INVESTMENT VENDORS

The following is a listing of the investment managers, custodians, and consultants that serve the Massachusetts public pension systems. The listing is based on information supplied by the retirement boards.

RETIREMENT BOARD	INVESTMENT VENDORS		
ADAMS Custodian: State Street Bank & Trust Consultant: Fiduciary Investment Advisors	Capital Research and Management	Granite Investment Advisors RhumbLine Advisers	
AMESBURY	• PRIT		
ANDOVER ► Consultant: Dahab Associates	• PRIT		
ARLINGTON ► Custodian: State Street Bank & Trust	• PRIT	Wilshire Associates Inc.	
ATTLEBORO ➤ Custodian: People's United Bank ➤ Consultant: Dahab Associates Inc.	 Boston Advisors, LLC BTG Pactual Timberland Investment Group Copeland Capital Management Fidelity Institutional Asset Management Frontier Capital Management Co., LLC 	 Hancock Timber Resource Group, Inc. Herndon Capital Management, LLC Intercontinental Real Estate Corp. Invesco Core Real Estate USA, LP 	 Invesco National Trust Company PRIT RhumbLine Advisers State Street Global Advisors
BARNSTABLE COUNTY	Intercontinental Capital Management, LLC	• PRIT	UBS Realty Investors, LLC
 Custodian: People's United Bank Consultant: New England Pension Consultants 	AEW Capital Management, LPAtlanta CapitalHarbourvest Partners, LLC	 Loomis Sayles & Company Pacific Investment Management Company, LLC PRIT 	RhumbLine AdvisersRothschild Asset Management Inc.Scout Capital Management, LLC
BERKSHIRE COUNTY	• PRIT		
BEVERLY	• PRIT		
BLUE HILLS REGIONAL	• PRIT		
BOSTON (CITY) Custodian: State Street Bank & Trust Consultant: New England Pension Consultants	 57 Stars, LLC AEW Capital Management, LP Alcentra NY, LLC Angelo, Gordon & Co., LP Arclight Capital Partners, LLC Aristotle Capital Management, LLC Arsenal Real Estate Funds, LLC Ascent Venture Partners Audax Group Aurora Management Partners AXA Real Estate Investment Managers Ltd. Bernzott Capital Advisors BlackRock Advisors, LLC Blue Point Capital Partners, LLC Boston Millennia Partners Brookfield Asset Management CCMP Capital Advisors, LLC Centersquare Investment Management Holdings, Inc. Columbia Management Investment Advisors, LLC Commonwealth Capital Ventures Courtland Partners Crescent Capital Group, LP DDJ Capital Management D.E. Shaw Investment Management, LLC DRC Capital, LLP Dune Capital Management, LP Energy Spectrum Partners EnTrust Partners, LLC 	 Evercore Advisors, LLC Federal Street Partners, LLC Fisher Investments Goldentree Asset Management, LP Grosvenor Capital Management, LP Hamilton Lane Hearthstone Inc. Income Research + Management Insight Venture Management Intech Intercontinental Real Estate Corp. Invesco Core Real Estate USA, LP J.F. Lehman & Company, Inc. J.P. Morgan Investment Management, Inc. J.W. Childs Associates, LP LaSalle Investment Management, Inc. Lazard Asset Management, LLC Lexington Partners, LP Loomis Sayles & Company Mesirow Advanced Strategies, Inc. Mesirow Financial Investment Management, Inc. MPM Capital, LP NGP Energy Capital Management, LLC Oaktree Capital Management, LP PanAgora Asset Management, Inc. Peerlla Weinberg Partners Capital Management, LP 	 Permal Asset Management, Inc. Polunin Capital Partners Prudential Capital Partners RhumbLine Advisers Sanderling Ventures SCP Private Equity Partners Segall Bryant & Hamill Siguler Guff Advisers, LLC SL Capital Partners State Street Global Advisors Sterling Venture Partners, LLC TA Realty TH Lee Putnam Ventures Thomas H. Lee Partners, LP Thoma Bravo, LLC Todd Asset Management Tristan Capital Partners Vanguard Venture Partners, LLC Vontobel Asset Management, Inc. W Capital Partners Wells Capital Management, Inc. Western Technology Westfield Capital Management Company, LP Westport Capital Partners, LLC Z Capital Partners, LLC Zevenbergen Capital Investments, LLC

