# EMPLOYEES' RETIREMENT SYSTEM OF BALTIMORE COUNTY

THE FIFTY-SIXTH ACTUARIAL VALUATION JUNE 30, 2001



November 9, 2001

Board of Trustees Employees' Retirement System of Baltimore County Towson, Maryland

Members of the Board:

Actuarial valuations of the Employees' Retirement System of Baltimore County are performed annually. The results of the latest actuarial valuation of the System, which was prepared as of June 30, 2001, are summarized in this letter.

The valuation reflects the benefits in effect on the valuation date, and was prepared on the basis of the data submitted by the County and the actuarial assumptions as adopted by the Board of Trustees, including a valuation interest rate assumption of  $7^{7}$ % per annum, compounded annually.

The actuarial assumptions and methods comply with the parameters set forth in Statement No. 25 of the Governmental Accounting Standards Board.

#### **Financing Objective and Contribution Appropriation**

The results of the June 30, 2001 valuation determine the contribution appropriation for the fiscal year ending June 30, 2003.

The financing objective of the System is to:

- (a) fully fund all current costs based on the normal contribution payable determined under the funding method; and
- (b) liquidate the unfunded accrued liability based on accrued liability contributions payable over an amortization period of 20 years.

#### Assets and Participant Data

The County reported the individual data for members of the System as of the valuation date to the actuary. While we did not verify the data at their source, we did perform tests for internal consistency and reasonability in relation to the data submitted for the previous valuation.

The amount of current assets in the trust fund taken into account in the valuation was based on statements prepared for us by the County.

#### Actuarial Assumptions and Methods

The rates of separation, salary increase, and mortality after retirement used in the valuation were adopted by the Board of Trustees upon the recommendation of the actuary. An interest rate of  $7^{1}$ % was used in the valuation, as adopted for valuation purposes effective June 30, 1993. Included in the valuation report is a schedule, which presents an outline of the actuarial assumptions and methods used to prepare the actuarial valuation results. The most recent study

Board of Trustees Employees' Retirement System of Baltimore County November 9, 2001 Page 2

of the plan's experience, used in developing the current actuarial assumptions, was based on a period from July 1991 to June 1996. The rates of retirement for police and firefighters who can meet the service requirement for the free Joint and 50% spousal benefit on or before age 60 were changed effective June 30, 2001. In our opinion, the actuarial assumptions used in the valuation are, in the aggregate, reasonable.

The actuarial cost method utilized is the entry age normal method. Effective June 30, 2001, all administrative and operating expenses of the ERS will be paid from System assets. As a result, the normal cost includes these expenses.

The valuation assets are determined as the market value less (1) 80% of the net appreciation during the preceding year, (2) 60% of the net appreciation during the second preceding year, (3) 40% of the net appreciation during the third preceding year, and (4) 20% of the net appreciation during the fourth preceding year. Valuation assets are not less than 86% of the market value and not more than 114% of the market value. This asset valuation methodology was adopted effective June 30, 2000.

#### **Funding Adequacy**

The results of the valuation indicate that the contribution appropriation is adequate to fund the actuarial liabilities on account of all benefits payable under the System, when taken together with member contributions and with the current assets of the System. Included in the valuation report are contribution and funding progress schedules prepared by the actuary.

#### Financial Results and Membership Data

Detailed summaries of the financial results of the valuation and membership data used in preparing the valuation are shown in the valuation report. The actuary prepared supporting schedules and required supplementary information included in the Actuarial, Financial and Statistical Sections of the Comprehensive Annual Financial Report.

To the best of our knowledge, this report is complete and accurate and has been prepared in accordance with generally accepted actuarial principles and practice.

Respectfully submitted,

Kim M. Nichall

Kim M. Nicholl, F.S.A. Consulting Actuary

S. Lyn Hill

S. Lynn Hill Senior Actuarial Manager

KMN/SLH:rh 0639/B9018RET01-2001Val.doc

# Introduction

Presented in this report are the results of the actuarial valuation as of June 30, 2001 for the Employees' Retirement System of Baltimore County.

The principal results are as follows:

- The recommended appropriation for the fiscal year ending June 30, 2003 is \$18,240,994.
- The funded status of the System determined as of June 30, 2001 based on the accrued liability and the actuarial value of assets as of that date, as required by Statement No. 25 of the Governmental Accounting Standards Board, is 107.9%.

The valuation was completed based upon membership and financial data submitted by the County.

# Changes Since Last Year

# Legislative and Administrative Changes

The firefighters sick leave program was revised effective December 31, 2001 to provide 12 days of sick leave per year, and one month of service credit granted for every 16 days of accumulated unused sick leave.

Effective for retirements on or after December 31, 2001, the police and firefighters will receive a free Joint & 50% spousal benefit, provided they have at least 25 years of actual Baltimore County Police service or at least 30 years of actual Baltimore County Fire service when retiring at Normal Retirement or Disability Retirement.

Effective with the June 30, 2001 valuation, and in accordance with the requirements of Section 23-94 of the Baltimore County Code, all administrative and operating expenses of the ERS will be paid from System assets – the Retirement Expense Fund (REF). Previously, certain expenses were paid from the County's General Fund.

EMPLOYEES' RETIREMENT SYSTEM OF BALTIMORE COUNTY

Effective July 1, 2001, \$26,559,158 was transferred from the PRIF account to the Pension Accumulation Fund to cover a 3.4% cost-of-living adjustment for retirees and beneficiaries whose effective date of retirement was on or before July 1, 2000.

# **Actuarial Assumptions and Methods**

Retirement rates for police and firefighters meeting the service requirement for the free Joint & 50% spousal benefit on or before age 60 were changed. Also, the additional administrative expenses to be paid from the REF are recognized in the normal cost calculation, effective June 30 2001. All other actuarial assumptions and methods, outlined in Table 12, are unchanged from last year.

#### **Contribution** Appropriation

Section 23-95 of the Code provides that each year the Board of Trustees must certify to the County the amounts, which will become due and payable to each of the funds of the System. The results of the valuation as of June 30, 2001 determine the contribution appropriation for the fiscal year ending June 30, 2003. The recommended contribution appropriation for fiscal 2003 is \$18,240,994.

#### **Reasons for Change in the Contribution Appropriation**

The contribution appropriation increased from \$11,174,863 for the fiscal year ending June 30, 2002 to \$18,240,994 for the fiscal year ending June 30, 2003. The increase of \$7,066,131 is due to the following reasons:

	Increase due to asset experience	\$ 3,352,367
T.	Increase in normal contribution due to change in appropriation payroll	1,886,636
-	Increase due to amendment	1,424,892
-	Increase due to administrative expenses paid from the System	959,213
-	Increase due to other factors including scheduled increase in unfunded accrued liability contributions, and experience losses	 (556,977)
-	Total	\$ 7,066,131

EMPLOYEES' RETIREMENT SYSTEM OF BALTIMORE COUNTY

# Summary of Principal Results

Summarized below are the principal financial results for the Employees' Retirement System of Baltimore County based upon the actuarial valuation as of June 30, 2001. Comparable results from the June 30, 2000 valuation are also shown.

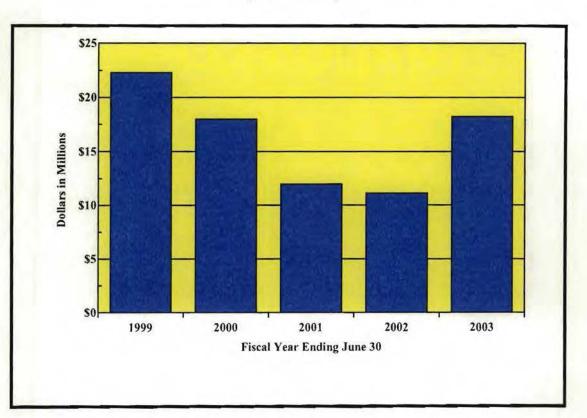
Item	Jun	e 30, 2001	Jun	e 30, 2000
Demographics Active Full-time Members > Number > Average Pay	\$	7,943 38,016	S	7,628 37,102
	675			
Active Part-time Members > Number	1	1,085		1,303
Summariana				
Suspensions > Number		87		0
- Humber		07		U
Members on Leave of Absence				
> Number		17		25
Retirees and Beneficiaries				
> Number		5,557		5,455
> Average Annual Allowance	\$	16,110	\$	15,490
Terminated Members Entitled to Deferred				
Allowances		22.5		
> Number	1000	220		183
Average Deferred Retirement Allowance	\$	7,098	\$	6,898
Actuarial Funded Status — GASB No. 25 Disclosure				
Accrued Liability	\$ 1,6	16,588,483	\$ 1,5	11,544,211
<ul> <li>Actuarial Value of Assets</li> </ul>	1.7	44,066,828	_1,6	89,860,650
<ul> <li>Unfunded Accrued Liability</li> </ul>	\$ (1)	27,478,345)	\$ (1	78,316,439)
Funded Ratio		107.9%		111.8%
Recommended Contribution				
Appropriated in Fiscal Year Ending	Jun	e 30, 2003	Jun	e 30, 2002
> Normal		1.1.1.1.1.1		
- Benefits	\$	26,835,262	\$	24,814,670
<ul> <li>Administrative</li> </ul>		959,213		0
– Total		27,794,475		24,814,670
> Accrued Liability		(9,553,481)		13,639,807)
Grand Total	\$	18,240,994	\$	11,174,863

# **Five-Year History of Principal Financial Results**

# Fiscal Year<br/>Ending June 30Contribution<br/>Appropriation2003\$ 18,240,994200211,174,863200111,993,888200017,974,997199922,296,119

**Five-Year History of Contribution Appropriation** 

The following chart shows a five-year history of the contribution appropriation:



# Five-Year History of Contribution Appropriation (\$ in Millions)

EMPLOYEES' RETIREMENT SYSTEM OF BALTIMORE COUNTY

# Actuarial Funded Status — GASB No. 25 Disclosure

Statement No. 25 of the Governmental Accounting Standards Board established reporting standards for the annual financial reports of defined benefit pension plans. The System recognized Statement No. 25 beginning with the June 30, 1996 valuation. The statement requires disclosure of the "schedule of funding progress" and the "schedule of employer contributions" in the System's financial statements.

The "schedule of funding progress", presented in Table 8, shows historical trend information about the System's actuarial value of assets, the actuarial accrued liability and the unfunded actuarial accrued liability. The actuarial funded status is measured by comparing the actuarial value of assets (based on a 5-year moving average market value) with the accrued liability. The accrued liability is the present value of benefits accumulated to date under the System's funding method and reflects future pay increases for active employees. On this basis, the System's funded ratio is 107.9% as of June 30, 2001. The funded ratio is based on an actuarial value of assets of \$1,744,066,828 and an accrued liability of \$1,616,588,483.

The "schedule of employer contributions", presented in Table 9, shows historical trend information about the annual required contributions (ARC) of the employer and the percentage of the ARC contributed to the System. The ARC is equal to the normal cost plus amortization of the unfunded actuarial accrued liability. The maximum period for amortizing the unfunded actuarial accrued liability is 40 years. The maximum amortization period decreases to 30 years in 2006. The employer contributions to the System are equal to the normal cost plus 20-year amortization of the unfunded accrued liability. The System's financing objectives are based on a 20-year amortization period, which is fiscally sound. The employer contributions to the System are equal to 100% of the ARC.

#### Reasons for Change in the Funded Ratio

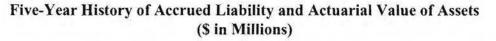
The funded ratio decreased from 111.8% as of June 30, 2000 to 107.9% as of June 30, 2001. The decrease is primarily due to the asset loss and the benefit change for police and firefighters described earlier.

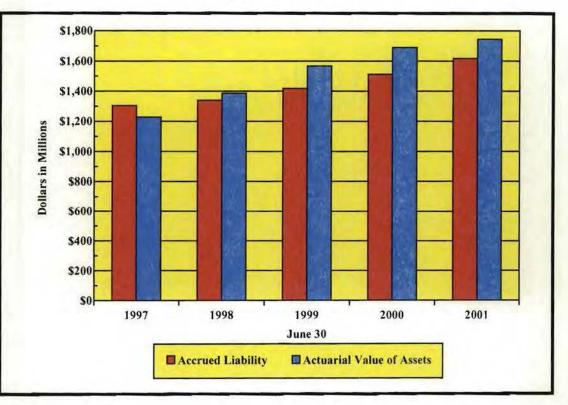
EMPLOYEES' RETIREMENT SYSTEM OF BALTIMORE COUNTY

Valuation as of June 30	Accrued Liability	Actuarial Value of Assets	Unfunded Accrued Liability	Funded Ratio
2001	\$ 1,616,588	\$1,744,066	\$ (127,478)	107.9%
2000	1,511,544	1,689,860	(178,316)	111.8
1999	1,418,527	1,566,992	(148,465)	110.5
1998	1,338,861	1,386,509	(47,648)	103.6
1997	1,303,807	1,227,075	76,732	94.1

Five Vear History of

The following chart shows a five-year history of the accrued liability and the actuarial value of assets:



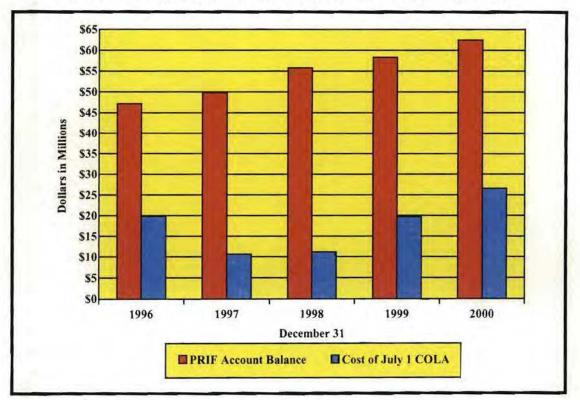


# **Post Retirement Increase Fund**

The Post Retirement Increase Fund (PRIF) is credited with excess investment earnings that are earned during each calendar year. From the PRIF account, cost-of-living adjustments are funded on an annual basis. The cost-of-living adjustments are equal to the annual increase in the consumer price index in December to a maximum of 4%. The maximum PRIF account balance is equal to twice the cost of a 4% COLA. A five year history is shown below.

December 31	PRIF Account Balance	COLA as of July 1 of the Following Year	Cost of July 1 COLA
2000	\$ 62,492,136	3.4%	\$ 26,559,158
1999	58,306,544	2.7	19,678,459
1998	55,736,020	1.6	11,147,204
1997	49,811,592	1.7	10,584,963
1996	47,174,657	3.3	19,821,972

Below is a five-year history of the PRIF Account Balance and cost of July 1 COLA:



Five-Year History of PRIF Account Balance and Cost of July 1 COLA

EMPLOYEES' RETIREMENT SYSTEM OF BALTIMORE COUNTY

# Rate of Return

The investment return of the trust fund (i.e. total return including both realized and unrealized gains and losses) for fiscal years ending June 30, 1997 through June 30, 2001 is shown below. The return based on the actuarial value of assets used for determining the annual contribution appropriation is also shown.

Fiscal Year	Rate of Ret	urn Based on
Ending June 30	Market Value	Actuarial Value
2001	(5.9)%	6.9%
2000	9.1	14.5
1999	13.7	16.2
1998	17.7	16.3
1997	19.5	13.3

he re	emainder	of th	ne report is comprised of the following sections or schedules:
Tab	ole 1	_	Summary of Results of Actuarial Valuation as of June 30, 2001
Tat	ole 2	-	Allocation of Recommended Appropriation Payable to the Pension Accumulation Fund for Fiscal 2003
Tat	ole 3	-	Summary of Market Value of System Assets as of June 30, 2001
Tab	ole 4	-	Derivation of Actuarial Value of Assets as of June 30, 2001
Tab	ole 5	-	Determination of Post Retirement Increase Fund as of June 30, 2001
Tab	ole 6	-	Analysis of Change in Unfunded Accrued Liability as of June 30, 2001
Tab	ole 7	-	Progress Toward Amortization of Unfunded Accrued Liability as of June 30, 2001
Tab	ole 8	-	Schedule of Funding Progress - GASB Statement No. 25 Disclosure
Tab	ole 9	-	Schedule of Employer Contributions - GASB Statement No. 25 Disclosure
Tat	ole 10	-	10 Year Comparative Summary of Accrued Liability and Actuarial Value of Assets
Tab	ole 11	-	10 Year Comparative Summary of Accrued and Unfunded Accrued Liability
Tab	ole 12	-	Description of Actuarial Assumptions and Methods
Tab	ole 13	-	Summary of Benefit and Contribution Provisions
Tab	ole 14	-	Summary of Membership Data as of June 30, 2001
Exł	hibit I	-	Active Membership Data as of June 30, 2001 - Number and Average Annual Salary
Exh	nibit II	-	Schedule of Active Member Valuation Data
Exł	nibit III	-	Retiree and Beneficiary Membership Data as of June 30, 2001 - Number and Average Annual Allowance
Exh	nibit IV	-	Schedule of Retiree and Beneficiary Data
Exł	nibit V	-	Retirees and Beneficiaries in Pay Status as of June 30, 2001 - Distribution of Members by Type of Retirement
Exł	nibit VI	-	Retirees and Beneficiaries in Pay Status as of June 30, 2001 - Distribution of Members by Option Selected
Exh	nibit VII	-	Detailed Tabulations of the Data

The remainder of the report is comprised of the following sections or schedules:

# SUMMARY OF RESULTS OF ACTUARIAL VALUATION AS OF JUNE 30, 2001

Item	General Employees	Police	Firefighters	Correctional Officers	Total
Member Data					
1. Number of Members					
a) Active Members					
i) Full-time				1	
- Vested	3,615	1,353	833	170	5,971
- Non-vested	1,299	446	171	56	1,972
- Total	4,914	1,799	1,004	226	7,943
ii) Part-time					
- Vested	507	0	0	0	507
- Non-vested	<u>578</u>	<u>0</u>	Q	<u>0</u>	578
- Total	1,085	0	0	0	1,08
iii) Total	5,999	1,799	1,004	226	9,02
b) Suspensions	71	11	5	0	8
c) Members on Leave of			1.1		
Absence	15	0	2	0	r
d) Retirees and Beneficiaries	4,012	1,018	481	46	5,55
e) Terminated Members Entitled to Deferred					
Retirement Allowances	212	<u>6</u>	2	<u>0</u>	220
f) Total Membership	10,309	2,834	1,494	272	14,909
2. Annual Compensation			0.00		1
a) Full-time Actives	\$ 166,521,258	\$ 81,739,776	\$ 45,716,523	\$ 7,981,113	\$ 301,958,670
b) Part-time Actives	21,732,642	0	0	0	21,732,642
c) Total	\$ 188,253,900	\$ 81,739,776	\$ 45,716,523	\$ 7,981,113	\$ 323,691,312
3. Annual Retirement Allowances	\$ 45,915,284	\$ 26,535,467	\$ 16,271,977	\$ 800,734	\$ 89,523,462
4. Annual Deferred Allowances	\$ 1,505,384	\$ 32,623	\$ 23,563	\$ 0	\$ 1,561,57

