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	PRIT Fund		
Amesbury	PRIT Fund		
Andover Consultant: Dahab Associates	- PRIT Fund	Federated Hermes	RhumbLine Advisers
Arlington • Custodian: M&T Bank Wilmington Trust	PRIT Fund		
Attleboro • Custodian: M&T Bank Wilmington Trust • 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 Private Capital, Inc. Peregrine Capital 	PRIT FundRhumbLine AdvisersState Street Global AdvisorsVan Eck
Barnstable County	PRIT Fund		
Belmont • Custodian: M&T Bank Wilmington Trust • Consultant: NEPC, LLC	- PRIT Fund	 AEW Capital Management, LP Atlanta Capital Carillon Reams Goldentree Asset Management, LP HarbourVest Partners, LLC 	Loomis, Sayles & Company Pacific Investment Management Company, LLC RhumbLine Advisers Rothschild Asset Management Inc.
Berkshire County	PRIT Fund		
Beverly	PRIT Fund		
Blue Hills Regional	PRIT Fund		
Boston (City) • Custodian: State Street Bank & Trust • Consultant: NEPC, LLC	S7 Stars, LLC ABS Investment Management, LLC AEW Capital Management, LP Aberdeen Asset Management Alcentra NY, LLC Allspring Global Investments, Inc. American Securities Angelo, Gordon & Co., LP Apollo Global Management, Inc. Arclight Capital Partners, LLC Aristotle Capital Management, LLC Aristotle Capital Management, LLC Ascent Venture Partners Audax Group Aurora Management Partners Bain Capital Bernzott Capital Advisors BlackRock Advisors, LLC Blackstone Alternative Asset Management Assoc. 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 D.E. Shaw Investment Management, LLC DRC Capital, LLP Dune Capital Management, LP	 Energy Spectrum Partners Enfrust Global Partners FSN Capital Goldentree Asset Management, LP Grosvenor Capital Management, LP Hamilton Lane HarbourVest Partners, LLC H.I.G. Capital ICONIQ Capital, LLC Incline Elevate Income Research & Management Intercontinental Real Estate Corp. Invesco Core Real Estate USA, LP J.F. Lehman & Company, Inc. J.P. Morgan Kayne Anderson Capital Advisors, LP KPS Capital Partners, LP Lazard Asset Management, LLC Lexington Partners, LP Lighthouse Investment Partners Main Capital Partners B.V. Mesirow Advanced Strategies, Inc. MPM Capital, LP NGP Energy Capital Management, LLC Oaktree Capital Management, Inc. Perella Weinberg Partners Capital Management, LP Platinum Equity Advisors, LLC 	 Polen Capital Management, LLC 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 STG Partners, LLC Sterling Fund Management Summit Partners, LP TA Realty Technology Crossover Ventures THL Credit Senior Loan Strategies, LLC Thoma Bravo, LLC Todd Asset Management Tristan Capital Partners Vontobel Asset Management, Inc. Western Technology Westfield Capital Management Company, LP Westport Capital Partners, LLC Z Capital Partners, LLC Z Capital Partners, LLC Z Capital Partners, LLC Z Cevenbergen Capital Investments, LLC ZMC Advisors LP

Retirement Board		Investment Vendors	
Boston Teachers	PRIT Fund		