RETIREMENT BOARD	INVESTMENT VENDORS		
BOSTON TEACHERS	• PRIT		
BRAINTREE ▶ Custodian: SEI Private Trust Company	Lexington Partners, LP	• PRIT	SEI Investments Management Corporation
BRISTOL COUNTY ► Custodian: State Street Bank & Trust ► Consultant: Segal Marco Advisors	 Aberdeen Asset Management Arrowstreet Capital, LP Ashmore Investment Advisors, Ltd. BlackRock Investment Management, LLC Brookfield Timberlands Management, LP CB Richard Ellis Group, Inc. Clearbridge Investments Colchester Global Investors Columbia Management Investment Advisers, LLC DN Partners Dupont Capital Management Earnest Partners, LLC 	 GCM Customized Fund Investment Group Hunt Investment Management, LLC IFM Investors (US) Advisor Income Research & Management Intech Intercontinental Real Estate Corp. Invesco Advisers, Inc. Lazard Asset Management, LLC LSV Asset Management Lyrical Asset Management, LP Massachusetts Financial Services Company Mesirow Financial Private Equity Advisors, Inc. 	 New Boston Fund, Inc. Pacific Investment Management Company, LLC Polaris Capital Management, LLC PRIT RBC Global Asset Management (U.S.), Inc. Rice Hall James & Associates, LLC RREEF Management, LLC SEI Trust Company Stone Harbor Investment Partners TA Realty Timberland Investment Resources, LLC WL Ross & Co., LLC
BROCKTON ► Custodian: SEI Private Trust Company ► Consultant: Fiduciary Investment Advisors	 Aberdeen Asset Management Arsenal Real Estate Partners Ascent Venture Partners Charlesbank Capital Partners, LLC HealthPoint, LLC 	 Hunt Investment Management, LLC Intercontinental Capital Management, LLC Invesco Private Capital, Inc. Landmark Partners, LLC Mesirow Financial Investment Management, Inc. 	 New Boston Fund, Inc. Oppenheimer Alternative Investment Management SEI Investments Management Corp. Siguler Guff Advisers, LLC
BROOKLINE ➤ Custodian: Russell Investments	 AEW Capital Management, LP Hancock Timber Resource Group, Inc. HarbourVest Partners, LLC 	Invesco Private Capital, Inc.Lexington Partners, LPPRIT	Russell Investment Group Sustainable Woodlands Partners, LLC
CAMBRIDGE ➤ Custodian: People's United Bank ➤ Consultant: Segal Marco Advisors	 Aberdeen Asset Management AEW Capital Management, LP Ascent Venture Partners BlackRock Investment Management, LLC Brandywine Global Investment Management, LLC Columbia Management Investment Advisors, LLC Fidelity Institutional Asset Management Hamilton Lane Hancock Timber Resource Group, Inc. IFM Investors (US) Advisor 	 Income Research & Management Intercontinental Real Estate Corp. J.P. Morgan Investment Management Landmark Partners, LLC Lazard Asset Management, LLC Lexington Partners, LP Loomis Sayles & Co. MacKay Shields, LLC MFS Institutional Advisors, Inc. Penn Square Global Real Estate Group, LLC 	 Polaris Capital Management, LLC PRIT RBC Global Asset Management (U.S.), Inc. RhumbLine Advisers Rockwood Capital, LLC State Street Global Advisors UBS Realty Advisors, LLC WEDGE Capital Management, LLP Wellington Management Company
CHELSEA	• PRIT		
CHICOPEE → Custodian: SEI Private Trust Company	• PRIT	SEI Investments Management Corp.	
CLINTON Consultant: Trust Advisory Group, Ltd.	• PRIT		
 CONCORD Custodian: Comerica Securities Consultant: Fiduciary Investment Advisors 	Columbia Threadneedle Investments	• PRIT	Russell Investment Group
DANVERS ➤ Custodian: People's United Bank ➤ Consultant: Graystone Consulting	Barings, LLCEquus Capital Partners, Ltd.Gerber-Taylor Management Company	Hillswick Asset ManagementLyrical Asset ManagementPRIT	RhumbLine AdvisersTA RealtyTWIN Capital Management