# SUMMARY OF RESULTS OF ACTUARIAL VALUATION AS OF JUNE 30, 2001 (Continued)

Item	General Employees	Police	Firefighters	Correctional Officers	Total
Valuation Results					
<ol> <li>5. Present Value of Liabilities         <ul> <li>a) Active Members and Members on Leave</li> <li>b) Suspensions</li> <li>c) Retirees and Beneficiaries</li> <li>d) Terminated Members</li> <li>e) Total</li> </ul> </li> </ol>	\$ 479,055,783 319,786 419,124,719 <u>8,971,919</u> \$ 907,472,207	\$ 373,315,388 86,634 285,767,814 <u>177,323</u> \$ 659,347,159	\$ 212,241,763 102,854 173,969,309 104,682 \$ 386,418,608	\$ 24,365,095 0 9,376,062 0 \$ 33,741,157	\$ 1,088,978,029 509,274 888,237,904 9,253,924 \$ 1,986,979,131
<ul> <li>6. Present Value of Future Normal Cost <ul> <li>a) Members</li> <li>b) Employers</li> <li>c) Total</li> </ul> </li> </ul>	\$ 82,781,623 	\$ 47,052,573 	\$ 27,861,743 	\$ 3,724,088 5,399,563 \$ 9,123,651	\$ 161,420,027 208,970,621 \$ 370,390,648
<ol> <li>Accrued Liability</li> <li>(5) - (6)</li> </ol>	\$ 753,383,057	\$ 519,220,325	\$ 319,367,595	\$ 24,617,506	\$ 1,616,588,483
8. Actuarial Value of Assets	\$ 834,066,237	\$ 535,875,698	\$ 346,806,274	\$ 27,318,619	\$ 1,744,066,828
<ul> <li>9. Unfunded Accrued Liability <ul> <li>a) Total (7) - (8)</li> <li>b) Member</li> <li>c) Employer (a) - (b)</li> </ul> </li> <li>10. Expected Payroll During</li> </ul>	\$ (80,683,180) 	\$ (16,655,373) <u>2,544,829</u> \$ (19,200,202)	\$ (27,438,679) <u>0</u> \$ (27,438,679)	\$ (2,701,113) <u>156,169</u> \$ (2,857,282)	\$ (127,478,345) 5,042,807 \$ (132,521,152)
Fiscal 2003 11. Recommended Fiscal 2003 Employer Contribution	\$ 202,750,000	\$ 94,050,000	\$ 51,710,000	\$ 8,840,000	\$ 357,350,000
<ul> <li>a) Normal <ul> <li>i) Benefit</li> <li>ii) Administrative</li> <li>iii) Total</li> </ul> </li> <li>b) Accrued Liability</li> <li>c) Grand Total</li> </ul>	\$ 9,196,344 544,229 \$ 9,740,573 (6,441,804) \$ 3,298,769	\$ 11,887,920 252,453 \$ 12,140,373 (1,040,324) \$ 11,100,049	\$ 5,098,606 <u>138,802</u> \$ 5,237,408 <u>(1,946,563)</u> \$ 3,290,845	\$ 652,392 23,729 \$ 676,121 (124,790) \$ 551,331	\$ 26,835,262 959,213 \$ 27,794,475 (9,553,481) \$ 18,240,994
<ul> <li>12. Employer Contribution Rate for Fiscal 2003 <ul> <li>a) Normal</li> <li>i) Benefit</li> <li>ii) Administrative</li> <li>iii) Total</li> <li>b) Accrued Liability</li> <li>c) Grand Total</li> </ul> </li> </ul>	4.54% <u>0.27%</u> 4.81% <u>(3.18%)</u> 1.63%	12.64% <u>0.27%</u> 12.91% ( <u>1.11%)</u> 11.80%	9.86% <u>0.27%</u> 10.13% ( <u>3.77%)</u> 6.36%	7.38% <u>0.27%</u> 7.65% <u>(1.41%)</u> 6.24%	7.51% <u>0.27%</u> 7.78% <u>(2.68%)</u> 5.10%

BUCK CONSULTANTS

# ALLOCATION OF RECOMMENDED APPROPRIATION PAYABLE TO THE PENSION ACCUMULATION FUND FOR FISCAL 2003

				Amount of Empl	oyer Contribution	
	Fiscal 2003	Benefit	No	rmal		
Group	Appropriation Payroll	Normal Rate <sup>(1)</sup>	Benefit	Administrative	Accrued Liability	Total
Regular County Employees:						
General Employees	\$132,670,000	4.56%	\$6,049,752	\$356,117	(\$4,162,968)	\$2,242,901
Police	94,050,000	12.64%	11,887,920	252,453	(1,040,324)	11,100,049
Firefighters	51,710,000	9.86%	5,098,606	138,802	(1,946,563)	3,290,845
Correctional Officers	8,840,000	7.38%	652,392	23,729	(124,790)	551,331
Total	\$ 287,270,000		\$ 23,688,670	\$771,101	(\$7,274,645)	\$ 17,185,126
Employees of County Agencies:	1.64					
Baltimore County			1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.		1.1.1.1.1.1.1	
Board of Education	61,550,000	4.49%	2,763,595	165,216	(2,001,460)	\$ 927,351
Baltimore County						-
Revenue Authority	2,320,000	4.49%	104,168	6,227	(75,441)	\$ 34,954
Baltimore County Board of						
Library Trustees	1,070,000	4.49%	48,043	2,872	(34,794)	\$ 16,121
Baltimore County						
Community Colleges	5,140,000	4.49%	230,786	13,797	<u>(167,141</u> )	<u>\$ 77,442</u>
Total	<u>\$ 70,080,000</u>		\$ <u>3,146,592</u>	\$ <u>188,112</u>	( <u>\$2,278,836</u> )	\$ <u>1,055,868</u>
Grand Total	\$ 357,350,000	7.51%	\$ 26,835,262	\$ 959,213	\$ (9,553,481)	\$ 18,240,994

(1) The benefit normal rate for General Employees in total is 4.54%. The County Agencies Employees' costs are

based on a 36-month final average salary, except for the PSNA nurses who have a 12-month final average salary.

# SUMMARY OF MARKET VALUE OF SYSTEM ASSETS AS OF JUNE 30, 2001

larket Va	alue		
1. Marl	ket Value of Assets as of June 30, 2000	\$	1,964,954,244
2. Cont	tributions During Fiscal 2001	1	
a) M	ember	\$	19,631,262
b) Ei	mployer		11,993,888
c) To		\$	31,625,150
3. Disb	ursements During Fiscal 2001	s	92,029,206
4. Inve	stment Return During Fiscal 2001		
a) In	come from Investments	s	61,423,018
b) R	ealized Appreciation		75,874,406
c) U	nrealized Depreciation		(241,494,484)
	xpenses		9,872,517
e) N	et Investment Return (a) + (b) + (c) - (d)	\$	(114,069,577)
5. Marl	ket Value of Assets as of June 30, 2001		
(1) +	- (2) - (3) + (4)	\$	1,790,480,611
6. Rate	of Return		-5.90%

# DERIVATION OF ACTUARIAL VALUE OF ASSETS AS OF JUNE 30, 2001

I. Market Va	lue of Assets as	of June 30, 2001		\$ 1,790,480,611
2. Determinat	ion of Deferred	Gain (Loss)		
		Realized and		
N		Unrealized	Percentage	Deferred
Year		Appreciation	Deferred	Amount
2001	\$	(165,620,078)	80%	\$ (132,496,062)
2000		112,813,622	60%	67,688,173
1999		174,652,088	40%	69,860,835
1998		206,804,184	20%	41,360,837
Total	\$	328,649,816		46,413,783
Delleri		C	20, 2001	
(1) - (2)	Actuarial vall	ue of Assets as of June	30, 2001	\$ 1,744,066,828
. 14% Corrie	lor on Market V	alue of Assets		
(a) 86% of	(1)			\$ 1,539,813,325
(b) 114% o	f (1)			\$ 2,041,147,897
. Actuarial V	alue of Assets	as of June 30, 2001		\$ 1,744,066,828
Greater of	(3) and (4a), not	t more than (4b)		
	urn			6.91%

# DETERMINATION OF POST RETIREMENT INCREASE FUND AS OF JUNE 30, 2001

Item Amount			
1. PRIF Account Balance as of June 30, 2000	\$	58,306,544	
<ol> <li>Transfer to Pension Accumulation Fund for July 1, 2000 COLA</li> </ol>	\$	19,678,459	
<ol> <li>PRIF Account Balance as of December 31, 2000 before Transfer of Excess Investment Income (1) - (2)</li> </ol>	\$	38,628,085	
4. Excess Investment Earnings During Calendar 2000	\$	66,354,189	
<ol> <li>PRIF Account Balance as of June 30, 2001 before Maximum Limitation         <ul> <li>(3) + (4)</li> </ul> </li> </ol>	\$	104,982,274	
6. Maximum Limitation			
a) Cost of 4% COLA as of July 1, 2001 b) Maximum PRIF Account Balance	\$	31,246,068	
2 * (a)	\$	62,492,136	
<ol> <li>PRIF Account Balance as of June 30, 2001 Lesser of (5) or (6b)</li> </ol>	\$	62,492,136	
<ol> <li>Excess Investment Earnings Transferred into PRIF Account as of December 31, 2000 (7) - (3)</li> </ol>	\$	23,864,051	

# ANALYSIS OF CHANGE IN UNFUNDED ACCRUED LIABILITY AS OF JUNE 30, 2001

Item	Amount
1. Unfunded Accrued Liability at June 30, 2000	\$ (178,316,439)
2. Interest Charge at 7.875% to June 30, 2001	\$ (14,042,421)
<ul> <li>3. Contributions Toward Unfunded Accrued Liability</li> <li>(a) Employer</li> <li>(b) Member</li> <li>(c) Interest Credit at 7.875% to June 30, 2001</li> </ul>	\$ (11,476,972) 592,381 (420,458)
<ul><li>(d) Total</li><li>4. Increase due to Police and Fire Benefit Improvement</li></ul>	\$ (11,305,049) \$ 12,823,322
<ol> <li>Expected Unfunded Accrued Liability at June 30, 2001</li> <li>(1) + (2) - (3) + (4)</li> </ol>	\$ (168,230,489)
6. Actual Unfunded Accrued Liability at June 30, 2001	\$ (127,478,345)
<ol> <li>Increase (Decrease) from Expected / Actuarial Loss</li> <li>(6) - (5)</li> </ol>	\$ 40,752,144

# PROGRESS TOWARD AMORTIZATION OF UNFUNDED ACCRUED LIABILITY AS OF JUNE 30, 2001

Item	Amount	Amortization Period
Unfunded Accrued Liability		
1. Establishment of Benefits for Correctional Officers	\$ 1,596,545	8.50 years
2. 1992 Retirement Incentive Program	14,871,279	11.50 years
3. Change to 12 Month Average Final Compensation	13,698,087	9.90 years
4. 1993 Change in Asset Valuation Method	(12,256,406)	12.70 years
5. 1993 Change in Assumptions	5,955,180	12.70 years
6. 1994 Change in Firefighter Member Contribution Rate	(1,782,568)	13.60 years
7. 1994 Change in Accidental Disability Benefits	(6,163,504)	13.60 years
8. Firefighter Retirement Incentive Program	10,288,965	13.60 years
9. New January 1, 1999 Firefighter Plan	8,846,310	13.60 years
10. 1995 Change in Normal Retirement Benefits	15,289,471	13.60 years
11. 1995 Change in Accidental Disability Benefits	(4,557,907)	13.60 years
12. 1996 General Employee Retirement Incentive Program	20,626,726	14.60 years
13. 1998 Change in Assumptions per Experience Review	35,468,996	18.00 years
14. 1998 Change to Entry Age Cost Method	(164,602,989)	18.00 years
15. 1999 Change to Survivor Eligibility and Benefit Amount	1,117,973	18.00 years
16. 1999 Actuarial Gain	(96,070,878)	18.00 years
17. 2000 Change in Deputy Sheriffs Benefit Amount	1,241,653	19.00 years
18. 2000 Change in Asset Valuation Method	55,508,470	19.00 years
19. 2000 Actuarial Gain	(80,129,214)	19.00 years
20. 2001 Change in Police and Fire Benefits	12,823,322	20.00 years
21. 2001 Actuarial Loss	40,752,144	20.00 years
22. Total	\$ (127,478,345)	

Valuation as of June 30	Actuarial Value of Assets	Actuarial Accrued Liability	Unfunded Actuarial Accrued Liability	Funded Ratio	Covered Payroll	Unfunded Accrued Liability as a Percentage of Covered Payroll
2001 (1)	\$ 1,744,066,828	\$ 1,616,588,483	\$ (127,478,345)	107.9%	\$ 323,691,312	-39.4%
2000 (2)	1,689,860,650	1,511,544,211	(178,316,439)	111.8%	308,851,790	-57.7%
1999	1,566,992,511	1,418,527,276	(148,465,235)	110.5%	282,496,049	-52.6%
1998 (3)	1,386,509,211	1,338,860,832	(47,648,379)	103.6%	270,667,111	-17.6%
1997 (4)	1,227,074,666	1,303,806,772	76,732,106	94.1%	259,735,670	29.5%
1996	1,114,549,586	1,225,845,157	111,295,571	90.9%	251,460,787	44.3%

# SCHEDULE OF FUNDING PROGRESS GASB STATEMENT NO. 25 DISCLOSURE

(1) Revised Police and Fire retirement rates due to benefit improvements.

- (2) Actuarial asset valuation method changed from 4-year to 5-year moving market average, with a 14% corridor on the market value of assets.
- (3) Cost method changed to Entry Age Normal and assumption changes recommended in 1997 experience study were adopted.
- (4) Net actuarial losses for the fiscal year ending June 30, 1994 were transferred from accrued liability to future normal cost.

#### Year Annual Ended Required Percentage June 30 Contribution Contributed 100% 2001 \$ 11,993,888 100% 17,974,997 2000 100% 1999 22,296,119 100% 1998 22,261,716 1997 100% 23,634,150 100% 1996 19,638,588

# SCHEDULE OF EMPLOYER CONTRIBUTIONS GASB STATEMENT NO. 25 DISCLOSURE

The information presented above was determined as part of the actuarial valuation as of two years prior to the dates indicated (i.e. the contribution determined by the valuation completed as of June 30, 1999 was contributed in the fiscal year ending June 30, 2001). Additional information as of the latest actuarial valuation follows:

6/30/2001 Valuation Date: Actuarial Cost Method: Entry Age Normal Earnings Normal Cost Allocation: **Employee** Group Aggregation: -- Regular County General Employees -- Employees of County Agencies -- Police -- Firefighters -- Correctional Officers Level percent closed Amortization Method: 18 Years **Remaining Amortization Period:** 5-year smoothed market Asset Valuation Method: Actuarial Assumptions: 7.875% - Investment Rate of Return \* 3.25 - 7.75% - Projected Salaried Increases \* - Cost-of-Living Adjustments \*\* none 4.00% \* Includes Inflation at: \*\* Increases equal to the CPI up to a maximum of 4% are granted only if sufficient reserves have accumulated in the Post Retirement Increase

Fund.

		Accrued Liability F			11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	of Accrued I by Actuaria	
Valuation as of June 30	(A) Active Member Contributions	(B) Retirees and Beneficiaries	(C) Active Member Employer Financed	Actuarial Value of Assets	(A)	of Assets (B)	(C)
2001 (1)	\$ 247,121,190	\$ 888,237,904	\$ 481,229,389	\$ 1,744,066,828	100.0%	100.0%	100.0%
2000 (2)	230,386,737	844,563,160	436,594,314	1,689,860,650	100.0%	100.0%	100.0%
1999 (3)	216,630,554	796,268,960	405,627,762	1,566,992,511	100.0%	100.0%	100.09
1998 (4)	200,848,781	758,578,074	379,433,977	1,386,509,211	100.0%	100.0%	100.09
1997 (5)	185,328,076	675,102,012	443,376,684	1,227,074,666	100.0%	100.0%	82.7%
1996 (6)	168,766,131	631,040,099	426,038,927	1,114,549,586	100.0%	100.0%	73.99
1995 の	165,399,710	556,307,455	397,168,176	1,031,249,798	100.0%	100.0%	77.9%
1994 (8)	156,372,843	493,348,347	387,721,304	964,208,661	100.0%	100.0%	81.19
1993 (9)	142,540,558	458,886,773	347,860,511	920,027,534	100.0%	100.0%	91.69
1992 (10)	131,357,789	401,194,287	348,323,738	846,394,969	100.0%	100.0%	90.19

# SOLVENCY TEST 10 YEAR COMPARATIVE SUMMARY OF ACCRUED LIABILITY AND ACTUARIAL VALUE OF ASSETS

(1) Change in benefits and retirement rates for Police and Firefighters.

(2) Change in benefits for Deputy Sheriffs. The actuarial asset valuation method was changed from a 4-year to a 5-year moving market average with a 14% corridor on the market value of assets.

- (3) Revise survivor benefits and eligibility Section 23 59 of the Code.
- (4) Cost method changed to Entry Age Normal and assumption changes recommended in 1997 experience study were adopted.
- (5) Net actuarial losses for the fiscal year ending June 30, 1994 were transferred from accrued liability to future normal cost.
- (6) Council Bills 209-95 and 27-96 contain a Retirement Incentive Program for Regular County General Employees. This program provided an increased benefit amount for retirements effective January 1 thru February 29, 1996. Creditable service was increased with unused sick leave and average final compensation was increased by 5%.
- (7) Council Bill 91-95 increased the service retirement benefit (a) for all correctional officers, and (b) for Police and Firefighters who retire with more than 20 years of service. The bill also restructured accidental disability benefits for police and increased lump sum death benefits for Pay Schedule II employees.
- (8) Accidental disability benefits were modified for General and Correctional Employees as of December 18, 1993. Effective July 1, 1994 the member contribution rate for Firefighters was increased 2.95% for all members on pay schedule V, and 4.75% for members on pay schedule VIII who elect to be covered by the Early Retirement Incentive Program or the new retirement provisions. Effective July 1, 1994 accidental disability benefits for firefighters were reduced. An Early Retirement Incentive Program was offered to eligible Firefighters who retire effective December 31, 1994. The member contribution rate for Firefighters was reduced by 1% effective April 1, 1995 and by an additional .6% July 1, 1995. Effective January 1, 1999 new retirement provisions will go into effect for Firefighters. Net Actuarial losses for the fiscal year ending June 30, 1994 were added to the Accrued Liability.
- (9) The assumed interest rate was decreased from 8% to 7.875% for the June 30, 1993 valuation. The effective rate of salary increase was decreased from 6% to 5.75%. The actuarial asset valuation method was changed from a 5-year to a 4-year moving market average.
- (10) The Retirement Incentive Program, which provided enhanced benefits, was in effect for members who retired from November 5, 1991 through January 31, 1992.

Valuation as of June 30	Accrued Liability	Actuarial Value of Assets	Assets as a Percent of Accrued Liability	Unfunded Accrued Liability	Active Member Payroll	Unfunded as % of Member Payroll
2001 (1)	\$ 1,616,588,483	\$ 1,744,066,828	100.00%	\$ (127,478,345)	\$ 323,691,312	-39.4%
2000 (2)	1,511,544,211	1,689,860,650	100.00%	(178,316,439)	308,851,790	-57.7%
1999 (3)	1,418,527,276	1,566,992,511	100.00%	(148,465,235)	282,496,049	-52.6%
1998 (4)	1,338,860,832	1,386,509,211	100.00%	(47,648,379)	270,667,111	-17.6%
1997 (5)	1,303,806,772	1,227,074,666	94.11%	76,732,106	259,735,670	29.5%
1996 (6)	1,225,845,157	1,114,549,586	90.92%	111,295,571	251,460,787	44.3%
1995 (7)	1,118,875,341	1,031,249,798	92.17%	87,625,543	261,532,431	33.5%
1994 (8)	1,037,442,494	964,208,661	92.94%	73,233,833	246,970,987	29.7%
1993 (9)	949,287,842	920,027,534	96.92%	29,260,308	243,192,393	12.0%
1992 (10)	880,875,814	846,394,969	96.09%	34,480,845	249,469,635	13.8%

# 10 YEAR COMPARATIVE SUMMARY OF ACCRUED AND UNFUNDED ACCRUED LIABILITY

(1) Change in benefits and retirement rates for Police and Firefighters.

- (2) Change in benefits for Deputy Sheriffs. The actuarial asset valuation method was changed from a 4-year to a 5-year moving market average with a 14% corridor on the market value of assets.
- (3) Revise survivor benefits and eligibility Section 23 59 of the Code.

(4) Cost method changed to Entry Age Normal and assumption changes recommended in 1997 experience study were adopted.

