

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: People's United Bank ► Consultant: Fiduciary Investment Advisors, LLC	• PRIT	• RhumbLine Advisers	
AMESBURY	• PRIT		
ANDOVER ► Consultant: Dahab Associates	• PRIT	• RhumbLine Advisers	
ARLINGTON ► Custodian: State Street Bank & Trust	• PRIT	• Wilshire Associates Inc.	
ATTLEBORO ► Custodian: People's United Bank ► Consultant: Dahab Associates Inc.	• Amalgated Bank • BTG Pactual Timberland Investment Group • Copeland Capital Management • Fidelity Institutional Asset Management • Frontier Capital Management Co., LLC	• Hancock Timber Resource Group, Inc. • Intercontinental Real Estate Corp. • Invesco Core Real Estate USA, LP • Invesco National Trust Company • Peregrine Capital	• PRIT • RhumbLine Advisers • State Street Global Advisors • Van Eck
BARNSTABLE COUNTY	• PRIT	• UBS Realty Investors, LLC	
BELMONT ► Custodian: People's United Bank ► Consultant: NEPC, LLC	• AEW Capital Management, LP • Atlanta Capital • Carillion Tower Advisors	• Harbourvest Partners, LLC • Loomis, Sayles & Company • Pacific Investment Management Company, LLC	• PRIT • RhumbLine Advisers • Rothschild Asset Management Inc.
BERKSHIRE COUNTY	• PRIT		
BEVERLY	• PRIT		
BLUE HILLS REGIONAL	• PRIT		
BOSTON (CITY) ► Custodian: State Street Bank & Trust ► Consultant: NEPC, LLC	• 57 Stars, LLC • AEW Capital Management, LP • Alcentra NY, LLC • Aberdeen Asset Management • 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 • Bernzott Capital Advisors • BlackRock Advisors, LLC • Blackstone Alternative Asset Management Assoc. • Blue Point Capital Partners, LLC • Boston Millennia Partners • Brookfield Asset Management • CCMP Capital Advisors, LLC • Carlyle Realty Partners • Columbia Management Investment Advisors, LLC • Crescent Capital Group, LP • CVC Capital Partners • DDJ Capital Management • D.E. Shaw Investment Management, LLC • DRC Capital, LLP • Dune Capital Management, LP • Energy Spectrum Partners	• EnTrust Global Partners • Federal Street Partners, LLC • GAM, US • Goldentree Asset Management, LP • Grosvenor Capital Management, LP • Hamilton Lane • HarbourVest Partners, LLC • Hearthstone Inc. • H.I.G. Capital • Incline Elevate • Income Research & Management • Insight Venture Management • Intercontinental Real Estate Corp. • Invesco Core Real Estate USA, LP • J.F. Lehman & Company, Inc. • J.P. Morgan Investment Management • Kayne Anderson Capital Advisors, LP • Lazard Asset Management, LLC • Lexington Partners, LP • Lighthouse Investment Partners • Loomis, Sayles & Company • Mesirow Advanced Strategies, Inc. • MPM Capital, LP • NGP Energy Capital Management, LLC • Oaktree Capital Management, LP • PanAgora Asset Management, Inc. • Perella Weinberg Partners Capital Management, LP	• Polunin Capital Partners • Prudential Capital Partners • Prudential Real Estate Investors • RhumbLine Advisers • Roark Capital Partners • Sanderling Ventures • SCP Private Equity Partners • Segall Bryant & Hamill • Siguler Guff Advisers, LLC • SL Capital Partners • State Street Global Advisors • Sterling Fund Management • TA Realty • TH Lee Putnam Ventures • THL Credit Senior Loan Strategies, LLC • Thomas H. Lee Partners, LP • Thoma Bravo, LLC • Todd Asset Management • Tristan Capital Partners • 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
BOSTON TEACHERS	• PRIT		