RETIREMENT BOARD	INVESTMENT VENDORS		
DEDHAM	• PRIT		
DUKES COUNTY • Custodian: People's United Bank • Consultant: Dahab Associates, Inc.	Atlanta Capital Garcia Hamilton & Associates LP	Polen Capital Management, LLC PRIT	• Vanguard
EASTHAMPTON	• PRIT		
ESSEX COUNTY ➤ Custodian: State Street Bank & Trust	 Ascent Venture Partners BlackRock Investment Management, LLC Boston Millennia Partners Intercontinental Real Estate Corp. 	Levine Leichtman Capital Partners, IncMassVenturesPRIT	 Principal Real Estate Investors, LLC Sentinel Real Estate Corporation TA Realty
EVERETT	• PRIT		
FAIRHAVEN	• PRIT		
FALL RIVER	• PRIT	SL Capital Partners, LLP	
FALMOUTH ➤ Custodian: State Street Bank & Trust ➤ Consultant: Wainwright Investment Counsel, LLC	 Baring Asset Management (Asia) Limited Dimensional Fund Advisors, LP Earnest Partners, LLC Hamilton Lane HGK Asset Management, Inc. Intercontinental Real Estate Corp. 	 Invesco Private Capital, Inc. Lexington Partners, LP LMCG Investments, LLC Mesirow Financial Private Equity Advisors, Inc. Metropolitan Real Estate Equity Management, LLC PRIT 	 Prinicipal Real Estate Investors, LLC RhumbLine Advisers SEI Trust Company Seizert Capital Partners, LLC Siguler Guff Advisers, LLC State Street Global Advisors
FITCHBURG	• PRIT	TA Realty	
FRAMINGHAM	• PRIT		
FRANKLIN COUNTY Custodian: Comerica Bank Consultant: Dahab Associates, Inc.	 Aberdeen Asset Management Income Research & Management O'Shaughnessy Asset Management, LLC 	Polen Capital Management, LLC PRIT	Seizert Capital Partners, LLCSystematic Financial Management, LP
GARDNER	• PRIT		
GLOUCESTER	• PRIT		
GREATER LAWRENCE ► Custodian: BNY Mellon Asset Servicing	Seaward Management		
GREENFIELD	• PRIT		
HAMPDEN COUNTY REGIONAL • Consultant: Segal Marco Advisors	 GCM Customized Fund Investment Group Invesco Private Capital, Inc. 	 Long Wharf Real Estate Partners, LLC New Boston Fund, Inc. 	• PRIT
HAMPSHIRE COUNTY ► Consultant: New England Pension Consultants	 Ascent Venture Partners Barings LLC Colchester Global Investors Glouston Capital Partners, LLC Intercontinental Real Estate Corp. 	 Lexington Partners, LP Massachusetts Financial Services Company Perella Weinberg Partners Capital Management, LP Polaris Capital Management, LLC Portfolio Advisors, LLC 	 PRIT RBC Global Asset Management (U.S.) Inc. RhumbLine Advisers Shenkman Capital Management, Inc.

RETIREMENT BOARD		INVESTMENT VENDORS	
HAVERHILL Custodian: People's United Bank Consultant: Wainwright Investment Counsel, LLC	 DDJ Capital Management, LLC Fisher Investments Global Forest Partners, LP Globespan Capital Management, Inc. GrandBanks Capital Income Research + Management 	 Intercontinental Real Estate Corporation Massachusetts Financial Services Company Mesirow Financial Institutional Real Estate Molpus Woodlands Group, LLC PRIT Putnam Advisory Company, LLC 	 RhumbLine Advisers Stafford Private Equity, Inc. Systematic Financial Management, LP TerraCap Management The DSF Group Victory Capital Management
HINGHAM Consultant: Meketa Investment Group	• PRIT		
HOLYOKE Consultant: Segal Marco Advisors	 Aberdeen Asset Management Acadian Asset Management, LLC Algert Global American Realty Advisors Boston Company Asset Management, LLC Brandywine Global Investment Management, LLC Charles Schwab & Co., Inc. Constitution Capital Partners, LLC Denver Investments 	 Fidelity Institutional Asset Management Flynn Financial Partners Industry Capital Advisors, LLC LMCG Investments Long Wharf Real Estate Partners, LLC Mesirow Financial Private Equity Advisors, Inc. Monroe Capital Oberweis Asset Management, Inc. 	 Polaris Capital Management, LLC PRIT Putnam Investment Management, LLC RBC Global Asset Management (U.S.) Inc. Seizert Capital Partners, LLC State Street Global Advisors TerraCap Management Wasatch Advisors, Inc.
HULL	• PRIT		
LAWRENCE	• PRIT		
LEOMINSTER ► Custodian: State Street Bank & Trust	Massachusetts Financial Services Company PRIT	Templeton Investment Counsel	Union Labor Life Insurance Company
► Custodian: State Street Bank & Trust Consultant: Meketa Investment Group, Inc.	 Acadian Asset Management, LLC Beacon Capital Partners, LLC Fidelity Investments Fiduciary Management, Inc. Golub Capital Partners 	 Kayne Anderson Rudnick Investment Management Loomis Sayles & Company Matthews International Capital Management, LLC Monroe Capital PRIT 	 RhumbLine Advisers Wellington Management Company, LLP White Oak Global Advisors, LLC William Blair & Company, LLC
LOWELL Custodian: People's United Bank	Ascent Venture PartnersBoston Millennia PartnersCharles River Ventures	Charles River Ventures Intercontinental Real Estate Corporation	PRIT Sentinel Real Estate Corporation
LYNN	Ascent Venture Partners BlackRock Investment Management, LLC	BlackRock Realty Advisors, Inc. Fidelity Investments Money Management, Inc.	Hunt Investment Management, LLC PRIT
 MHFA Custodian: State Street Bank & Trust Consultant: Meketa Investment Group, Inc. 	 Aberdeen Asset Management AEW Capital Management, LP Ascent Venture Partners Columbia Management Investment Advisers, LLC Constitution Capital Partners, LLC Dimensional Fund Advisors, LP 	 Goldman Sachs Asset Management, LP HarbourVest Partners, LLC IFM Investors Advisor Intercontinental Real Estate Corporation KBI Global Investors (North America) Ltd. 	 LMCG Investments, LLC Logan Circle Partners, LP Longfellow Investment Management State Street Global Advisors TA Realty
 MWRA Custodian: People's United Bank Consultant: New England Pension Consultants 	 Alcentra NY, LLC Ascent Venture Partners CarVal Investors Castile Ventures Cerberus Capital Management, LP Coho Partners, Ltd. Courtland Partners Entrust Partners, LLC Foundry Group, LLP Invesco Trust Company Invesco Private Capital, Inc. J.F. Lehman & Company 	 Kayne Anderson Capital Advisors, LP Landmark Partners, LLC Lee Munder Capital Group, LLC Loomis Sayles & Company Mesirow Financial Institutional Real Estate Morgan Stanley Pacific Investment Management Company, LLC Park Square Capital Pinebridge Investments, LLC Polen Capital Management, LLC PRIT Private Advisors, LLC 	 RhumbLine Advisers Robeco Institutional Asset Management U.S., Inc. Schroders Investment Management North America, Inc. SEI Trust Corporation Select Equity Group, LP TA Realty TerraCap Management Wellington Management Company, LLP William Blair & Company, LLC WL Ross & Co., LLC

