Deposit Overview

City of Hallandale Beach Retirement Plan **Plan Year Beginning 10/01/2011**
4-45661

This overview is a summary of deposit information shown in your actuarial valuation report. It will help you determine your current year contribution to your retirement plan. You may deposit any amount in excess of your annual required contribution. Refer to your actuarial valuation report, Section III–Deposit Information, for this calculation.

Annual Required Contribution

Your annual required contribution for the fiscal year beginning 10/01/2012 is $3,512,685. This is the amount needed to keep your plan currently funded.

Your annual required contribution for the fiscal year beginning 10/01/2011 is $3,391,459. This is the amount needed to keep your plan currently funded.

Deposits Received for 2011 Plan Year

Amount	Date Received
$847,865	01/06/2012
90,624	Total Employee Contributions
	Deposits received through 02/02/2012
$938,489	

Additional Information

For additional information, please see the 2011 actuarial valuation report.

Principal® Financial Group

City of Hallandale Beach Retirement Plan
4-45661

Actuarial Valuation Report

For the plan year October 1, 2011 through
September 30, 2012

This actuarial valuation report is for your defined benefit retirement plan. It gives you the amounts needed to fund the benefits described in your plan document. This report is based on employee data and other information you provide us.

Funding Method

Defined benefit plans, as the name suggests, define the benefits given to employees. Your goal is to have enough funds to pay for these benefits. To do this, we use a funding method. It sets the yearly deposit needed to pay for your plan's benefits.

Assumptions

We use assumptions to estimate how much funding you'll need for benefits. For instance:

- How much interest will your funds earn?
- How many employees will leave the plan?
- What will be employees' future salaries?
- How many employees will become disabled?

Deposit levels change when actual events differ from what was assumed. To see the assumptions used for your plan, refer to Section VII of this report.

Using This Report

The law defines the minimum deposit you must make. Your deposit may have to be more than this to fund upcoming benefits. We'll advise you if you need to fund at a higher level. For a summary of these results, refer to Section II. More detailed information is found in the remaining sections of this report.

Actuarial Certification

This actuarial valuation and/or cost determination was prepared and completed by me or under my direct supervision, and I acknowledge responsibility for the results. To the best of my knowledge, these results are complete and accurate. In my opinion, the techniques and assumptions used are reasonable and meet the requirements and intent of Part VII, Chapter 112, and Florida Statutes. There is no benefit or expense to be provided by the plan and/or paid from the plan's assets for which liabilities or current costs have not been established or otherwise taken into account in the valuation. All known events or trends, which may require a material increase in plan costs or required contribution rates have been taken into account in the valuation.

I am a member of the American Academy of Actuaries and meet the Qualification Standards of the American Academy of Actuaries to render the actuarial opinion contained herein.

3/6/2012

Date

David A. Stocklas, EA, MAAA
Consulting Actuary
Retirement Actuarial Services
Principal Financial Group
Des Moines, IA 50306-9394
(412) 394-9380

This summary is for City of Hallandale Beach Retirement Plan. It includes:

- Annual required contribution for the plan year ending 09/30/2012
- Deposit options
- Changes recognized in this report
- Analysis of results

Deposit Information

A summary of the results of the actuarial valuation is as follows:

Total normal cost	$3,491,371
Employee normal cost (expected employee contributions)	223,757
Employer normal cost	3,267,614
Total normal cost as a percentage of projected member compensation*	46.81%
Annual required contribution	3,512,685

* Projected current year compensation is $7,458,552. This is the reported compensation annualized as appropriate, projected one year and excludes compensation for those assumed to retire in the current plan year.

Funding Policy

The funding policy the City adopted is to use the October 1, 2011 Valuation for the City's fiscal year period from October 1, 2012 through September 30, 2013. The October 1, 2011 funding requirements were adjusted to accrue for interest and salary increases at assumed salary scale and interest factors.

Deposit Options

The table below explains the effects of depositing at different levels. The impact on next year's costs is based on all actuarial assumptions being met. Costs will vary based on actual plan experience and timing of deposits.

If you deposit	**You will**
Less than $3,512,685	➢ Increase your next year's annual required contribution.
Exactly $3,512,685	➢ Meet your annual required contribution.
More than $3,512,685	➢ Exceed your annual required contribution. ➢ Decrease next year's annual required contribution.
Exactly $ 9,982,042	➢ Fund the difference between the market value of assets and the present value of all vested benefits at the beginning of the plan year
Exactly $ 10,522,222	➢ Fund the difference between the market value of assets and the present value of all accumulated benefits at the beginning of the plan year.

Deposits Received

We received $4,262,643 of deposits during the last plan year.

We have received the following current plan year deposits as of 02/02/2012:

Amount	Date Received
$847,865	01/06/2012
90,624	Total Employee Contributions
$938,489	Total

Please take this into consideration when determining your additional current year contributions.

Plan Changes

Effective 1/5/2011, no bargained employee hired after this date will be eligible to participate in this Plan.

Assumption Changes

No changes occurred in the actuarial valuation assumptions from the prior year. The assumptions used are shown in Section VII.

Software Change

We have updated our valuation liability software this year. The effect on total present values and funding numbers was insignificant.

Total normal cost is now expressed as a percentage of projected compensation in the coming year (the year to which the normal cost is related) rather than as a percentage of reported prior year earnings.