- (5) Net actuarial losses for the fiscal year ending June 30, 1994 were transferred from accrued liability to future normal cost.
- (6) Council Bills 209-95 and 27-96 contain a Retirement Incentive Program for Regular County General Employees. This program provided an increased benefit amount for retirements effective January 1 thru February 29, 1996. Creditable service was increased with unused sick leave and average final compensation was increased by 5%.
- (7) Council Bill 91-95 increased the service retirement benefit (a) for all correctional officers, and (b) for Police and Firefighters who retire with more than 20 years of service. The bill also restructured accidental disability benefits for police and increased lump sum death benefits for Pay Schedule II employees.
- (8) Accidental disability benefits were modified for General and Correctional Employees as of December 18, 1993. Effective July 1, 1994 the member contribution rate for Firefighters was increased 2.95% for all members on pay schedule V, and 4.75% for members on pay schedule VIII who elect to be covered by the Early Retirement Incentive Program or the new retirement provisions. Effective July 1, 1994 accidental disability benefits for firefighters were reduced. An Early Retirement Incentive Program was offered to eligible Firefighters who retire effective December 31, 1994. The member contribution rate for Firefighters was reduced by 1% effective April 1, 1995 and by an additional .6% July 1, 1995. Effective January 1, 1999 new retirement provisions will go into effect for Firefighters. Net Actuarial losses for the fiscal year ending June 30, 1994 were added to the Accrued Liability.
- (9) The assumed interest rate was decreased from 8% to 7.875% for the June 30, 1993 valuation. The effective rate of salary increase was decreased from 6% to 5.75%. The actuarial asset valuation method was changed from a 5-year to a 4-year moving market average.
- (10) The Retirement Incentive Program, which provided enhanced benefits, was in effect for members who retired from November 5, 1991 through January 31, 1992.

#### DESCRIPTION OF ACTUARIAL ASSUMPTIONS AND METHODS

#### ASSUMPTIONS

**Interest Rate**: 7<sup>7</sup>/<sub>8</sub>% per annum, compounded annually (adopted as of June 30, 1993 effective for the fiscal 1995 contribution).

**Salary Increase**: Effective annual average of 5¼% for Police and Firefighters and 4¾% for all other employees. 4% of each increase is attributable to inflation, while the remainder is due to merit or seniority (adopted as of June 30, 1998 effective for the fiscal 2000 contribution). Representative values are as follows:

	Annual Rates of Salary Increase			
Age	Other than Police and Firefighters	Police and Firefighters		
25	7.75%	7.50%		
30	6.50	6.25		
35	5.50	5.25		
40	5.00	4.75		
45	4.50	4.25		
50	4.00%	3.75%		
55	3.50	3.25		
60	3.50	3.25		
65	3.50	3.25		

**Future Expenses:** The assumed interest rate is net of the anticipated future administrative expenses of the fund. All administrative and operating expenses of the ERS are included in the normal cost effective with the June 30, 2001 actuarial valuation.

Loading or Contingency Reserves: None.

EMPLOYEES' RETIREMENT SYSTEM OF BALTIMORE COUNTY

# DESCRIPTION OF ACTUARIAL ASSUMPTIONS AND METHODS (continued)

# Illustrative Rates of Separation from Service (adopted as of June 30, 1998):

		Withdrawal		Disa	bility	De	ath
Age	Refund Before 10 Years of Service	Refund After 10 Years of Service	Termination Benefit After 10 Years of Service	Ordinary	Accidental	Ordinary	Accidenta
		Emp	oloyees Other Tl	han Police and	Firefighters		1
20	14.50%	1		.05%	.025%	.070%	.002%
25	7.50			.07	.025	.068	.001
30	5.75	2.25%	.40%	.12	.050	.065	.001
35	5.50	2.15	.40	.20	.050	.076	.001
40	5.50	2.05	.40	.35	.075	.102	.002
45	5.50	1.95	.45	.50	.125	.151	.003
50	4.00	1.85	.50	.70	.150	.235	.006
55	3.00	1.75	.50	.85	.175	.387	.009
59	2.60	1.67	.50	.85	.225	.643	.014
60				.85	.225	.735	.015
65				.85	.225	1.408	.024
69	1			.85	.225	2.233	.035
				Police			
20	2.50%	10 M		.055%	.240%	.070%	.016%
25	1.30	2		.055	.300	.068	.024
30	1.20	.75%	.258%	.066	.360	.065	.032
35	.80	.50	.158	.250	.510	.076	.048
40	.60	.30	.097	.250	.870	.102	.072
45	.60	.30	.055	.250	1.650	.151	.104
50	.40	.30	.030	.350	3.030	.235	.168
54	.28	.30	.010	1.110	4.800	.346	.248
55				1.300	5.400	.387	.280
59				1.300	8.700	.643	.480
-			Fi	refighters			
20	2.50%			.055%	.180%	.070%	.016%
25	1.30			.055	.225	.068	.024
30	1.20	.75%	.258%	.066	.270	.065	.032
35	.80	.50	.158	.250	.382	.076	.048
40	.60	.30	.097	.250	.522	.102	.072
45	.60	.30	.055	.250	.990	.151	.104
50	.40	.30	.030	.350	1.818	.235	.168
54	.28	.30	.010	1.110	2.956	.346	.248
55				1.300	3.240	.387	.280
59				1.300	3.640	.643	.480

# DESCRIPTION OF ACTUARIAL ASSUMPTIONS AND METHODS (continued)

Illustrative Rates of Retirement (adopted as of June 30, 1998)

	Early Retirement	and the second	Normal Retirem	ent
Age	General Employees	Other than Police and Firefighters	Police*	Firefighters*
40			10.78%	
41		1. A.	10.84	
42			10.89	
43			10.95	1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.
44			10.99	12.00%
45		13.00%	11.06	12.00
46		13.00	11.14	12.00
47		13.00	11.25	12.00
48		13.00	11.38	12.00
49		13.00	11.51	12.00
50		13.00	11.65	10.25
51		13.00	11.83	10.40
52		13.00	12.04	10.58
53		13.00	12.29	10.80
54		13.00	12.57	11.05
55	12.35%	13.00	22.70	19.89
56	3.90	13.00	20.93	18.32
57	2.60	13.00	11.60	10.10
58	4.16	13.00	11.85	10.31
59	5.85	13.00	12.25	10.65
60		13.00	100.00	100.00
61		14.95		
62		27.19		
63 64		19.39		
64		21.99		1
65		35.64		
66		30.31		
67		28.75		
68	1	27.19 25.89		
69 70		100.00		
10		100.00		

\* Members meeting the service requirement for the free Joint & 50% spousal benefit (free J&S) by age 60 are assumed to retire at 90% of the rates shown prior to eligibility for the free J&S and at the rates shown after eligibility for the benefit. Members not qualifying for this benefit are assumed to retire at the rates shown.

# DESCRIPTION OF ACTUARIAL ASSUMPTIONS AND METHODS (continued)

**Death After Retirement:** The 1995 George B. Buck Mortality Table with ages set forward one year was used for service retirements and dependent beneficiaries. Special mortality tables are used for disability retirements. Illustrative rates are as follows (adopted as of June 30, 1998):

		Annual Rate	es of Mortality	Among:			
Age	Service P	ensioners	Disability Pensioners				
	All Me	embers	Other tha and Fire		Police and		
	Males	Females	Males	Females	Firefighters		
40	.102%	.062%	2.322%	1.732%	3.786%		
45	.151	.099	2.444	1.842	2.643		
50	.235	.155	2.635	2.020	2.434		
55	.387	.226	2.939	2.299	2.637		
60	.735	.360	3.417	2.740	3.046		
65	1.408	.779	4.166	3.431	3.704		
70	2.485	1.562	5.340	4.515	4.726		
75	4.176	2.566	7.157	6.193	6.319		
80	6.934	4.195	9.920	8.770	8.758		

**Marital Status:** For Firefighters and Police, 90% of active members are assumed to be married. For all other employees, 90% of active males and 50% of active females are assumed to be married. In all cases it is assumed that the male spouse is three years older than the female spouse.

Credit for Unused Sick Leave: For members entitled to receive credit for unused sick leave, it was assumed that each member will accumulate such credit as follows:

Supervisory, management and confidential (SMC) members, other than firefighters	³¼ year
Firefighters including SMC members	1 year
Employees other than Police and Firefighters, excluding SMC members	1/2 year
Police	1/2 year

#### DESCRIPTION OF ACTUARIAL ASSUMPTIONS AND METHODS (continued)

#### METHODS

Actuarial Cost Method: Entry Age Normal. Changes in benefits and assumptions and gains or losses are amortized over 20 years as a level percentage of payroll. (Adopted as of June 30, 1998)

Asset Valuation Method: The valuation assets are determined as the market value less (1) 80% of the net appreciation during the preceding year, (2) 60% of the net appreciation during the second preceding year, (3) 40% of the net appreciation during the third preceding year, and (4) 20% of the net appreciation during the fourth preceding year. Valuation assets are not less than 86% of the market value and not more than 114% of the market value. (Adopted as of June 30, 2000)

Liability Due to Assets in Post Retirement Increase Fund: Liabilities for retirees and beneficiaries include the value of assets in the Post Retirement Increase Fund.

Payroll Growth: 3% per annum, compounded annually.

# DATA

The valuation was based on members of the System as of June 30, 2001 and does not take into account future members. All census data was supplied by the County and was subject to reasonable consistency checks. Asset data was supplied by the County.

#### SUMMARY OF BENEFIT AND CONTRIBUTION PROVISIONS

Groups Members who are general employees, correctional officers and deputy sheriffs are included in Groups 1, 2, and 3. Members who are police officers and firefighters are included in Group 4. **Benefit Basis for General Employees** 1/55 basis includes general employees who became members on and after January 1, 1961 and those members as of December 31, 1960 who elected to make increased contributions 1/60 basis includes general employees who were members as of December 31, 1960 and who did not elect to make increased contributions. 1/40 basis includes general employees who have been appointed department heads for at least 2 years. **Average Final Compensation** Based on the highest paid 12 consecutive months for general SMC (including department heads and other eligible employees) correctional officers SMC, and deputy sheriffs SMC who elected the option, general AFSCME, police SMC, police FOP, general BCFPE and PSNA, correctional officers BCFPE, deputy sheriffs BCFPE, firefighter SMC, and firefighter IAFF. For all other general employees, and police cadets, the average annual compensation for the three highest paid consecutive years of service. **Creditable Service** Creditable service consists of membership service, purchased Amount military service, service rendered prior to the establishment of the retirement system, and credit for unused sick leave, except

as specified below.

# SUMMARY OF BENEFIT AND CONTRIBUTION PROVISIONS (Continued)

Exclusions Military service is excluded from creditable service when determining whether police officers, correctional officers, or deputy sheriffs have satisfied the 20 year eligibility requirement for the normal retirement allowance. It is included when determining the amount of the allowance.

> In determining eligibility for benefits, credit for unused sick leave is counted only for purposes of meeting the 30-year service requirement for most general employees, or the age 50 requirement for firefighters.

> In determining the amount of benefits, credit for unused sick leave is counted only for purposes of the normal retirement allowance for all members or the early retirement allowance for general employees who are SMC members.

Credit for Unused Sick Leave One month of service is credited for each 22 complete days of unused sick leave. One additional month is granted if fractional days of sick leave total 11 or more days. Firefighters will receive 12 days of sick leave per year after December 31, 2001, and one month of service credit will be granted for every 16 days of accumulated unused sick leave.

# SUMMARY OF BENEFITS

Normal Retirement Allowance Members are entitled to receive an annual allowance which consists of a) an annuity consisting of a benefit which is actuarially equivalent to member contributions accumulated with interest at 5%; and b) a pension, which together with the annuity provides the total annual allowance.

#### General employees:

Eligibility

Age 60, or completion of 30 years of creditable service regardless of age.

EMPLOYEES' RETIREMENT SYSTEM OF BALTIMORE COUNTY

# SUMMARY OF BENEFIT AND CONTRIBUTION PROVISIONS (Continued)

Amount The total annual allowance is equal to the Benefit Basis times average final compensation times years of creditable service. **Police:** Eligibility Age 55, or completion of 20 years of creditable service regardless of age. Mandatory retirement at age 60, except for extensions approved by the Board. Amount If less than 20 years of creditable service, the total annual allowance is equal to 1/50 times average final compensation times years of creditable service. If 20 or more years of creditable service, the total annual allowance is equal to 50% of average final compensation, plus 2% of average final compensation for each year of creditable service in excess of 20 years. **Firefighters:** Eligibility Age 55, or age 50 and completion of 20 years of creditable service, or completion of 25 years of creditable service regardless of age. Mandatory retirement at age 60, except for extensions approved by the Board. A member on pay schedule VIII must make a formal election to receive the benefit described here. If the election is not made, such member will continue to receive benefits based on eligibility conditions and formula in effect prior to January 1, 1999. Amount The total annual allowance is equal to 1/40 times average final

The total annual allowance is equal to 1/40 times average final compensation times years of service up to 20 years, plus 1/50 times average final compensation times years of creditable service in excess of 20 years.

# SUMMARY OF BENEFIT AND CONTRIBUTION PROVISIONS (Continued)

# Correctional officers:

Eligibility Age 60, or completion of 20 years of creditable service regardless of age.

Amount

If less than 20 years of creditable service, the total annual allowance is equal to 1/50 times average final compensation times years of creditable service.

If 20 or more years of creditable service, the total annual allowance is equal to 50% of average final compensation, plus 1% of average final compensation for each year of creditable service in excess of 20 years.

#### **Deputy Sheriffs:**

Eligibility

Amount

Age 60, or completion of 20 years of creditable service regardless of age.

If less than 20 years of creditable service, the total annual allowance is equal to 1/55 times average final compensation times years of creditable service.

If 20 or more years of creditable service, the total annual allowance is equal to 50% of average final compensation, plus 1% of average final compensation for each year of creditable service in excess of 20 years.

#### Early Retirement Allowance

Eligibility

Age 55 and completion of 20 years of creditable service for general employees. Not applicable to police, correctional officers, firefighters, or deputy sheriffs.

# SUMMARY OF BENEFIT AND CONTRIBUTION PROVISIONS (Continued)

Amount

The accrued normal retirement allowance deferred to normal retirement age. A member may elect to receive an immediate benefit equal to the accrued normal retirement benefit reduced by 5/12 of 1% for each month the benefit commencement date precedes normal retirement date.

#### **Discontinued Service Benefit**

Eligibility

Service discontinued through no fault of the member or through failure of re-election or re-appointment after age 50 and completion of 20 years of creditable service or completion of 25 years of creditable service.

Amount In lieu of the withdrawal of accumulated contributions, a member may elect to receive the ordinary disability allowance that would have been payable had the member retired on an ordinary disability retirement. The additional cost in excess of the member's accumulated contributions is payable by the County.

#### Ordinary Disability Retirement Benefit

Eligibility

Completion of 5 years of creditable service and disabled due to causes not the result of an accident in the performance of duty.

Amount The total annual allowance for general employees, correctional officers, and deputy sheriffs is equal to the Benefit Basis (as defined for general employees) times average final compensation times years of creditable service. For police and firefighters, the total allowance is equal to 1/50 times average final compensation times years of creditable service up to 25, plus 1/55 times average final compensation times years of 25.

#### SUMMARY OF BENEFIT AND CONTRIBUTION PROVISIONS (Continued)

The minimum allowance for general employees, correctional officers, and deputy sheriffs is  $\frac{1}{4}$  of average final compensation increased by 1/55 of such compensation for each year of service in excess of 5 years to a maximum of  $\frac{1}{3}$  of average final compensation. For police and firefighters the minimum is  $\frac{1}{2}$  of average final compensation. The allowance is never greater than the member would have received had service continued to normal retirement age.

If the member is eligible for normal or early retirement, the member may elect to receive that benefit in lieu of the Ordinary Disability Retirement Benefit.

# **Accidental Disability Benefit**

Eligibility

Totally and permanently incapacitated for duty as the natural and proximate result of an accident occurring while in the actual performance of duty at some definite time and place, without willful negligence on the part of the member, which permanently incapacitates the member for further performance of duty. In the case of police and firefighters, an impairment as a direct result of the actual performance of duties with the County which permanently incapacitates the member for further performance of the duties of the member's job classification.

For police and firefighters, a total annual allowance which is equal to 50% of average final compensation, plus 1/55 for firefighters and 1/50 for police, times average final compensation times years of creditable service in excess of 20. If the member has suffered severe impairment, the benefit will not be less than 66-2/3% of average final compensation. If the member has suffered dismemberment or paralysis, the benefit will not be less than 75% of average final compensation. For other employee groups, an annuity, which is the actuarial equivalent of, accumulated contributions, plus a pension of 2/3 of average final compensation.

Amount

EMPLOYEES' RETIREMENT SYSTEM OF BALTIMORE COUNTY

# SUMMARY OF BENEFIT AND CONTRIBUTION PROVISIONS (Continued)

#### **Ordinary Death Benefit**

Eligibility

Death in service due to causes not the result of an accident in the performance of duty.

Amount

Return of member's accumulated contributions plus, if member had one or more years of service, 50% of annual earnable compensation at death (100% of such compensation in the case of pay schedule II employees, and certain supervisory, managerial and confidential merit employees under pay Schedule VI and pay Schedule XII).

Survivor Annuity Eligibility

Amount

Ordinary death in service while eligible for normal retirement, or after completion of 15 years of creditable service.

Surviving spouse or minor receives the option 2 allowance which would have been payable had member retired just prior to death and elected such option. Spouse may elect ordinary death benefit in lieu of spouse annuity. Minimum benefit of 25% of average final compensation plus an annuity equal to the actuarial equivalent of accumulated contributions.

#### Free Joint & 50% Spousal Benefit

Eligibility

For police and firefighters. Service Retirement or Disability Retirement with at least 25 years of actual Baltimore County Police service or 30 years of actual Baltimore County Fire service. Credit for accumulated unused sick leave, military service or Police Cadet service does *not* count toward the 25 or 30 year requirement, nor does transfer service from within or outside of Baltimore County. This benefit change takes effect with retirements that occur on or after December 31, 2001.

#### SUMMARY OF BENEFIT AND CONTRIBUTION PROVISIONS (Continued)

A Joint & 50% Option (Option 3) with the member's spouse as the designated beneficiary may be elected at retirement at no cost to the member. That is, a member who meets the eligibility requirements and elects this option will receive the maximum monthly pension for his or her lifetime, and upon the member's death the member's spouse will receive one-half of the member's monthly pension for the spouse's remaining lifetime.

# Accidental Death Benefit Eligibility

Amount

Amount

Death as a result of injuries sustained in line of duty.

In lieu of any other benefit, (i) a pension of 66-2/3% of average final compensation in the case of general employees, correctional officers, and deputy sheriffs, and 100% of annual earnable compensation at death in the case of police or firefighters, plus (ii) an annuity which is the actuarial equivalent of accumulated contributions. If no widow, benefit is paid to children until age 18 or if no children to dependent parents.

Other Death Benefit Eligibility

Amount

In lieu of any other benefit, the surviving spouse or minor may elect an allowance of 25% of average final compensation plus an annuity equal to the actuarial equivalent of accumulated contributions.

Ordinary death for police or firefighters after 2 or more years

of service.

Supplementary Benefit Payments Eligibility

At the discretion of the County. For those employees who became members prior to July 1, 1965:

#### SUMMARY OF BENEFIT AND CONTRIBUTION PROVISIONS (Continued)

Amount Supplementary payment not to exceed \$25 a month if member had less than 10 years of service, or \$50 a month if member had 10 or more years of service, but total allowance not to exceed \$100 a month.

Eligibility For those employees who became members on and after July 1, 1965:

Amount to bring normal retirement allowance without option up to \$50 per annum per year of creditable service not in excess of 30 years.

Return of Contributions Upon withdrawal prior to retirement, accumulated contributions are returned. Interest is credited on a member's contributions at the rate of 5% per annum compounded annually.

Termination Benefit Eligibility

Amount

**Optional Allowances** 

Amount

8

5 years of service and member does not elect a refund of his accumulated contributions.

The accrued normal retirement allowance commencing at age 60 for general employees and correctional officers, and at age 55 for members who are police and firefighters.