RETIREMENT BOARD	INVESTMENT VENDORS		
MALDEN • Custodian: State Street Bank & Trust	De Burlo Group, Inc.		
MARBLEHEAD	• PRIT		
MARLBOROUGH Custodian: Comerica Bank Consultant: Meketa Investment Group, Inc. MASSPORT Custodian: People's United Bank Consultant: Wilshire Associates	 Clarion Partners Colony Realty Partners Constitution Capital Partners, LLC Dimensional Fund Advisors LP Aberdeen Asset Management, Inc. PRIT 	 Driehaus Capital Management, LLC Fiduciary Management, Inc. Frontier Capital Management Co., LLC Payden & Rygel Pzena Investment Management, LLC State Street Global Advisors 	 RhumbLine Advisers Shenkman Capital Management, Inc. SL Capital Partners, LLP State Street Global Advisors Wellington Management Company, LLP
MAYNARD • Custodian: State Street Bank & Trust	Boston Advisors, LLC	• PRIT	Sequin Partners, LLC
MEDFORD ➤ Custodian: People's United Bank ➤ Consultant: New England Pension Consultants	 City of London Investment Management Columbia Management Investment Advisors, LLC Lazard Asset Management, LLC Loomis Sayles & Company 	 Mellon Capital Management Corporation PRIT RhumbLine Advisers 	 Standard Life Investment Western Asset Management Company William Blair & Company, LLC
MELROSE	Ascent Venture Partners Hunt Investment Management, LLC	Intercontinental Real Estate CorporationInvesco Private Capital, Inc.	• PRIT
METHUEN	BlackRock Investment Management, LLC	• PRIT	
MIDDLESEX COUNTY ➤ Custodian: State Street Bank & Trust	Ares Management, LLCAscent Venture PartnersAuda Private Equity, LLCBoston Millennia Partners	 Duke Street Capital Global Forest Partners, LP Globespan Capital Management, Inc. Hunt Investment Management, LLC 	 Intercontinental Real Estate Corporation Invesco Private Capital, Inc. PRIT TH Lee Partners
MILFORD	• PRIT		
MILTON	• PRIT		
MINUTEMAN REGIONAL	• PRIT		
MONTAGUE	• PRIT		
NATICK • Custodian: People's United Bank • Consultant: Fiduciary Investment Advisors, LLC	Intercontinental Real Estate Corporation PRIT	SEI Investments Management Corp.	SL Capital Partners, LLP
NEEDHAM	• PRIT		
NEW BEDFORD • Custodian: State Street Bank & Trust • Consultant: Segal Marco Advisors	 Aberdeen Asset Management, Inc. Acadian Asset Management, LLC Blackrock Realty Advisors, Inc. Boston Company Asset Management, LLC Hamilton Lane Hunt Invesment Management, LLC Intercontinental Real Estate Corp. 	 Invesco Private Capital, Inc. Lexington Advisors, Inc. Loomis Sayles & Company Mesirow Private Equity Advisors, Inc. Neuberger Berman Management Pacific Investment Management Company, LLC SEI Trust Company 	 State Street Global Advisors Limited TA Realty UBS Realty Investors, LLC Wellington Management Company, LLP Westfield Capital Management Company, LP Wilton Asset Management, LLC