Analysis

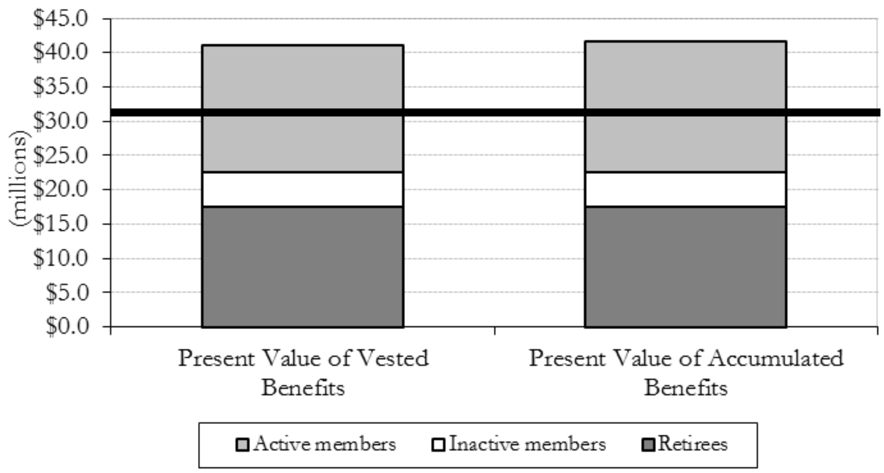
Total normal cost as a percentage of compensation increased from 42.17% to 46.81%. This increase resulted from census changes as well as lower than expected asset performance.

Funded Status

This report shows you an annual required contribution. Another important measure is how well the Vested Benefits and Accumulated Benefits are funded.

The chart below compares the market value of assets in your plan as of 10/01/2011 (represented by the solid line in the chart below) to the Present Value of :

- Vested Benefits: benefits that cannot be taken away, even if the participant terminates employment
- Accumulated Benefits: benefits already earned based on service and pay to the valuation date.



Please note that this display does not represent the cost to terminate your plan. Upon request, we can prepare a separate study to value that cost using different assumptions.

Considerations

As you make decisions about your contributions to the plan, take into account your plan's funded status. Since your plan does not have enough assets to cover the benefits already earned, you might want to consider:

- Ways to increase cash flow into the plan
  - Increase your organization's contributions
  - Look at your cost sharing policy - how much should participants contribute to their retirement?
- Reducing benefits earned in the future
- Making the annual required contribution, and continuing to monitor funded status in future years
- A review of your asset allocation strategy and how it can impact both funded status and contribution volatility. An analysis of investment allocations may help you decide whether your plan's assets are allocated in a way that matches your risk comfort level.
  - Riskier investments may reduce cash flow into the plan temporarily, but may cause contribution levels and funded status to fluctuate.
  - More conservative investments may require increased contributions, but provide a more solid base for planning and budgeting
- Forecasts of alternate contribution policies and resulting funded status can help with decision making.
- A cost/benefit study of various plan designs can help you evaluate your options.

As changes to your organization occur, be sure to keep us informed so that we can advise you on the impact these situations have on your retirement program. Early communication can help us help you plan for changes.

Wherever your evaluation leads, we have the experience and expertise to assist you every step of the way. In addition, The Principal can also help you with your total retirement program including defined contribution plans, nonqualified plans, and more.

For Additional Information

If you have any questions about any of the services we can provide, contact a member of your team at The Principal. For questions about the material in this report, contact your Pension Actuarial Analyst, Diane Keller, by:

- Phone – 1-800-543-4015 extension 49384, or 412-394-9384
- Email – keller.diane@principal.com

You may also contact your local Principal Financial Group Retirement Services sales office.

Normal Cost

	For Fiscal Year Beginning 10/01/2012[1]	For Fiscal Year Beginning 10/01/2011[1]
Total normal cost	$3,491,371	$3,379,069
Employee normal cost (expected employee contributions)	223,757	224,223
Employer normal cost	3,267,614	3,154,846
Annual member compensation[2]	7,458,552	7,480,752
Total normal cost as a percentage of member compensation	46.81%	42.17%

* Total normal cost is now expressed as a percentage of projected compensation in the coming year (the year to which the normal cost is related) rather than as a percentage of reported prior year earnings. Last year's total normal cost as a percentage of compensation on this basis would be 39.75%.

Deposit Levels

			For Fiscal Year Beginning 10/01/2012[1]	For Fiscal Year Beginning 10/01/2011[1]
Annual Required Contribution	a)	Employer normal cost	$3,267,614	$3,154,846
	b)	Valuation interest to the end of the plan year on a	245,071	236,613
	c)	Annual required contribution (a+b)	$3,512,685	$3,391,459

This minimum deposit is in addition to employee contributions.

[1]Costs based on prior plan year valuation adjusted for assumed salary scale increase and interest to reflect that it applies for the upcoming fiscal year contributions.

[2]Projected compensation.

*

	Actuarial Value	Market Value
Principal Life Insurance Company Accounts		
Flexible Pension Investment (FPI) grouped accounts	$32,766,978	$31,026,638

The actuarial value of assets for the Flexible Pension Investment (FPI) grouped accounts is determined on a combined basis. See the following page for the development of this value.

This valuation includes the retired lives under the benefit index option of your contract. The market value of assets for this retired life liability is $9,115,376.

Deposits Received for the 10/01/2010 Plan Year

The following employer deposits were made for the prior plan year and are reflected in the total assets above.

Amount	Date Received
$822,738.25	12/31/2010
822,738.25	04/05/2011
822,738.25	07/05/2011
822,738.25	09/19/2011
$3,290,953.00	**Total**

Development of Actuarial Value of Principal FPI Grouped Accounts

To determine the actuarial value of the Principal FPI grouped accounts we have adjusted the market value by:

- Subtracting any remaining deferred appreciation in excess of expected investment earnings.
- Adding any remaining deferred appreciation short of expected investment earnings (shortfall).