RETIREMENT BOARD	INVESTMENT VENDORS		
BRAINTREE ► Custodian: SEI Private Trust Company	<ul style="list-style-type: none"> Lexington Partners, LP 	<ul style="list-style-type: none"> PRIT 	<ul style="list-style-type: none"> SEI Investments Management Corporation
BRISTOL COUNTY ► Custodian: People's United Bank ► Consultant: Segal Marco Advisors	<ul style="list-style-type: none"> Aberdeen Asset Management Arrowstreet Capital, LP Ashmore Investment Advisors, Ltd. BlackRock Investment Management, LLC Brookfield Timberlands Management, LP Clearbridge Investments Columbia Management Investment Advisers, LLC DN Partners Dupont Capital Management Earnest Partners, LLC Fiera Capital Inc. 	<ul style="list-style-type: none"> Fiduciary Trust International Frontier Capital Management Co., LLC GCM Customized Fund Investment Group Goldentree Asset Management, LP IFM Investors (US) Advisor Income Research & Management Intercontinental Real Estate Corp. Lazard Asset Management, LLC LSV Asset Management Lyrical Asset Management, LP 	<ul style="list-style-type: none"> Mesirow Financial Private Equity Advisors, Inc. Pacific Investment Management Company (PIMCO) Polaris Capital Management, LLC PRIT RBC Global Asset Management (U.S.), Inc. RREEF Management, LLC Stone Harbor Investment Partners TerraCap Management, LLC Timberland Investment Resources, LLC WL Ross & Co., LLC
BROCKTON ► Custodian: SEI Private Trust Company ► Consultant: Fiduciary Investment Advisors, LLC	<ul style="list-style-type: none"> Aberdeen Asset Management Arsenal Real Estate Partners Ascent Venture Partners HealthPoint, LLC 	<ul style="list-style-type: none"> Invesco Private Capital Landmark Partners, LLC Mesirow Financial Investment Management, Inc. 	<ul style="list-style-type: none"> Oppenheimer Alternative Investment Management SEI Investments Management Corp. Siguler Guff Advisers, LLC
BROOKLINE	<ul style="list-style-type: none"> Hancock Timber Resource Group, Inc. HarbourVest Partners, LLC 	<ul style="list-style-type: none"> Invesco Private Capital, Inc. Lexington Partners, LP 	<ul style="list-style-type: none"> PRIT Sustainable Woodlands Partners, LLC
CAMBRIDGE ► Custodian: People's United Bank ► Consultant: Segal Marco Advisors	<ul style="list-style-type: none"> Aberdeen Asset Management AEW Capital Management, LP Ascent Venture Partners BlackRock Investment Management, LLC Brandywine Global Investment Management, LLC Campbell Global LLC Fidelity Institutional Asset Management Hamilton Lane Hancock Natural Resource Group, Inc. IFM Investors (US) Advisor, LLC 	<ul style="list-style-type: none"> 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. Mellon Investments Corporation Penn Square Global Real Estate Group, LLC 	<ul style="list-style-type: none"> PineBridge Investments, 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 Wellington Management Company
CHELSEA	<ul style="list-style-type: none"> PRIT 		
CHICOPEE ► Custodian: SEI Private Trust Company	<ul style="list-style-type: none"> PRIT 	<ul style="list-style-type: none"> SEI Investments Management Corp. 	
CLINTON ► Consultant: Trust Advisory Group, Ltd.	<ul style="list-style-type: none"> PRIT 		
CONCORD ► Custodian: Comerica Securities ► Consultant: Fiduciary Investment Advisors, LLC	<ul style="list-style-type: none"> Acadian Asset Management, LLC PRIT 	<ul style="list-style-type: none"> Rhumbline Advisers Russell Investment Group 	<ul style="list-style-type: none"> Wellington Management
DANVERS ► Custodian: People's United Bank ► Consultant: Graystone Consulting	<ul style="list-style-type: none"> Barings, LLC BMO Asset Management Corporation Eagle Capital Management, LLC 	<ul style="list-style-type: none"> Gerber-Taylor Management Company PRIT RhumbLine Advisers 	<ul style="list-style-type: none"> TA Realty TWIN Capital Management Western Asset Management Co.
DEDHAM	<ul style="list-style-type: none"> PRIT 		
DUKES COUNTY ► Custodian: People's United Bank ► Consultant: Dahab Associates, Inc.	<ul style="list-style-type: none"> Atlanta Capital Garcia Hamilton & Associates LP 	<ul style="list-style-type: none"> Polen Capital Management, LLC PRIT 	<ul style="list-style-type: none"> Rothschild Asset Management, Inc.
EASTHAMPTON	<ul style="list-style-type: none"> PRIT 		