RETIREMENT BOARD	INVESTMENT VENDORS		
NEWBURYPORT	• PRIT		
NEWTON	• PRIT		
NORFOLK COUNTY Custodian: State Street Bank & Trust Consultant: Wainwright Investment Counsel, LLP	 Allianz Global Investors Fund Management, LLC ArcLight Capital Partners, LLC Ariel Investments Ascend Ventures Group, LLC Boston Millennia Partners Centersquare Investment Management Holdings, Inc. Centre Lane Partners, LLC CHL Medical Partners Clarion Partners Coller Investment Management, Ltd. Constitution Capital Partners, LLC Corsair Capital LLC D.E. Shaw Investment Management, LLC DSF Group EnTrust Partners, LLC Gamco Asset Management, Inc. Gerding Edlen Investment Management, LLC 	 Globespan Capital Management, Inc. Goldentree Asset Management, LP Halpern, Denny & Company Hamilton Lane HarbourVest Partners, LLC Hunt Investment Management, LLC Income Research & Management Intercontinental Real Estate Corporation Invesco Private Capital, Inc. Lazard Asset Management, LLC Lee Munder Capital Group, LLC LLM Capital Partners Loomis, Sayles & Company Mesirow Capital Partners X, LP Mesirow Financial Institutional Real Estate MFS International Advisors, Inc. Monitor Venture Management 	 Northern Trust Preferred Investors PRIT PRISM Venture Partners RhumbLine Advisers Seizert Capital Partners, LLC Sentinel Real Estate Corporation Siguler Guff Advisors, LLC SL Capital Partners, LLP State Street Global Advisors TA Realty TerraCap Management Victory Capital Management Wellesley Advisors Corporation Wellington Management Company, LLP Wilshire Associates, Inc.
NORTH ADAMS • Custodian: People's United Bank	De Burlo Group, Inc.	• PRIT	
NORTH ATTLEBORO • Custodian: State Street Bank & Trust • Consultant: Dahab Associates, Inc.	 AmSouth Bank Atlanta Capital Axiom International Investors, LLC Blackrock Realty Advisors, Inc. Brandes Investment Partners, LP 	 Chicago Equity Partners, LLC Davenport & Company, LLC Herndon Capital Management, LLC Intercontinental Real Estate Corporation Lazard Asset Management, LLC 	Loomis Sayles & CompanyRhumbLine AdvisersStewart Capital Advisors, LLCVontobel Asset Management, Inc.
NORTHAMPTON • Custodian: People's United Bank	De Burlo Group, Inc.	• PRIT	
NORTHBRIDGE	• PRIT		
NORWOOD Custodian: State Street Bank & Trust Consultant: Meketa Investment Group, Inc.	 Aberdeen Asset Management, Inc. American Funds Atlanta Capital Boston Company Asset Management, LLC 	 Columbia Management Investment Advisors, LLC Constitution Capital Partners Dimensional Fund Advisors, LP HabourVest Partners, LLC 	 IFM Investors Advisor Landmark Partners, LLC PRIT RhumbLine Advisers
PEABODY	• PRIT		
PITTSFIELD ▶ Consultant: Fiduciary Investment Advisors, LLC	Hunt Investment Management, LLC	• PRIT	SL Capital Partners, LLP
PLYMOUTH ➤ Custodian: People's United Bank ➤ Consultant: Fiduciary Investment Advisors, LLC	 Acadian Asset Management Babson Capital Management BlackRock Advisors, LLC Boston Advisors, LLC Boston Trust Investment Management, Inc. 	 Columbia Management Investment Advisers Intercontinental Real Estate Corporation Invesco Trust Company PRIT Rhumbline Advisers 	 Boston Partners Global Investors, Inc. Templeton Investment Counsel Wellington Management Company, LLP Westfield Capital Management Company, LP