Of the total excess appreciation or shortfall for any one plan year, 25% is allocated to the current plan year and each of the next three plan years.

a)	Market value of assets as of 10/01/2010	$28,879,844
b)	Contributions/transfers	4,262,643
c)	Benefit payments	(2,268,444)
d)	Expenses	(56,188)
e)	Expected interest using valuation interest rate assumption from date made to 10/01/2011 on (a, b, c, and d)	2,224,058
f)	Expected value of assets as of 10/01/2011 (a+b+c+d+e)	$33,041,913
g)	Market value of assets as of 10/01/2011	$31,026,638
h)	Current year excess appreciation/(shortfall) (g-f)	(2,015,275)
i)	Adjustment to market value (sum of deferred amounts)	(1,740,340)
j)	Actuarial value of assets (g-i)	$32,766,978

Allocation of Deferred Appreciation

Allocation Year	Plan Year 2008	2009	2010	2011
2008	$(1,824,126)			
2009	(1,824,126)	$(655,811)		
2010	(1,824,126)	(655,811)	$213,464	
2011	(1,824,126)	(655,811)	213,464	(503,819)
2012		(655,810)	213,463	(503,819)
2013			213,463	(503,819)
2014				(503,818)
Total	$(7,296,504)	$(2,623,243)	$853,854	$(2,015,275)
Deferred	$0	$(655,810)	$426,926	$(1,511,456)

Adjustment to market value (sum of deferred amounts) $(1,740,340)

Development of Normal Cost

a)	Present value of projected benefits	
	Active members	$33,038,579
	Inactive members	5,008,049
	Retired members	17,536,696
	Total	$55,583,324
b)	Actuarial value of assets	32,766,978
c)	Present value of future normal costs (a-b but not less than zero)	22,816,346
d)	Present value of future compensation	53,366,491
e)	Projected annual compensation in coming year	7,108,799
f)	Normal cost (c÷d×e)	3,039,301
g)	Estimated expenses	56,188
h)	Total normal cost (f+g)	$3,095,489

Development of Normal Cost for fiscal year ending 09/30/2013

i)	Total normal cost for 10/01/2011 plan year (line h above)	$3,095,489
j)	Adjustment for salary increase (4.92% of i)	152,298
k)	Adjustment for interest (7.50% of i+j)	243,584
l)	Total Normal Cost for 9/30/2013 FYE (i+j+k)	3,491,371
m)	Employee Normal Cost (e*(1+salary increase in line j)*3%)	223,757
n)	Employer Normal Cost (l-m)	$3,267,614

Census Data

The census data is based on data supplied by the plan sponsor.

	Active Participants		Inactive Participants	
Age Group	Number	Projected Monthly Pension [1]	Number	Monthly Pension
Under 25	1	13,931	0	0
20 - 25	6	69,486	1	20
30 - 34	10	94,712	2	1,023
35 - 39	23	190,595	5	1,408
40 - 44	28	171,332	5	1,675
45 - 49	21	104,524	8	5,401
50 - 54	25	107,029	15	11,390
55 - 59	31	106,897	17	12,532
60 - 64	8	24,156	9	16,976
65 & over	5	15,683	8	5,515
Totals	158	898,345	70	55,940

[1] Projected monthly pension was calculated on the assumption that employees would experience annual compensation increases. This also includes the projected medical stipend a participant would have at retirement.

Included in the inactive participants are 6 individuals participating in the DROP provision (4 who have already started receiving an annuity), and 10 participants who have employee contributions only.

Retired Participants

Age Group	Number	Monthly Benefit[2]
Under 40	0	0
40 - 44	0	0
45 - 49	0	0
50 - 54	1	263
55 - 59	4	8,489
60 - 64	14	20,803
65 - 69	31	54,108
70 -74	26	33,985
75 - 79	16	21,768
80 - 84	14	11,795
85 & Over	20	9,990
Totals	126	161,201

[2] This also includes the medical stipend a participant has received.

The table below outlines the value of the Benefit Index as compared to the total market value of the retirement funds. For retirements prior to August 2002, you utilized the Benefit Index approach; for retirements after, you have elected to use the Direct Fund approach so as to minimize a potential emerging liability situation. No further retirements have occurred under the Benefit Index option since September of 2002, and the ratio of Benefit Index to market value of assets has now declined.

Plan Year Beginning	October 1, 2011	October 1, 2010	October 1, 2009	October 1, 2008
Market Value of Assets	$31,026,638	$29,592,676	$25,537,551	$25,824,801
Benefit Index	$12,375,869	$13,010,710	$13,359,898	$12,817,090
Ratio of Benefit Index to Assets	40%	44%	52%	50%

Emerging Retirement Liability

This page is provided to help you evaluate your asset liquidity needs. For this purpose, the charges shown can be compared to the market value of assets. As of the current anniversary date, this amount is $31,026,638.

Plan Year Beginning	Expected Charge to Assets	Cumulative Charges
10/01/2011	2,670,788	2,670,788
10/01/2012	2,758,980	5,429,768
10/01/2013	2,738,920	8,168,688
10/01/2014	3,182,493	11,351,181
10/01/2015	3,451,011	14,802,192
10/01/2016	3,769,190	18,571,382
10/01/2017	3,860,517	22,431,899
10/01/2018	4,157,931	26,589,830
10/01/2019	4,264,505	30,854,335
10/01/2020	4,500,423	35,354,758

This display includes 126 retirees or beneficiaries who are already receiving benefits.