RETIREMENT BOARD	INVESTMENT VENDORS		
ESSEX COUNTY	<ul style="list-style-type: none"> Ascent Venture Partners BlackRock Investment Management, LLC Boston Millennia Partners 	<ul style="list-style-type: none"> Intercontinental Real Estate Corp. Levine Leichtman Capital Partners, Inc.. 	<ul style="list-style-type: none"> PRIT Principal Real Estate Investors, LLC
EVERETT	<ul style="list-style-type: none"> PRIT 		
FAIRHAVEN	<ul style="list-style-type: none"> PRIT 		
FALL RIVER	<ul style="list-style-type: none"> PRIT 	<ul style="list-style-type: none"> SL Capital Partners, LLP 	
FALMOUTH <ul style="list-style-type: none"> ► Custodian: People's United Bank ► Consultant: Wainwright Investment Counsel, LLC 	<ul style="list-style-type: none"> Aristotle Capital Management, LLC Dimensional Fund Advisors, LP Hamilton Lane HGK Asset Management, Inc. Lexington Partners, LP 	<ul style="list-style-type: none"> LMCG Investments, LLC Lord Abbett & Co., LLC Mesirow Financial Private Equity Advisors, Inc. PRIT Principal Real Estate Investors, LLC 	<ul style="list-style-type: none"> RhumbLine Advisers SEI Trust Company Siguler Guff Advisers, LLC State Street Global Advisors TerraCap Partners
FITCHBURG	<ul style="list-style-type: none"> PRIT 	<ul style="list-style-type: none"> TA Realty 	
FRAMINGHAM	<ul style="list-style-type: none"> PRIT 		
FRANKLIN COUNTY <ul style="list-style-type: none"> ► Custodian: Comerica Bank ► Consultant: Dahab Associates, Inc. 	<ul style="list-style-type: none"> Aberdeen Asset Management Chartwell Investment Partners Fiera Capital Inc. 	<ul style="list-style-type: none"> Loomis, Sayles & Company O'Shaughnessy Asset Management, LLC 	<ul style="list-style-type: none"> Polen Capital Management, LLC PRIT
GARDNER	<ul style="list-style-type: none"> PRIT 		
GLOUCESTER	<ul style="list-style-type: none"> PRIT 		
GREATER LAWRENCE <ul style="list-style-type: none"> ► Custodian: BNY Mellon Asset Servicing 	<ul style="list-style-type: none"> Seaward Management 		
GREENFIELD	<ul style="list-style-type: none"> PRIT 		
HAMPDEN COUNTY <ul style="list-style-type: none"> ► Consultant: Segal Marco Advisors 	<ul style="list-style-type: none"> GCM Customized Fund Investment Group 	<ul style="list-style-type: none"> Invesco Private Capital, Inc. 	<ul style="list-style-type: none"> PRIT
HAMPSHIRE COUNTY <ul style="list-style-type: none"> ► Consultant: NEPC, LLC 	<ul style="list-style-type: none"> Ascent Venture Partners Barings LLC Colchester Global Investors Glouston Capital Partners, LLC Lexington Partners, LP 	<ul style="list-style-type: none"> Massachusetts Financial Services Company Perella Weinberg Partners Capital Management, LP Polaris Capital Management, LLC Portfolio Advisors, LLC 	<ul style="list-style-type: none"> PRIT RBC Global Asset Management (U.S.) Inc. RhumbLine Advisers Shenkman Capital Management, Inc.
HAVERHILL <ul style="list-style-type: none"> ► Custodian: People's United Bank ► Consultant: Wainwright Investment Counsel, LLC 	<ul style="list-style-type: none"> Fisher Investments Global Forest Partners, LP Globespan Capital Management, Inc. GrandBanks Capital 	<ul style="list-style-type: none"> Income Research & Management Mesirow Financial Institutional Real Estate Molpus Woodlands Group, LLC PRIT 	<ul style="list-style-type: none"> Putnam Advisory Company, LLC Stafford Private Equity, Inc. TerraCap Management The DSF Group
HINGHAM	<ul style="list-style-type: none"> PRIT 		
HOLYOKE <ul style="list-style-type: none"> ► Consultant: Segal Marco Advisors 	<ul style="list-style-type: none"> Aberdeen Asset Management Acadian Asset Management, LLC Aristotle Capital Management Constitution Capital Partners, LLC Fidelity Institutional Asset Management Industry Capital Advisors—Berkley Partners LMCG Investments Long Wharf Real Estate Partners, LLC 	<ul style="list-style-type: none"> Loomis, Sayles & Company Mellon Investments Mesirow Financial Private Equity Advisors, Inc. Monroe Capital Oberweis Asset Management, Inc. Polaris Capital Management, LLC PRIT Putnam Investment Management, LLC 	<ul style="list-style-type: none"> RBC Global Asset Management (U.S.) Inc. Seizert Capital Partners, LLC State Street Global Advisors TerraCap Management, LLC Wasatch Advisors, Inc. Wells Capital Management, Inc. Western Asset
HULL	<ul style="list-style-type: none"> PRIT 		
LAWRENCE	<ul style="list-style-type: none"> PRIT 		
LEOMINSTER <ul style="list-style-type: none"> ► Custodian: State Street Bank & Trust 	<ul style="list-style-type: none"> PRIT 		

RETIREMENT BOARD	INVESTMENT VENDORS		
LEXINGTON ► Custodian: People's United Bank ► Consultant: Meketa Investment Group, Inc.	<ul style="list-style-type: none"> Acadian Asset Management, LLC Angelo, Gordan & Co., LP Driehaus Capital Management, LLC Fidelity Investments Fiduciary Management, Inc. 	<ul style="list-style-type: none"> Golub Capital Partners Kayne Anderson Rudnick Investment Management Matthews International Capital Management, LLC Monroe Capital 	<ul style="list-style-type: none"> PRIT RhumbLine Advisers Wellington Management Company, LLP White Oak Global Advisors, LLC
LOWELL ► Custodian: People's United Bank	<ul style="list-style-type: none"> Ascent Venture Partners 	<ul style="list-style-type: none"> Boston Millennia Partners 	<ul style="list-style-type: none"> PRIT
LYNN	<ul style="list-style-type: none"> Ascent Venture Partners BlackRock Investment Management, LLC 	<ul style="list-style-type: none"> BlackRock Realty Advisors, Inc. 	<ul style="list-style-type: none"> PRIT
MALDEN ► Custodian: State Street Bank & Trust	<ul style="list-style-type: none"> De Burlo Group, Inc. 		
MARBLEHEAD	<ul style="list-style-type: none"> PRIT 		
MARLBOROUGH ► Custodian: Comerica Bank ► Consultant: Meketa Investment Group, Inc.	<ul style="list-style-type: none"> Clarion Partners Colony Realty Partners Constitution Capital Partners, LLC Dimensional Fund Advisors LP Driehaus Capital Management, LLC 	<ul style="list-style-type: none"> Fiduciary Management, Inc. Frontier Capital Management Co., LLC HarbourVest Partners, LLC Payden & Rygel RhumbLine Advisers 	<ul style="list-style-type: none"> Rockwood Capital Shenkman Capital Management, Inc. SL Capital Partners, LLP State Street Global Advisors
MHFA ► Custodian: People's United Bank ► Consultant: Meketa Investment Group, Inc.	<ul style="list-style-type: none"> Aberdeen Asset Management AEW Capital Management, LP Ascent Venture Partners Columbia Management Investment Advisers, LLC Constitution Capital Partners, LLC Dimensional Fund Advisors, LP 	<ul style="list-style-type: none"> GQC Partners, LLC Goldman Sachs Asset Management, LP HarbourVest Partners, LLC IFM Investors Advisor Intercontinental Real Estate Corporation LMCG Investments, LLC 	<ul style="list-style-type: none"> Longfellow Investment Management Lord Abbett & Co., LLC MetLife Investment Management State Street Global Advisors TA Realty
MASSPORT ► Custodian: People's United Bank ► Consultant: Wilshire Associates	<ul style="list-style-type: none"> Baillie Gifford Overseas Limited PRIT 	<ul style="list-style-type: none"> Pzena Investment Management, LLC State Street Global Advisors 	<ul style="list-style-type: none"> Wellington Management Company, LLP
MTRS (Mass Teachers' Retirement System)	<ul style="list-style-type: none"> PRIT 		
MWRA ► Custodian: People's United Bank ► Consultant: NEPC, LLC	<ul style="list-style-type: none"> Alcentra NY, LLC Ascent Venture Partners Boston Company Asset Management, LLC Boston Partners CarVal Investors Castile Ventures Cerberus Capital Management, LP Coho Partners, Ltd. Constitution Capital Partners LLC Corbin Capital Partners LP Courtland Partners EnTrust Global Partners Foundry Group, LLP 	<ul style="list-style-type: none"> Garcia Hamilton & Associates LP Invesco Private Capital, Inc. J.F. Lehman & Company Kayne Anderson Capital Advisors, LP Landmark Partners, LLC Lee Munder Capital Group, LLC Loomis, Sayles & Company Lord, Abbett & Co. LLC Morgan Stanley Octagon Credit Investors, LLC Pacific Investment Management Company, LLC Park Square Capital Pinebridge Investments, LLC 	<ul style="list-style-type: none"> Polen Capital Management, LLC PRIT Private Advisors, LLC RhumbLine Advisers Schroders Investment Management North America, Inc. SEI Trust Corporation Select Equity Group, LP TA Realty TerraCap Management, LLC UBS Hedge Fund Solutions, LLC WL Ross & Co., LLC
MAYNARD ► Custodian: People's United Bank	<ul style="list-style-type: none"> Boston Advisors, LLC 	<ul style="list-style-type: none"> PRIT 	
MEDFORD ► Custodian: People's United Bank ► Consultant: NEPC, LLC	<ul style="list-style-type: none"> Ashmore Investment Advisor Limited City of London Investment Management Garcia Hamilton & Associates LP Lazard Asset Management, LLC 	<ul style="list-style-type: none"> Loomis, Sayles & Company PRIT RhumbLine Advisers 	<ul style="list-style-type: none"> Standard Life Investment Western Asset Management Company William Blair & Company, LLC
MELROSE	<ul style="list-style-type: none"> Ascent Venture Partners 	<ul style="list-style-type: none"> Invesco Private Capital, Inc. 	<ul style="list-style-type: none"> PRIT