RETIREMENT BOARD

INVESTMENT VENDORS

PRIM

- ► Custodian: BNY Mellon
- ► Consultants: Arden Asset Management LLC, Callan Associates, Hamilton Lane, International Woodland Company, NEPC, Townsend
- · 400 Capital Management
- Acadian Asset Management, LLC
- Access Capital
- Acon Investments
- Advent International
- **AEW Capital Management**
- AFL-CIO Housing Investment Trust
- AgIS Capital, LLC
- Alchemy Partners
- Alta Communications
- **American Securities Capital Partners**
- Anchorage Capital, LLC
- Angelo Gordon
- APAX Partners & Co.
- Apollo Management Co.
- **AQR** Capital
- Arden Asset Management
- **Ascent Venture Partners**
- Ashmore Investment Management, Ltd.
- Asia Pacific Trust
- **Austin Ventures**
- Avenue Capital Group
- **Baillie Gifford**
- Bain Capital
- **Battery Ventures**
- Blackrock Financial Management, Inc.
- **Blackstone Capital Partners**
- Blackstone Group
- **Boston Ventures**
- **Bridgepoint Capital Limited**
- Brigade Capital G.P., LLC
- **Brookfield Investment Management**
- Campbell Group, LLC
- Candover
- Cantab Capital Partners, LP
- · Canvas Capital
- Canyon Johnson II
- Capula Management Limited
- Carlyle Group
- **Carlyle Partners**
- Castille
- Catalyst Investors
- Centerbridge
- Centerbridge Special Credit Partners
- CenterSquare Investment Management
- **Charlesbank Capital Partners**
- **Charles River Ventures**
- Charterhouse Group
- Chequers
- City of London Investment Management Co.
- Clifton Group
- Code, Hennessey & Simmons
- Commonwealth Capital Ventures
- **Community Capital Management**
- Contrarian Capital
- Crescent Capital Group
- CVC Capital
- Cypress Merchant Banking Partners
- Davidson Kempner Advisors, Inc.
- **Denham Capital Management**
- DivcoWest
- **DLJ Merchant Banking Partners**

- · Driehaus Capital Management, LLC
- East Lodge Capital
- **Eaton Vance Institutional Funds**
- FI Dorado Ventures
- Elliot Capital Advisors, LP
- Equitable Capital Management Corporation
- Essex Woodlands Health Ventures
- **Ethos Private Equity**
- **Exponent Private Equity Partners**
- Fidelity Management Trust Company
- FIS Group, Inc.
- First Reserve Corporation
- Flagship Ventures
- Forest Investment Associates
- Frontier Capital Management
- Freeman Spogli Equity Partners
- **GENSTAR Capital**
- Gilde Buy Out Partners AG
- Glenview Capital G.P., LLC
- Goldman Sachs Investment Management
- **Gores Capital**
- **GSO Capital Partners**
- GTCR Golder Rauner
- Harding Loevner
- **Hellman & Friedman Capital Partners**
- H.I.G. Capital Partners
- Highfields Associates, LLC
- **Highland Capital Partners**
- Hony Capital
- **Huber Capital**
- **Index Ventures**
- Informed Portfolio Management
- **Insight Venture Partners**
- Institutional Venture Partners
- Intercontinental IV
- · InterWest Partners · Invesco Realty Advisors
- · Investec Asset Management
- JEN Partners
- · J.P. Morgan Investment Management
- Kainos Capital, LLC
- Kelso & Company
- Kepha Partners
- **Keytone Ventures**
- Kohlberg Kravis Roberts and Co.
- **KPS Capital Partners**
- Land and Buildings Investment Management
- **Landmark Equity Partners**
- LaSalle Investment Management
- Loomis, Sayles & Company
- **Lovell Minnick Partners**
- **Madison Dearborn Capital Partners**
- Marathon London
- M/C Venture Partners
- Medixi Ventures
- Menlo Ventures
- Mondrian Investment Partners Ltd.
- Montagu
- **Montreux Equity Partners**
- Mudrick Capital Management, LP
- Nash & Sells
- Nautic Partners

- New Boston Urban Fund I
- · New Enterprise Associates
- Nordic Capital
- Oaktree Capital Management
- **Odyssey Investment Partners**
- Olympus Partners
- · Onex Capital Partners
- · OZ Advisors, LP
- Pacific Alternative Asset Management Co. (PAAMCO)
- · Pacific Investment Management Co. (PIMCO)
- PAI Europe
- · PanAgora Asset Management, Inc.
- · Permira Ventures
- · Pershing Square G.P., LLC
- · Pictet Asset Management, Inc.
- · Polaris Venture Partners
- Presima
- · Providence Equity Partners
- · Pzena Investment Management
- Quantum Energy Partners
- Ouad-C Management
- Rembrandt Venture Partners
- Rhone Group, LLC
- Riverbridge Partners
- **Russell Implementation Source**
- SAIF Partners
- SCP Vitalife
- SECOR Asset Management
- · Shenkman Capital Management
- · Sherbrooke Capital · Sofinnova Ventures, Inc.
- · Spark Capital
- · Spectrum Equity Partners
- · State Street Global Advisors
- · Steadfast Capital Management LP
- · Stone Harbor Investment Partners LP
- Summit Creek Advisors
- Summit Ventures
- · SV Life Sciences Advisors TA Associates/Advent
- **Technology Crossover Ventures**
- Texas Pacific Group
- · Thoma Bravo
- Thoma Cressey Partners
- Thomas H. Lee Equity Partners, LP
- **Torquest Partners Towerbrook Capital Partners**
- **Trident Capital Union Square Ventures**
- VantagePoint Partners
- **Vestar Capital Partners** Vista Equity Partners
- · Voya Financial
- Wasatch Advisors Inc. · Welsh, Carson, Anderson & Stowe
- Weston Presidio Capital WestView Capital Partners
- · Whitney & Company · Willis Stein
- · Winton Capital Management
- · Xenon Private Equity, LTD

