ANNUAL STATEMENT

for the

FINANCIAL CONDITION

of the

ANDOVER CONTRIBUTORY

RETIREMENT SYSTEM

to the

- COMMISSIONER OF PUBLIC EMPLOYEE RETIREMENT

of the

COMMONWEALTH OF MASSACHUSETTS

FOR THE YEAR ENDED DECEMBER 31, 1989

ANNUAL STATEMENT FOR THE YEAR ENDED DECEMBER 31, 1989 OF THE CONDITIONS AND AFFAIRS OF

ANDOVER CONTRIBUTORY RETIREMENT SYSTEM
(Name of Retirement System)

COMMISSIONER OF PUBLIC EMP OF THE COMMONWER	Commonwealth of Massachusetts to the LOYEE RETIREMENT ADMINISTRATION ALTH OF MASSACHUSETTS THE LAWS THEREOF
Date of Certifica Effective Date	
Administ	ration Office
Town Offices Bartlet Street Street & Number	Andover, MA 01810 City/Town, State and Zip Code
Telephone Num	ber 508-470-3800 ext 220
we are the official board member that on the thirty-first day of herein-described assets were the retirement system, free and clear except as stated, and the follow and explanations therein contain full and correct exhibit of all disbursements, changes in fund affairs of the said retirement of December last, and for the years.	under the penalties of perjury, that rs of said retirement system, and December last all of the
BOARD O	F RETIREMENT
William T. Downs (Named Typed)	(Signature) Chairman
Leo F. Daley (Named Typed)	Leo F. Malon Board Member (Signature)
Rodney P. Smith (Named Typed)	(Signature) Board Member
INVESTME	NT ADVISOR(S)
Hawthorne Associates, Inc (Name)	100 Corporate Place Suite 501 Peabody, MA 0196 (Address)
(Name)	(Address)
(Name)	(Address)
CU	STODIAN
State Street BAnk & Trust, Co	P.O. Box 1992 Boston, MA 02105-1992 (Address)

Annual Statement of the Andover Contributory Retirement System for the year ended December 31, 1989

	Balance December 31 Prior Year	Receipts	Interfund Transfers	Disbursements	Balance December 31 Current Year
Annuity Savings Fund	6,098,757.99	1,181,222.08	(264,160.86)	187,778.49	6,828,040.72
Annuity Reserve Fund	2,049,066.60	8,692.91	268,310.83	188,677.18	2,137,393.16
Pension Fund	1,520,509.92	1,706,612.15	(10,000.00)	1,759,494.31	1,457,627.76
Military Service Fund					
Expense Fund	20,730.79	34,340.00	10,000.00	43,390.35	21,678.44
Pension Reserve Fund	3,422,699.13	1,374,890.74	(4,149.97)	610.32	4,792,829.58
			4-1		v*
TOTAL ALL FUNDS	13,111,764.43	4,305,757.88	0.00	2,179,952.65	15,237,569.66
List below all transfe	cs:				
Transfer from Annuity	Saving Fund to the Annu	ity ReserFund in the	e amount of \$ 268,31	0.83 on account of	Retirements .
Transfer from Pension	Fund Fund to the Expe	nse Fund Fund in the	e amount of \$ 10,00	0.00 on account of	Sec 22(3)(b)
Transfer from Pension	ReserveFund to the Annu	ity Savingund in the	e amount of \$ 4,20	5.52 on account of	Reinstatement .
Transfer from Annuity	Saving Fund to the Pens	ion Reser Pund in the	e amount of \$ 5	2.55 on account of	Prior year interest, adjustment
Transfer from	Fund to the	Fund in the	e amount of \$	on account of	*
Transfer from	Fund to the	Pund in the	e amount of \$	on account of	^
Transfer from	Fund to the	Fund in the	e amount of \$	on account of	•

Annual Statement of the Andover Contributory Retirement System for the year ended December 31, 1989