RETIREMENT BOARD	INVESTMENT VENDORS		
METHUEN	<ul style="list-style-type: none"> BlackRock Investment Management, LLC 	<ul style="list-style-type: none"> PRIT 	
MIDDLESEX COUNTY ▶ Custodian: State Street Bank & Trust	<ul style="list-style-type: none"> Ares Management, LLC Ascent Venture Partners Auda Private Equity, LLC 	<ul style="list-style-type: none"> Boston Millennia Partners Global Forest Partners, LP 	<ul style="list-style-type: none"> Globespan Capital Management, Inc. PRIT
MILFORD	<ul style="list-style-type: none"> PRIT 		
MILTON	<ul style="list-style-type: none"> PRIT 		
MINUTEMAN REGIONAL	<ul style="list-style-type: none"> PRIT 		
MONTAGUE	<ul style="list-style-type: none"> PRIT 		
NATICK ▶ Custodian: People's United Bank ▶ Consultant: Fiduciary Investment Advisors, LLC	<ul style="list-style-type: none"> PRIT 	<ul style="list-style-type: none"> SEI Investments Management Corp. 	<ul style="list-style-type: none"> SL Capital Partners, LLP
NEEDHAM	<ul style="list-style-type: none"> PRIT 		
NEW BEDFORD ▶ Consultant: Segal Marco Advisors	<ul style="list-style-type: none"> Aberdeen Asset Management, Inc. Acadian Asset Management, LLC Hamilton Lane Hancock Natural Resource Group, Inc. Intercontinental Real Estate Corp. Invesco Private Capital, Inc. Lexington Advisors, Inc. 	<ul style="list-style-type: none"> Loomis, Sayles & Company Mellon Investments Mesirow Private Equity Advisors, Inc. Neuberger Berman Management Pacific Investment Management Company (PIMCO) SEI Trust Company 	<ul style="list-style-type: none"> State Street Global Advisors Limited TA Realty UBS Realty Investors, LLC Wellington Management Company, LLP Westfield Capital Management Company, LP Wilton Asset Management, LLC
NEWBURYPORT	<ul style="list-style-type: none"> PRIT 		
NEWTON	<ul style="list-style-type: none"> PRIT 		
NORFOLK COUNTY ▶ Custodian: People's United Bank ▶ Consultant: Wainwright Investment Counsel, LLP	<ul style="list-style-type: none"> Amundi Pioneer Institutional Asset Mgmt., Inc. ArcLight Capital Partners, LLC Aristotle Capital Management, LLC Ascend Ventures Group, LLC BNY Mellon Asset Management N.A. Boston Millennia Partners Cadence Capital Management, Inc. Constitution Capital Partners, LLC Corsair Capital LLC Dalton Greniere Asset Management, Inc. D.E. Shaw Investment Management, LLC DSF Group 	<ul style="list-style-type: none"> EnTrust Partners, LLC Gamco Asset Management, Inc. Gerding Edlen Investment Management, LLC Globespan Capital Management, Inc. Goldentree Asset Management, LP Hamilton Lane HarbourVest Partners, LLC Income Research & Management Intercontinental Real Estate Corporation Invesco Private Capital, Inc. Lazard Asset Management, LLC LLM Capital Partners 	<ul style="list-style-type: none"> LMCG Investments Loomis, Sayles & Company Mesirow Capital Partners IX, LP Mesirow Financial Institutional Real Estate MFS International Advisors, Inc. PRIT RhumbLine Advisers Seizert Capital Partners, LLC Siguler Guff Advisors, LLC TerraCap Management Wellington Management Company, LLP
NORTH ADAMS ▶ Custodian: People's United Bank	<ul style="list-style-type: none"> De Burlo Group, Inc. 	<ul style="list-style-type: none"> PRIT 	
NORTH ATTLEBORO ▶ Custodian: People's United Bank ▶ Consultant: Dahab Associates, Inc.	<ul style="list-style-type: none"> AmSouth Bank Aristotle Capital Management, LLC Atlanta Capital Axiom International Investors, LLC Blackrock Realty Advisors, Inc. 	<ul style="list-style-type: none"> Brandes Investment Partners, LP Chicago Equity Partners, LLC Davenport & Company, LLC Intercontinental Real Estate Corporation 	<ul style="list-style-type: none"> Lazard Asset Management, LLC Loomis, Sayles & Company RhumbLine Advisers Vontobel Asset Management, Inc.
NORTHAMPTON ▶ Custodian: People's United Bank	<ul style="list-style-type: none"> De Burlo Group, Inc. 	<ul style="list-style-type: none"> PRIT 	

