October 6, 2015

The Board of Trustees City of Grosse Pointe Woods Employees Retirement System Grosse Pointe Woods, Michigan

Dear Board Members:

The purpose of the annual actuarial valuation of the City of Grosse Pointe Woods Employees Retirement System as of June 30, 2015 is to:

- Compute the liabilities associated with benefits likely to be paid on behalf of current retired and active members of the Retirement System,
- Compare accrued assets with accrued liabilities to assess the funded condition of the Retirement System, and
- Compute the City's recommended contribution rate for the Fiscal Year beginning July 1, 2016.

This valuation has been conducted in accordance with generally accepted actuarial principles and practices. Data concerning active members, retirees, beneficiaries and assets was provided by the City. This data has been reviewed for reasonableness, but no attempt has been made to audit such information. The valuation was based on the provisions of the Retirement System as amended through June 30, 2015. The actuarial assumptions used in this valuation represent reasonable expectations of future experience under the System. This report was prepared under the direction of a member of the American Academy of Actuaries who meets the qualification standards of the American Academy of Actuaries to render the actuarial opinion contained herein.

Respectfully submitted,

Denise M. Jones

Sandra W. Rodwan

Senior Consultant Member, American Academy of Actuaries

Janise Myones Sandia Mikodwan

City of Grosse Pointe Woods Employees Retirement System

Actuarial Valuation as of June 30, 2015

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Section One: Valuation Summary



Purpose of Valuation

The purpose of the annual actuarial valuation of the City of Grosse Pointe Woods Employees Retirement System as of June 30, 2015 is to:

- Compute the liabilities associated with benefits likely to be paid on behalf of current retired and active members of the Retirement System,
- Compare accrued assets with accrued liabilities to assess the funded condition of the Retirement System, and
- Compute the City's recommended contribution rate for the Fiscal Year beginning July 1, 2016.

This valuation is exclusive of post-retirement health benefits.

Liabilities and Funded Condition of Retirement System

Total accrued pension liabilities of the Retirement System as of June 30, 2015, were computed to be \$49,481,642. The funding value of accrued assets allocated to pensions was \$39,363,214. The ratio of the funding value of accrued assets allocated to pensions to accrued pensions liabilities was 79.6%.

Funding Value of Assets

A funding value of assets was used for the June 30, 2015 valuation. The funding value spreads the difference between the actual and assumed investment return over 5 years.

Computed City Contribution Rate

The City's normal cost contribution rate for pensions was computed to be 7.49% for General members and 10.78% for Public Safety members. Amortizing the unfunded accrued liability over 25 years resulted in an amortization payment of 12.79% of member payroll.

Retirement System Experience

Overall experience of the Retirement System was favorable during the year ended June 30, 2015. The return on the market value of assets was less than the assumed rate. However, the nominal rate of return on the funding value of assets was greater than the assumed rate. The nominal rate of return on the funding value of assets was 9.87% versus the 8.0% assumed rate.

Benefit Provision Changes

There were no benefit changes included in this valuation.

Assumption and Method Changes

The withdrawal, retirement, disability and mortality assumptions were adjusted in compliance with the Experience Study dated June 30, 2009 through June 20, 2014 and adopted by the Board of Trustees on January 8, 2015. The RP2014 mortality table replaced the 1994 Group Annuity Mortality Table.

Participant Data

	06/30/2015		06/3	30/2014
	Number	Payroll	Number	Payroll
Active Members				-
General	47	\$2,358,679	44	\$2,196,932
Public Safety	<u>29</u>	2,292,884	<u>29</u>	<u>2,214,770</u>
Total Active Members	76	\$4,651,563	73	\$4,411,702
Retirees and Beneficiaries				
General	54	\$1,071,159	53	\$1,027,978
Public Safety	<u>47</u>	1,895,700	<u>49</u>	1,879,963
Total Retirees and Beneficiaries	101	2,966,859	102	\$2,907,941
Inactive Vested Members				
General	11	\$134,464	10	\$131,086
Public Safety		<u>-</u> _	<u> </u>	<u>-</u>
Total Inactive Vested Members	11	\$134,464	10	\$131,086

Financial Data

	06/30/2015	06/30/2014
Funding Value of Assets	\$39,363,214	\$37,751,220
Market Value of Assets	38,964,617	41,280,482

Section Two:

Actuarial Calculations – Funding



Computed Contribution Rates for The Year Beginning July 1, 2016

The contribution rates shown below are expressed as percents of active member payroll.