Receipts

	1989	1988	1987
1.Annuity Savings Fund:			
(a) 4891-Members Deductions	838,235.81	757,869,26	680,601.50
(b) 4892-Transfers From Other Systems	16,369.39	21,209.10	50,720.28
(c) 4893-Member Make Up Payments and Redeposits	12,832.06	11,307.69	11,948.84
(d) Investment Income Credited to Members Accounts Subtotal 2.Annuity Reserve Fund:	313,784.82	271,719.26	258,301.55 1,001,572.17
(a) Investment Income Credited Annuity Reserve Fund Subtotal	8,692,91 8,692,91	58,223.59 58,223.59	52,608.21 52,608.21
3.Pension Fund:			
(a) 4898-3(8)(c) Reimbursements From Other Systems	26,519.45	17,517.12	19,575.03
(b) 4899-Received From Commonwealth For COLA and Survivor Benefits	108,209.22	183,964.77	265,298.74
(c) 4884-Profit on Sale of Investment	s 109,092.15	36,081.85	27,903.03
(d) 4886-Inc in Mkt Value of Equitie	s 217,940.83	93,027.20	14,375.00
(e) 4889-Principal Adjustment Accoun Amortization Gain	t		
(f) 4894-Pension Fund Appropriation	1,244,850.50	1,159,503.00	1,151,959.87
Subtotal 4.Military Service Fund:	1,706,612.15	1,490,093.94	1,479,111.67
(a) 4890-Contributions Received from municipality on a/c of military service			
(b) Investment Income Credited Military Service Fund 'Subtotal			***************************************
5.Expense Fund:			
(a) 4896-Expense Fund Appropriation Subtotal	34,340.00	29,044.00	26,527.00
6.Pension Reserve Fund:	34,340.00	29,044.00	26,527.00
(a) 4897-Federal Grant Reimbursement	945.00	1,918.00	1,248.00
(b) 4895-Pension Reserve Appropriation	455,834.00	800,000.00	
(c) 4822-Interest Not Refunded	5,816.89	3,350.26	
(d) Excess Investment Income Subtotal	912,294.85	724,559.96	599,753.40
TOTAL RECEIPTS	4.305,757,88	4.169.295.06	3,160,820,45

Annual Statement of the Andover Contributory Retirement System for the year ended December 31, 1989

Investme	nt I	ncome
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	1989	1988	1987
Investment Income received from:	16 005 36	10 /50 00	22 202 22
(a) Cash (from schedules 1A and 1C)	16,035.76	18,459.82	22,207.22
(b) PRIT Cash Fund (from schedules 1A and 1C)			
(c) Short Term Investments (from schedule 2)	58,378.13	58,475.35	25,340.27
(d) Fixed Income Securities (from schedules 3A and 3C)	1,207,860.71	938,601.10	859,516.24
(e) Equities (from sch 4A and 4C)	38,553.70	34,067.68	23,979.53
(f) Mutual or Commingled Real Estate Funds (from schedules 4A and 4C)			
(g) Mutual or Commingled Venture Capital Funds (from sch 4A and 4C)		
(h) PRIT Capital Fund (from schedules 4A and 4C)			
(i) Treasurer's Cash Fund (from sch 1A and 1C)			
(j) Treasurer's Capital Fund (from sch 4A and 4C)			
4821-TOTAL INVESTMENT INCOME	1,320,828.30	1,049,603.95	931,043.26
Plus: 4828-Increase in Amortization of			
Fixed Income Securities	10,405.47	13,067.11	11,849.62
1550-Interest Due and Accrued on Fixed Inc Securities-Current Yr	221,681.39	277,817.40	207,601.05
Less: 4829-Decrease in Amortization of Fixed Income Securities	(1,647.39)	(6,163.65)	(3,528.13)
4823-Paid Accrued Interest on Fixed Income Securities	(38,677.79)	(72,220.95)	(35,434.88)
5306-Management Fees Paid (Used when mgmt fee offsets investmnt inc)			
1550-Interest Due and Accrued on Fixed Inc Securities-Prior Year	(277,817.40)	(207,601.05)	(200,867.86)
NET INVESTMENT INCOME	1,234,772.58	1,054,502.81	910,663.06
Income Required:			
Annuity Savings Fund (From supplementary schedule)	313,784.82	271,719.26	258,301.55
Annuity Reserve Fund	8,692.91	58,223.59	52,608.11
Military Service Fund			
TOTAL INCOME REQUIRED	322,477.73	329,942.85	310,909.66
Net Investment Income	1,234,772.58	1,054,502.81	910,663.06
Less: Income Required:	(322,477.73)	(329,942.85)	(310,909.66)
EXCESS INCOME TO PENSION RESERVE FUND	912,294.85	724,559.96	599,753.40

Annual Statement of the Andover Contributor#firement System for the Year Ended December 31, 19____

Schedule No: I-A Cash* Held at End of Year

*Cash defined in ledger #1040 as Savings, Checking or Money Market Account Prit Cash Fund and and Treasurers Cash Fund