RETIREMENT BOARD	INVESTMENT VENDORS		
NORTHBRIDGE	<ul style="list-style-type: none"> • PRIT 		
NORWOOD ▶ Custodian: People's United Bank ▶ Consultant: Meketa Investment Group, Inc.	<ul style="list-style-type: none"> • Aberdeen Asset Management, Inc. • American Funds • Aristotle Capital Management, LLC • Atlanta Capital • Boston Company Asset Management, LLC 	<ul style="list-style-type: none"> • Columbia Management Investment Advisors, LLC • Constitution Capital Partners • Dimensional Fund Advisors, LP • HarbourVest Partners, LLC • IFM Investors Advisor 	<ul style="list-style-type: none"> • Landmark Partners, LLC • PRIT • RhumbLine Advisers • State Street Global Advisors
PEABODY	<ul style="list-style-type: none"> • PRIT 		
PITTSFIELD	<ul style="list-style-type: none"> • PRIT 	<ul style="list-style-type: none"> • SL Capital Partners, LLP 	
PLYMOUTH ▶ Custodian: People's United Bank ▶ Consultant: Fiduciary Investment Advisors, LLC	<ul style="list-style-type: none"> • Acadian Asset Management • Aristotle Capital Management, LLC • Barings LLC • BlackRock Advisors, LLC • Boston Advisors, LLC 	<ul style="list-style-type: none"> • Boston Trust Investment Management, Inc. • Columbia Management Investment Advisors • Invesco Trust Company • PRIT • Rhumbline Advisers 	<ul style="list-style-type: none"> • Robeco Institutional Asset Management Inc. • Templeton Investment Counsel • Wellington Management Company, LLP • Westfield Capital Management Company, LP
PLYMOUTH COUNTY ▶ Custodian: State Street Bank & Trust ▶ Consultant: Meketa Investment Group	<ul style="list-style-type: none"> • ABS Investment Management, LLC • AEW Capital Management, LP • Akina Limited • Ascent Venture Partners • Audax Management Company (NY), LLC • Basalt Infrastructure Partners • Boston Company Asset Management, LLC • BTG Pactual Timberland Investment Group • Carlyle Investment Management • Charlesbank Capital Partners, LLC • Constitution Capital Partners, LLC • Copper Rock Capital Partners • DN Partners • Driehaus Capital Management, LLC • DSF Group • Eaton Vance Investment Counsel • Entrust Global Partners • Fisher Investments 	<ul style="list-style-type: none"> • First Eagle Investment Management • Franklin Templeton Investment Management • Freeman Spogoli Management • Global Infrastructure Management, LLC • Globespan Capital Management, Inc. • HarborVest Partner • HGK Asset Management, Inc. • IFM Investors Advisor • Income Research & Management • Invesco Trust Company • John Hancock Trust Company • J.P. Morgan Investment Management, Inc. • KBI Global Investors (North America Ltd.) • Kopernik Global Investors • Landmark Partners, LLC • Leeds Equity Partner • Lexington Partners, LP 	<ul style="list-style-type: none"> • LLR Management • LMCG Investments • Lord, Abbett & Company • Mesirow Financial Capital Partners X, LP • Mesirow Financial Institutional Real Estate • Prudential Real Estate Investors • RhumbLine Advisers • Ridgemont Equity Partners • SEI Trust Company • Siguler Guff Advisers, LLC • Summit Partners, LP • TA Realty • THL Credit Advisors, LLC • TimberVest, LLC • Trilantic Capital Management L.P. • Wellington Management • Wellspring Capital Management, LLC
QUINCY ▶ Custodian: People's United Bank ▶ Consultant: Meketa Investment Group, Inc.	<ul style="list-style-type: none"> • 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 • Driehaus Capital Management, LLC • Freeman Spogli Management • Global Infrastructure Management 	<ul style="list-style-type: none"> • Goldman Sachs Asset Management, LP • Hancock Timber Resource Group, Inc. • HarborVest Partners • IFM Investors Advisor • J.P. Morgan Investment Management • LLR Management • Loomis, Sayles & Company • Oppenheimer Alternative Investment Management • PRIT • RhumbLine Advisers 	<ul style="list-style-type: none"> • Ridgemont Equity Partners • Rockwood Capital • SL Capital Partners, LLP • State Street Global Advisors • Stone Harbor Investment Partners, LP • TA Realty • TerraCap Management, LLC • Torchlight Investors, LLC • Trilantic Capital Management L.P. • UBS Realty Investors, LLC • Wellspring Capital Management
READING ▶ Custodian: Fiduciary Investment Advisors, LLC	<ul style="list-style-type: none"> • PRIT 		
REVERE	<ul style="list-style-type: none"> • PRIT 		
SALEM	<ul style="list-style-type: none"> • Ascent Venture Partners 	<ul style="list-style-type: none"> • PRIT 	