Braintree • Custodian: SEI Private Trust Company	SEI Investments	Lexington Partners, LP	PRIT Fund
Bristol County Custodian: M&T Bank Wilmington Trust Consultant: Segal Marco Advisors	 Aberdeen Asset Management Arrowstreet Capital, LP Ashmore Investment Advisors, Ltd. Bardin Hill Investment Partners BlackRock Investment Management, LLC Brookfield Timberlands Management, LP BTG Pactual Timberland Investment Group Ceres Partners, LLC Clearbridge Investments Columbia Management Investment Advisers, LLC DN Partners Dupont Capital Management 	 Earnest Partners, LLC Entrust Global Fiera Capital Inc. Fiduciary Trust International Frontier Capital Management Co., LLC GCM Customized Fund Investment Group Goldentree Asset Management, LP Grosvenor Capital Management, LP Hancock Timber Resource Group, Inc. IFM Investors (US) Advisor Intercontinental Real Estate Corp. Lazard Asset Management, LLC LSV Asset Management 	Lyrical Asset Management, LP Mesirow Financial Private Equity Advisors, Inc. Oaktree Capital Management, LP Northern Trust Investments, Inc. Pacific Investment Management Company (PIMCO) Polaris Capital Management, LLC PRIT Fund RBC Global Asset Management (U.S.), Inc. RREEF Management, LLC Stone Harbor Investment Partners TerraCap Management, LLC Timberland Investment Resources, LLC William Blair Investment Management, LLC
Brockton ► Custodian: SEI Private Trust Company ► Consultant: Fiducient Advisors, LLC	= SEI Investments	Aberdeen Asset Management Ascent Venture Partners	Landmark Partners, LLC Siguler Guff Advisers, LLC
Brookline	PRIT Fund	Hancock Timber Resource Group, Inc. HarbourVest Partners, LLC Invesco Private Capital, Inc.	Lexington Partners, LP Sustainable Woodlands Partners, LLC
Cambridge ► Custodian: M&T Bank Wilmington Trust ► Consultant: Segal Marco Advisors	Aberdeen Asset Management Acadian Asset Management BlackRock Investment Management, LLC Campbell Global LLC Fidelity Institutional Asset Management Garcia Hamilton & Associates, LP Hamilton Lane Hancock Natural Resource Group, Inc. IFM Investors (US) Advisor, LLC	 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 	 PineBridge Investments, LLC Polaris Capital Management, LLC PRIT Fund RBC Global Asset Management (U.S.), Inc. RhumbLine Advisers Rockwood Capital, LLC UBS Realty Advisors, LLC Wellington Management Company
Chelsea	PRIT Fund		
Chicopee • Custodian: SEI Private Trust Company	SEI Investments	• PRIT Fund	
Clinton Consultant: Trust Advisory Group, Ltd.	- PRIT Fund		
Concord ➤ Custodian: Comerica Bank ➤ Consultant: Fiducient Advisors, LLC	Acadian Asset Management, LLC BlackRock Advisors, LLC PRIT Fund	Rhumbline Advisers Russell Investment Group	Wellington Management
Danvers • Custodian: M&T Bank Wilmington Trust • Consultant: Segal Marco Advisors	 Barings, LLC BMO Asset Management Corporation Eagle Capital Management, LLC 	 Gerber-Taylor Management Company Intercontinental Real Estate Corp. PRIT Fund 	RhumbLine AdvisersTA RealtyWestern Asset Management Co.