The normal cost can be viewed as the long-term on-going cost of the Retirement System.

The unfunded actuarial accrued liability was amortized as a level percent of payroll over 25 years. The 25 year period is the same as the period used last year to amortize the excess of accrued assets over accrued liabilities.

	Percents	of Payroll
FOR PENSIONS	<u>General</u>	Public Safety
Normal Cost		
Regular Retirement	9.67%	12.08%
Pre-retirement Death	0.26	0.34
Disability	0.57	3.02
Withdrawal	2.14	1.34
Total Normal Cost	12.64	16.78
Member Portion	5.15	6.00
City's Computed Normal Cost	7.49	10.78
Total Unfunded Accrued Liability	12.79	12.79
City's Contribution Rate for Pensions City's Dollar Contribution*	20.28% \$507,326	23.57% \$573,181

^{*}Based on valuation payroll of \$2,358,679 and \$2,292,884 for General and Public Safety respectively, projected to mid-way through the contribution fiscal year.

Unfunded Actuarial Accrued Liability

	<u>6/30/2015</u>	6/30/2014
Actuarial Accrued Liability	\$49,481,642	\$45,452,820
Assets Allocated to Funding	<u>39,363,214</u>	37,751,220
Unfunded Actuarial Accrued Liability	\$10,118,428	\$7,701,600

Computed City Contributions – (Excluding Supplemental Annuities)

Fiscal Year Beginning	Valuation Date	Computed Dollar	Actual Dollar	Computed Per	rcent of Payroll
July 1	June 30	Contributions	Contributions	General	Public Safety
1998	1997	\$590,720	\$586,900	2.72%	5.80%
1999	1998	389,980	401,475	0.00	3.30
2000	1999 (a)	234,977	312,475	0.00	0.00
2001	2000	44,773	306,070	0.00	0.00
2002	2001	266,451	306,000	0.00	0.00
2003	2002	534,143	534,143	0.00	0.00
2004	2003	1,019,328	1,106,564	1.40	5.74
2005	2004 (a)	1,349,607	1,220,333	8.12	12.64
2006	2005 (a)	841,374	1,306,228	12.54	15.50
2007	2006 (a)	1,016,356	1,016,356	15.21	18.59
2008	2007	1,037,161	1,115,843	14.65	17.98
2009	2008 (a)*	452,284	955,635	6.22	7.98
2010	2009	754,106#	751,202	10.56	12.26
2011	2010	786,228	712,463	12.64	14.28
2012	2011	743,380	767,521	12.55	14.25
2013	2012	891,295	888,696	15.29	16.99
2014	2013	906,319	889,829	16.12	18.14
2015	2014	843,859		16.82	19.24
2016	2015*	1,080,507		20.28	23.57

⁽a) After changes in benefit provisions and/or actuarial assumptions.

Prior to the fiscal year beginning July 1, 2006, contribution amounts included health insurance. # Based on valuation payroll.

Note: Results prior to 2008 are based on reports provided by previous actuarial firm.

^{*} Reflects amortization of the credit for accrued assets in excess of accrued liabilities for all valuations except 2005, 2006 and 2007 and 2009.

History of Assets and Accrued Liabilities

Valuation Date	Valuation	Actuarial Accrued	Funded	Unfunded Actuarial Accrued
June 30	Assets	Liabilities	Ratio	Liabilities
1990	\$16,860	\$13,914	121.2%	\$(2,946)
1995	22,757	20,442	111.3	(2,135)
1996	24,251	20,354	119.1	(3,897)
1997	26,876	20,533	130.9	(6,343)
1998	30,018	22,403	134.0	(7,615)
1999 (a)	33,785	26,108	129.4	(7,677)
2000	36,943	27,097	136.3	(9,846)
2001	38,298	29,108	131.6	(9,190)
2002	37,739	30,427	124.0	(7,312)
2003	35,745	32,137	111.2	(3,608)
2004 (a)	34,404	33,804	101.8	(600)
2005 (a)	33,329	36,141	92.2	2,812
2006 (a)	33,549	36,846	91.1	3,297
2007	35,801	38,744	92.4	2,943
2008 (a)	37,728	36,310	103.9	(1,418)
2009	37,149	40,417	91.9	3,268
2010(a)	36,074	41,541	86.8	5,467
2011	37,667	42,738	88.1	5,071
2012	37,369	44,747	83.5	7,378
2013	37,171	44,950	82.7	7,779
2014	37,751	45,453	83.1	7,702
2015(a)	39,363	49,481	79.6	10,118

⁽a) After changes in actuarial assumptions.