RETIREMENT BOARD	INVESTMENT VENDORS		
SAUGUS ▶ Custodian: People's United Bank ▶ Consultant: Wainwright Investment Counsel, LLP	<ul style="list-style-type: none"> Aristotle Capital Management, LLC Lord Abbett & Co., LLC LMCG Investment 	<ul style="list-style-type: none"> Massachusetts Financial Services Co. PRIT 	<ul style="list-style-type: none"> RhumbLine Advisers SEI Trust
SHREWSBURY ▶ Custodian: People's United Bank ▶ Consultant: Dahab Associates, Inc.	<ul style="list-style-type: none"> Atlanta Capital Earnest Partners 	<ul style="list-style-type: none"> Fiera Capital Inc. 	<ul style="list-style-type: none"> PRIT
SOMERVILLE ▶ Custodian: Comerica Securities	<ul style="list-style-type: none"> Congress Asset Management Company, LLP Lazard Asset Management, LLC 	<ul style="list-style-type: none"> Loomis, Sayles & Company PRIT 	<ul style="list-style-type: none"> RhumbLine Advisers UBS Realty Investors, LLC
SOUTHBRIDGE	<ul style="list-style-type: none"> PRIT 		
SPRINGFIELD ▶ Custodian: People's United Bank	<ul style="list-style-type: none"> Boston Millennia Partners 	<ul style="list-style-type: none"> PRIT 	
STATE	<ul style="list-style-type: none"> PRIT 		
STONEHAM ▶ Custodian: SEI Private Trust Company ▶ Consultant: Fiduciary Investment Advisors, LLC	<ul style="list-style-type: none"> PRIT 	<ul style="list-style-type: none"> SEI Investments Management Corp. 	
SWAMPSCOTT ▶ Custodian: People's United Bank ▶ Consultant: Dahab Associates	<ul style="list-style-type: none"> Aristotle Capital Management, LLC Intercontinental Real Estate Corporation 	<ul style="list-style-type: none"> LMCG Investments, LLC North Sky Capital, LLC 	<ul style="list-style-type: none"> PRIT TA Realty
TAUNTON ▶ Custodian: People's United Bank ▶ Consultant: Dahab Associates, Inc.	<ul style="list-style-type: none"> Aberdeen Asset Management BlackRock Investment Management, LLC Boston Millennia Partners Brandywine Global Investment Management, LLC Ceres Partners, LLC C.S. McKee, LP Frontier Capital Management Co., LLC GAM International Management Limited 	<ul style="list-style-type: none"> Glovista Investments, LLC Intercontinental Real Estate Corporation Invesco Core Real Estate USA, LP LMCG Investments, LLC Manulife Asset Management, LLC Molpus Woodlands Group, LLC Polen Capital Management, LLC PRIT 	<ul style="list-style-type: none"> Quantitative Management Association Segall Bryant & Hamill State Street Global Advisors TimberVest, LLC Vontobel Asset Management, Inc. Weaver C. Barksdale & Associates Wells Capital Management, Inc.
WAKEFIELD	<ul style="list-style-type: none"> PRIT 		
WALTHAM ▶ Custodian: SEI Private Trust Company ▶ Consultant: Fiduciary Investment Advisors, LLC	<ul style="list-style-type: none"> Precision Capital Advisors, LLC 	<ul style="list-style-type: none"> PRIT 	<ul style="list-style-type: none"> RCP Advisors, LLC SEI Investments Management Corporation
WATERTOWN ▶ Custodian: People's United Bank ▶ Consultant: Fiduciary Investment Advisors, LLC	<ul style="list-style-type: none"> Acadian Asset Management, LLC American Realty Advisors Arsenal Real Estate Funds, LLC Ascent Venture Partners Auda Private Equity, LLC Brandywine Global Investment Management, LLC Columbia Management Investment Advisors, LLC 	<ul style="list-style-type: none"> Earnest Partners, LLC Eaton Vance Management Income Research & Management LMCG Investment Massachusetts Financial Services Company Pinebridge Investment, LLC 	<ul style="list-style-type: none"> PRIT RCP Advisors, LLC SEI Trust Company TA Realty TerraCap Management, LLC Wellington Management Company, LLP
WEBSTER ▶ Custodian: People's United Bank ▶ Consultant: Wainwright Investment Counsel, LLC	<ul style="list-style-type: none"> Aristotle Capital Management, LLC HGK Asset Management Inc. LMCG Investments 	<ul style="list-style-type: none"> Loomis, Sayles & Company PRIT 	<ul style="list-style-type: none"> RhumbLine Advisers SEI Trust Company
WELLESLEY	<ul style="list-style-type: none"> PRIT 		