					Net Amount Deposited			
Description		Date	interest	Book Value	or Withdrawn During	Book Value	Interest Received	Interest Due
Give complete description alphabetically by	Account	Account	Rate at	Dec: 31st	Year including interest	December 31st	During Year Including	and Accrued
name of bank, type of account	No:	Opened	Year End	Previous Year	If Not Withdrawn	Current Year	Interest Reinvested	on Dec. 31st
Baybank	111-0114	3	Var	299,636.24		(43,882.77)	16,035.76	****

Annual Statement of the <u>Andover Contributor</u>@ettrement System for the Year Ended December 31, 1989 <u>Schedule No: 1-8</u> <u>Cash Accounts opened During Year</u>

					Net Amount Deposited	
Description		Date	Interest	Initial	or Withdrawn During Year	Book Yatue
Give complete description alphabetically by	Account	Account	Rate at	Funds	including interest	December 31st
name of bank, type of account	No:	<u>Opened</u>	Year End	Depos I ted	If Not Withdrawn	Current Year
Cash - State Street Bank & Trust		9/1/89				278.34
Cash - State Street - Short term Invest	ment Fund	9/1/89	Market			881,000.00

Annual Statement of the Andover

Retirement System for the Year Ended December 31, 1989

Schedule No. 1-C

Cash Accounts Closed During Year

Description
Give complete description alphabetically by name of bank, type of account

Account No. Date Account Opened

Date Closed Interest Rate at Year End

Balance Dec: 31 Previous Year Net Amount Deposited or Withdrawn Including Interest If Not Withdrawn Since Beginning of Year

Amount in Account at closing Interest Received During Year

NONE

NONE

NONE

NONE

NONE

NONE

NONE

NONE

Schedule Not 2 (A,B, and C)

Annual Statement of the Andover Contributorgettrement System for the Year Ended December 31, 1989

Short Term Securities* Bought and Sold or matured during

as well as still Held on December 31st

*Short Term defined in ledger #1100 as U:S: Treasury Bills

Commercial Paper, CD's, Term Deposits, Cooperative Shares, Savings and Loan Shares

Description Give complete description list							Amount Received					Interest
alphabetically listing those owned Dec: 31st first (rolled over securities must	CUSIP or	Date		Cost Including	Inti	Date of	at maturity less Commissions and			Book Value Dec: 31st	Interest Received	Due and Accrued
be listed as sold and then repurchased)	Account No:	Acquired	Par Value	Commissions	Rate	Maturity	Excluding Interest	Name of Broker	Commission	Current Year	During Year	Dec: 31st
MA Municipal Depositors Trust	44005387	8/15/79	1.00		Var	Var			.00	791,844.80	51,713.07	
State Street Bank & Trust	3001	9/1/89	1.00		Var	Var		•	.00	881,000.00	6,665.06	į

Annual Statement of the <u>Andover</u> Retirement System for the Year Ended December 31, 1989 Schedule 5

Summary of Investments Owned

			Interest Due and	Pald Accrued Interest on Purchases In	Commissions Paid During Current	Amort; of Fixed secur	Income	Increase or Decrease in mkt value of equiffes	Profit or Loss on Securities Sold Current Yr	Investment Income Received
Categ	pry of Investment	Book Value	Accrued	Current Year	Year	Increase	Decrease	Increase Decrease	Profit Loss	During Yr
i(a)	1040-Cash	(43,882.77)								16,035.76
1(b)	1198-PRIT Cash Fund									
1(c)	1171-Treasurer's Cash Fund									
2:	1100-Short Term Sec	1,673,123.14								58,378.13
3:	IIBO-Fixed Inc: Sec	8,828,215.98	221,681.39	36,877.79		10,405.47	1,647.39		89,336.09 9,766.90	1,207,860.71
4(a)	1170-Equities	4,385,562.24						217,940.83 130,413.15	19,756.06 94,934.9	5 38,553.70
4(b)	1172-Mut or Commingled Real Estate Funds									
4(c)	1173-Mut or Commingled Venture Capital Funds									
4(d)	1197-Options									
4(e)	1199-PRIT Capital Fund									
4(f)	liBi-Treasurer's Fixed Capital Fund									
TOTAL		14,843,018.59	221,681.39	36,877.79		10,405.47	1,647.39	217,940.83 130,413.15	109,092.15	1,320,828.30