Results shown throughout this report for years prior to 2008 were prepared by the previous actuarial firm.

Comments and Conclusion

Comments: Overall experience of the Retirement System was generally favorable during the year ended June 30, 2015. If the demographic assumptions had not changed, the funded ratio would have increased to 84.2% (from 83.1% last year). The adoption of the new demographic assumptions, based on the Experience Study from 2009-2014, reduced the funded ratio to 79.6%.

Conclusion: The Retirement System is funding benefits in accordance with a sound level percent of payroll funding objective.

Section Three:

Retirement System Benefit Provisions



Benefit Provision Summary

Regular Retirement (No reduction factor for age)

Eligibility:

General, Dispatchers/Paramedics and Public Safety members:

Age 50 with 25 years of service, age 55 with 20 years of service, or age 60 with 10 or more years of service.

Annual Benefit:

General members - Hired prior to April, 2011:

Final Average Compensation (FAC) times the sum of 2.0% times the first 25 years of service plus 1.0% times years of service in excess of 25 years.

General members - Hired after April, 2011:

Final Average Compensation (FAC) times 1.75% times years of service.

Dispatchers/Paramedics – Hired prior to July 1, 2011:

2.125% of Final Average Compensation (FAC) times service.

Dispatchers/Paramedics – Hired after July 1, 2011:

1.75% of Final Average Compensation (FAC) times service.

Public Safety Officers and Command – Hired prior to July 1, 2011:

2.5% of Final Average Compensation (FAC) times service to a maximum of 75% of FAC.

Public Safety Officers and Command – Hired after July 1, 2011:

2.0% of Final Average Compensation (FAC) times service to a maximum of 75% of FAC.

Type of Final Average Compensation:

General members: Highest 4 years of compensation.

Dispatchers/Paramedics: Highest 3 years of compensation.

Public Safety: Highest 3 calendar years of compensation out of the last eight calendar

years prior to retirement.

Deferred Retirement (Vested benefit)

Eligibility:

General members: 10 years of service.

Dispatchers/Paramedics and Public Safety members: 10 years of credited service or age 50 with 15 of more years of service.

Annual Benefit:

Computed as regular retirement but based on service and final average compensation at time of termination. Benefits begin at age 60.

Duty Disability Retirement

Eligibility:

No age or service requirements.

Annual Benefit:

Computed as regular retirement with additional service credit granted to the earlier of the date the member would attain age 55 years or the date the member would have satisfied regular retirement eligibility conditions had the member continued in City employment.

General and Dispatchers/Paramedic members have worker's compensation offsets.

Public Safety members, depending upon whether or not they are eligible for a service retirement at the time of injury, may elect to choose between worker's compensation benefits or a disability pension.

Non-Duty Disability

Eligibility:

10 or more years of credited service.

Annual Benefit:

Computed as a regular retirement.

Duty Death in Service Survivor's Pension

Eligibility:

No age or service requirements. Must be in receipt of worker's compensation.

Annual Benefit:

Upon termination of worker's compensation a benefit equal to the worker's compensation amount shall be paid to the widow, unmarried children under 18 and dependent parents. Maximum benefit to the widow: 50% of final average compensation, to the children: 20% of final average compensation, and to the parents: 16-2/3% of final average compensation.

Non-Duty Death in Service Survivor's Pension

Eligibility:

10 years of service.

Annual Benefit:

Computed as a regular retirement but actuarially reduced in accordance with a 100% joint and survivor election.

Post-Retirement Cost-of-Living

Annual adjustments based upon changes in the Consumer Price Index subject to a maximum increase of 2.5% of the adjusted retirement allowance. The cost-of-living adjustment shall be paid on both the base pensions and, for retirements on or after 7/1/90, supplemental annuity distributions.

Member Contributions

General Members: 5.0% of annual compensation.

Dispatchers/Paramedics Members: 6.0% of annual compensation.

Public Safety Members - Hired prior to July 1, 2011: 6.0% of annual compensation.

Public Safety - Hired after July 1, 2011: 5.0% of annual compensation.

Annuity Withdrawal

A member may withdraw accumulated member contributions in a lump sum at retirement. The retirement allowance is reduced by the actuarial equivalent of the annuity withdrawn, based on actuarial assumptions concerning interest and mortality used in the annual actuarial valuation.

Pop-Up Provision

Upon the death of the beneficiary, a retiree who had previously selected either Option II or Option III will have the retirement allowance recomputed as a straight life allowance.