RETIREMENT BOARD		INVESTMENT VENDORS	
WEST SPRINGFIELD ► Custodian: Comerica	<ul style="list-style-type: none"> De Burlo Group, Inc. 		
WESTFIELD ► Custodian: Fiduciary Investment Advisors, LLC	<ul style="list-style-type: none"> 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 	<ul style="list-style-type: none"> Lazard Asset Management, LLC LMCG Investments Long Wharf Real Estate Partners, LLC Loomis, Sayles & Company Polaris Capital Management, LLC PRIT 	<ul style="list-style-type: none"> RBC Global Asset Management (U.S.), Inc. SEI Trust Company State Street Global Advisors TerraCap Management Wasatch Advisors, Inc. Wells Capital Management, Inc.
WEYMOUTH ► Custodian: Comerica ► Consultant: Fiduciary Investment Advisors, LLC	<ul style="list-style-type: none"> Acadian Asset Management, LLC Adams Street Partners Amundi Pioneer Institutional Asset Mgmt., Inc. Ashmore Investment Advisors BlackRock Advisors, LLC Boston Company Asset Management, LLC Brandywine Global Investment Management, LLC Constitution Capital Partners, LLC 	<ul style="list-style-type: none"> Harbor Capital Advisors Inc. HarbourVest Partners, LLC Invesco Private Capital, Inc. Landmark Partners, LLC Loomis, Sayles & Company OFI Global Institutional, Inc. Principal Global Investors LLC 	<ul style="list-style-type: none"> PRIT RhumblLine Advisers Riverbridge Partners, LLC Sigular Guff Advisers, LLC Stockbridge Core and Value Advisors TerraCap Management, LLC Wasatch Advisors
WINCHESTER	<ul style="list-style-type: none"> PRIT 		
WINTHROP	<ul style="list-style-type: none"> PRIT 		
WOBURN ► Custodian: People's United Bank ► Consultant: Wainwright Investment Counsel, LLC	<ul style="list-style-type: none"> Charlesbank Capital Partners, LLC PRIT 	<ul style="list-style-type: none"> Stafford Private Equity Inc. 	<ul style="list-style-type: none"> Wilshire Associates, Inc.
WORCESTER ► Custodian: People's United Bank ► Consultant: Meketa Investment Group	<ul style="list-style-type: none"> 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 	<ul style="list-style-type: none"> 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 	<ul style="list-style-type: none"> Northstar Company, LLC PRIT Ridgmont Equity Partners Riverside Company SL Capital Partners, LLP State Street Global Advisors TA Associates Management Vitruvian Partners, LLP White Deer Energy
WORCESTER REGIONAL	<ul style="list-style-type: none"> AEW Capital Management, LP Ascent Venture Partners 	<ul style="list-style-type: none"> PRIT 	<ul style="list-style-type: none"> SL Capital

PRIM INVESTMENT VENDORS (ORGANIZED BY SERVICE PROVIDER TYPE)

► Custodian:

- BNY Mellon

► Consultants:

- **Aberdeen Asset Management** - Portfolio Completion Strategies Advisory Services
- **Callan Associates** - Public Market Advisory Services
- **Hamilton Lane** - Private Equity Advisory Services
- **NEPC, LLC** - Asset Allocation Advisory Services
- **NewAlpha Asset Management** - Portfolio Completion Strategies Advisory Services
- **The Townsend Group** - Real Estate Advisory Services

DOMESTIC EQUITY MANAGERS

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| <ul style="list-style-type: none"> • Acadian Asset Management, LLC • Brandywine Global Investment Management • Driehaus Capital Management, LLC | <ul style="list-style-type: none"> • Frontier Capital Management • Goldman Sachs Investment Management • Lord, Abnett & Co., LLC | <ul style="list-style-type: none"> • Riverbridge Partners • Summit Creek Advisors • State Street Global Advisors |
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INTERNATIONAL EQUITY MANAGERS

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| <ul style="list-style-type: none"> • Acadian Asset Management, LLC • AQR Capital • Baillie Gifford • FIS Group, Inc. | <ul style="list-style-type: none"> • LMCG Investment • Marathon Asset Management • Mondrian Investment Partners Ltd. • Russell Implementation Services | <ul style="list-style-type: none"> • State Street Global Advisors • Strategic Global Advisors • TimesSquare |
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EMERGING MARKET MANAGERS

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| <ul style="list-style-type: none"> • Acadian Asset Management, LLC • AQR Capital • Baillie Gifford • City of London Investment Management Co. | <ul style="list-style-type: none"> • Driehaus Capital Management, LLC • Harding Loevner • Pzena Investment Management | <ul style="list-style-type: none"> • State Street Global Advisors • T. Rowe Price • Wasatch Advisors Inc. |
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CORE FIXED INCOME MANAGERS

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| <ul style="list-style-type: none"> • Access Capital • AFL-CIO Housing Investment Trust | <ul style="list-style-type: none"> • Blackrock Financial Management, Inc. • Community Capital Management | <ul style="list-style-type: none"> • Loomis, Sayles & Company • Pacific Investment Management Co. (PIMCO) |
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VALUE-ADDED CORE FIXED INCOME MANAGERS

