Amortization Payment

23,217,898

			4:
•			-
			i

3. UNFUNDED ACTUARIAL ACCRUED LIABILITY as of valuation date (+ or -) \$ 387,857,613 (E4 (Item 1 minus Item 2b) 4. AMORTIZATION CONTRIBUTIONS a. For amortization of initial unfunded actuarial accrued liability established 1/1/85. 2 1) Amortization period remaining (years) 29 (E5 2) Amortization contribution calculated as a level dollar amount for the plan year beginning on valuation date \$ 14,773,769 (E6 3) Amortization contribution calculated as a level percentage of payroll for the plan year beginning on valuation date 3 \$ N/A (E7 b). For amortization of all increases or decreases in unfunded actuarial accrued liability occurring after 1/1/85 or the initial UAL's establishment. 2 1) Aggregated amortization period (years) 12 (E8 2) Aggregated amortization contribution calculated as a level dollar amount for the plan year beginning on valuation date \$ 7,153,894 (E9)	Actuarial Data as of Page 1 of 6	JANUARY 1 (Valuation Date) , 2009. For: POLICEMEN'S (Pension Plan) of CITY OF PITTSBURG (Municipality)	GH in ALLEGHENY (County)
1. ACTUARIAL ACCRUED LIABILITY as of valuation date	INSTRUCTIONS:	to fund unfunded actuarial accrued liabilities under section 404 of Act 205 of contributed to the pension plan are amortization contributions allocated under section this exhibit is modified to reflect the funded status of the had the bond issue proceeds not been contributed to the pension plan. Prounded to the nearest dollar, in the space provided. Enter zero or negative valublanks or refer to exhibits. Earnings on bond issue proceeds contributed to the pension fund are to be calcutheration of borrowed assets to total assets at market value as of the valuation da	1984. The bond issue proceeds etion 202(b)(4) of Act 205. The pension plan that would exist rint or type the data requested, les, if applicable. Do not leave lated proportionately, based on
(Enter amount reported in item 42 on page 4 of the reporting form.) 2. TOTAL FUND ASSETS a. Market Value of Assets 1	A. Summary of Mo	odified Actuarial Data	
a. Market Value of Assets 1	1. ACTUA (Enter an	RIAL ACCRUED LIABILITY as of valuation date	387,857,613 (E1
3. UNFUNDED ACTUARIAL ACCRUED LIABILITY as of valuation date (+ or -) \$ 387,857,613 (E4 (Item 1 minus Item 2b) 4. AMORTIZATION CONTRIBUTIONS a. For amortization of initial unfunded actuarial accrued liability established 1/1/85. 2 1) Amortization period remaining (years) 29 (E5 2) Amortization contribution calculated as a level dollar amount for the plan year beginning on valuation date \$ 14,773,769 (E6 3) Amortization contribution calculated as a level percentage of payroll for the plan year beginning on valuation date 3 \$ N/A (E7 b). For amortization of all increases or decreases in unfunded actuarial accrued liability occurring after 1/1/85 or the initial UAL's establishment. 2 1) Aggregated amortization period (years) 12 (E8 2) Aggregated amortization contribution calculated as a level dollar amount for the plan year beginning on valuation date \$ 7,153,894 (E9)			Œ2
(Item 1 minus Item 2b) 4. AMORTIZATION CONTRIBUTIONS a. For amortization of initial unfunded actuarial accrued liability established 1/1/85. 1) Amortization period remaining (years)	b. Actua	rial Value of Assets reported in Item 2a above	<u>0</u> (E3
a. For amortization of initial unfunded actuarial accrued liability established 1/1/85. 2 1) Amortization period remaining (years)	3. UNFUNI (Item 1 n	DED ACTUARIAL ACCRUED LIABILITY as of valuation date (+ or -) \$ ninus Item 2b)	387,857,613 (E4
1) Amortization period remaining (years)	4. AMORT	IZATION CONTRIBUTIONS	
plan year beginning on valuation date	a. For a 1) A	mortization of initial unfunded actuarial accrued liability established 1/1/85. ² Amortization period remaining (years)	
plan year beginning on valuation date ³	2) A	Amortization contribution calculated as a level dollar amount for the slan year beginning on valuation date	14,773,769 (E6
liability occurring after 1/1/85 or the initial UAL's establishment. 1) Aggregated amortization period (years)			N/A_ (E7
plan year beginning on valuation date\$ 7,153,894 (E9	liabil	ity occurring after 1/1/85 or the initial UAL's establishment.	12_(E8
c. Modified Total Amortization Requirement ⁴	2) A	aggregated amortization contribution calculated as a level dollar amount for the plan year beginning on valuation date	7,153,894 (E9
·	c. Modi	fied Total Amortization Requirement 4\$	N/A_ (E10
d. Total Amortization Requirement (Item E6 + E9 or Item E7 + E9 or Item E10, whichever is applicable)	d. Total which	Amortization Requirement (Item E6 + E9 or Item E7 + E9 or Item E10, never is applicable)	21,927,663 (EII