Actuarial Valuation Assumptions

	10/01/2011	10/01/2010
Valuation Interest (net of investment expenses)		
Preretirement	7.50%	7.50%
Postretirement	7.50%	7.50%
Interest Rate For Employee Accumulations	3.00%	3.00%
Mortality		
Preretirement	RP-2000 Combined Mortality Table, male and female, projected to 2005 with scale AA.	RP-2000 Combined Mortality Table, male and female, projected to 2005 with scale AA.
Postretirement	RP-2000 Combined Mortality Table, male and female, projected to 2005 with scale AA.	RP-2000 Combined Mortality Table, male and female, projected to 2005 with scale AA.
Expenses	A dollar estimate of administrative expenses is included in normal cost.	A dollar estimate of administrative expenses is included in normal cost.
Salary Scale	Table S-5 from the Actuary's Pension Handbook plus 3.30%. Selected rates of increase are shown below:	Table S-5 from the Actuary's Pension Handbook plus 3.30%. Selected rates of increase are shown below:

10/01/2011:

Age	Increase	Age	Increase
20	8.40%	40	6.02%
25	7.48%	45	5.69%
30	6.87%	50	5.42%
35	6.41%	55	5.18%

10/01/2010:

Age	Increase	Age	Increase
20	8.40%	40	6.02%
25	7.48%	45	5.69%
30	6.87%	50	5.42%
35	6.41%	55	5.18%

	10/01/2011	10/01/2010
Retirement Age	Normal retirement age as defined in Summary of Plan Provisions.	Normal retirement age as defined in Summary of Plan Provisions.
Disability	1987 Commissioner’s Group Disability Table, six month elimination period, male and female.	1987 Commissioner’s Group Disability Table, six month elimination period, male and female.
Marriage	75% married; male is 3 years older than the female.	75% married; male is 3 years older than the female.

Withdrawal	2003 Society of Actuaries Small Plan Age Table, multiplied by 0.75 Selected rates of withdrawal are shown below:	2003 Society of Actuaries Small Plan Age Table, multiplied by 0.75 Selected rates of withdrawal are shown below:

Age	Rate of withdrawal	Age	Rate of withdrawal	Age	Rate of withdrawal	Age	Rate of withdrawal
20	18.23%	40	7.05%	20	18.23%	40	7.05%
25	14.63%	45	5.48%	25	14.63%	45	5.48%
30	11.63%	50	4.20%	30	11.63%	50	4.20%
35	9.08%	55	3.15%	35	9.08%	55	3.15%

Accumulated Leave	None	None
Medical Stipend	Assume all eligible continue to receive medical stipend.	Assume all eligible continue to receive medical stipend.
Inflation	3.00%	3.00%

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

Actuarial Methods

	10/01/2011	10/01/2010
Actuarial cost method	Aggregate	Aggregate
Actuarial value of assets		
Principal Life Insurance Company accounts		
FPI grouped accounts	Market value is adjusted by spreading the expected value minus the actual value over four years. Total actuarial value of asset used in calculating deposit levels falls within a corridor of 80% to 120% of market value.	Market value is adjusted by spreading the expected value minus the actual value over four years. Total actuarial value of asset used in calculating deposit levels falls within a corridor of 80% to 120% of market value.
Deposits after the plan year end	Deposits received in the current plan year, but applied to the prior plan year, are included in assets at their face value.	Deposits received in the current plan year, but applied to the prior plan year, are included in assets at their face value.
Retirees	Assets and liabilities for retirees who receive monthly (guaranteed and non-guaranteed) benefits from plan assets are included in your valuation.	Assets and liabilities for retirees who receive monthly (guaranteed and non-guaranteed) benefits from plan assets are included in your valuation.
Deferred Retirement Option Plan (DROP) liability and assets	Participants who are participating in the Deferred Retirement Option Plan but who have not terminated employment are included in the valuation as retired participants. The future stream of benefit payments are valued as a liability to the plan. The DROP account balances are tracked and will be added to the actuarial value of liabilities for valuation purposes as well. The actuarial value and market value of assets will reflect the total assets of the plan including the DROP account balances.	Participants who are participating in the Deferred Retirement Option Plan but who have not terminated employment are included in the valuation as retired participants. The future stream of benefit payments are valued as a liability to the plan. The DROP account balances are tracked and will be added to the actuarial value of liabilities for valuation purposes as well. The actuarial value and market value of assets will reflect the total assets of the plan including the DROP account balances.

Description of Actuarial Cost Method
Aggregate

Ultimate Cost

The ultimate cost of your pension plan is:

- Benefit payments
- Plus expenses
- Less investment income

This cost can't be determined until the last benefit has been paid. Regardless of which actuarial cost method is used, the ultimate cost remains the same.

Cost Methods

A cost method is a budgeting tool. It helps to ensure that your pension plan is adequately and systematically funded. Cost methods differ based on how they assign an annual cost to the current year and how they treat gains and losses.

Normal Cost

The portion of cost assigned to each year is called the normal cost. The normal cost may be shared by the employer and the employees based on plan provisions.

Aggregate

The aggregate cost method is used for this valuation. This method estimates the total cost of all projected plan benefits based on the assumptions shown in this report and the participant data you have supplied.

Normal cost is determined by reducing the total cost of projected benefits by plan assets. This amount (the present value of future normal costs) is then spread as a level percentage of compensation if benefits are salary related or as a level dollar amount if not salary related.

Actuarial Gains/Losses

An actuarial gain or loss occurs when actual plan experience differs from what was assumed. The actuarial gain or loss is not calculated separately, but is reflected in the calculation of normal cost. A gain decreases normal cost and a loss increases normal cost. Normal cost will vary based on how plan experience compares to what was assumed.

The following is a summary of plan provisions and does not alter the intent or meanings of the provisions contained in the contract or plan document.