A member can elect a retirement allowance of equivalent actuarial value in one of the six optional forms described below.

Option 1. Refund of accumulated contributions at retirement less annuity payments.

Option 2. 100% joint and survivorship allowance.

Option 3. 50% joint and survivorship allowance.

EMPLOYEES' RETIREMENT SYSTEM OF BALTIMORE COUNTY

#### SUMMARY OF BENEFIT AND CONTRIBUTION PROVISIONS (Continued)

Option 4. Some other benefit of equivalent actuarial value.

Option 5. 100% joint and survivor allowance, with further provision that in the event the retired member becomes divorced from the designated beneficiary, or if the designated beneficiary predeceases the retired member, the reduced retirement allowance payable to the retired member will increase to the amount that would be payable had no option been chosen.

Option 6. 50% joint and survivor allowance, with further provision that in the event the retired member becomes divorced from the designated beneficiary, or if the designated beneficiary predeceases the retired member, the reduced allowance payable to the retired member will increase to the amount that would be payable had no option been chosen.

#### CONTRIBUTIONS

**By Members** 

General employees who enter the System on or after January 1, 1961, and members who are police, firefighters, correctional officers, or deputy sheriffs, contribute to individual accounts at a rate computed to produce an annuity for a male of 92.35% of 1/120 of the average final compensation for each year of membership service upon retirement at age 60. General employees who became members prior to January 1, 1961 contribute at lower rates. Appointed department heads, as defined in Section 23-36, and other members who satisfy the conditions set forth in Section 23-38(7), pay an additional rate on account of the higher benefit provided to them.

#### SUMMARY OF BENEFIT AND CONTRIBUTION PROVISIONS (Continued)

Effective July 1, 1994, all members who were firefighters on pay schedule V contributed an additional 2.95% of payroll to fund the 1994 retirement window and the improved retirement benefits that become effective January 1, 1999. Effective May 1, 1996 this additional rate was reduced to 1.95%. The County funds the remaining cost.

Effective July 1, 1994, members who were firefighters on pay schedule VIII who elected to receive improved benefits during the 1994 retirement window or after December 31, 1998, contributed an additional 4.75% of payroll. Effective July 1, 1995 this additional rate dropped to 2.95% of payroll, and effective May 1, 1996 it was reduced to 1.95%. The County funds the remaining cost.

Effective July 1, 1988, an additional contribution rate of 1.00% of payroll was payable by all members who were police, in order to provide for the cost of increased benefits. The County funds the remaining cost.

Additional member contributions are payable to the Annuity Savings Fund by members who are general employees, police, correctional officers, and deputy sheriffs, to provide for the cost of determining benefits based on average final compensation during the highest 12 consecutive months. The additional rates are as follows:

#### General AFSCME Members (effective 7/1/92)

Total Increase		Percen		al Increase F embers	ayable by
Normal Cost	Accrued Liability	FY 93	FY 94	FY 95	FY 96+
.50%	.63%	100%	85%	70%	50%

The County funds the remaining cost. Accrued liability contributions end 6/30/2012.

#### SUMMARY OF BENEFIT AND CONTRIBUTION PROVISIONS (Continued)

# General, Correctional and Deputy Sheriff SMC Members (effective 7/1/91)

Total Increase		Percen	tage of Tot	al Increase	Payable by	Members
Normal Cost	Accrued Liability	FY 92	FY 93	FY 94	FY 95	FY 96+
.50%	1.15%	80%	60%	40%	20%	0%

The County funds the remaining cost. Accrued liability contributions end 6/30/2011.

#### General and Deputy Sheriff BCFPE and PSNA Members (effective 7/1/91)

Total Increase		Percent	and the second sec	l Increase P mbers	ayable by
Normal Cost	Accrued Liability	FY 92	FY 93	FY 94	FY 95+
.50%	.63%	100%	85%	70%	50%

The County funds the remaining cost. Accrued liability contributions end 6/30/2011.

#### Correctional BCFPE Members (effective 7/1/91)

Total Increase		Percent	-	l Increase P mbers	ayable by
Normal Cost	Accrued Liability	FY 92	FY 93	FY 94	FY 95+
.60%	.62%	100%	85%	70%	50%

The County funds the remaining cost. Accrued liability contributions end 6/30/2011.

### Police FOP Members (effective 7/1/92)

Total Increase		Percent	· · · · · · · · · · · · · · · · · · ·	l Increase P mbers	ayable by
Normal Cost	Accrued Liability	FY 93	FY 94	FY 95	FY 96+
.91%	1.03%	100%	85%	70%	50%

#### SUMMARY OF BENEFIT AND CONTRIBUTION PROVISIONS (Continued)

The County funds the remaining cost. Accrued liability contributions end 6/30/2012.

#### Police SMC Members (effective 7/1/91)

Total Increase		Percentage of Total Increase Payable by Member						
Normal Cost	Accrued Liability	7/91- 12/91	1/92- 6/92	FY 93	FY 94	FY 95	FY 96+	
.72%	.88%	0%	85%	75%	65%	60%	0%	

The County funds the remaining cost. Accrued liability contributions end 6/30/2011.

By County Supplementary benefits and discontinued service pensions are on a pay-as-you-go basis. All other benefits payable by the County are funded on a reserve basis.

# SPECIAL PROVISIONS FOR MEMBERS ELECTING THE COUNTY COUNCIL OPTION

Eligibility

Service as an elected or appointed councilperson, or County Executive, and election of the County Council option, for which the member makes the required contributions (presently 13.85% of compensation).

#### SUMMARY OF BENEFITS

Service Retirement Allowance	
Eligibility	Completion of 16 years of service or attainment of age 55 with
	4 or more years of service.
Amount	1/20 of average final compensation multiplied by years of service not in excess of 20.

# SUMMARY OF BENEFIT AND CONTRIBUTION PROVISIONS (Continued)

# **Deferred Service Retirement**

Delerred Service Retirement								
Allowance								
Eligibility	Completion of 4 years of service and election to leave accumulated contributions in System.							
Amount	Accrued service retirement allowance commencing at age 55.							
Death Benefit								
Eligibility	Death in service where no spouse's benefit is paid.							
Amount	Refund of accumulated contributions. In addition, if members has 1 or more years of service a lump sum payment of 50% of annual earnable compensation at death.							
Spouse's Benefit								
Eligibility	Ordinary death in service while eligible for normal retirement, or after completion of 15 years of creditable service.							
Amount	Surviving spouse or minor receives the option 2 allowance which would have been payable had member retired just prior to death and elected such option. Spouse may elect ordinary death benefit in lieu of spouse annuity. Minimum benefit of 25% of average final compensation plus an annuity equal to the actuarial equivalent of accumulated contributions.							
Return of Contributions	Upon termination prior to retirement, accumulated contributions are refunded.							
Optional Forms of Benefit	Same as for other members of System.							
CONTRIBUTIONS								
By Members	13.85% of compensation.							
By County	To fund benefits payable by the County on a reserve basis.							

#### SUMMARY OF BENEFIT AND CONTRIBUTION PROVISIONS (Continued)

#### POST RETIREMENT INCREASES IN ALLOWANCE

Post-retirement increases, which are related to the annual increase in the CPI-U as of each December 31, are granted commencing as of the following July 1 to retired members (regardless of the provisions of the System under which they retired) who have been on the retired roll for more than 12 months, provided that there are sufficient excess investment earnings in the Post Retirement Increase Fund to cover the actuarial reserves for such increases. The retirement allowances of eligible retired members are increased by an amount equal to the increase in the CPI-U, not to exceed 4%.

# SUMMARY OF MEMBERSHIP DATA AS OF JUNE 30, 2001

# **ACTIVE MEMBERS**

Item	Total	
Number of Members		
Regular County General	3.	515
County Agency General		484
Police	1;	799
Firefighters	1,0	004
Correctional Officers		226
Total	9,	028
Annual Salaries		
Regular County General	\$ 123,810,9	922
County Agency General	64,442,9	978
Police	81,739,7	776
Firefighters	45,716,5	523
Correctional Officers	7,981,	113
Total	\$ 323,691,3	312
Average Age	1	
Regular County General	4	6.0
County Agency General	2	7.2
Police		6.4
Firefighters		0.4
Correctional Officers	3	9.5
Total	4	3.6
Average Vesting Service		
Regular County General	1	2.1
County Agency General	1	1.3
Police	-1	2.1
Firefighters	1	5.0
Correctional Officers	1	0.0
Total	1	2.1

# SUMMARY OF MEMBERSHIP DATA AS OF JUNE 30, 2001 (Continued)

# ACTIVE GENERAL EMPLOYEES BENEFIT BASIS

Group	Number	Ar	nual Salaries
Full - time Regular County			
1/55 Basis	2,829	\$	103,815,986
1/40 Basis	<u>30</u>		2,480,997
Total	2,859	\$	106,296,983
Part - time Regular County			
1/55 Basis	641	\$	16,543,326
1/40 Basis	7		591,648
Total	648	\$	17,134,974
County Council Option	8	\$	378,965
Total Regular County	3,515	\$	123,810,922
Full - time County Agency			
1/55 Basis	2,046	\$	59,736,771
1/40 Basis	1		108,539
Total	2.047	\$	59,845,310
Part - time County Agency			
1/55 Basis	437	\$	4,597,668
1/40 Basis	Q		Q
Total	437	\$	4,597,668
Total County Agency	2,484	\$	64,442,978
Grand Total	5,999	\$	188,253,900

Page 43

EMPLOYEES' RETIREMENT SYSTEM OF BALTIMORE COUNTY

### SUMMARY OF MEMBERSHIP DATA AS OF JUNE 30, 2001 (Continued)

#### Annual Average Item Number Allowance Allowance Service and Discontinued Service Retirements \$ 27,191,630 14,746 -- Regular County General 1,844 \$ -- County Agency General 1,326 10,419,393 7,858 16,150,677 26,477 -- Police 610 344 35,618 -- Fire 12,252,522 -- Correctional Officers 35 653,006 18,657 4,159 \$ 66,667,228 \$ Subtotal 16,030 **Disability Retirements** 14,774 -- Regular County General 240 \$ 3,545,783 \$ 9.729 178 1,731,747 -- County Agency General 26,391 - Police 355 9,368,818 30,983 -- Fire 114 3,532,067 -- Correctional Officers 141,901 14,190 10 Subtotal 897 \$ 18,320,316 \$ 20,424 **Beneficiaries** -- Regular County General 270 \$ 2,348,505 \$ 8,698 -- County Agency General 154 678,226 4.404 19,169 1,015,972 -- Police 53 23 487,388 21,191 -- Fire -- Correctional Officers 1 5,827 5,827 \$ 4,535,918 \$ 9,054 501 Subtotal Total 2,354 \$ 33,085,918 \$ 14.055 -- Regular County General 7.738 -- County Agency General 1,658 12,829,366 26,066 -- Police 1,018 26,535,467 33,829 481 16,271,977 -- Fire 800,734 17,407 -- Correctional Officers 46 16,110 5,557 \$ 89,523,462 \$ Grand Total

### RETIREES AND BENEFICIARIES

EMPLOYEES' RETIREMENT SYSTEM OF BALTIMORE COUNTY

#### ACTIVE MEMBERSHIP DATA AS OF JUNE 30, 2001 NUMBER AND AVERAGE ANNUAL SALARY

#### **GENERAL EMPLOYEES**

1		SERVICE									
AGE	0 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	40 +	TOTAL	
Under 25	127	I							-	12	
	\$19,686	\$26,347								\$19,73	
25 - 29	197	30	1						-	22	
	\$24,180	\$28,089	\$28,386							\$24,71	
30 - 34	239	109	65	3						41	
	\$27,093	\$32,785	\$32,400	\$27,978						\$29,42	
35 - 39	292	124	227	93	10					74	
	\$22,566	\$31,600	\$34,414	\$33,990	\$37,607					\$29,29	
40 - 44	300	162	246	190	156	19				1,07	
	\$23,669	\$30,286	\$35,118	\$38,049	\$38,209	\$38,974				\$32,22	
45 - 49	285	157	207	198	195	136	10			1,18	
	\$24,595	\$29,185	\$33,331	\$36,840	\$42,751	\$41,800	\$44,973			\$33,88	
50 - 54	224	138	174	142	151	109	42	4	10 million (	984	
	\$27,089	\$29,417	\$30,628	\$34,057	\$39,967	\$45,383	\$46,788	\$47,591		\$33,97	
55 - 59	155	99	159	117	113	67	29	12		75:	
	\$23,886	\$28,251	\$32,273	\$32,058	\$35,276	\$40,675	\$45,280	\$47,088	\$43,649	\$31,981	
60 - 64	40	54	66	63	60	41	18	3		34:	
	\$26,574	\$27,873	\$27,859	\$31,698	\$35,617	\$29,004	\$31,802	\$43,029		\$30,230	
Over 64	18	24	30	23	19		9	1		130	
	\$15,601	\$16,636	\$25,135	\$23,941	\$28,641	\$25,932	\$31,931	\$29,630		\$23,21	
TOTAL	1,877	898	1,175	829	704	384	108	20	4	5,999	
	\$24,269		\$32,799		\$38,886	\$40,619	\$42,479	\$45,707	\$43,649	\$31,38	

EMPLOYEES' RETIREMENT SYSTEM OF BALTIMORE COUNTY

BUCK CONSULTANTS

#### ACTIVE MEMBERSHIP DATA AS OF JUNE 30, 2001 NUMBER AND AVERAGE ANNUAL SALARY (Continued)

### **REGULAR COUNTY GENERAL EMPLOYEES**

		SERVICE								
AGE	0 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	40 +	TOTAL
Under 25	72	ī								73
	\$20,664	\$26,347								\$20,742
25 - 29	129	11	1							14
	\$26,847	\$28,913	\$28,386							\$27,019
30 - 34	158	64	42	2						266
	\$29,992	\$35,767	\$33,561	\$29,268						\$31,939
35 - 39	147	74	169	50	3					443
	\$26,537	\$34,982	\$36,695	\$35,661	\$33,082					\$32,897
40 - 44	153	74	181	140	79	12				639
	\$28,718	\$32,675	\$37,147	\$39,501	\$40,804	\$43,117				\$35,691
45 - 49	164	75	136	144	130	75	6			730
	\$28,132	\$35,783	\$35,906	\$39,212	\$45,674	\$45,587	\$44,869			\$37,607
50 - 54	126	51	108	85	105	88	29	2		594
100	\$32,246	\$33,986	\$33,194	\$39,379	\$43,262	\$47,349	\$50,268	\$55,690	-	\$38,732
55 - 59	74	45	93	61	60	31		7	1	389
1.5	\$29,781	\$32,381	\$34,451	\$38,219	\$41,516	\$53,789	\$53,748	\$49,633	\$44,751	\$37,688
60 - 64	24	19	47	32	30	13	6	2		173
	\$29,184	\$30,343	\$29,159	\$37,067	\$40,434	\$28,086	\$36,110	\$50,650		\$33,119
OVER 64	5		17					1		67
	\$24,024	\$17,422	\$24,544	\$27,928	\$31,175	\$30,613	\$31,069	\$29,630		\$26,289
TOTAL	1,052	424	794	525	417	225	65	12	1	3,515
				\$38,457						\$35,224

#### ACTIVE MEMBERSHIP DATA AS OF JUNE 30, 2001 NUMBER AND AVERAGE ANNUAL SALARY (Continued)

#### COUNTY AGENCY GENERAL EMPLOYEES

					SERVICE				-	
AGE	0 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	40 +	TOTAL
Under 25	55									55
	\$18,406									\$18,400
25 - 29	68	19								87
	\$19,119	\$27,612								\$20,974
30 - 34	81	45	23	1						150
	\$21,438	\$28,545	\$30,280	\$25,398						\$24,952
35 - 39	145	50	58	43	7					303
	\$18,541	\$26,596	\$27,766	\$32,047	\$39,546					\$24,038
40 - 44	147	88	65	50	77	7				434
	\$18,414	\$28,278	\$29,466	\$33,984	\$35,546	\$31,873				\$27,120
45 - 49	121	82	71	54	65	61	4			458
	\$19,801	\$23,152		\$30,516	\$36,907	\$37,144	\$45,128			\$27,956
50 - 54	98	87	66	57	46	21	13	2		390
	\$20,460	\$26,739	\$26,430	\$26,121	\$32,445	\$37,141	\$39,025	\$39,492		\$26,726
55 - 59	81	54	66	56	53	36	12	5	3	360
	\$18,500	\$24,810	\$29,205	\$25,346	\$28,212	\$29,383	\$33,283	\$43,526	\$43,282	\$25,915
60 - 64	16	35	19	31	30	28	12	1		172
	\$22,658	\$26,532	\$24,644	\$26,156	\$30,801	\$29,430	\$29,648	\$27,787		\$27,336
Over 64	13	14	13	12	9	6	2			69
	\$12,362		\$25,908		\$25,826	\$21,251	\$34,948			\$20,229
TOTAL	825	474	381	304	287	159	43	8	3	2,484
	\$19,233	\$26,045	\$28,124	\$28,661	\$33,299	\$33,196	\$35,184	\$40,550	\$43,282	\$25,943

#### ACTIVE MEMBERSHIP DATA AS OF JUNE 30, 2001 NUMBER AND AVERAGE ANNUAL SALARY (Continued)

### POLICE

					SERVICE					
AGE	0 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	40 +	TOTAL
Under 25	157	11								168
1.11	\$25,833	\$36,810								\$26,552
25 - 29	168	134	2							304
	\$33,294	\$39,972	\$52,521							\$36,364
30-34	79	162	94	11						340
	\$33,700	\$41,571	\$48,332	\$50,998						\$41,911
35 - 39	20	47	189	133	3					392
	\$32,877	\$41,965	\$49,640	\$52,310	\$55,428					\$48,815
40 - 44	11	8	48	111	84	7				269
	\$34,738	\$41,768	\$47,998	\$53,375	\$57,453	\$65,925				\$52,908
45 - 49	6	8	13	32	53	77	9			198
	\$38,172	\$43,401	\$47,340	\$51,681	\$56,224	\$62,961	\$69,423			\$57,061
50 - 54	4	3	2	13	11	40	23	1		97
	\$36,736	\$47,607	\$49,320	\$53,051	\$54,104	\$59,587	\$62,653	\$76,662		\$57,468
55 - 59	1				2	6	9	6		24
	\$14,530				\$56,399	\$55,525	\$64,668	\$60,653		\$58,600
60 - 64								1		1
								\$76,716		\$76,716
Over 64										
TOTAL	446 \$30,811	373 \$40,998	348 \$48,989	300 \$52,621	153 \$56,733		41 \$64,581	8 \$64,662		1,799 \$45,436

EMPLOYEES' RETIREMENT SYSTEM OF BALTIMORE COUNTY

#### ACTIVE MEMBERSHIP DATA AS OF JUNE 30, 2001 NUMBER AND AVERAGE ANNUAL SALARY (Continued)

# FIREFIGHTERS

					SERVICE					
AGE	0 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	40 +	TOTAL
Under 25	42 \$27,826									42 \$27,826
25 - 29	62 \$28,828	17 \$38,842	1 \$40,776							80 \$31,105
30 - 34	36 \$29,156	35 \$39,647	55 \$44,576	1 \$42,795						127 \$38,833
35 - 39	21 \$29,296	12 \$40,094	102 \$44,052	97 \$48,106	3 \$50,014					235 \$44,281
40 - 44	7 \$28,796	9 \$41,938	49 \$44,585	97 \$49,700	51 \$56,547	1 \$46,792				214 \$49,137
45 - 49	3 \$30,680	4 \$41,675	21 \$45,452	48 \$47,398	55 \$57,566	34 \$58,707				166 \$52,468
50 - 54			10 \$45,270	10 \$45,781	25 \$50,789	47 \$56,950	12 \$59,500			104 \$53,566
55 - 59				1 \$42,639	2 \$45,723	10 \$51,869		5 \$58,968		31 \$54,495
60 - 64				1 \$42,640		1 \$46,790	1 \$51,394	1 \$51,394		4 \$48,055
Over 64		1 \$44,361								1 \$44,361
TOTAL				255 \$48,424						1,004 \$45,534