¹ The value must equal the Total Fund Assets that would have existed had the bond issue proceeds not been contributed to the pension fund, as developed in Schedule II of this exhibit.

²Initial unfunded actuarial accrued liability may be established later than 1/1/85 if coincidental with the establishment of the pension plan or with the initiation of a new amortization schedule authorized by Act 82 of 1998.

³Enter N/A unless municipality has been certified to use level percentage of payroll amortization pursuant to Section 607 of Act 205.

⁴If the municipality has formally elected to apply the limit on the amortization contribution under section 202(b)(4), enter the modified total amortization requirement calculated as the amount required to amortize the unfunded actuarial accrued liability over ten years. Otherwise, enter N/A.

ALLEGHENY (County)

Actuarial Data as of JANUARY 1 (Valuation Date) , 2009. For: POLICEMEN'S (Pension Plan) of CITY OF PITTSBURGH in (Municipality)

	Contribution Comprised of Bond Issue Proceeds ¹	Date of Contribution	Modified Aggregated Amortization Contribution Target Date ² (MO/DA/YR)	Modified Aggregated Amortization Period Initially Established ² (Years)	Modified Aggregated Amortization Period Remaining
1.	\$ 119,407,735	03/10/98	03/10/2037	40	(Years)
2.	\$				
3.	\$				
4.	\$				
5.	\$				
6.	\$				
7.	\$				
8.	\$				
9.	\$				
o.	\$				
2 De	ontributions to the pension plan shal financing of an amount previously be etermined under section 404 of Act e plan's assumed rate of investment riod initially established shall not ex	205 using the unfu earnings. In the e	nded accrued liability and total am	ortization requirement shown	in Part A of this exhibit and f 30 years, the amortization

Total \$

Actuarial Data as of JANUARY 1 (Valuation Date), 2009. For: POLICEMEN'S (Pension Plan) of CITY OF PITTSBURGH in ALLEGHENY (County)

INSTRUCTIONS:

Provide unfunded actuarial accrued liability and amortization contributions as of valuation date developed under section 404 of Act 205. Bond issue proceeds used to fund unfunded actuarial accrued liabilities are not reflected in the data provided. Submission of the exhibits prepared in compliance with section 202(b)(3) of Act 205 may be required.

Part C - Modified Unfunded Actuarial Accrued Liability and Amortization Contributions

。 · · · · · · · · · · · · · · · · · · ·		Initial Unfun	led Actuarial Accr	ied Liability	
Amount of Initial Liability	Date Established	Target Date	Original Amortization Period	Remaining Balance	Level Dollar Amortization Contribution 1
\$ 251,025,283	1998	2037	. 40	\$ 330,443,328	\$ 14,773,769 (E11

Source	Amount of Liability	Date Established	Target Date	Amortization Period	Amortization Contribution
Benefit Plan Modification	N/A	N/A	N/A	N/A	N/A
Actuarial Assumption Modification	23,816,931	2009	2028	20	2,246,118
Actuarial Losses (+) or Gains (-)	(2,009,753)	2009	2028	20	(189,535)
Post-Retirement Adjustments	N/A	N/A	N/A	N/A	N/A
Total	\$ 21,807,178	xxxxxx	xxxxxx	XXXXXX	\$ 2,056,583 (E12

Aggregation	of Changes in Unfunded	Actuarial Accri	ued Liability Sir	ice Initially Establish	ed in 1985	
Description	Remaining Balance of Aggregated Liability	Date of Aggregation	Aggregated Target Date	Agg. Amortization Period	Aggregated Amortiz Contribution	ation
Aggregation of all prior changes (exclude changes in Section B)	\$ 35,607,107	2007	2018	10	5,097,311 (E13
Aggregation of all changes (include changes in Section B)	\$ 57,414,285 ²	Current Valuation Date	2020	12	\$ 7,153,894 (E14.