Plan Eligibility

Age:	Not attained age 60.
Service:	One year of service.
Class:	Any employee of the employer considered to be a general employee by the employer, not a policeman, fireman, or manager, that works more than 37.5 hours per week and is considered to be on a full-time basis. Lawrence Faragher, Jorge Fernandini, and Mary Washington will be included in this group regardless of their management status. Must agree to make required contributions. Effective 10/01/2007 non-bargaining employees will not become or again become active participants. Bargaining employees hired after 01/05/2011 will not become or again become active participants.

Normal Retirement Benefit

Age:	Attained age 60.
Form:	Monthly annuity with benefits received guaranteed to be at least equal to the employees' accumulation on normal retirement date (optional forms may be elected prior to retirement).
Amount (accrued benefit):	73% of average compensation multiplied by the short service percentage and the accrued benefit adjustment (minimum benefit of $20) for bargaining employees. 75% of average compensation multiplied by the short service percentage and the accrued benefit adjustment (minimum benefit of $20) for non-bargaining employees. This amount will be reduced for each full or partial year that his/her spouse is eligible for the qualified preretirement survivor annuity before the earlier of the date he/she becomes inactive or reaches normal retirement date. For each year of coverage the reduction is .25%. The accrued benefit will be reduced if an active participant has not made all of his/her required contributions.

Early Retirement Benefit

Age:	Attained age 55
Service:	Twenty years of service.
Form:	Same as normal retirement benefit.
Amount:	Accrued benefit on early retirement date reduced by 6 2/3% for each year up to five that the early retirement date precedes normal retirement date.

Late Retirement Benefit

Age:	No maximum age.
Form:	Same as normal retirement benefit.
Amount:	The greater of (a) or (b):

(a) Accrued benefit as of normal retirement date increased to reflect that payment begins at a later date.

(b) Accrued benefit on late retirement date.

Termination Benefit

Vesting percentage:	20% after three years of vesting service plus 20% per year thereafter, up to 100%.
Form:	Same as normal retirement benefit with income deferred until normal retirement.
Amount:	Equal to the sum of:

(a) The amount of retirement annuity which could be purchased on his normal retirement date by the participant's accumulation.

(b) Vesting percentage times the excess of the pension benefit as of the date of termination over (a) above.

At any time on or after termination, the participant may elect to receive his/her participant's accumulation in cash in lieu of any and all retirement benefits.

Medical Premium Benefit:

Eligibility	Active participant
Amount:	An annual benefit of $120 times years of service (maximum 20 years). Any non-bargaining employee hired after 01/01/1996 will not be eligible for this benefit.

Deferred Retirement Option Plan:

Eligibility	An active participant first becomes eligible to elect the DROP upon becoming eligible for early or normal retirement. A post-dated written letter of resignation fully binding upon the member is also required.
Election:	An election to participate in the DROP shall be forfeited if not exercised within 90 days immediately prior to member's eligibility to enter the DROP. Those members eligible to participate in the DROP prior to its effective date (October 1, 2000) shall have a period of 90 days from the effective date to elect participation in the DROP. The period of participation in the DROP cannot exceed a period of five years and/or age 67.
Form:	While the employee is in the DROP the pension benefit payments will be made to the DROP account as if the member had terminated employment and elected to receive monthly benefits payable in an amount as determined by the retirement option selected by the member. Payments to the DROP will earn or lose interest at the same rate and frequency as the pension fund, minus .5% for administrative cost. Payment options are lump sum, installments or an annuity.
Amount:	After the commencement of participation in the DROP, no additional service under the retirement plan will be credited and all calculations for average compensation will be based on the years preceding the commencement of participation in the DROP. Otherwise the DROP benefit will be based on the normal retirement benefit formula. Upon termination of employment, the member will receive the balance of the DROP account either immediately or he/she may defer payment until the latest day permitted under the minimal distribution requirements of section 401(a)(9) of the Internal Revenue Code.

Contributions

Participant:	3% of monthly compensation.

Early Retirement Window	Participants who were age 55 with 20 years of service on November 1, 2003 were given the option to retire early with their expected benefit at normal retirement date unreduced for early retirement with no accrued benefit adjustment applied. The last date to exercise this option was 12/22/2003.
Death Benefits:	If not waived, the greater of A. or B.:
A. Lump sum death benefit	
Form:	Lump sum.
Amount:	Participant's accumulation.
B. Death benefit	
Age:	Attained age 55.
Service:	Twenty years of service.
Form:	Monthly annuity payable to spouse.
Amount:	The amount that would have been received had the participant elected a joint and 50% survivorship benefit option and early retired the day before death.
Definitions	
Average compensation:	The monthly average of compensation received for the last three years of employment (all years if less than three).
Short service percentage:	The percentage obtained by dividing the number of complete months of service between a participant's date of employment and normal retirement date by 180 (maximum 100%).
Accrued benefit adjustment:	The quotient of the number of complete months of service as of a given date divided by the number of complete months of service as of normal retirement date.
Required contribution account:	Total of participant's required contributions with interest, less any previously paid out contributions. Interest shall be credited in each year at a rate of 3% per annum compounded annually.

Present Value of Accumulated Plan Benefits

Present value of vested and nonvested accrued benefits are based on the **valuation assumptions** shown in Section VII of this report (salary scale, if any, is not included in the calculation of accrued benefits). If the valuation includes retirees under the floor or benefit index option of the plan's funding arrangement, then those liabilities are also included below. This information may be used for Statement of Financial Accounting Standards No. 35 (SFAS35). These amounts should not be used for other purposes such as estimating plan termination sufficiency.