RETIREMENT BOARD		INVESTMENT VENDORS	
PLYMOUTH COUNTY Custodian: State Street Bank & Trust Consultant: Meketa Investment Group	 ABS Investment Management, LLC AEW Capital Management, LP Akina Limited Ascend Venture Group Ascent Venture Partners Audax Management Company (NY), LLC Basalt Infrastructure Partners Berkshire Property Advisors, LLC Boston Company Asset Management, LLC BTG Pactual Timberland Investment Group Carlyle Investment Management Charles River Ventures Copper Rock Capital Partners Denver Investments DN Partners DSF Group Eaton Vance Investment Counsel EnTrust Partners Offshore, LP 	 Fisher Investments First Eagle Investment Management Franklin Templeton Investment Management Geneva Capital Management, Ltd Global Infrastructure Management, LLC Globespan Capital Management, Inc. HGK Asset Management, Inc. Hunt Investment Management, LLC IFM Investors Advisor Income Research & Management Invesco Trust Company J.P. Morgan Investment Management, Inc. KBI Global Investors (North America Ltd.) Kopernik Global Investors Landmark Partners, LLC Lee Munder Capital Group, LLC Leeds Equity Partners Lexington Partners, LP 	 LLR Management McDonnell Investment Management, LLC Mesirow Financial Capital Partners X, LP Mesirow Financial Institutional Real Estate Mutti Employer Property Trust New Boston Fund, Inc. NewTower Trust Company Prudential Real Estate Investors RhumbLine Advisers Rohatyn Group SEI Trust Company Siguler Guff Advisers, LLC Summit Partners, LP THL Credit Advisors, LLC TimberVest, LLC Wellesley Advisors Corporation Wellington Management Wellspring Capital Management, LLC
QUINCY Custodian: State Street Bank & Trust Consultant: Meketa Investment Group, Inc.	 Aberdeen Asset Management, Inc. Acadian Asset Management, LLC Adams Street Partners, LLC AEW Capital Management, LP Beach Point Capital Management, LP Brookfield Asset Management Brown Advisory, LLC Colony Realty Partners Columbia Management Investment Advisors, LLC 	 Copper Rock Capital Partners, LLC Goldman Sachs Asset Management, LP Hancock Timber Resource Group, Inc. IFM Investors Advisor LLR Management Loomis Sayles & Company Oppenheimer Alternative Investment Management PRIT 	 RhumbLine Advisers Ridgemont Equity Partners Rockwood Capital SL Capital Partners, LLP State Street Global Advisors Stone Harbor Investment Partners, LP TA Realty UBS Realty Investors, LLC Wellspring Capital Management
READING	• PRIT		
REVERE	• PRIT		
SALEM	• PRIT		
SAUGUS	• PRIT		
SHREWSBURY Consultant: Dahab Associates, Inc.	• PRIT		
SOMERVILLE • Custodian: Comerica Securities	Congress Asset Management Company, LLP Lazard Asset Management, LLC	Loomis Sayles & Company RhumbLine Advisers	UBS Realty Investors, LLC
SOUTHBRIDGE	• PRIT		
SPRINGFIELD ▶ Custodian: PeoplesBank	Boston Millennia Partners	Crescendo Ventures Management, LLC	• PRIT
STATE	• PRIT		
STATE TEACHERS	• PRIT		
 STONEHAM Custodian: SEI Private Trust Company Consultant: Fiduciary Investment Advisors, LLC 	• PRIT	SEI Investments Management Corp.	