EMPLOYEES' RETIREMENT SYSTEM OF BALTIMORE COUNTY

BUCK CONSULTANTS

#### ACTIVE MEMBERSHIP DATA AS OF JUNE 30, 2001 NUMBER AND A VERAGE ANNUAL SALARY (Continued)

#### CORRECTIONAL OFFICERS

					SERVICE					
AGE	0 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	40 +	TOTAL
Under 25	1 \$23,562									\$23,56
25 - 29	14 \$28,866	11 \$32,700								2: \$30,55
30 - 34	19 \$27,379	23 \$34,553	5 \$35,830							4 <sup>-</sup> \$31,789
35 - 39	10 \$28,826		17 \$36,883	4 \$43,165	1 \$42,410					5 \$34,983
40 - 44		12 \$33,796		18 \$39,847						4 \$37,66
45 - 49	5 \$30,906	4 \$33,727		7 \$38,006	9 \$46,809					30 \$38,579
50 - 54	2 \$27,163			6 \$41,907	3 \$46,389		1 \$47,900			20 \$38,511
55 - 59				2 \$43,802	1 \$44,621					\$44,07
60 - 64					1 \$48,277					\$42,63
Over 64										
TOTAL	56 \$28,432		37 \$36,889	38 \$40,315			1 \$47,900			220 \$35,315

EMPLOYEES' RETIREMENT SYSTEM OF BALTIMORE COUNTY

BUCK CONSULTANTS

#### ACTIVE MEMBERSHIP DATA AS OF JUNE 30, 2001 NUMBER AND AVERAGE ANNUAL SALARY (Continued)

### ALL GROUPS

					SERVICE					
AGE	0 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	40 +	TOTAL
Under 25	327	12								339
	\$23,694	\$35,938								\$24,12
25 - 29	441	192	4							63
	\$28,454	\$37,598	\$43,551							\$31,30
30 - 34	373	329	219	15						93
	\$28,706	\$37,965	\$42,375	\$45,847						\$35,433
35 - 39	343	202	535	327	17					1,424
	\$23,762	\$34,781	\$41,709	\$45,741	\$43,224					\$37,34
40 - 44	323	191	350	416	296	27				1,60
	\$24,246	\$31,537	\$38,276	\$44,933	\$46,966	\$46,251				\$38,11
45 - 49	299	173	246	285	312	247	20			1,58
	\$25,034	\$30,237	\$35,163	\$40,313	\$47,769	\$50,724	\$56,685			\$38,82
50 - 54	230	146	189	171	190	196	78	5		1,20
	\$27,258	\$29,937	\$31,692	\$36,462	\$42,311	\$51,055	\$53,436	\$53,405		\$37,63
55 - 59	156	99	159	120	118	83	51	23	4	813
	\$23,826	\$28,251	\$32,273	\$32,342	\$35,890	\$43,097	\$51,703	\$53,209	\$43,649	\$33,670
60 - 64	40	54	66	65	61	42	19	5		35
	\$26,574	\$27,873	\$27,859	\$31,948	\$35,825	\$29,427	\$32,833	\$51,439		\$30,64
Over 64	18	25	30	23	19	12	9	1		13
	\$15,601	\$17,745	\$25,135	\$23,941	\$28,641	\$25,932	\$31,931	\$29,630	all the	\$23,36
TOTAL	2,550	1,423	1,798	1,422	1,013	607	177	34	4	9,02
	\$25,804	\$33,406	\$37,558	\$41,188	\$43,972	\$47,625	\$49,999	\$52,284	\$43,649	\$35,854

EMPLOYEES' RETIREMENT SYSTEM OF BALTIMORE COUNTY

BUCK CONSULTANTS

# SCHEDULE OF ACTIVE MEMBER VALUATION DATA

Valuation as of June 30	Number of Active Members	Valuation Payroll	Average Salary	Percent Increase (Decrease)	CPI % Increase
2001	5,999	\$ 188,253,900	\$ 31,381	1.5%	3.2%
2000	5,938	183,520,218	30,906	7.5%	3.7%
1999	5,847	168,148,206	28,758	4.2%	2.0%
1998	5,809	160,298,745	27,595	4.1%	1.7%
1997	5,761	152,748,208	26,514	1.2%	2.3%
1996	5,706	149,489,934	26,199	0.6%	2.8%
1995	6,094	158,638,741	26,032	6.1%	3.0%
1994	6,110	149,920,562	24,537	1.3%	2.5%
1993	6,123	148,307,506	24,221	-1.9%	3.0%
1992	6,361	157,029,157	24,686	0.8%	3.1%

#### GENERAL EMPLOYEES

Valuation as of June 30	Number of Active Members	Valuation Payroll	Average Salary	Percent Increase (Decrease)	CPI % Increase
2001	1,799	\$ 81,739,776	\$ 45,436	8.2%	3.2%
2000	1,777	74,594,530	41,978	9.8%	3.7%
1999	1,712	65,427,248	38,217	2.8%	2.0%
1998	1,665	61,880,233	37,165	3.2%	1.7%
1997	1,627	58,598,679	36,016	2.6%	2.3%
1996	1,562	54,812,005	35,091	-3.8%	2.8%
1995	1,518	55,358,661	36,468	7.8%	3.0%
1994	1,476	49,927,732	33,826	-2.6%	2.5%
1993	1,395	48,462,567	34,740	2.8%	3.0%
1992	1,441	48,678,634	33,781	0.7%	3.1%

# POLICE

# SCHEDULE OF ACTIVE MEMBER VALUATION DATA (Continued)

# FIREFIGHTERS

Valuation as of June 30	Number of Active Members	Valuation Payroll	Average Salary	Percent Increase (Decrease)	CPI % Increase
2001	1,004	\$ 45,716,523	\$ 45,534	5.1%	3.2%
2000	987	42,753,238	43,316	5.1%	3.7%
1999	1,009	41,600,617	41,230	-0.5%	2.0%
1998	1,002	41,537,511	41,455	1.7%	1.7%
1997	1,013	41,294,241	40,764	0.7%	2.3%
1996	992	40,164,569	40,488	-0.9%	2.8%
1995	1,000	40,868,637	40,869	6.1%	3.0%
1994	1,062	40,923,641	38,535	2.2%	2.5%
1993	1,081	40,744,403	37,691	3.0%	3.0%
1992	1,057	38,675,550	36,590	1.7%	3.1%

#### CORRECTIONAL OFFICERS

Valuation as of June 30	Number of Active Members	Valuation Payroll	Average Salary	Percent Increase (Decrease)	CPI % Increase
2001	226	\$ 7,981,113	\$ 35,315	1.3%	3.2%
2000	229	7,983,804	34,864	10.5%	3.7%
1999	232	7,319,978	31,552	2.6%	2.0%
1998	226	6,950,622	30,755	0.1%	1.7%
1997	231	7,094,542	30,712	1.9%	2.3%
1996	232	6,994,279	30,148	0.8%	2.8%
1995	223	6,666,392	29,894	4.2%	3.0%
1994	216	6,199,052	28,699	0.1%	2.5%
1993	198	5,677,917	28,676	2.6%	3.0%
1992	182	5,086,294	27,947	1.3%	3.1%

# SCHEDULE OF ACTIVE MEMBER VALUATION DATA (Continued)

### ALL GROUPS

Valuation as of June 30	Number of Active Members	Valuation Payroll	Average Salary	Percent Increase (Decrease)	CPI % Increase
2001	9,028	\$ 323,691,312	\$ 35,854	3.7%	3.2%
2000	8,931	308,851,790	34,582	7.7%	3.7%
1999	8,800	282,496,049	32,102	3.2%	2.0%
1998	8,702	270,667,111	31,104	3.4%	1.7%
1997	8,632	259,735,670	30,090	1.6%	2.3%
1996	8,492	251,460,787	29,611	0.0%	2.8%
1995	8,835	261,532,431	29,602	6.2%	3.0%
1994	8,864	246,970,987	27,862	0.8%	2.5%
1993	8,797	243,192,393	27,645	0.2%	3.0%
1992	9,041	249,469,635	27,593	0.7%	3.1%

# EXHIBIT III - A

# RETIREE AND BENEFICIARY MEMBERSHIP DATA AS OF JUNE 30, 2001

# NUMBER AND AVERAGE ANNUAL ALLOWANCE

Age Last Birthday	Number	Annual Allowance	Average Annual Allowance
Service and Discontinued Service Retirements			
Under 60	285	\$ 6,458,028	\$ 22,660
60 - 64	296	4,746,150	16,034
65 - 69	331	4,658,934	14,075
70 - 74	352	4,926,579	13,996
75 - 79	308	3,879,424	12,596
Over 79	272	2,522,515	9,274
Total	1,844	\$ 27,191,630	\$ 14,746
Disability Retirements			
Under 60	141	\$ 2,058,457	\$ 14,599
60 - 64	40	613,663	15,342
65 - 69	27	447,008	16,556
70 - 74	21	296,000	14,095
75 - 79	11	130,655	11,878
Over 79	0	0	0
Total	240	\$ 3,545,783	\$ 14,774
Beneficiaries			1
Under 60	36	\$ 382,137	\$ 10,615
60 - 64	24	217,355	9,056
65 - 69	36	427,488	11,875
70 - 74	48	438,999	9,146
75 - 79	44	398,237	9,051
Over 79	82	484,289	5,906
Total	270	\$ 2,348,505	\$ 8,698
Grand Total	2,354	\$ 33,085,918	\$ 14,055

# **REGULAR COUNTY GENERAL EMPLOYEES**

EMPLOYEES' RETIREMENT SYSTEM OF BALTIMORE COUNTY

BUCK CONSULTANTS

# EXHIBIT III - B

# RETIREE AND BENEFICIARY MEMBERSHIP DATA AS OF JUNE 30, 2001

# NUMBER AND AVERAGE ANNUAL ALLOWANCE (Continued)

### COUNTY AGENCY GENERAL EMPLOYEES

Age Last Birthday	Number	Annual Allowance		rage Annua llowance
Service and Discontinued Service Retirements				
Under 60	45	\$ 861,092	\$	19,135
60 - 64	144	1,600,328	1	11,113
65 - 69	296	2,595,446	1	8,768
70 - 74	327	2,479,370		7,582
75 - 79	280	1,775,616		6,341
Over 79	234	1,107,541		4,733
Total	1,326	\$ 10,419,393	\$	7,858
Disability Retirements				
Under 60	67	\$ 817,821	s	12,206
60 - 64	34	296,531		8,722
65 - 69	42	323,648		7,706
70 - 74	20	187,849		9,392
75 - 79	11	81,608		7,419
Over 79	4	24,290		6,073
Total	178	\$ 1,731,747	\$	9,729
Beneficiaries				
Under 60	8	\$ 40,605	\$	5,076
60 - 64	10	57,606	1.	5,761
65 - 69	23	135,803		5,904
70 - 74	22	120,853		5,493
75 - 79	43	180,233		4,191
Over 79	48	143,126		2,982
Total	154	\$ 678,226	\$	4,404
Grand Total	1,658	\$ 12,829,366	\$	7,738

EMPLOYEES' RETIREMENT SYSTEM OF BALTIMORE COUNTY

# EXHIBIT III

# RETIREE AND BENEFICIARY MEMBERSHIP DATA AS OF JUNE 30, 2001

### NUMBER AND AVERAGE ANNUAL ALLOWANCE (Continued)

#### **GENERAL EMPLOYEES**

Age Last Birthday	Number	Annual Allowance	Average Annua Allowance		
Service and Discontinued Service Retirements					
Under 60	330	\$ 7,319,120	\$ 22,179		
60 - 64	440	6,346,478	14,424		
65 - 69	627	7,254,380	11,570		
70 - 74	679	7,405,949	10,907		
75 - 79	588	5,655,040	9,617		
Over 79	506	3,630,056	7,174		
Total	3,170	\$ 37,611,023	\$ 11,865		
Disability Retirements					
Under 60	208	\$ 2,876,278	\$ 13,828		
60 - 64	74	910,194	12,300		
65 - 69	69	770,656	11,169		
70 - 74	41	483,849	11,801		
75 - 79	22	212,263	9,648		
Over 79	4	24,290	6,073		
Total	418	\$ 5,277,530	\$ 12,626		
Beneficiaries					
Under 60	44	\$ 422,742	\$ 9,608		
60 - 64	34	274,961	8,087		
65 - 69	59	563,291	9,547		
70 - 74	70	559,852	7,998		
75 - 79	87	578,470	6,649		
Over 79	130	627,415	4,826		
Total	424	\$ 3,026,731	\$ 7,139		
Grand Total	4,012	\$ 45,915,284	\$ 11,444		

EMPLOYEES' RETIREMENT SYSTEM OF BALTIMORE COUNTY

BUCK CONSULTANTS

# Page 58

# EXHIBIT III

# RETIREE AND BENEFICIARY MEMBERSHIP DATA AS OF JUNE 30, 2001

# NUMBER AND AVERAGE ANNUAL ALLOWANCE (Continued)

### POLICE

Age Last Birthday	Number	Annual Allowance	Average Annual Allowance		
Service and Discontinued Service Retirements					
Under 60	463	\$ 12,539,390	\$ 27,083		
60 - 64	84	2,283,111	27,180		
65 - 69	33	746,833	22,631		
70 - 74	26	523,982	20,153		
75 - 79	4	57,361	14,340		
Over 79	0	0	0		
Total	610	\$ 16,150,677	\$ 26,477		
Disability Retirements					
Under 60	271	\$ 7,017,408	\$ 25,894		
60 - 64	45	1,287,896	28,620		
65 - 69	24	663,738	27,656		
70 - 74	13	384,462	29,574		
75 - 79	2	15,314	7,657		
Over 79	0	0	0		
Total	355	\$ 9,368,818	\$ 26,391		
Beneficiaries					
Under 60	31	\$ 630,058	\$ 20,324		
60 - 64	9	187,851	20,872		
65 - 69	4	59,872	14,968		
70 - 74	3	57,400	19,133		
75 - 79	4	73,495	18,374		
Over 79	2	7,296	3,648		
Total	53	\$ 1,015,972	\$ 19,169		
Grand Total	1,018	\$ 26,535,467	\$ 26,066		

# Page 59

# EXHIBIT III

# RETIREE AND BENEFICIARY MEMBERSHIP DATA AS OF JUNE 30, 2001

### NUMBER AND AVERAGE ANNUAL ALLOWANCE (Continued)

#### FIREFIGHTERS

Age Last Birthday	Number	Annual Allowance	Average Annua Allowance
Service and Discontinued Service Retirements			
Under 60	169	\$ 6,468,172	\$ 38,273
60 - 64	122	4,315,548	35,373
65 - 69	36	1,044,537	29,015
70 - 74	15	380,741	25,383
75 - 79	2	43,524	21,762
Over 79	0	0	0
Total	344	\$ 12,252,522	\$ 35,618
Disability Retirements			
Under 60	82	\$ 2,447,167	\$ 29,844
60 - 64	19	709,279	37,330
65 - 69	11	330,281	30,026
70 - 74	2	45,340	22,670
75 - 79	0	0	0
Over 79	0	0	0
Total	114	\$ 3,532,067	\$ 30,983
Beneficiaries			
Under 60	14	\$ 247,816	\$ 17,701
60 - 64	5	133,439	26,688
65 - 69	3	77,318	25,773
70 - 74	.1	28,815	28,815
75 - 79	0	0	0
Over 79	0	0	0
Total	23	\$ 487,388	\$ 21,191
Grand Total	481	\$ 16,271,977	\$ 33,829

# Page 60

# EXHIBIT III

# RETIREE AND BENEFICIARY MEMBERSHIP DATA AS OF JUNE 30, 2001

#### NUMBER AND AVERAGE ANNUAL ALLOWANCE (Continued)

### CORRECTIONAL OFFICERS

Age Last Birthday	Number		Annual Allowance		erage Annua Allowance
Service and Discontinued Service Retirements					
Under 60	24	\$	492,930	\$	20,539
60 - 64	4		73,960	100	18,490
65 - 69	3		31,652	1	10,551
70 - 74	4		54,464		13,616
75 - 79	0	34	0	10.5	0
Over 79	0		0		0
Total	35	\$	653,006	\$	18,657
Disability Retirements		1			
Under 60	10	s	141,901	\$	14.190
60 - 64	0		0		0
65 - 69	0	1	0		0
70 - 74	0	84	0	1	0
75 - 79	0		0	1	0
Over 79	0		0	1	0
Total	10	\$	141,901	\$	14,190
Beneficiaries					
Under 60	1	\$	5,827	\$	5,827
60 - 64	0	1	0	1000	0
65 - 69	0		0		0
70 - 74	0		0		0
75 - 79	0		0	1	0
Over 79	0	1	0		0
Total	1	\$	5,827	\$	5,827
Grand Total	46	\$	800,734	\$	17,407

# EXHIBIT III

# RETIREE AND BENEFICIARY MEMBERSHIP DATA AS OF JUNE 30, 2001

### NUMBER AND AVERAGE ANNUAL ALLOWANCE (Continued)

Age Last Birthday	Number	Annual Allowance	Average Annual Allowance		
Service and Discontinued Service Retirements					
Under 60	986	\$ 26,819,612	\$	27,200	
60 - 64	650	13,019,097		20,029	
65 - 69	699	9,077,402	10.0	12,986	
70 - 74	724	8,365,136		11,554	
75 - 79	594	5,755,925	10	9,690	
Over 79	506	3,630,056		7,174	
Total	4,159	\$ 66,667,228	\$	16,030	
Disability Retirements					
Under 60	571	\$ 12,482,754	\$	21,861	
60 - 64	138	2,907,369	1	21,068	
65 - 69	104	1,764,675		16,968	
70 - 74	56	913,651	1	16,315	
75 - 79	24	227,577		9,482	
Over 79	4	24,290		6,073	
Total	897	\$ 18,320,316	\$	20,424	
Beneficiaries					
Under 60	90	\$ 1,306,443	\$	14,516	
60 - 64	48	596,251		12,422	
65 - 69	66	700,481		10,613	
70 - 74	74	646,067		8,731	
75 - 79	91	651,965		7,164	
Over 79	132	634,711		4,808	
Total	501	\$ 4,535,918	\$	9,054	
Grand Total	5,557	\$ 89,523,462	\$	16,110	

# TOTAL ALL GROUPS

EMPLOYEES' RETIREMENT SYSTEM OF BALTIMORE COUNTY

# SCHEDULE OF RETIREE DATA

Addec	to Rolls	Removed from Rolls		Rolls - End of Year		Percent Increase	Average	
as of June 30	Number	Annual Allowances	Number	Annual Allowances	Number	Annual Allowances	in Annual Allowances	Annual Allowances
2001	243	6,596,023	146	1,494,710	5,056	84,987,544	6.4%	16,809
2000	262	6,123,358	135	1,357,132	4,959	79,886,231	6.3%	16,109
1999	204	4,946,501	108	888,864	4,832	75,120,005	5.7%	15,546
1998	157	4,957,724	91	1,189,836	4,736	71,062,368	5.6%	15,005
1997	131	3,390,934	79	1,039,896	4,670	67,294,480	3.6%	14,410
1996	453	9,679,537	87	931,045	4,618	64,943,442	15.6%	14,063

#### SCHEDULE OF BENEFICIARY DATA

Valuation	Added		Removed from Rolls		Rolls - E	nd of Year	Percent Increase	Average
as of June 30	Number	Annual Allowances	Number	Annual Allowances	Number	Annual Allowances	in Annual Allowances	Annual Allowances
2001	37	419,643	32	494,356	501	4,535,918	-1.6%	9,054
2000	29	563,656	24	179,812	496	4,610,631	9.1%	9,296
1999	36	493,191	41	278,052	491	4,226,787	5.4%	8,609
1998	35	461,138	26	125,988	496	4,011,648	9.1%	8,088
1997	43	436,423	15	72,552	487	3,676,498	11.0%	7,549
1996	32	302,386	21	104,123	459	3,312,627	6.4%	7,217