¹Level 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.

The sum of this item (aggregated balance of all changes in UAL) and the remaining balance of the initial liability must equal the amount in Exhibit I, Part A, Item E4.

Actuarial Data as of JANUARY 1 , 2009. For: POLICEMEN'S (Pension Plan) of CITY OF PITTSBURGH in ALLEGHENY (County)

INSTRUCTIONS: A separate Part D for debt service requirements is required for each instance where bond issue proceeds are contributed to the pension plan. If more than one Part D is required, please submit color coded copies or request additional originals from the Commission's office.

NOTES: 1) If the bond issue proceeds contributed to an individual pension plan were less than 100% of the total bond issue proceeds contributed, the total debt service requirements must be proportionately allocated among the individual pension plans based on the ratio of the bond issue proceeds contributed to each individual pension plan to the total bond issue proceeds contributed.

2) Debt service requirements determined and reported on this exhibit are not modified if refinancing occurs.

D. Identification and Allocation of Total Debt Service Requirements for Debt Issued to Finance Pension Plan Contributions

Date of Original Borrowing	Total Principal Amount Borrowed and Contributed to Pension Plans	Amount of Total Principal Contributed to this Pension Plan	Percentage of Total Debt Service Allocated to this Pension Plan	Date of Refinancing
3/10/98	\$ <u>255,865,000.00</u> (A)	\$ 120,512,415.10 (B)	47.6 (B÷A) %	N/A

		Required Principal	Required Interest	Premium or	Principal Balance at				
	Plan Year	Payment	Payment	Discount Amortized					
	1998	\$ - =	\$ 3,921,658.75	- \$ -	\$ 120,512,415.10				
2	1999	471,000.00	7,830,011.75	-	120,512,415.10				
3	2000	471,000.00	7,803,518.00	-	120,041,415.10				
4	2001	471,000.00	7,776,882.95	-	119,570,415.10				
5	2002	471,000.00	7,749,753.35	-	119,099,415.10				
6	2003	471,000.00	7,722,411.80	-	118,628,415.10				
7	2004	471,000.00	7,694,787.65	-	118,157,415.10				
8	2005	1,179,855.01	7,645,426.83	-	117,686,415.10				
9	2006	1,092,720.01	7,576,976.41		116,506,560.09				
10	2007	1,158,660.01	7,508,582.50	-	115,413,840.08				
11	2008	1,208,115.01	7,436,244.85		114,255,180.07				
12_	2009	1,304,670.00	7,353,582.89		113,047,065.06				
13	2010	1,417,710.00	7,263,616.00	_	111,742,395.06				
14	2011	1,521,330.00	7,171,771.00	-	110,324,685.06				
15	2012	3,716,190.01	7,007,169.44	-	108,803,355.06				
16	2013	5,173,935.00	6,725,837.03		105,087,165.05				
17	2014	5,505,990.01	6,382,619.91	**	99,913,230.05				
18	2015	5,988,765.01	6,009,040.37	-	94,407,240.04				
19	2016	6,386,760.00	5,606,835.82	-	88,418,475.03				
20	2017	8,593,395.01	5,119,980.78		82,031,715.03				
	(Continue on additional pages, if necessary.)								

(CONTINUED FROM PAGE 4 OF 6)					
		Required Principal	Required Interest	Premium or	Principal Balance at
	Plan Year	Payment	Payment	Discount Amortized	Valuation Date
1	2018	\$ 6,233,685.01	\$ 4,638,100.67	- \$	\$ 73,438,320.02
2	2019	9,434,130.01	4,124,179.63	-	67,204,635.01
3	2020	10,079,400.01	3,480,233.14	•	57,770,505.00
4	2021	10,767,060.01	2,792,299.96	-	47,691,104.99
5	2022	11,504,175.00	2,057,349.21	-	36,924,044.98
6	2023	12,290,744.99	1,272,116.86	-	25,419,869.98
7	2024	13,129,124.99	433,261.15	-	13,129,124.99
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(Continue on additional pages, if necessary.)					