Section Four:

Actuarial Assumptions And Methods



Actuarial Assumptions

Economic Assumptions

(i) Interest Rate 8.0% (net of expenses)

(ii) Salary Increases

Wage Inflation 4.0%

Merit and Longevity Age-related rates

Sample Annual Rates of Salary Increase

		Merit and I	Longevity
Sample Ages	Inflation	General	Public Safety
20	4.0%	3.8%	3.0%
25	4.0	3.1	3.0
30	4.0	2.7	2.6
35	4.0	2.4	1.1
40	4.0	2.1	0.2
45	4.0	1.7	0.2
50	4.0	1.1	0.2
55	4.0	0.7	0.1
60	4.0	0.2	0.0

Demographic Assumptions

(i) Mortality

RP-2014 Mortality Table

Sample	Future Life Expectancy (Years)	
Ages	Men	Women
55	28.2	30.7
60	24.1	26.3
65	20.1	22.0
70	16.2	18.0
75	12.7	14.3
80	9.5	10.9

(ii) Disability

	Percent Becoming Disabled Within Next Year		
Sample Ages	General	Public Safety	
20	0.04%	0.08%	
25	0.04	0.15	
30	0.04	0.30	
35	0.04	0.49	
40	0.10	0.68	
45	0.15	0.87	
50	0.25	1.06	
55	0.49	1.26	
60	1.20	1.46	

(iii) Termination of Employment

Service related rates for first 5 years of employment. Age related rates after first 5 years of employment

		% Separating W	ithin One Year
Sample	Years of		
Ages	Service	General Members	Public Safety
ALL	0	20.00%	12.00%
	1	15.00	9.00
	2	12.00	8.00
	3	10.00	7.00
	4	8.00	6.00
25	5 & Over	6.00	4.50
30		6.00	3.90
35		5.00	2.30
40		3.00	0.90
45		2.00	0.50
50		2.00	0.50
55		1.30	0.50
60		1.30	0.50

(iv) Retirement Rates

Age-related rates

Active Members Retiring within Year Following Attainment of Indicated Retirement Age

Age	% Retiring Within One Year	
Retiring	General	Public Safety
50	30%	40%
51	25	40
52	20	30
53	20	30
54	20	30
55	30	40
56	30	30
57	25	30
58	25	30
59	25	30
60	30	40
61	15	15
62	35	20
63	15	15
64	15	15
65	60	60
66	30	30
67	40	40
68	50	50
69	90	70
70	100	100

Members were assumed to be eligible for retirement after attaining age 50 with 25 years of service or age 55 with 20 years of service, or age 60 with 10 or more years of service.

Actuarial Method Used for the Valuation

Normal Cost. Normal cost and the allocation of actuarial present values between service rendered before and after the valuation date were determined using an individual entry-age actuarial cost method having the following characteristics:

- ❖ The annual normal costs for each individual active member, payable from date of hire to date of retirement, are sufficient to accumulate the value of the member's benefit at the time of retirement;
- ❖ Each annual normal cost is a constant percentage of the member's year-by-year projected covered pay.

Financing of Unfunded Actuarial Accrued Liability. Unfunded actuarial accrued liabilities were amortized as a level percent of payroll over the same 25 year period used in the prior year's valuation.

Active member payroll was assumed to increase 4.0% a year.

Section Five: Valuation Data



Asset Summary

As of June 30, 2015, the market value of assets was reported to be \$38,964,617. The funding value of assets as of June 30, 2015 was \$39,363,214.

Derivation of Funding Value of Assets

A. Funding Value 6/30/2014	\$37,751,220
B. Market Value 06/30/2015	38,964,617
C. Market Value 06/30/2014	41,280,482
D. Non-Investment Net Cash Flow	(2,013,210)
E. Investment Income	
E1. Market Total B-C-D	(302,655)
E2. Amount for Immediate Recognition (8%)	2,939,569
E3. Amount for Phased-In Recognition E1E2.	(3,242,224)
F. Phased-In Recognition of Investment Income	
F1. Current Year 0.20 x E3.	(648,445)
F2. First Prior Year	728,562
F3. Second Prior Year	301,724
F4. Third Prior Year	(593,947)
F5. Fourth Prior Year	897,740
F6. Total Phased-In Amount	685,634
G. Funding Value 06/30/2014 A+D+E2+F6	39,363,214
H. Difference Between Market and Funding Value	(398,597)
I. Rate of Return Based on Funding Value	9.87%
J. Rate of Return on Market Value	(0.74)%

Participant Summary

Retirees and Beneficiaries Included in the Valuation

There were 101 retirees and survivor beneficiaries included in the valuation, with annual pensions totaling \$2,966,859. There were 2 new beneficiaries added from General and 2 new retirees added for Public Safety. There was 1 retiree removed from General and 4 removed from Public Safety during the year ended June 30, 2015.