#### SCHEDULE OF RETIREE AND BENEFICIARY DATA

Valuation	Addec	to rolls	Removed from Rolls		Rolls - E	nd of Year	Percent Increase	Average
as of June 30	Number	Annual Allowances	Number	Annual Allowances	Number	Annual Allowances	in Annual Allowances	Annual Allowances
2001	280	7,015,666	178	1,989,066	5,557	89,523,462	5.9%	16,110
2000	291	6,687,014	159	1,536,944	5,455	84,496,862	6.5%	15,490
1999	240	5,439,692	149	1,166,916	5,323	79,346,792	5.7%	14,906
1998	192	5,418,862	117	1,315,824	5,232	75,074,016	5.8%	14,349
1997	174	3,827,357	94	1,112,448	5,157	70,970,978	4.0%	13,762
1996	485	9,981,923	108	1,035,168	5,077	68,256,069	15.1%	13,444

### EXHIBIT V

# RETIREES AND BENEFICIARIES IN PAY STATUS AS OF JUNE 30, 2001

#### DISTRIBUTION OF MEMBERS BY TYPE OF RETIREMENT

Amount of	Number of		Type of Retire			ement			
Monthly Benefit	Retirees	1	2	3	4	5	6		
Deferred	220						220		
\$ 1 - \$ 300	727	572	141		11	3			
\$ 301 - \$ 600	1,011	753	152		102	4			
\$ 601 - \$ 900	740	564	72	3	96	5			
\$ 901 - \$ 1,200	546	383	50	45	46	22			
\$ 1,201 - \$ 1,500	481	305	31	49	38	58			
\$ 1,501 - \$ 1,800	418	248	12	46	43	69			
\$ 1,801 - \$ 2,100	404	252	12	28	12	100			
\$ 2,101 - \$ 2,400	333	187	6	41	11	88			
\$ 2,401 - \$ 2,700	260	165	6	23	2	64			
\$ 2,701 - \$ 3,000	202	133	5	6	2	56			
Over \$3,000	435	<u>333</u>	14	23	3	<u>62</u>			
Totals	5,777	3,895	501	264	366	531	220		

#### **Type of Retirement**

- 1 = Normal retirement for age and/or service
- 2 = Survivor payment normal, early or disability retirement
- 3 = Discontinued service retirement
- 4 = Ordinary disability retirement
- 5 = Accidental disability retirement
- 6 = Deferred future benefits

#### RETIREES AND BENEFICIARIES IN PAY STATUS AS OF JUNE 30, 2001

#### DISTRIBUTION OF MEMBERS BY OPTION SELECTED

Amount of	Number of				Option S	Selected			
Monthly Benefit	Retirees	М	1	2	3	4	5	6	7
Deferred	220								220
\$ 1 - \$ 300	727	398	217	30	26		28	28	
\$ 301 - \$ 600	1,011	472	358	46	56	1	26	53	
\$ 601 - \$ 900	740	341	258	13	51	1	25	51	
\$ 901 - \$ 1,200	546	218	169	25	47	5	20	62	
\$ 1,201 - \$ 1,500	481	226	115	18	43	8	22	49	
\$ 1,501 - \$ 1,800	418	223	84	18	30	11	11	41	
\$ 1,801 - \$ 2,100	404	234	72	8	22	24	9	35	
\$ 2,101 - \$ 2,400	333	204	35	5	18	21	8	42	
\$ 2,401 - \$ 2,700	260	144	35	8	13	31	5	24	
\$ 2,701 - \$ 3,000	202	116	27		6	28	2	23	
Over \$3,000	435	203	59	4	16	106	4	43	
Totals	5,777	2,779	1,429	175	328	235	160	451	220

#### **Option Selected**

- M = Maximum. At member's death, all payments cease. Surviving beneficiary will receive pro-rated payment for number of days in final month.
- Guarantees the return of the member's accumulated contributions and interest less the member's accumulated reserves already paid.
- 2 = Guarantees the same payment to the designated beneficiary for their lifetime.
- 3 = Guarantees one-half the member's payment to the designated beneficiary for their lifetime.
- 4 = Special option calculation performed by actuary.
- 5 = Guarantees same payment to beneficiary, unless beneficiary divorces or predeceases member. Allowance then pops-up to maximum.
- 6 = Guarantees one-half payment to beneficiary, unless beneficiary divorces or predeceases member. Allowance then pops-up to maximum.
- 7 = Deferred future benefits.

# EXHIBIT VII

# DETAILED TABULATIONS OF THE DATA

EMPLOYEES' RETIREMENT SYSTEM OF BALTIMORE COUNTY

# THE NUMBER AND ANNUAL COMPENSATION OF FULL-TIME MEMBERS DISTRIBUTED BY AGE AS OF JUNE 30, 2001

#### GENERAL EMPLOYEES

1.1		MALES		FEMALES
AGE	NUMBER	SALARIES	NUMBER	SALARIES
18	1	\$ 10,680		
19	8	126,420	1	\$ 21,505
20	11	190,618	3	61,508
21	3	37,356	3	72,902
22	9	196,357	4	79,353
23	19	393,671	11	279,605
24	10	259,248	9	232,249
25	19	444,734	15	374,839
26	22	527,176	13	306,107
27	18	454,343	7	198,700
28	22	608,211	15	439,709
29	29	845,921	19	488,137
30	30	895,758	31	1,396,315
31	40	1,184,031	30	766,109
32	24	801,496	27	769,431
33	44	1,391,512	29	833,583
34	44	1,304,240	36	1,100,374
35	65	2,144,561	43	1,347,512
36	72	2,345,870	56	1,606,735
37	69	2,164,266	58	1,785,488
38	78	2,637,356	53	1,522,763
39	67	2,262,092	59	1,746,687
40	98	3,338,763	60	2,005,508
41	95	3,335,243	64	2,117,522
42	97	3,424,979	66	1,980,605
43	136	5,105,066	79	2,716,264
44	117	4,034,034	99	3,360,300
45	106	3,893,754	84	2,737,606
46	143	5,337,617	80	2,645,034
47	112	4,370,724	77	2,514,933
48	129	5,181,222	79	2,603,056
49	113	4,321,758	73	2,437,015
50	100	3,784,603	69	2,184,631
51	99	3,833,083	63	2,023,546
52	105	4,192,778	70	2,340,447
53	88	3,352,717	56	1,801,061
54	95	3,660,481	75	2,581,625
55	69	2,656,120	65	2,050,141
56	61	2,251,023	65	2,032,430
57	38	1,588,365	58	1,918,863
58	63	2,207,549	76	2,411,540
59	55	1,941,942	61	2,111,529

### THE NUMBER AND ANNUAL COMPENSATION OF FULL-TIME MEMBERS DISTRIBUTED BY AGE AS OF JUNE 30, 2001

		MAL	ES		FEMA	LES
AGE	NUMBER		SALARIES	NUMBER	SALARIES	
60	45	\$	1,515,586	41	\$	1,311,654
61	42	107	1,392,782	37		1,186,980
62	24		812,952	28		944,707
63	16		543,269	16		570,354
64	14		431,178	13		421,772
65	3		104,811	12		350,643
66	5		106,250	6	1	169,449
67	8		260,220	5		156,980
68	1		29,640	3		85,896
69	5		144,173	5	1	194,926
70	3		173,294	1.1.1.1	1	
71	2 4		68,513	1		45,248
72	4		111,975	2		72,434
74	2		43,280			
75	1		50,408	1		31,686
76				2		56,152
77				1		20,496
78	2		72,545			
TOTAL	2,800	\$	98,898,614	2,114	\$	67,622,644

#### GENERAL EMPLOYEES

#### TABLE 1A

### THE NUMBER AND ANNUAL COMPENSATION OF FULL-TIME MEMBERS DISTRIBUTED BY AGE AS OF JUNE 30, 2001

#### REGULAR COUNTY GENERAL EMPLOYEES

AGE	MALES			FEMALES	
	NUMBER	SALARIES	NUMBER	SALARIES	
19	1	\$ 18,556	1	\$ 21,505	
20	3	56,723	3	61,508	
21	1	11,961	3	72,902	
22	4	79,988	1	24,830	
23	8	161,649	8	199,805	
24	3	82,923	8	190,715	
25	8	203,417	11	287,174	
26	8	220,621	11	274,484	
27	10	271,146	5	121,975	
28	15	475,674	11	338,980	
29	15	467,920	12	330,889	
30	15	486,163	25	1,191,292	
31	21	618,438	21	605,985	
32	17	556,422	17	533,815	
33	26	842,579	18	551,749	
34	23	762,921	22	755,380	
35	38	1,315,368	31	1,011,735	
36	44	1,539,990	40	1,246,212	
37	36	1,153,300	38	1,338,340	
38	42	1,560,363	30	906,735	
39	41	1,498,926	38	1,230,798	
40	64	2,254,689	38	1,346,574	
41	57	2,099,032	40	1,521,161	
42	52	1,981,466	37	1,318,627	
43	80	3,119,894	51	1,955,864	
44	69	2,562,410	56	2,138,591	
45	65	2,565,194	55	1,967,453	
46	86	3,284,216	49	1,784,549	
47	70	3,048,812	41	1,550,402	
48	84	3,700,718	48	1,752,246	
49	73	2,945,911	40	1,457,766	
50	60	2,480,133	41	1,447,533	
51	65	2,691,335	35	1,317,560	
52	70	3,051,655	38	1,406,880	
53	53	2,227,631	33	1,159,290	
54	58	2,536,992	47	1,762,433	
55	34	1,590,206	36	1,303,665	
56	33	1,329,825	35	1,243,819	
57	20	968,507	32	1,143,614	
58	35	1,416,224	33	1,154,850	
59	25	1,035,768	32	1,307,192	

#### TABLE 1A

### THE NUMBER AND ANNUAL COMPENSATION OF FULL-TIME MEMBERS DISTRIBUTED BY AGE AS OF JUNE 30, 2001

#### **REGULAR COUNTY GENERAL EMPLOYEES**

AGE	MALES		FEMALES	
	NUMBER	SALARIES	NUMBER	SALARIES
60	21	\$ 730,194	16	\$ 537,448
61	20	786,604	19	669,030
62	7	289,253	17	618,282
63	8	328,574	11	440,837
64	4	138,075	7	262,373
65	1	50,406	5	171,966
66	1	24,552	3	100,292
67	3	85,061	1	27,131
68	1		2	59,184
69	2	72,432	4	152,215
70	2	144,934		
71	2 2 2	68,513	1	45,248
72	2	71,604	1	34,558
75	1	50,408	1	31,686
78	2	72,545		
TOTAL	1,608	\$ 62,188,821	1,259	\$ 44,487,127

### TABLE 1B

# THE NUMBER AND ANNUAL COMPENSATION OF FULL-TIME MEMBERS DISTRIBUTED BY AGE AS OF JUNE 30, 2001

### COUNTY AGENCY GENERAL EMPLOYEES

		MALES	FEMALES		
AGE	NUMBER	SALARIES	NUMBER SALARIE		
	1	\$ 10,680			
19	7	107,864			
20	8	133,895			
21	2	25,395		1.0	
22	5	116,369	3	\$ 54,523	
23	11	232,022	3	79,800	
24	7	176,325	1	41,534	
25	11	241,317	4	87,66	
26	14	306,555	2	31,623	
27	8	183,197	2	76,72	
28	7	132,537	4	100,729	
29	14	378,001	7	157,248	
30	15	409,595	6	205,023	
31	19	565,593	9	160,124	
32	7	245,074	10	235,610	
33	18	548,933	11	281,834	
34	21	541,319	14	344,994	
35	27	829,193	12	335,77	
36	28	805,880	16	360,523	
37	33	1,010,966	20	447,148	
38	36	1,076,993	23	616,028	
39	26	763,166	21	515,889	
40	34	1,084,074	22	658,934	
41	38	1,236,211	24	596,361	
42	45	1,443,513	29	661,978	
43	56	1,985,172	28	760,400	
44	48	1,471,624	43	1,221,709	
45	41	1,328,560	29	770,153	
46	57	2,053,401	31	860,485	
47	42	1,321,912	36	964,531	
48	45	1,480,504	31	850,810	
49	40	1,375,847	33	979,249	
50	40	1,304,470	28	737,098	
51	34	1,141,748	28	705,980	
52	35	1,141,123	32	933,567	
53	35	1,125,086	23	641,771	
54	37	1,123,489	28	819,192	
55	35	1,065,914	29	746,470	
56	28	921,198	30	788,61	
57	18	619,858	26	775,249	
58	28	791,325	43	1,256,690	
59	30	906,174	29	804,333	

### TABLE 1B

# THE NUMBER AND ANNUAL COMPENSATION OF FULL-TIME MEMBERS DISTRIBUTED BY AGE AS OF JUNE 30, 2001

## COUNTY AGENCY GENERAL EMPLOYEES

		MAL	LES	FEMALES			
AGE	NUMBER		SALARIES	NUMBER	SALARIES		
60	24	\$	785,392	25	\$	774,206	
61	22	1	606,178	18		517,950	
62	17		523,699	11		326,425	
63	8		214,695	5	1	129,517	
64	10		293,103	6		159,399	
65	2	1	54,405	7		178,677	
66	4	1	81,698	3	1	69,157	
67	5		175,159	4	1	129,849	
68	1		29,640	1		26,712	
69	3		71,741	1		42,711	
70	1		28,360				
72	2		40,371	1	1	37,876	
74	2		43,280		1		
76				2	1	56,152	
77				1		20,496	
TOTAL	1,192	\$	36,709,793	855	\$	23,135,517	

## THE NUMBER AND ANNUAL COMPENSATION OF FULL-TIME MEMBERS DISTRIBUTED BY AGE AS OF JUNE 30, 2001

#### POLICE

		MALES	FEMALES			
AGE	NUMBER	SALARIES	NUMBER	SALARIES		
18	5	\$ 85,682				
19	6	100,076	1	\$ 18,912		
20	12	199,136	3	61,439		
21	28	593,697	7	161,970		
22	18	561,232	4	133,902		
23	33	982,588	5	132,171		
24	39	1,219,601	7	210,273		
25	30	990,081	12	415,461		
26	51	1,804,618	9	335,085		
27	62	2,270,891	9	288,693		
28	61	2,250,283	14	516,887		
29	47	1,827,925	9	354,753		
30	66	2,606,616	12	458,790		
31	63	2,524,302	11	468,807		
32	62	2,518,657	4	178,433		
33	55	2,432,481	4	171,166		
34	63	2,877,393	6	264,407		
35	56	2,696,324	15	701,203		
36	76	3,681,645	14	631,587		
37	72	3,501,350	14	737,289		
38	66	3,294,978	8	365,822		
39	58	2,901,878	13	623,276		
40	43	2,240,950	7	306,411		
41	53	2,776,438	4	182,005		
42	40	2,039,394	2	109,329		
43	42	2,311,255	12	609,288		
44	62	3,404,753	4	252,537		
45	40	2,201,720	2	98,639		
46	46	2,677,386	5	276,428		
47	31	1,652,988	2	102,121		
48	37	2,356,638	4	187,855		
49	30	1,697,076	1	47,307		
50	25	1,399,164	4	218,742		
51	17	959,128				
52	25	1,404,739	1	51,468		
53	7	480,450	1.1	85,714		
54	17	974,974	1.1			
55	9	512,985				
56	6	353,034				
57	4	248,902				
58	4	235,333				
59	1	56,149				
60	1	76,716				
TAL	1,569	\$ 71,981,606	230	\$ 9,758,170		

## THE NUMBER AND ANNUAL COMPENSATION OF FULL-TIME MEMBERS DISTRIBUTED BY AGE AS OF JUNE 30, 2001

### FIREFIGHTERS

		MALES	FEMALES			
AGE	NUMBER	SALARIES	NUMBER	SALARIES		
19	3	\$ 68,020	2	\$ 54,904		
20	1	29,477	2	56,219		
21	7	187,857	1	27,454		
22	4	117,968	7	194,631		
23	7	200.470				
24	6	171,005	2	60,672		
25	16	474,063	1	31,046		
26	8	237,637	5	151,879		
27	10	313,573	7	203,497		
28	15	467,102				
29	13	428,635	5	180,981		
30	19	615,742	8	308,039		
31	12	452,914	4	133,458		
32	18	688,074	5	190,493		
33	22	924,168	6	268,017		
34	28	1,147.627	5	203,218		
35	37	1,528,308	3	127,348		
36	42	1,834,936	3	119,316		
37	50	2,272,303	9	383,616		
38	43	1,953,688	6	268,853		
39	36	1,636,461	6	281,149		
40	39	1,885,223	3	137,947		
41	37	1,798,484	2	81,089		
42	39	1,894,041	6	280,357		
43	34	1,715,080	6	272,339		
44	44	2,249,164	4	201,522		
45	33	1,643,171	1	56,453		
46	34	1,787,927	2	89,430		
47	37	1,953,962	3	137,917		
48	25	1,369,770	1	27,452		
49	29	1,581,548	1	62,037		
50	31	1,678,232	1 - 1			
51	23	1,282,423	1	46,793		
52	18	906,485	1	46,794		
53	20	1,089,856				
54	-9	454,631	1	65,669		
55	6	333,658				
56	9	521,303				
57	9	464,931				
58	4	206,946				
59	3	162,492				
60	3	149,578				
61	1	42,640				
65	0	0.000	1	44,361		
TOTAL	884	\$ 40,921,573	120	\$ 4,794,950		

# THE NUMBER AND ANNUAL COMPENSATION OF FULL-TIME MEMBERS DISTRIBUTED BY AGE AS OF JUNE 30, 2001

### CORRECTIONAL OFFICERS

		MALES	FEMALES			
AGE	NUMBER	SALARIES	NUMBER	SALARIES		
24	7.5.5		I	\$ 23,562		
25	1	\$ 30,401	2	51,330		
26	1	30,045				
27	2	62,522	1	32,089		
28	6	180,255	4	115,480		
29	7	226,282	1	35,417		
30	5	156,797	4	107,102		
31	8	245,820	2	59,174		
32	8	251,048		1		
33	8	268,585	2	66,957		
34	6	215,228	4	123,361		
35	5	171,893	5	161,769		
36	6	207,455	5	181,552		
37	7	260,980	3	93,951		
38	4	162,925	4	140,666		
39	7	237,825	5	165,107		
40	10	361,655	2	70,622		
41	10	385,814	3	112,135		
42	5	187,094	1	33,766		
43	8	320,659	2	72,414		
44	5	194,811	1	31,360		
45	7	250,747	3	98,167		
46	5	220,147	4	141,225		
47	3	112,307		1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.		
48	3	113,990	1	42,362		
49	3	142,610	1	35,805		
50	3	130,619	1	35,873		
51	2	84,689	1	36,348		
52	3	107,251		1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1		
53	4	150,333	2	79,849		
54	3	110,378	1	35,011		
55	1	46,097		1		
56			1	41,507		
59	1	44,621				
60	1	48,277	1	36,992		
TOTAL	158	\$ 5,720,160	68	\$ 2,260,953		