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ctuarial Data as of JANUARY 1 (Valuation Date), 2009. For: POLICEN (Pension P	IEN'S	of CITY OF PITTSBURGH (Municipality)	in ALLEGHEN (County)
Schedule I			
STATEMENT OF RECEIN INCLUDING BO FOR THE PERIOD EN	ND ISSU	JE ASSETS	
TOTAL FUND ASSETS AT JANUARY 1, 2007 1		\$	114,889,067
RECEIPTS:		;	
Employer Contributions	\$	29,143,453	
Employee Contributions	\$	6,735,930	
State Aid	\$	10,912,354	
Supplemental State Assistance	\$	0	
Investment Income	\$	12,372,103	
Net Change in Market Value	\$	(28,183,096)	
Other Receipts (Identify) .CONTRIBUTIONS	\$	2,828,318	
TOTAL RECEIPTS		\$	33,809,062
DISBURSEMENTS:			
Monthly Benefit Payments	\$	62,063,940	
Refund of Employee Contributions	\$	467,365	
Administrative Expenses	\$	2,134,671	
Other Disbursements (Identify)	\$	2,828,318	
TOTAL DISBURSEMENTS PASS THROUGH PAYMENTS		\$	67,494,294
TOTAL FUND ASSETS AT JANUARY 1, 2009 2		\$	81,203,837

¹ <u>All filers</u> should prepare this schedule for a two-year period. Value must equal Total Fund Assets at Market Value reported in Section V of the January 1, 2007, actuarial valuation reporting form if bonds were issued on or after that date. If bonds were issued prior to that date, the assets reported should be from Exhibit I of the January 1, 2007, actuarial valuation reporting form.

²Value must equal Total Fund Assets at market value reported in Section V of the current Act 205 actuarial valuation reporting form.

Actuarial Data as of Page 6 of 6	JANUARY 1 (Valuation Date)	, 2009. For:	POLICEMEN'S (Pension Plan)	of	$\frac{CITY\ OF\ PITTSBURGH}{(Municipality)}\ \ \textbf{in}$	ALLEGHENY (County)
Schedule II						

STATEMENT OF RECEIPTS AND DISBURSEMENTS *EXCLUDING* BOND ISSUE ASSETS FOR THE PERIOD ENDING JANUARY 1, 2009

TOTAL FUND ASSETS AT JANUARY 1, 2007 ¹	\$	0
RECEIPTS:		
Employer Contributions ² \$	46,323,272	
Employee Contributions	6,735,930	
State Aid	10,912,354	
Supplemental State Assistance	0	
Investment Income ³	0	
Net Change in Market Value 4 \$	0	
Other Receipts (Identify) CONTRIBUTIONS\$	2,828,318	
TOTAL RECEIPTS	\$	66,799,876
DISBURSEMENTS:		
Monthly Benefit Payments \$	62,063,940	
Refund of Employee Contributions \$	467,365	
Administrative Expenses 5 \$	1,440,253	
Other Disbursements (Identify)PAYMENTS\$	2,828,318	
TOTAL DISBURSEMENTS	\$	66,799,876
TOTAL FUND ASSETS AT JANUARY 1, 2009 6	\$	0

¹ <u>All filers</u> should prepare this schedule for a two-year period. Value must equal Total Fund Assets at Market Value reported in Section V of the January 1, 2007, actuarial valuation reporting form if bonds were issued on or after that date. If bonds were issued prior to that date, the assets reported should be from Exhibit I of the January 1, 2007, actuarial valuation reporting form.

²This amount includes hypothetical amortization contributions that would have been made had bond issue proceeds not been deposited.

³ This amount does not include earnings on bond issue proceeds, but does include assumed interest earnings on hypothetical amortization contributions.

⁴This amount represents the proportionate change in market value attributable to assets excluding bond issue proceeds.

 $^{^{5}}$ Investment expenses attributable to bond issue proceeds should be excluded from this amount.

⁶Value must equal Total Fund Assets at market value reported in Exhibit I, Page 1, Item E2.