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| <ul style="list-style-type: none"> • 400 Capital Management • Anchorage Capital, LLC • Ashmore Investment Management, Ltd. • Berkshire Partners | <ul style="list-style-type: none"> • Eaton Vance Institutional Funds • Fidelity Management Trust Company • LibreMax Capital • Loomis, Sayles & Company | <ul style="list-style-type: none"> • Mudrick Capital Management, LP • Pacific Investment Management Co. (PIMCO) • Shenkman Capital Management • Voya Financial |
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ALTERNATIVE INVESTMENTS—REAL ESTATE MANAGERS

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| <ul style="list-style-type: none"> • AEW Capital Management • Brookfield Investment Management • Canyon Johnson II • Carlyle Group | <ul style="list-style-type: none"> • CBRE Global Investors • CenterSquare Investment Management • DivcoWest • Intercontinental IV | <ul style="list-style-type: none"> • Invesco Realty Advisors • LaSalle Investment Management • New Boston Urban Fund I • Stockbridge |
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ALTERNATIVE INVESTMENTS—TIMBERLAND

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| <ul style="list-style-type: none"> • Campbell Group, LLC | <ul style="list-style-type: none"> • Forest Investment Associates |
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ALTERNATIVE INVESTMENTS—PORTFOLIO COMPLETION STRATEGY MANAGERS

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| <ul style="list-style-type: none"> • 400 Capital Management • Advent Capital Management, LLC • AgIS Capital, LLC • Anchorage Capital, LLC • Arden Asset Management • Basswood Capital Management, LLC • Blackrock Aviation • Brigade Capital G.P., LLC • Cantab Capital Partners, LP • Canvas Capital • Capula Management Limited • CKC Capital, LLC • CVC Capital | <ul style="list-style-type: none"> • Complus Asset Management Limited • Contrarian Capital Management • Davidson Kempner Advisors, Inc. • East Lodge Capital • Elliot Capital Advisors, LP • Fir Tree Capital Management • Global Sigma Group, LLC • Goldman Sachs Asset Management • Informed Portfolio Management • Investcorp Investment Advisors, LLC • JEN Partners, LLC • Land and Buildings Investment Management | <ul style="list-style-type: none"> • Mudrick Capital Management, LP • Mygale, LLP • Pacific Alternative Asset Management Co. (PAAMCO) • PGIM, Inc. • RV Capital Management Pvt., Ltd. • Sightway Capital • Silver Creek Advisory Partners, LLC • Summit Partners Public Asset Management, LLC • Summit Ventures • Tiber Capital, LLC • Winton Capital Management |
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PRIM INVESTMENT VENDORS (Continued)

ALTERNATIVE INVESTMENTS—PRIVATE EQUITY AND DISTRESSED DEBT MANAGERS

<ul style="list-style-type: none"> • Acon Investments • Advent Capital Mgmt • Advent International • Alchemy Partners • Alta Communications • American Securities Capital Partners • Anchorage Capital, LLC • Angelo, Gordon & Co., LP • APAX Partners & Co. • Apollo Management Co. • Ascent Venture Partners • Austin Ventures • Avenue Capital Group • Bain Capital • Battery Ventures • Berkshire Partners • Blackstone Capital Partners • Boston Ventures • Bridgepoint Capital Limited • Candover • Carlyle Partners • Castille Ventures • Catalyst Investors • Centerbridge Capital • Centerbridge Special Credit Partners • Charlesbank Capital Partners • Charles River Ventures • Charterhouse Group • Chequers • Code, Hennessey & Simmons • Commonwealth Capital Ventures • Crescent Capital Group • Cypress Merchant Banking Partners • CVC Capital • Denham Capital Management • DLJ Merchant Banking Partners • El Dorado Ventures • Equitable Capital Management Corporation • Essex Woodlands Health Ventures 	<ul style="list-style-type: none"> • Ethos Private Equity • Exponent Private Equity Partners • First Reserve Corporation • Flagship Ventures • Freeman Spogli Equity Partners • GENSTAR Capital • Gilde Buy Out Partner AG • GSO Capital Partners • GTCR Golder Rauner • Hellman & Friedman Capital Partners • H.I.G. Capital Partners • Highland Capital Partners • Hony Capital • Index Ventures • Insight Venture Partners • Institutional Venture Partners • InterWest Partners • Kainos Capital, LLC • Kelso & Company • Kepha Partners • Keytone Ventures • Kohlberg Kravis Roberts and Co. • KPS Capital Partners • Landmark Equity Partners • Lovell Minnick Partners • Madison Dearborn Capital Partners • M/C Venture Partners • Medicxi Ventures • Menlo Ventures • Montagu • Montreux Equity Partners • Nautic Partners • New Enterprise Associates • Nordic Capital • Oaktree Capital Management • Odyssey Investment Partners • Olympus Advisors • Onex Capital Partners 	<ul style="list-style-type: none"> • PAI Europe • Permira Ventures • Polaris Venture Partners • Providence Equity Partners • Quad-C Management • Quantum Energy Partners • Rembrandt Venture Partners • Rhone Group, LLC • SAIF Partners • SCP Vitalife • Sherbrooke Capital • Sofinnova Ventures, Inc. • Spark Capital • Spectrum Equity • Summit Partners Public Asset Management, LLC • SV Life Sciences Advisors • TA Associates • Technology Crossover Ventures • Texas Pacific Group • The Gores 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 • Welsh, Carson, Anderson & Stowe • Weston Presidio Capital • WestView Capital Partners • Whitney & Company • Willis Stein • Xenon Private Equity, LTD • Trust Company of the West (TCW) • Wayzata Investment Partners
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OVERLAY MANAGERS (CASH)

- The Clifton Group