EMPLOYEES' RETIREMENT SYSTEM OF BALTIMORE COUNTY

## THE NUMBER AND ANNUAL COMPENSATION OF FULL-TIME MEMBERS DISTRIBUTED BY YEARS OF SERVICE AS OF JUNE 30, 2001

#### GENERAL EMPLOYEES

		MALES	FEMALES			
SERVICE	NUMBER	SALARIES	NUMBER	SALARIES		
0	196	\$ 4,135,677	161	\$ 4,037,774		
1	131	3,689,310	165	4,169,501		
2	112	3,189,916	117	3,381,552		
3	113	3,390,262	90	2,302,708		
4	113	3,519,379	101	2,805,479		
NONVESTED:	665	17,924,544	634	16,697,014		
5	54	2,040,483	52	1,505,186		
6	105	3,313,268	-96	3,037,886		
7	80	2,800,174	75	2,220,362		
8	52	1,618,169	55	1,697,753		
9	57	1,959,970	69	2,359,556		
10	59	2,157,807	93	3,133,763		
11	127	4,262,538	121	3,761,535		
12	102	3,575,366	113	3,837,672		
13	135	4,751,662	88	3,065,024		
14	122	4,371,243	70	2,384,388		
15	127	4,831,417	83	2,850,375		
16	81	3,055,185	65	2,359,637		
17	76	2,679,653	58	2,050,910		
18	91	3,420,234	45	1,597,778		
19	61	2,304,988	58	2,046,525		
20	92	3,527,962	66	2,468,308		
21	110	4,231,997	51	2,122,700		
22	74	3,116,532	43	1,625,302		
23	79	3,278,251	40	1,575,924		
24	82	3,620,999	23	821,291		
25	70	2,985,581	29	1,111,827		
26	66	2,697,231	26	1,048,983		
27	55	2,465,759	21	831,025		
28	31	1,318,541	12	362,934		
29	49	2,112,485	4	196,986		
30	28	1,234,894	10	410,969		
31	12	446,875	7	214,026		
32	10	477,365	1	42,340		
33	12	607,685	2	60,489		
34	14	682,402	2	62,796		

## THE NUMBER AND ANNUAL COMPENSATION OF FULL-TIME MEMBERS DISTRIBUTED BY YEARS OF SERVICE AS OF JUNE 30, 2001

		MALES				LES
SERVICE	NUMBER		SALARIES	NUMBER		SALARIES
35	9	\$	371,694	2	\$	61,380
36	3	1	157,588			
37	6		323,475			
40	1		57,047	1.		
41	2	0	84,379			
42	1		33,171			
VESTED:	2,135		80,974,070	1,480		50,925,630
TOTAL	2,800	\$	98,898,614	2,114	\$	67,622,644

#### GENERAL EMPLOYEES

# Page 77

### TABLE 5A

## THE NUMBER AND ANNUAL COMPENSATION OF FULL-TIME MEMBERS DISTRIBUTED BY YEARS OF SERVICE AS OF JUNE 30, 2001

### REGULAR COUNTY GENERAL EMPLOYEES

SERVICE		MAL	ES	FEMALES		
	NUMBER SALARIES			NUMBER	SALARIES	
0	96	\$	2,333,675	83	\$ 2,629,808	
1	67		2,093,621	82	2,320,247	
2	65		1,960,228	66	2,019,248	
3	70		2,240,745	49	1,423,731	
4	44		1,610,439	54	1,740,812	
NONVESTED:	342		10,238,708	334	10,133,846	
5	22		865,485	31	1,020,278	
6	45		1,503,306	42	1,413,460	
7	28		1,142,605	36	1,211,462	
8	17		588,692	28	1,036,438	
9	23		943,180	46	1,644,717	
10	46		1,769,529	75	2,554,458	
11	73		2,696,719	71	2,347,893	
12	74		2,716,689	82	2,860,439	
13	96		3,542,693	64	2,290,407	
14	81	1	2,992,360	43	1,530,516	
15	94		3,729,541	55	2,026,166	
16	40		1,645,119	41	1,557,633	
17	52		1,947,833	43	1,599,140	
18	59		2,395,189	31	1,190,360	
19	36		1,458,382	38	1,517,736	
20	49		1,958,555	44	1,730,391	
21	58		2,484,491	37	1,622,703	
22	46		2,082,505	25	1,036,124	
23	48		2,094,484	22	1,013,140	
24	54		2,622,619	13	517,015	
25	42		2,004,156	15	680,178	
26	43		1,926,154	12	581,040	
27	40		1,961,147	14	639,376	
28	16		790,968	4	155,067	
29	23		1,062,295	4	196,986	
30	21		971,149	4	214,550	
31	4	10	152,199	1	35,442	
32	4		237,931			
33	10		523,354	1	33,777	
34	10	1	539,890	2	62,796	

### TABLE 5A

# THE NUMBER AND ANNUAL COMPENSATION OF FULL-TIME MEMBERS DISTRIBUTED BY YEARS OF SERVICE AS OF JUNE 30, 2001

#### REGULAR COUNTY GENERAL EMPLOYEES

	MALES			FEMALES		
SERVICE	NUMBER	1.3	SALARIES	NUMBER	5	SALARIES
35	4	\$	185,404	1	\$	33,593
36	2		119,076			
37	5		251,663			
41	1		44,751			
VESTED:	1,266		51,950,113	925	54 97	34,353,281
TOTAL	1,608	\$	62,188,821	1,259	\$	44,487,127

## TABLE 5B

## THE NUMBER AND ANNUAL COMPENSATION OF FULL-TIME MEMBERS DISTRIBUTED BY YEARS OF SERVICE AS OF JUNE 30, 2001

### COUNTY AGENCY GENERAL EMPLOYEES

		MALES	FEMALES			
SERVICE	NUMBER	SALARIES	NUMBER	SALARIES		
0	100	\$ 1,802,002	78	\$ 1,407,966		
1	64	1,595,689	83	1,849,254		
2	47	1,229,688	51	1,362,304		
3	43	1,149,517	41	878,977		
4	69	1,908,940	47	1,064,667		
NONVESTED:	323	7,685,836	300	6,563,168		
5	32	1,174,998	21	484,908		
6	60	1,809,962	54	1,624,426		
7	52	1,657,569	39	1,008,900		
8	35	1,029,477	27	661,315		
9	34	1,016,790	23	714,839		
10	13	388,278	18	579,305		
11	54	1,565,819	50	1,413,642		
12	28	858,677	31	977,233		
13	39	1,208,969	24	774,617		
14	41	1,378,883	27	853,872		
15	33	1,101,876	28	824,209		
16	41	1,410,066	24	802,004		
17	24	731,820	15	451,770		
18	32	1,025,045	14	407,418		
19	25	846,606	20	528,789		
20	43	1,569,407	22	737,917		
21	52	1,747,506	14	499,997		
22	28	1,034,027	18	589,178		
23	31	1,183,767	18	562,784		
24	28	998,380	10	304,276		
25	28	981,425	14	431,649		
26	23	771,077	14	467,943		
27	15	504,612	7	191,649		
28	15	527,573	8	207,867		
29	26	1,050,190				
30	7	263,745	6	196,419		
31	8	294,676	6	178,584		
32	6	239,434	1	42,340		
33	2	84,331	1	26,712		
34	4	142,512	1			

### TABLE 5B

# THE NUMBER AND ANNUAL COMPENSATION OF FULL-TIME MEMBERS DISTRIBUTED BY YEARS OF SERVICE AS OF JUNE 30, 2001

## COUNTY AGENCY GENERAL EMPLOYEES

SERVICE		MALES			FEMALES		
	NUMBER		SALARIES NU			SALARIES	
35	5	\$	186,290	1	\$	27,787	
36	1		38,512				
37	1		71,812				
40	1	1	57,047				
41	1		39,628				
42	1		33,171				
VESTED:	869		29,023,957	555		16,572,349	
TOTAL	1,192	\$	36,709,793	855	\$	23,135,517	

EMPLOYEES' RETIREMENT SYSTEM OF BALTIMORE COUNTY

# THE NUMBER AND ANNUAL COMPENSATION OF FULL-TIME MEMBERS DISTRIBUTED BY YEARS OF SERVICE AS OF JUNE 30, 2001

### POLICE

unamente l	1	MALES	FEMALES			
SERVICE	NUMBER	SALARIES	NUMBER	SALARIES		
0	75	\$ 1,191,810	14	\$ 239,393		
1	73	2,361,749	16	471,628		
2	75	2,479,260	9	293,636		
3	77	2,779,271	14	504,751		
4	73	2,677,510	20	742,681		
NONVESTED:	373	11,489,600	73	2,252,089		
5	113	4,378,100	14	531,839		
6	75	3,031,599	12	479,886		
7	98	4,198,422	20	836,934		
8	25	1,107,988	7	330,973		
9	9	396,415				
10	34	1,614,258	10	462,047		
11	38	1,835,451	8	381,665		
12	74	3,669,045	12	600,954		
13	61	2,968,217	12	614,301		
14	87	4,327,195	12	575,030		
15	80	4,111,541	12	590,880		
16	58	3,053,107	7	357,499		
17	43	2,252,591	4	194,930		
18	30	1,619,778	3	147,760		
19	57	3,087,456	6	370,837		
20	25	1,402,323	3	154,399		
21	35	1,978,373	8	421,600		
22	34	1,920,640	2	102,122		
23	19	1,062,970				
24	24	1,426,922	3	210,804		
25	27	1,610,816				
26	31	1,995,032	2	141,621		
27	19	1,147,805				
28	28	1,706,142				
29	23	1,424,692				
30	17	1,121,040				
31	9	624,459				
32	4	241,035				
33	8	472,341				
34	3	188,959	· · · · · · · · · · · · · · · · · · ·			

EMPLOYEES' RETIREMENT SYSTEM OF BALTIMORE COUNTY

## THE NUMBER AND ANNUAL COMPENSATION OF FULL-TIME MEMBERS DISTRIBUTED BY YEARS OF SERVICE AS OF JUNE 30, 2001

### POLICE

	N	AALES	F	EMALES
SERVICE	NUMBER	SALARIES	NUMBER	SALARIES
35	3	\$ 194,138		A Second
36	2	134,146		
37	2	132,864		
41	1	56,146		
VESTED:	1,196	60,492,006	157	7,506,081
TOTAL	1,569	\$ 71,981,606	230	\$ 9,758,170

# THE NUMBER AND ANNUAL COMPENSATION OF FULL-TIME MEMBERS DISTRIBUTED BY YEARS OF SERVICE AS OF JUNE 30, 2001

### FIREFIGHTERS

		MALES	FEMALES		
SERVICE	NUMBER SALARIES		NUMBER	SALARIES	
0	25	\$ 679,866	19	\$ 525,539	
1	28	748,769	5	130,542	
2	56	1,605,475	11	322,345	
3	3	81,634		100.00	
4	19	648,311	5	171,952	
NONVESTED:	131	3,764,055	40	1,150,378	
5	1	33,075	1	37,940	
5	22	836,607	12	479,368	
8	27	1,089,598	15	641,006	
10	11	493,275	4	176,224	
11	44	1,904,805	3	140,379	
12	58	2,543,523	8	368,601	
13	42	1,846,856	4	185,675	
14	53	2,418,978	11	499,273	
15	79	3,665,608	6	273,947	
16	48	2,307,906	5	236,492	
17	11	553,309	1	46,792	
18	76	3,768,177	4	197,031	
19	24	1,249,470	1	49,438	
20	30	1,585,428			
21	33	1,817,221	1	56,454	
22	30	1,755,322	2	128,246	
23	27	1,494,154			
24	12	658,777	1	65,669	
25	25	1,424,745	1	62,037	
26	17	955,450		1.0000000	
27	24	1,337,077			
28	8	479,968			
29	18	1,025,669	1		
30	2	119,012	1		
31	10	582,625			
32	6	320,664	1		
33	4	246,913			
34	5	297,072			
35	4	203,284			
36	1	71,504		1	
37	1	71,446			
VESTED:	753	37,157,518	80	3,644,572	
TOTAL	884	\$ 40,921,573	120	\$ 4,794,950	

# THE NUMBER AND ANNUAL COMPENSATION OF FULL-TIME MEMBERS DISTRIBUTED BY YEARS OF SERVICE AS OF JUNE 30, 2001

### CORRECTIONAL OFFICERS

	1	MALES	FEMALES		
SERVICE	NUMBER	SALARIES	NUMBER	SALARIES	
0	10	\$ 256,053	11	\$ 284,836	
1	4	117,861	2	51,388	
2	6	180,349	3	80,888	
3	7	209,480	3	89,889	
4	8	258,980	2	62,455	
NONVESTED:	35	1,022,723	21	569,456	
5	12	370,101	4	127,630	
6	9	297,007	4	134,161	
7	14	488,654	6	211,030	
8	9	307,663	6	214,404	
9	5	197,214	5	169,194	
10	7	257,798	2	74,402	
11	2	71,657	1	36,697	
12	9	329,206	3	112,513	
13	3	113,189	6	220,843	
14	2	76,636	2	71,946	
15	11	434,175	5	187,049	
16	3	112,559			
17	5	202,720	1	41,507	
18	6	260,726			
19	6	245,488	1	47,759	
20	8	338,359		1	
21	3	144,873	1		
22	1	49,697	1	42,362	
23	1	42,524			
24	6	309,291			
31	1	47,900			
VESTED:	123	4,697,437	47	1,691,497	
TOTAL	158	\$ 5,720,160	68	\$ 2,260,953	

## TABLE 9A

# THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES DISTRIBUTED BY AGE AS OF JUNE 30, 2001

### REGULAR COUNTY GENERAL EMPLOYEES

#### SERVICE AND DISCONTINUED SERVICE RETIREMENTS

		MALES	FEMALES		
AGE	NUMBER	AMOUNT	NUMBER	AMOUNT	
43	2	\$ 32,106	1	\$ 12,402	
44	1	20,488			
45	4	69,386	11 12 14		
46	7	124,229	2	32,630	
47	5	96,968	3	45,206	
48	10	169,387	3	56,138	
49	7	119,109	2	35,352	
50	10	207,564	2	33,184	
51	13	305,300	1	19,706	
52	12	259,012	6	124,325	
53	24	599,217	9	194,243	
54	19	528,265	8	149,686	
55	20	531,237	5	120,620	
56	15	369,086	3	42,311	
57	24	525,949	6	99,895	
58	29	735,801	7	157,119	
59	18	498,605	7	143,502	
60	23	442,846	16	122,036	
61	23	431,485	18	165,493	
62	34	923,634	27	226,235	
63	46	1,121,819	32	343,984	
64	40	631,276	37	337,342	
65	29	530,083	20	141,833	
66	45	785,209	25	248,751	
67	36	728,228	37	418,424	
68	29	589,032	43	367,598	
69	35	530,683	32	319,093	
70	42	728,108	36	329,505	
71	44	825,660	30	247,011	
72	37	876,642	39	366,601	
73	31	528,276	36	276,823	
74	26	445,872	31	302,081	
75	36	627,225	29	203,252	
76	37	629,196	25	285,676	
77	23	335,938	47	359,651	
78	33	576,158	22	212,858	

### TABLE 9A

## THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES DISTRIBUTED BY AGE AS OF JUNE 30, 2001

#### **REGULAR COUNTY GENERAL EMPLOYEES**

#### SERVICE AND DISCONTINUED SERVICE RETIREMENTS

	MALES			FEMALES			
AGE	NUMBER		AMOUNT	NUMBER	AMOUNT		
79	24	\$	326,846	32	\$	322,624	
80	31	-	446,917	24	1.00	162,900	
81	16		139,837	21	1	157,536	
82	17	1	287,882	18		134,153	
83	17		189,711	11	1	72,670	
84	16		150,214	7		61,506	
85	9		111,122	8	1	41,197	
86	5		32,204	10	11.	91,527	
87	5	1	70,121	10		54,259	
88	3		26,180	6		40,231	
89	9	1	55,428	5		36,049	
90	2		20,436	4		14,655	
91	4		32,868	3		21,763	
92	2		10,203	2		10,602	
93	1		3,268	1		9,933	
94				2		18,926	
95	1		14,480				
96	1.1.1.1			1	1.	1,628	
99				1		2,109	
TOTAL	1,031	\$	19,396,796	813	\$	7,794,834	
OPTION							
1	247	\$	4,470,971	333	\$	2,892,102	
2	84		1,168,025	8		102,892	
3	137		2,232,647	19		191,808	
4	57		2,100,004	6		120,680	
5	58		734,044	16		108,792	
6	158		2,914,038	60		701,446	
М	290		5,777,067	<u>371</u>		3,677,114	
	1,031	\$	19,396,796	813	\$	7,794,834	

#### TABLE 9B

## THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES DISTRIBUTED BY AGE AS OF JUNE 30, 2001

### COUNTY AGENCY GENERAL EMPLOYEES

### SERVICE AND DISCONTINUED SERVICE RETIREMENTS

AGE		MALES	FEMALES		
	NUMBER	AMOUNT	NUMBER	AMOUNT	
46			1	\$ 20,632	
47	1	\$ 24,481	12		
48	1	16,400			
49	3	73,645	1	11,193	
50	2	65,071	1	18,704	
51	1	18,636			
52	1	27,897		1	
53	6	154,919			
54	4	94,096	1		
55	1	15,661	1	4,394	
56	5	152,302	1	9,728	
57	2	44,334	2	19,622	
58	3	33,888	2 3	31,037	
59			5	24,452	
60	9	137,608	12	109,429	
61	10	147,682	9	52,195	
62	11	177,756	17	137,869	
63	13	193,524	21	179,090	
64	21	308,989	21	156,186	
65	22	182,374	35	246,439	
66	22	206,437	32	224,670	
67	21	287,722	46	396,758	
68	24	279,439	37	257,577	
69	21	193,997	36	320,033	
70	30	276,981	43	295,972	
71	28	227,715	35	239,932	
72	15	171,195	36	232,567	
73	15	142,908	45	267,721	
74	35	397,795	45	226,584	
75	25	223,612	37	172,486	

### TABLE 9B

# THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES DISTRIBUTED BY AGE AS OF JUNE 30, 2001

## COUNTY AGENCY GENERAL EMPLOYEES

#### SERVICE AND DISCONTINUED SERVICE RETIREMENTS

1	N.	MA	LES	FEMALES		
AGE	NUMBER		AMOUNT	NUMBER		AMOUNT
76	19	\$	131,325	35	\$	172,517
77	22		194,420	45	100	235,688
78	20		157,457	27		115,391
79	22		269,122	28	1	103,598
80	15		88,221	16		89,616
81	21	6	172,438	24	1	88,651
82	14		86,610	16		47,424
83	13	1	57,318	6		23,121
84	9		70,660	8		19,261
85	15		73,221	12		29,842
86	8		54,308	11		44,566
87	7		29,001	10		31,472
88	2	1	5,056	7		30,693
89	2		5,654	6	15,12	
90				2		5,898
91	1	6	4,691	2		3,744
92	2		10,533	2 2		9,122
94	1		7,155		1	
95				1	1	582
98	1		3,549			
TOTAL	546	\$	5,697,803	780	\$	4,721,590
PTION						
1	185	\$	1,724,053	378	\$	2,424,577
2	43	1	318,326	8		20,125
3	77		919,066	16		81,462
4	9		289,334	25.0		177CM
5	30		213,141	7		20,017
6	70		1,004,427	24		158,266
M	132		1,229,456	347		2,017,143
	546	\$	5,697,803	780	\$	4,721,590

# THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES DISTRIBUTED BY AGE AS OF JUNE 30, 2001

#### POLICE

### SERVICE AND DISCONTINUED SERVICE RETIREMENTS

		MALES	1	FEMALES	
AGE	NUMBER	NUMBER AMOUNT		AMOUNT	
39	1	\$ 24,015			
40	1	24,275			
42	2	47,290			
43	10	292,591		1	
44	14	374,035			
45	10	290,250	I	\$ 23,002	
46	25	666,039	I	20,928	
47	27	763,552			
48	22	686,028	1		
49	30	813,900		and the second second	
50	31	767,346	1	22,546	
51	31	851,847	2	53,640	
52	29	736,000			
53	42	1,182,785	1	12,550	
54	39	983,074			
55	25	711,747			
56	28	733,954			
57	30	811,275	1		
58	35	954,450			
59	25	692,271			
60	21	628,909	A		
61	13	332,990			
62	16	410,871	31		
63	19	571,911			
64	14	325,650	1	12,780	
65	9	258,177	10.00		
66	6	144,838			
67	7	149,519	1		
68	5	89,023	1.	1.	
69	6	105,276			
70	4	66,879			
71	4	98,993			
72	8	202,771			
73	5	74,118	1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.		

# THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES DISTRIBUTED BY AGE AS OF JUNE 30, 2001

### POLICE

### SERVICE AND DISCONTINUED SERVICE RETIREMENTS

	1	MA	LES	FEMALES			
AGE	NUMBER		AMOUNT	NUMBER	1	AMOUNT	
74	5	\$	81,221				
75	1		19,563	1			
76	1		21,146	2			
77	1		15,676		1.1		
78				1	\$	976	
TOTAL	602	\$	16,004,255	8	\$	146,422	
OPTION							
1	85	\$	2,044,702				
2	11		205,963				
3	32		760,198				
4	50		1,749,417	1	\$	20,928	
5	16		420,587	1		22,546	
6	47		1,324,956				
М	361		9,498,432	<u>6</u> 8		102,948	
	602	\$	16,004,255	8	\$	146,422	

## THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES DISTRIBUTED BY AGE AS OF JUNE 30, 2001

### FIREFIGHTERS

### SERVICE AND DISCONTINUED SERVICE RETIREMENTS

anna 1	1	MALES		EMALES
AGE	NUMBER	AMOUNT	NUMBER	AMOUNT
44	1	\$ 40,124		
46	1	54,637		
47	1	34,846		
48	5	213,416		
49	5	189,409		
50	6	226,378		
51	6	184,453		
52	6	200,585		
53	13	508,224		
54	16	664,068		
55	19	690,357		
56	22	855,825		
57	16	664,402		
58	28	1,044,912		
59	24	896,536		
60	38	1,387,988		
61	16	534,456		
62	32	1,245,781		
63	22	715,236		
64	14	432,087		
65	12	406,196		
66	11	321,581		
67	5	128,892		
68	4	101,318		
69	4	86,550		
70	4	91,070		
71	2	38,685		
72	4	125,239		
73	3	84,687	- 1 C	
74	2	41,060		
75	2	43,524		
TOTAL	344	\$ 12,252,522	0	\$ 0
OPTION				
1	41	\$ 1,337,709		
2	6	172,450		
3	13	411,462		
4	89	3,597,143		
5	10	284,496		
6	54	1,840,579		
м	131	4,608,683		
Code P	344	\$ 12,252,522	0	\$ 0

EMPLOYEES' RETIREMENT SYSTEM OF BALTIMORE COUNTY

# THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES DISTRIBUTED BY AGE AS OF JUNE 30, 2001

#### CORRECTIONAL OFFICERS

### SERVICE AND DISCONTINUED SERVICE RETIREMENTS

	MALES			FEMALES		
AGE	NUMBER	AMOUNT		NUMBER	AMOUNT	
40	1	\$	21,088			
42	1		27,479		1.	
43	1		17,235			
44	1	0	17,700		1	
45	2		32,000	1	\$	18,980
46	2		60,384		1	
47	3		62,549			
48	2		43,408			
52	2		43,722			
53	3		58,480	1		
54				1		19,621
55	1		17,922			
56	2		32,145			
57	1		20,217			
62	1		19,412	1		12,609
63	1.000			1		19,116
64	1		22,823			
65	1		12,167			
66	2		19,485			
70	1		20,001			
71	1		14,855	1		10,434
72	1		9,174			
TOTAL	30	\$	572,246	5	\$	80,760
OPTION						
1	3	\$	68,368	4	\$	70,326
2	1		20,001			and a strength of
4	2		60,384			
5	11		181,467			
6	5		88,444			
M	8		153,582	1		10,434
	30	\$	572,246	5	\$	80,760

### TABLE 13A

## THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES DISTRIBUTED BY AGE AS OF JUNE 30, 2001

## REGULAR COUNTY GENERAL EMPLOYEES

### DISABILITY RETIREMENTS

	1.5	MALES	FEMALES		
AGE	NUMBER	AMOUNT	NUMBER	AMOUNT	
33			1	\$ 6,754	
35	1	\$ 15,394			
37	2	13,378			
38	2	22,450	1	15,119	
39	2	33,695	1112		
40	1	17,736	1	9,81	
41	1.1.1.1.1.1.1.1		2	36,763	
42	5	78,202	1	17,418	
43	4	54,237	2	24,840	
44	2	28,032	1	7,41	
45	4	70,826			
46	6	117,290	1	14,52	
47	6	94,987			
48	4	53,437	1	19,600	
49	5	50,637	2	16,61	
50	7	128,592	2	9,062	
51	7	125,156	3	34,93	
52	9	111,182	3	37,76	
53	5	83,068	1	8,279	
54	7	116,140	3	42,513	
55	6	103,975	1	6,600	
56	4	59,818	2	17,914	
57	5	69,712	3	38,400	
58	10	173,834	1	8,30	
59	2	24,743	4	39,270	
60	7	93,893	3	39,219	
61	4	67,798		4,78	
62	6	120,499	3	37,52	
63	7	113,861	1	9,799	
64	5	78,400	3	47,880	
65	3	33,408	2	18,582	
66	4	58,623	1	5,283	
67	3	111,202	1	8,520	
68	4	61,840	2	48,250	
69	6	74,666		26,628	
70	4	70,856	1 2	26,01	
71	4	58,967			
72		68,053	2	13,584	
73	3 2	22,099	3	17,184	

EMPLOYEES' RETIREMENT SYSTEM OF BALTIMORE COUNTY

## TABLE 13A

# THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES DISTRIBUTED BY AGE AS OF JUNE 30, 2001

## REGULAR COUNTY GENERAL EMPLOYEES

		MALES			FEM.	ALES	
AGE	NUMBER		AMOUNT	NUMBER	$d_{\rm H} = 0$	AMOUNT	
74	1	\$	19,240				
75	2		32,463	1	\$	7,310	
76	2 2		15,057	1		29,191	
77				2		26,365	
78	1		11,426	2 2		8,843	
TOTAL	174	\$	2,758,872	66	s	786,911	
OPTION	27	¢		16	¢	101 645	
<u>OPTION</u> 1	37 A	\$	670,527	16	\$	191,645	
OPTION 1 2	4	\$	670,527 46,979	16	\$	191,645	
OPTION 1 2 3	4 16	\$	670,527 46,979 206,443	16	\$	191,645	
DPTION 1 2 3 4	4 16 8	\$	670,527 46,979 206,443 144,270	16	\$		
0PTION 1 2 3 4 5	4 16 8 6	\$	670,527 46,979 206,443 144,270 46,456	16 1	\$	3,881	
DPTION 1 2 3 4	4 16 8	\$	670,527 46,979 206,443 144,270	16 1 1 <u>48</u>	\$		

### TABLE 13B

# THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES DISTRIBUTED BY AGE AS OF JUNE 30, 2001

## COUNTY AGENCY GENERAL EMPLOYEES

		MALES	FEMALES		
AGE	NUMBER	AMOUNT	NUMBER	AMOUNT	
38	1	\$ 7,614			
39	1	10,277	1		
40	1	17,410		1	
41	2	18,063			
42	1	7,462	1		
43	1	7,515			
44	1	6,829	1		
45	1	14,349			
46	2	11,329			
47	2	18,270	1	\$ 4,709	
48			1	11,172	
49	3	38,690	1	5,506	
51	2	1	3	26,675	
52	7	137,980	1	3,934	
53	2	72,861			
54	1	8,545	4	41,247	
55	1	15,984		A CONTRACTOR	
56	2	26,636		· · · · ·	
57	2	30,003	8	82,668	
58	3	56,489	7	54,695	
59	4	60,868	3	20,041	
60	1	11,487	3	20,530	
61	5	26,692	5	42,291	
62	8	78,826	3	34,514	
63	3	35,326	1	15,387	
64	4	24,042	1	7,436	
65	2	24,663	8	54,857	
66	1	18,688	6	48,981	
67	2	21,483	1	5,106	
68	4	36,893	7	58,346	
69	1	6,238	10	48,393	
70	4	29,673	4	55,369	

#### TABLE 13B

# THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES DISTRIBUTED BY AGE AS OF JUNE 30, 2001

## COUNTY AGENCY GENERAL EMPLOYEES

		MAI	LES	FEMALES			
AGE	NUMBER	1	AMOUNT	NUMBER		AMOUNT	
71	1	\$	8,790		1		
72	2		15,692	3	\$	17,592	
73				5		55,363	
74				1		5,370	
75	3 1		27,991	3	1	12,799	
76	1		3,669	2		18,324	
77	1	1	5,127	1		13,698	
80				2	11	6,570	
86				1	11	9,011	
87	( ) ( )			1		8,709	
TOTAL	81	\$	942,454	97	\$	789,293	
OPTION							
1	18	\$	254,421	38	5	296,252	
2	8		53,605	1		4,793	
3	6		39,714	1		8,831	
5	2		12,207	1		3,972	
6	7		108,830	5		38,722	
М	40		473,677	51		436,723	
	81	\$	942,454	97	\$	789,293	

# THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES DISTRIBUTED BY AGE AS OF JUNE 30, 2001

#### POLICE

### DISABILITY RETIREMENTS

		MALES	FEMALES		
AGE	NUMBER	AMOUNT	NUMBER	AMOUNT	
31	1	\$ 19,591			
33	1	28,056	1	the first section of	
34	2	50,325	1	\$ 25,114	
35	2	49,548	1 1	22,638	
36	3	68,047	1	25,241	
37	5	110,868	2	47,780	
38	2	43,497	4	93,881	
39	1	22,233	1	24,549	
40	5	108,877			
41	3	62,733	4	120,158	
42	7	153,985	2	59,215	
43	11	280,058			
44	8	197,132	2	41,636	
45	7	172,490	5	101,581	
46	11	300,138	3	62,241	
47	11	304,328	3	75,690	
48	16	459,162	4	114,781	
49	10	250,478	1	19,618	
50	8	180,063	2	52,615	
51	15	389,572	1	21,901	
52	17	473,596	1	28,267	
53	10	262,097	1	13,823	
54	11	278,339			
55	21	574,519			
56	11	324,320	1	28,086	
57	9	262,402			
58	8	177,916	1		
59	14	402,954	1	31,269	
60	7	170,351			
61	9	279,443			
62	11	396,563	1	1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.	
63	14	351,246	1	29,346	
64	3	60,947			

# THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES DISTRIBUTED BY AGE AS OF JUNE 30, 2001

### POLICE

	1	MA	LES	10000	FEM	ALES
AGE	NUMBER		AMOUNT	NUMBER		AMOUNT
65	4	\$	115,352			
66	7		228,425		1	
67	6		186,520			
68	6 3		50,457			
69	4		82,984			
70	5		164,329			
71	1	1	30,705			
72	4		102,349	10		
74	4		87,079			
75	2		15,314			
TOTAL	313	\$	8,329,388	42	\$	1,039,430
OPTION						
1	32	\$	788,836	1	\$	31,199
3	7		117,129			
4	6		211,856			
6	3		81,632	1		21,492
М	265		7,129,935	40		986,739
	313	\$	8,329,388	42	\$	1,039,430

## THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES DISTRIBUTED BY AGE AS OF JUNE 30, 2001

### FIREFIGHTERS

		MAL	ES	FEMALES		
AGE	NUMBER		AMOUNT	NUMBER		AMOUNT
29			10 3 7 0 1 1 3	1	\$	15,970
33	1			1		28,026
34				1		19,686
35	1	\$	23,372	2		30,302
38		1		1		35,116
39	1		19,441	1		
40				1		25,611
41	I	1	13,745	I		13,888
42	2		47,407	1		31,437
43	2	1	36,327	1		34,208
44		1		2	1	63,032
45	1		19,092	1	1	16,096
47	3		69,410	1		20,204
48	1	1	33,672	1		13,147
49	3		79,467			
50			27,942		M	
51	3		86,008	10		
52	3		76,539	1		28,414
53	8		289,983			
54	7		222,441	1		
55	8		262,981	1		
56	6		221,408			
57	4		118,803	100		
58	3		97,151			
59	9		326,841			
60	9		348,940			

# THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES DISTRIBUTED BY AGE AS OF JUNE 30, 2001

## FIREFIGHTERS

## DISABILITY RETIREMENTS

-		MA	LES		FEMA	ALES
AGE	NUMBER		AMOUNT	NUMBER		AMOUNT
61	2	\$	96,767			
62	1	1	40,461			
63	3		102,489			
64	4		120,622			
65	6		189,694			
67	2		33,582			
68	3		107,005	1		
70	1		21,853			
74	1		23,487			
TOTAL	98	\$	3,156,930	16	\$	375,137
OPTION						
1	7	\$	204,752	2	\$	41,56
3	4		95,912			
	7		245,378			
4 5	1		20,170			
6	6		168,958			
М	<u>73</u>		2,421,760	14		333,576
	98	\$	3,156,930	16	\$	375,137

# THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES DISTRIBUTED BY AGE AS OF JUNE 30, 2001

## CORRECTIONAL OFFICERS

#### DISABILITY RETIREMENTS

	1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.	MAI	LES		FEMA	LES
AGE	NUMBER		AMOUNT	NUMBER	1	AMOUNT
40		11	1	1	\$	10,799
41	1	\$	9,224			
43	3	11	48,020			
44	1		8,868	1		8,590
45		1		1		10,271
47	2		46,129			
TOTAL	7	\$	112,241	3	\$	29,660
OPTION						
1	2	S	20,229			
2	1		8,868			
6	1		12,176			
M	3		70,968	3	\$	29,660

### TABLE 17A

# THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES DISTRIBUTED BY AGE AS OF JUNE 30, 2001

## REGULAR COUNTY GENERAL EMPLOYEES

### BENEFICIARIES

		MAL			FEMALES
AGE	NUMBER		AMOUNT	NUMBER	AMOUNT
36		1		1	\$ 18,810
38				1	6,118
40				1	4,996
41		1		1	9,139
42	1			1	11,976
44				1	12,450
46				1	1,315
48	2	\$	11,033	1	6,036
49				1	9,364
50				1	7,787
52	1	1		2	34,930
53	0			5	56,631
54	2		9,161	2	27,896
55	1 2			2	5,385
56				2 2	14,096
57				1	12,080
58	1			2	16,180
59		1		6	106,754
60	1	1	7,351		28,176
61	1	1	11,354	2	9,456
62	1	1	3,911	2 2 5 7 4 6	50,018
63				7	50,341
64	1		3,185	4	53,563
65	1 C C C C C C C C C C C C C C C C C C C				44,246
66				9	84,931
67	1		6,756	8	144,148
68				4	29,698
69	·			8	117,709
70	1		6,624	9	113,988
71	1	1	5,862	12	123,650
72		1		6	31,529
73				12	109,446
74	1		1,653	6	46,247
75				4	26,066
76	1		9,491	6	32,514

Page 102

EMPLOYEES' RETIREMENT SYSTEM OF BALTIMORE COUNTY

### TABLE 17A

## THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES DISTRIBUTED BY AGE AS OF JUNE 30, 2001

### **REGULAR COUNTY GENERAL EMPLOYEES**

#### BENEFICIARIES

		MAL	ES		FEM	ALES	
AGE	NUMBER		MOUNT	NUMBER		AMOUNT	
77	I	\$	34,043	13	\$	135,166	
78				9	1	98,381	
79				10		62,576	
80		6		11	1	86,228	
81	1		6,122	6		24,747	
82				9		44,342	
83				6 9 7 5 4		96,518	
84	3		15,071	7	1	35,706	
85	3		2,865	5		29,047	
86	1		1,844	4		11,455	
87				6 5		33,356	
88		1		5	1	31,806	
89				1	1	3,979	
90				2 3		9,332	
91	1		1,103	3	1	11,532	
92	1		3,459	1	1	14,985	
94				1		7,480	
96				2		10,101	
97		1		2		3,211	
OTAL	22	\$	140,888	248	s	2,207,617	

OPTION

M 22 \$ 140,888 248 \$ 2,207,617

### TABLE 17B

# THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES DISTRIBUTED BY AGE AS OF JUNE 30, 2001

## COUNTY AGENCY GENERAL EMPLOYEES

### BENEFICIARIES

1.7		MALES		1	FEMALI	ES
AGE	NUMBER	AMO	DUNT	NUMBER	AN	<b>10UNT</b>
43				1	\$	3,866
45						
46		1				
52		1		1		7,614
54		1		1 1		7,500
55		1		1	1	3,946
56	1	0		1	1	2,678
57				2		13,213
59				1 1 2 1 1 1	1	1,788
60				1		2,247
61	1	10		1		8,631
62		1		3 3		13,681
63	1			3		17,863
64	1	\$	9,637	1		5,547
65				1 7 2 6		44,700
66	1		2,675	2		10,539
67				6	1	52,664
68				2	V	7,667
69	2	1	8,789	3	L	8,769
70				2	1	7,740
71		1		2 3 2 4 1	0	9,623
72				1	1	1,975
73	1		4,205	7		63,790
74	2 2		6,251	7 5 3		27,269
75	2		6,444	3	0	10,276
76	1		1,729	6		31,527
77				9		36,598
78				11	-	54,827

### TABLE 17B

## THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES DISTRIBUTED BY AGE AS OF JUNE 30, 2001

## COUNTY AGENCY GENERAL EMPLOYEES

### BENEFICIARIES

		MAL	ES	1	FEMALES		
AGE	NUMBER		AMOUNT	NUMBER	100	AMOUNT	
79		1		11	\$	38,832	
80				4		11,256	
81				8		39,081	
82				3	1	5,438	
83				7		13,678	
84	1	\$	2,469	4		12,094	
85				1		4,094	
86				6		21,504	
87				2 3		3,273	
88				3		4,947	
89				1	1	3,735	
90	1		3,619	3		3,213	
91				1		4,484	
92				2		6,909	
94	1			1		3,332	
TOTAL	12	\$	45,818	142	\$	632,408	

## THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES DISTRIBUTED BY AGE AS OF JUNE 30, 2001

### POLICE

### BENEFICIARIES

	MALES			FEMALES		
AGE	NUMBER		AMOUNT	NUMBER A		AMOUNT
33		-		I	\$	15,511
35	1			2		62,074
41				2	1	23,582
42				2		14,746
43				1		12,127
44	1			1	1	35,457
46	1			1		12,022
48				1		25,719
49	1			2		36,778
51				1	1	29,834
52				2		25,579
53				2 2		118,962
54				3		29,128
56	1			3	1	72,296
57				1		2,780
58	4			4		74,938
59	1	\$	26,803	1		11,722
60				2		101,189
61	1			1		6,145
62	ł			1		15,192
63	1			4		56,469
64				1		8,856
65				1		15,320
67	1			1		17,004
68				1		18,702
69				1		8,846
70				1		6,810
72	1			2		50,590
75				1		7,440
76		1		2	6	62,786
79				1		3,269
81				1		3,614
87				1		3,682
OTAL	1	\$	26,803	52	\$	989,169

# THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES DISTRIBUTED BY AGE AS OF JUNE 30, 2001

### FIREFIGHTERS

# BENEFICIARIES

		MAL	ES	FEMALES		
AGE	NUMBER		AMOUNT	NUMBER		AMOUNT
38				2	\$	27,137
42				1		10,453
43	P			1		30,261
47		1		1		29,173
48		1		I	1	13,853
50		1		1	1	38,171
51		1		2		33,165
52	6	1		1		9,663
54				1		14,756
55				1		16,761
56		1		I		9,583
57				1	1	14,840
60		1		I		15,189
62				1		75,525
63		1		1		26,320
64	0 0	1		2		16,405
67		1		1		53,963
69		1		1 2 1 2		23,355
71	1	\$	28,815			
TOTAL	ī	\$	28,815	22	\$	458,573

# THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES DISTRIBUTED BY AGE AS OF JUNE 30, 2001

## CORRECTIONAL OFFICERS

#### BENEFICIARIES

AGE 59	MALES			FEMALES			
	NUMBER		AMOUNT	NUMBER	AMOUNT		
				1	\$	5,827	
TOTAL	0	\$	0	1	\$	5,827	
<u>OPTION</u> M				1	\$	<u>5,827</u>	
	0	\$	0	1	\$	5,827	

EMPLOYEES' RETIREMENT SYSTEM OF BALTIMORE COUNTY

BUCK CONSULTANTS