	10/01/2011	10/01/2010
Present Value of Vested Benefits		
Retired members	$17,536,696	$17,256,088
Inactive members	5,008,049	3,849,707
Active members	18,463,935	18,204,978
Total	$41,008,680	$39,310,773
Present Value of Nonvested Benefits		
Inactive members	$0	$0
Active members	540,180	632,581
Total	$540,180	$632,581
Total Present Value of Accumulated Plan Benefits	$41,548,860	$39,943,354

Change in Present Value of Accumulated Plan Benefits

Present Value of Accumulated Plan Benefits as of 10/01/2010	$39,943,354
Increase (decrease) during the year due to:	
Increase for interest due to decrease in the discount period	2,995,752
Benefits paid	(2,268,444)
Benefits accumulated and plan experience	878,198
Change in assumptions	0
Plan amendment	0
Present Value of Accumulated Plan Benefits as of 10/01/2011	$41,548,860

Carryforward of Net Pension Obligation:

a)	Annual required contribution for 2010 plan year	$3,290,953
b)	Interest on net pension obligation	(6,917)
c)	Adjustment to annual required contribution	(10,863)
d)	Annual pension cost for 2010 plan year (a+b-c)	3,294,899
e)	Actual contributions made	3,290,953
f)	Increase/(decrease) in net pension obligation	3,946
g)	2010 beginning of year net pension obligation	(92,220)
h)	2010 end of year net pension obligation	$(88,274)

Annual Pension Cost for 2011 Plan Year:

a)	Normal cost with interest	$3,391,459
b)	Amortization with interest	0
c)	Annual required contribution (a+b) but not less than zero	3,391,459
d)	Interest on net pension obligation	(6,621)
e)	Adjustment to annual required contribution	(10,000)
f)	Annual pension cost (c+d-e)	$3,394,838

Calculation of Net Pension Obligation

(a) Year	(b) Val'n Rate	(c) Amort. Period	(d) ARC	(e) Interest On NPO (l py x b)	(f) ARC Adjust. (l py / g)	(g) Amort. Factor (c yrs @ b%)	(h) APC (d+e-f)	(i) Actual Deposit	(j) Loss/ (Gain) (d-i)	(k) Change In NPO (h-i)	(l) NPO Balance (l py+k)
1986	8.00%	17	261,990	-	-	-	261,990	261,990	0	0	0
1987	8.00%	20	228,686	0	0	9.8181	228,686	228,686	0	0	0
1988	8.00%	15	269,200	0	0	8.5595	269,200	269,200	0	0	0
1989	8.00%	15	221,301	0	0	8.5595	221,301	221,301	0	0	0
1990	8.00%	14	221,300	0	0	8.2442	221,300	221,300	0	0	0
1991	8.00%	15	413,173	0	0	8.5595	413,173	413,173	0	0	0
1992	8.00%	14	452,652	0	0	8.2442	452,652	452,652	0	0	0
1993	8.00%	14	558,301	0	0	8.2442	558,301	558,301	0	0	0
1994	8.00%	15	568,800	0	0	8.5595	568,800	568,800	0	0	0
1995	8.00%	15	747,358	0	0	8.5595	747,358	747,358	0	0	0
1996	8.00%	14	411,853	0	0	8.2442	411,853	411,853	0	0	0
Transition											
1997	8.00%	14	378,480	0	0	8.2442	378,480	378,481	(1)	(1)	(1)
1998	8.00%	14	130,612	0	0	8.2442	130,612	130,614	(2)	(2)	(3)
1999	8.25%	14	0	0	0	8.1259	0	32,653	(32,653)	(32,653)	(32,656)
2000	8.25%	13	0	(1,343)	(2,089)	7.7962	746	0	0	746	(31,910)
2000	8.25%	13	0	(2,633)	(4,093)	7.7962	1,460	0	0	1,460	(30,450)
2001	8.25%	14	161,943	(2,512)	(3,747)	8.1259	163,178	261,943	(100,000)	(98,765)	(129,215)
2002	7.75%	14	503,506	(10,014)	(15,447)	8.3653	508,939	504,000	(494)	4,939	(124,276)

2003	7.75%	14	584,492	(9,631)	(14,856)	8.3653	589,717	584,492	0	5,225	(119,051)
2004	7.75%	14	1,706,418	(9,226)	(14,232)	8.3653	1,711,424	1,706,418	0	5,006	(114,045)
2005	7.75%	14	1,959,212	(8,838)	(13,633)	8.3653	1,964,007	1,959,212	0	4,795	(109,250)
2006	7.75%	13	2,031,632	(8,467)	(13,633)	8.0136	2,036,798	2,031,632	0	5,166	(104,084)
2007	7.75%	14	2,054,006	(8,067)	(12,442)	8.3653	2,058,381	2,054,006	0	4,375	(99,709)
2008	7.50%	15	2,008,862	(7,478)	(11,296)	8.8271	2,012,680	2,008,862	0	3,818	(95,891)
2009	7.50%	15	2,851,326	(7,192)	(10,863)	8.8271	2,854,997	2,851,326	0	3,671	(92,220)
2010	7.50%	14	3,290,953	(6,917)	(10,863)	8.4892	3,294,899	3,290,953	0	3,946	(88,274)
2011	7.50%	15	3,391,459	(6,621)	(10,000)	8.8271	3,394,838				

The first year 2000 row has been adjusted to reflect the short plan year from April 1, 2000 through September 30, 2000, the second row reflects a full plan year from October 1, 2000 through September 30, 2001.

This section provides information as required by Part VII of Chapter 112, and by Chapter 60T-1 of the Florida Statutes. To the best of our knowledge, we have reflected in our calculations and assumptions, any event or trend which would materially increase plan costs.

This section also provides the information used to determine the annual required contribution. Please see Section II-Summary of Actuarial Results of this valuation report for additional information.