There were also 11 vested inactive members included in the valuation, with deferred pensions totaling \$134,464.

Pensions Being Paid Historical Schedule

Valuation		Discounted Value of Pensions					
Date		Annual	Average	Discounted vare			
June 30	No.	Pensions	Pension	Total	Average		
1985	45	\$372,747	\$8,283	\$4,633,062	\$102,957		
1990	53	528,200	9,966	6,226,086	117,473		
1995	64	779,106	12,174	9,080,522	141,883		
1996	64	866,743	13,543	10,233,510	159,899		
1997	64	907,159	14,174	10,536,216	164,628		
1998	67	1,002,671	14,965	11,563,000	172,582		
1999	72	1,219,342	16,935	15,108,776	209,844		
2000	73	1,301,569	17,830	16,145,352	221,169		
2001	76	1,428,339	18,794	17,730,248	233,293		
2002	76	1,475,277	19,412	18,207,960	239,578		
2003	81	1,649,089	20,359	20,247,071	249,964		
2004	81	1,679,714	20,737	20,285,831	250,442		
2005	83	1,756,466	21,162	21,204,118	255,471		
2006	83	1,838,834	22,155	22,199,981	267,470		
2007	85	1,934,698	22,761	23,067,937	271,387		
2008	83	1,919,668	23,129	21,966,186	264,653		
2009	85	2,083,133	24,507	24,748,740	291,162		
2010	94	2,465,221	26,226	28,869,449	307,122		
2011	96	2,571,790	26,789	30,458,222	317,273		
2012	97	2,640,806	27,225	31,413,587	323,851		
2013	96	2,692,624	28,048	31,989,823	333,227		
2014	102	2,907,941	28,509	34,336,412	336,631		
2015	101	2,966,859	29,375	36,200,190	358,418		

Retirees and Beneficiaries - June 30, 2015

	Ge	eneral	Publ	ic Safety	Fire Specialist		Totals	
Attained		Annual		Annual		Annual		Annual
Age	No.	Pensions	No.	Pensions	No.	Pensions	No.	Pensions
35-39		\$ -	1	\$34,976		\$ -	1	\$34,976
40-44			1	43,137			1	43,137
45-49					1	27,237	1	27,237
50-54	3	67,713	4	182,401			7	250,114
55-59	5	97,131	8	408,233	1	22,827	14	528,191
60-64	6	166,270	6	261,001	2	57,684	14	484,955
65-69	8	121,150	11	359,518			19	480,668
70-74	6	134,458	6	219,562			12	354,020
75-79	8	130,850	7	321,002			15	451,852
80-84	5	76,165	3	65,869			8	142,034
85-89	4	96,410	-	-			4	96,410
90-94	4	55,240	-	-			4	55,240
95-99	1	18,025					1	18,025
Totals	50	\$963,412	47	\$1,895,699	4	\$107,748	101	\$2,966,859

Active Member Summary

General Active Members - June 30, 2015 Age and Service Distribution

Attained		Service							Totals
Age	0-4	5-9	10-14	15-19	20-24	25-29	Over 30	No.	Payroll
25-29	4							4	\$166,028
30-34		4						4	190,803
35-39	1		2	2				5	231,628
40-44	1	1		5				7	370,698
45-49	2	2	1	2	1			8	411,947
50-54	2		1	3	2			8	416,016
55-59	1		1			1	1	4	229,827
60-64	2		1	1				4	211,614
65-69			2	1				3	130,118
Total	13	7	8	14	3	1	1	47	\$2,358,679

Group Averages:

Age: 46.8 years Service: 11.6 years Annual Pay: \$50,185

Public Safety Active Members - June 30, 2015 Age and Service Distribution

Attained		Service					I	Totals	
Age	0-4	5-9	10-14	15-19	20-24	25-29	Over 30	No.	Payroll
30-34		1	5					6	\$487,031
35-39	1		4	1				6	493,197
40-44	1	1	5					7	519,559
45-49	1			1	2			4	308,574
50-54				3	1			4	326,013
55-59		1						1	81,092
60-64							1	1	77,418
Total	3	3	14	5	3		1	29	\$2,292,884