RETIREMENT BOARD	INVESTMENT VENDORS		
SWAMPSCOTT • Custodian: People's United Bank • Consultant: Dahab Associates	Intercontinental Real Estate Corporation	North Sky Capital, LLC	• PRIT
TAUNTON • Custodian: State Street Bank & Trust • Consultant: Dahab Associates, Inc.	 Aberdeen Asset Management BlackRock Investment Management, LLC Boston Millennia Partners Brandywine Global Investment Management, LLC Ceres Partners, LLC C.S. Mckee, LP Denver Investments Earnest Partners, LLC Frontier Capital Management Co., LLC 	 Glovista Investments, LLC Intercontinental Real Estate Corporation Invesco Core Real Estate USA, LP Invesco Trust Company Invesco Private Capital, Inc. Long Wharf Real Estate Partners, LLC Manulife Asset Management, LLC Molpus Woodlands Group, LLC 	 Polen Capital Management, LLC Quantitative Management Association State Street Global Advisors TimberVest, LLC Vontobel Asset Management, Inc. Weaver C. Barksdale & Associates Wells Capital Management, Inc.
WAKEFIELD	• PRIT		
WALTHAM ► Custodian: SEI Private Trust Company ► Consultant: Fiduciary Investment Advisors, LLC	 Ascent Venture Partners Hunt Investment Management, LLC Intercontinental Real Estate Corporation 	Invesco Private Capital, Inc.Precision Capital Advisors, LLCPRIT	RCP Advisors, LLC SEI Investments Management Corporation
WATERTOWN ► Custodian: State Street Bank & Trust ► Consultant: Fiduciary Investment Advisors, LLC	 Acadian Asset Management, LLC Arsenal Real Estate Funds, LLC Auda Private Equity, LLC Blackrock Advisors, LLC Brandywine Global Investment Management, LLC Columbia Management Investment Advisors, LLC Earnest Partners, LLC 	 Eaton Vance Management Guggenheim Partners Investment Management, LLC Income Research & Management Intercontinental Real Estate Corporation Lee Munder Capital Group, LLC 	 Massachusetts Financial Services Company New Boston Fund, Inc. PRIT RCP Advisors, LLC SEI Trust Company Wellington Management Company, LLP
WEBSTER ▶ Custodian: State Street Bank & Trust ▶ Consultant: Wainwright Investment Counsel, LLC	 HGK Asset Management Inc. Lee Munder Capital Group, LLC 	Loomis Sayles & Company PRIT	RhumbLine Advisers SEI Trust Company
WELLESLEY	• PRIT		
WEST SPRINGFIELD ▶ Custodian: Comerica	AmSouth Bank	De Burlo Group, Inc.	
WESTFIELD	 Addenda Capital Boston Company Asset Management, LLC Columbia Management Investment Advisers, LLC Constitution Capital Partners, LLC Fisher Investments Hamilton Lane Income Research & Management 	 Intercontinental Real Estate Corporation Lazard Asset Management, LLC LMCG Investments Long Wharf Real Estate Partners, LLC Loomis Sayles & Company Polaris Capital Management, LLC PRIT 	 RBC Global Asset Management (U.S.), Inc. SEI Trust Company State Street Global Advisors TerraCap Management Wasatch Advisors, Inc. Wells Capital Management, Inc.

RETIREMENT BOARD	INVESTMENT VENDORS		
WEYMOUTH • Custodian: Comerica • Consultant: Fiduciary Investment Advisors, LLC	 Aberdeen Asset Management, Inc. Acadian Assset Management, LLC Adams Street Partners Ashmore Investment Advisors BlackRock Advisors, LLC Boston Company Asset Management, LLC Brandywine Global Investment Management, LLC 	 Constitution Capital Partners, LLC HarbourVest Partners, LLC Intercontinental Real Estate Corporation Invesco Private Capital, Inc. Landmark Partners, LLC Loomis Sayles & Company OFI Global Institutional, Inc. 	 Pioneer Institutional Asset Management Inc. PRIT RhumbLine Advisers RS Investment Management Company, LLC Sigular Guff Advisers, LLC State Street Global Advisors Wasatch Advisors
WINCHESTER → Custodian: State Street Bank & Trust	Guggenheim Real Estate, LLC PRIT	State Street Global Advisors	Wellington Management Company, LLP
WINTHROP	• PRIT		
WOBURN ► Custodian: State Street Bank & Trust ► Consultant: Wainwright Investment Counsel, LLC	 Alliance Bernstein, LP Charlesbank Capital Partners, LLC Earnest Partners, LLC Hunt Investment Management, LLC Intercontinental Real Estate Corporation 	Invesco Private Capital, Inc.Loomis Sayles & CompanyPRITRhumbLine Advisers	 Stafford Private Equity Inc. State Street Global Advisors Wilshire Associates, Inc. Victory Capital Management
WORCESTER ➤ Custodian: State Street Bank & Trust ➤ Consultant: Meketa Investment Group; Fiduciary Investment Advisors	 Acadian Asset Management, LLC AEW Capital Management, LP American Securities, LLC Ascent Venture Partners Boston Millenia Partners BTG Pactual Timberland Investment Group, LLC Capital International, Inc. Charlesbank Capital Partners, LLC Global Infrastructure Management, LLC Hancock Natural Resource Group, Inc. 	 Harvest Partners, LP IFM Investors (US) Advisor, LLC Income Research + Management Invesco Private Capital, Inc. Lazard Asset Management, LLC Lee Munder Capital Group, LLC Loomis Sayles & Company Newstone Capital Partners, LLC Northstar Company, LLC 	 PRIT Ridgemont Equity Partners Riverside Company SL Capital Partners, LLP State Street Global Advisors TA Associates Management Vitruvian Partners, LLP White Deer Energy William Blair & Company, LLC
WORCESTER REGIONAL	AEW Capital Management, LP Ascent Venture Partners	Hunt Investment Management, LLC Intercontinental Real Estate Corporation	• PRIT • TA Realty