Comparative Summary of Principal Valuation Results

	Actuarial Valuation Prepared as of	
	10/01/2011	10/01/2010
Participant data		
Active members	158	165
Total annual payroll	$7,108,799	$7,129,958
Retired members and beneficiaries	126	123
Total annualized benefit	$1,934,412	$1,850,160
Disabled members receiving benefit	N/A	N/A
Total annualized benefit	N/A	N/A
Terminated vested members	70[1]	71[1]
Total annualized benefit	$719,280	$519,740

Reconciliation of lives

	Active	Inactive	Retired
Total last valuation	165	71	123
New lives	+2	0	0
Voluntary discontinuances	0	0	0
Vested terminations	-7	+7	0
Non-vested terminations	0	-1	0
Retirements	-1	-5	+5
Deaths	0	0	-2
Termination benefits paid	-1	-2	0
Total this Valuation	158	70	126

Please refer to the demographic display of lives, which illustrates the number of participants by age group and includes years of vesting service, current year compensation, and projected normal retirement benefits. Please refer to Section VI-Emerging Retirement Liability of this valuation report for a projection of emerging liabilities/cash flow needs for the next 10 years.

[1] Included in the inactive participants are 6 individuals participating in the DROP provision (4 who have already started receiving an annuity), and 10 participants who have employee contributions only. Included in the prior year inactive participants are 8 individuals participating in the DROP provision (4 who have already started receiving an annuity), and 9 participants who have employee contributions only.

Assets

Since these funds are commingled with other funds in the general and separate accounts of the Principal Financial Group, it is not possible to identify specific investments as being made for a particular customer. Refer to the reconciliation of assets in this section.

	Actuarial Valuation Prepared as of	
	10/01/2011	10/01/2010
Market Value of Assets		
Participants Fund[1]	0	0
Long-term Equity Investments	14,490,125	15,480,985
Short-term Investments	0	0
Real Estate	1,938,649	1,049,420
Bonds/Fixed Income	14,597,864	12,349,439
Other: Contributions received after plan year end	0	712,832
Total	$31,026,638	$29,592,676
Actuarial Value of Assets[2]		
Participants Fund[1]		
Long-term Equity Investments		
Short-term Investments		
Real Estate		
Bonds/Fixed Income		
Other: Grouped Flexible Pension Investment Accounts, including participant fund	$32,766,978	$33,088,033
Total	$32,766,978	$32,088,033

[1] The participant's fund under the FPI contract is included in total assets. These assets amounts do not include deposits received after the plan year-end.

[2] The actuarial value of assets used in determining annual funding requirements are determined as stated in Section VII–Actuarial Assumptions and Methods of this valuation report.

Three-year comparison of investment return.

The actual percentage was calculated using the Form 5500 Schedule B investment return method.

Plan Year Beginning	Actual Return on Actuarial Basis	Market Value Return	Assumed Return
10/01/2010	0.53%	0.70%	7.50%
10/01/2009	0.54%	10.63%	7.50%
10/01/2008	-1.88%	-2.72%	7.50%

Liabilities

	Actuarial Valuation Prepared as of	
	10/01/2011	10/01/2010
Present value of all future expected benefit payments:		
Active Members		
Retirement benefits	$26,787,409	$27,225,119
Vesting benefits	4,888,312	4,825,043
Disability benefits	1,309,473	1,299,284
Death benefits	52,947	41,493
Return of contribution	438	14,576
Accumulated Leave	0	0
Total	$33,038,579	$33,405,515
Terminated vested members	$5,008,049	$3,849,707
Retired members and beneficiaries		
Retired (other than disabled) and beneficiaries[1]	$17,536,696	$17,256,088
Disabled members	N/A	N/A
Total	$17,536,696	$17,256,088
Total present value of all future benefit payments	$55,583,324	$54,511,310
Liabilities due and unpaid:		
Frozen Initial Liability (FIL)	N/A	N/A
Unfunded Frozen Initial Liability (UFIL)	N/A	N/A

[1]Includes the liability of the DROP account balances for those participants currently in the DROP.

Reconciliation of DROP Accounts

Total DROP Account Balance on October 1, 2010	$636,139
Additions	
Contributions	$134,586
Interest and Earnings	$8,796
Withdrawals	
Lump sum payments	343,067
Total DROP Account Balance on October 1, 2011	$436,454

Actuarial Present Value of Accrued Benefits

	Actuarial Valuation Prepared as of		
	10/01/2011 Using 7.75% FRS Rate	10/01/2011	10/01/2010
Statement of actuarial value of all accrued benefits			
Vested Accrued Benefits			
Inactive members and beneficiaries[1]	$22,126,365	$22,544,745	$21,105,795
Active members (includes non- forfeitable accumulated member contributions in the amount of $3,090,632)	$17,897,604	$18,463,935	$18,204,978
Total value of all vested accrued benefits	$40,023,969	$41,008,680	$39,310,773
Non-vested accrued benefits	$517,002	$540,180	$632,581
Total actuarial present value of all accrued benefits	$40,540,971	$41,548,860	$39,943,354

These values are based on the actuarial assumptions shown in Section VII–Actuarial Assumptions and Methods of this valuation report, except that the calculation of accrued benefits does not include a salary scale, (if any).

A Statement of changes in total actuarial present value of all accrued benefits is shown in Section IX – Accounting Disclosure Information for SFAS 35 of this valuation report.