Group Averages:

Age: 42.8 years Service: 13.4 years Annual Pay: \$79,065

Active Members – Comparative Summary

	June	30, 2015	June 30, 2014		
	General	Public Safety	General	Public Safety	
Active Members	47	29	44	29	
Valuation Payroll	\$2,358,679	\$2,292,884	\$2,196,932	\$2,214,770	
Average Compensation	\$50,185	\$79,065	\$49,930	\$76,371	
Average Age (yrs.)	46.8	42.8	45.3	42.5	
Average Service (yrs.)	11.6	13.4	11.5	14.4	

Section Six:

Supplemental Annuities



Computed Contributions for Supplemental Annuities Beginning July 1, 2016

City Contributions Expressed As

Dollars Per Active Member

	Dollars Per A	ctive Member
<u>CONTRIBUTIONS FOR</u>	<u>General</u>	Public Safety
Normal Cost	\$788	\$0
Unfunded Actuarial Accrued Liability	5,604	<u>957</u>
Total Per Member	\$6,392	\$957

Actuarial accrued liability, \$3,434,464 was reduced by accrued assets, \$1,403,779, and the resulting unfunded actuarial accrued liability, \$2,030,685, was amortized as level dollar payments over a period of 10 years, the same period used for the June 30, 2014 valuation.

Contributions for Public Safety are shown per active member for historical reasons; there are no active Public Safety members currently eligible. The dollar amount of the Public Safety contribution is \$27,766.

Supplemental Annuities

Eligibility:

Age 50 with 25 years of service, age 55 with 20 years of service, or age 60 with 20 years of service. General members who qualify for a disability retirement are also eligible. Public Safety members with retirements effective after December 31, 1994 are not eligible.

Amount:

Years of	Per
Service	Month
10-14	\$250.00
15-19	300.00
20-24	350.00
25 & Over	400.00

Post-Retirement Adjustments

Eligibility:

Retirements effective on or after July 1, 1990.

Benefit:

The amounts in the above table are increased 2.5% compounded each year following retirement.

Post-Retirement Survivor Benefits:

50% of the benefit is payable to the spouse of a deceased member.

Asset Summary for Supplemental Annuities

The reported market value of assets was used for the valuation of Supplemental Annuities.

	J	une 30,
Reserves	2015	2014
Total	\$1,403,779	\$1,278,943

Supplemental Annuities Summary

		Annual		Discounted Value of
	<u>No.</u>	Annuities	Average	Annual Annuities
General	51	\$231,823	\$4,546	\$2,395,319
Public Safety	9	34,504	3,834	327,547
Total	60	\$266,327	\$4,439	\$2,722,866

Historical Comparison

Valuation	Valuation General Public Safety Computed Contribution										
Date		Annual Supp.		Annual Supp.	_	tive Member					
June 30	No.	Annuities	No.	Annuities	General	Public Safety					
1993	30	\$126,929	11	\$38,501	\$2,833	\$2,833					
1994	29	123,765	12	40,901	2,997	2,612					
1994#	29	123,765	12	40,901	2,997	399					
1995	29	122,738	12	43,301	2,830	731					
1996	27	117,995	13	48,341	2,652	803					
1997	27	118,755	13	48,463	2,443	778					
1998	29	126,684	13	47,145	2,190	726					
1999	31	134,630	13	45,303	2,527	800					
2000	32	139,275	12	44,008	2,537	843					
2001	33	143,957	12	44,280	2,810	801					
2002	34	150,600	12	44,558	3,008	810					
2003	36	158,745	12	44,843	3,282	892					
2004	35	157,881	12	45,136	3,620	875					
2005	35	156,979	12	43,035	3,488	850					
2006	35	158,696	12	40,943	3,460	791					
2007	35	161,173	12	41,257	3,563	737					
2008	37	167,435	12	45,189	3,508	998					
2009	38	169,675	12	43,527	3,865	946					
2010	43	189,117	11	38,228	4,329	887					
2011	46	202,614	10	35,965	4,836	807					
2012	47	209,510	10	36,352	5,575	883					
2013	47	213,202	10	36,590	5,787	945					
2014	50	222,371	10	36,751	5,777	851					
2015	51	231,823	9	34,504	6,392	957					

[#]Supplemental annuities discontinued for Public Safety retiring 1/1/95 and later.

A post-retirement increase provision is applicable for retirements effective on or after July 1, 1990.