[1]Includes the liability of the DROP account balances for those participants currently in the DROP

Pension Cost

	Actuarial Valuation Prepared as of	
	10/01/2011[2]	10/01/2010[3]
Normal Cost:		
Base Normal Cost	3,039,301	2,954,714
Administrative expenses	56,188	41,207
Total Normal Cost	3,095,489	2,995,921
Adjusted Normal Cost[1]	3,491,371	3,379,069
Payment to amortize unfunded liability(ies)	N/A	N/A
Expected plan sponsor contribution (including normal cost, amortization payment and interest, as applicable)	3,512,685	3,391,459
As % of payroll[4]	46.81%	42.17%
Amount to be contributed by members	223,757	224,423
As % of payroll[5]	3.00%	3.00%

[1] Total normal cost and expected plan sponsor contributions reflect adjustments for salary and interest.
[2] 10/01/2011 amounts will be used for the 10/01/2012 - 9/30/2013 funding.
[3] 10/01/2010 amounts will be used for the 10/01/2011 - 9/30/2012 funding.
[4] Normal cost as a percentage of payroll reflects adjustment for salary increases.
[5] Amount to be contributed by members reflects adjustment for salary increases.
Interest is based on 7.50% for the current and prior year.

	Plan Year Beginning	
Past Contributions	10/01/2010	10/01/2009
Required plan sponsor contribution	$3,290,953	$2,851,326
Required member contributions	234,001	219,884
Actual contributions made by		
Plan sponsor	$3,290,953	$2,851,326
Members	258,858	255,968
Other:	N/A	N/A
Net Actuarial gain(loss) (if applicable)	N/A	N/A

Other Disclosures

Actuarial Valuation Prepared as of

	10/01/2011	10/01/2010
Present values of active members:		
Future salaries		
at attained age	$53,366,491	$54,109,133
at entry age	$34,017,399	$35,814,817
Future contributions		
at attained age	1,544,289	1,565,780
at entry age	984,376	1,036,389
Present value of future contributions from other sources	N/A	N/A
Present value of future expected benefit payments for active members at entry age	$6,189,561	$5,709,019

The numerical development of total normal cost for the current plan year is shown in Section V–Development of Deposit Information of this valuation report.

Three year comparison of actual and assumed salary increases.

Plan Year Beginning	Actual Increases	Assumed Increases
October 1, 2010	3.14%	5.59%
October 1, 2009	1.22%	5.62%
October 1, 2008	2.43%	5.64%

Other Disclosures (Continued)

Changes in costs during the year due to a change in assumptions, cost method, benefits, or other, as specified. See page IX-1 of this report.

Cost of $1.00/month Benefit on Normal Form

Retirement	Valuation Assumptions		Current Purchase Rates[1]	
Age	Male	Female	Male	Female
55	135.41	139.46	222.38	255.35
60	125.29	130.47	193.70	227.98
62	120.68	126.36	182.03	216.74
65	113.27	119.73	167.74	199.51

[1] Non-guaranteed rates in effect 10/01/2011. These rates may change daily.

Cost of Annuities Purchased During the Past Year

Certificate Number	Valuation Assumptions	Actual Purchase Price[3]

[3] Annuities are purchased under this contract for retirees at the time when the "benefit index" equals or exceeds the funds held under the contract or when the contract is terminated.

445661 CITY OF HALLENDALE Valuation Date 10/01/2011

Attained Age	Under 1		1 to 4		5 to 9		10 to 14		15 to 19		20 to 24		25 to 29		30 to 34		35 to 39		40 and up	
	YEARS OF CREDITED SERVICE																			
	No.	Avg. Comp.	No.	Avg. Comp.	No.	Avg. Comp.	No.	Avg. Comp.	No.	Avg. Comp.	No.	Avg. Comp.	No.	Avg. Comp.	No.	Avg. Comp.	No.	Avg. Comp.	No.	Avg. Comp.
Under 25	0	-	2	34,974	1	30,387	0	-	0	-	0	-	0	-	0	-	0	-	0	-
25 to 29	0	-	3	37,623	2	41,846	0	-	0	-	0	-	0	-	0	-	0	-	0	-
30 to 34	0	-	2	40,050	6	42,829	2	41,255	0	-	0	-	0	-	0	-	0	-	0	-
35 to 39	0	-	5	43,928	10	46,603	7	51,978	1	70,270	1	72,772	0	-	0	-	0	-	0	-
40 to 44	0	-	5	27,072	15	46,802	5	45,987	2	64,967	1	44,724	0	-	0	-	0	-	0	-
45 to 49	0	-	4	39,657	7	47,505	3	48,572	3	44,235	3	58,632	1	64,839	0	-	0	-	0	-
50 to 54	0	-	2	43,944	4	42,186	6	49,884	5	56,867	6	56,126	2	62,137	2	59,841	0	-	0	-
55 to 59	0	-	3	43,641	3	45,614	3	45,504	4	56,098	12	61,165	2	53,458	2	62,460	1	66,332	0	-
60 to 64	0	-	1	39,628	0	-	1	52,735	1	56,175	1	53,492	1	47,472	0	-	1	68,865	0	-
65 to 69	0	-	0	-	1	75,181	0	-	1	67,034	0	-	0	-	1	60,620	0	-	0	-
70 & up	0	-	0	-	1	46,870	0	-	0	-	0	-	0	-	0	-	0	-	0	-

Asset Reconciliation

Actuarial value of assets balance on October 1, 2010[1]	$32,088,033[1]
Additions	
Contributions - Employer	$3,290,953
Contributions - Employee	258,858
Interest and Earnings[3]	$208,782
Withdrawals	
Expenses	$56,188
Lump sum payments	$367,249
Benefit index and direct fund payments	$1,901,195
Market Value Spread Adjustment	$(755,016)
Actuarial value of assets balance on October 1, 2011[2]	$32,766,978

[1]Included in this total is $2,846,428 of employee contributions.
[2]Included in this total is $3,090,632 of employee contributions.
[3]The split between interest, dividends, realized gains and losses, unrealized gains and losses, and investment expense is not available under this contract.