Retirement Board		Investment Vendors	
Dedham	PRIT Fund		
Dukes County • Custodian: M&T Bank Wilmington Trust • Consultant: Dahab Associates, Inc.	Aristotle Capital Management, LLC Atlanta Capital	Garcia Hamilton & Associates LP Polen Capital Management, LLC	- PRIT Fund
Easthampton	PRIT Fund		
Essex County	- PRIT Fund	BlackRock Investment Management, LLC	Levine Leichtman Capital Partners, Inc
Everett	PRIT Fund		
Fairhaven	PRIT Fund		
Fall River	PRIT Fund		
Falmouth • Custodian: M&T Bank Wilmington Trust • Consultant: Wainwright Investment Counsel, LLC	 Dimensional Fund Advisors, LP Hamilton Lane HGK Asset Management, Inc. Lexington Partners, LP 	 LMCG Investments, LLC Lord Abbett & Co., LLC Mesirow Financial Private Equity Advisors, Inc. PRIT Fund 	Rhumbline Advisers Siguler Guff Advisers, LLC State Street Global Advisors TerraCap Partners
Fitchburg	PRIT Fund		
Framingham	PRIT Fund		
Franklin County Custodian: Comerica Bank Consultant: Dahab Associates, Inc.	Aberdeen Asset Management Chartwell Investment Partners Copeland Capital Management	Fiera Capital Inc. Loomis, Sayles & Company O'Shaughnessy Asset Management, LLC	Polen Capital Management, LLC PRIT Fund
Gardner	PRIT Fund		
Gloucester	PRIT Fund		
Greater Lawrence	PRIO Wealth, LLC		
Greenfield	PRIT Fund		
Hampden County	- PRIT Fund		
Hampshire County Consultant: Dahab Associates, Inc.	- PRIT Fund	Glouston Capital Partners, LLC Lexington Partners, LP	Portfolio Advisors, LLC
Haverhill Custodian: M&T Bank Wilmington Trust Consultant: Wainwright Investment Counsel, LLC	- PRIT Fund	 Fisher Investments Global Forest Partners, LP Globespan Capital Management, Inc. GrandBanks Capital Income Research & Management Mesirow Financial Institutional Real Estate 	 Molpus Woodlands Group, LLC Putnam Advisory Company, LLC Stafford Private Equity, Inc. TerraCap Management The DSF Group
Hingham • Consultant: Meketa Investment Group	PRIT Fund		

Retirement Board		Investment Vendors	
Holyoke ▶ Consultant: Segal Marco Advisors	Aberdeen Asset Management Acadian Asset Management, LLC Allspring Global Investments, Inc. Aristotle Capital Management Constitution Capital Partners, LLC Entrust Global Fidelity Institutional Asset Management LMCG Investments, LLC	Long Wharf Real Estate Partners, LLC Loomis, Sayles & Company Mesirow Financial Private Equity Advisors, Inc. Monroe Capital Newton Investment Management, LLC Oaktree Capital Management, LP Oberweis Asset Management, Inc. Polaris Capital Management, LLC	 PRIT Fund Putnam Investment Management, LLC RBC Global Asset Management (U.S.) Inc. Seizert Capital Partners, LLC State Street Global Advisors TerraCap Management, LLC Wasatch Advisors, Inc. Western Asset Management Co.
Hull	PRIT Fund		
Lawrence	PRIT Fund		
Leominster	PRIT Fund		
Lexington Custodian: M&T Bank Wilmington Trust Consultant: Meketa Investment Group, Inc. Lowell	Acadian Asset Management, LLC Angelo, Gordan & Co., LP Driehaus Capital Management, LLC Fidelity Investments PRIT Fund	Golub Capital Partners Kayne Anderson Rudnick Investment Management Matthews International Capital Management, LLC Monroe Capital	PRIT Fund RhumbLine Advisers Wellington Management Company, LLP White Oak Global Advisors, LLC
➤ Custodian: M&T Bank Wilmington Trust	- Pari Fuliu		
Lynn	PRIT Fund		
Malden ► Custodian: M&T Bank Wilmington Trust	De Burlo Group, Inc.		
Marblehead	PRIT Fund		
Marlborough Custodian: Comerica Bank Consultant: Meketa Investment Group, Inc.	 Clarion Partners Constitution Capital Partners, LLC Dimensional Fund Advisors LP Driehaus Capital Management, LLC 	Fiduciary Management, Inc. Frontier Capital Management Co., LLC HarbourVest Partners, LLC Payden & Rygel	RhumbLine AdvisersRockwood CapitalShenkman Capital Management, Inc.State Street Global Advisors
MHFA Custodian: M&T Bank Wilmington Trust Consultant: Meketa Investment Group, Inc.	 Aberdeen Asset Management AEW Capital Management, LP Ascent Venture Partners Constitution Capital Partners, LLC GQC Partners, LLC 	Goldman Sachs Asset Management, LP HarbourVest Partners, LLC IFM Investors Advisor Intercontinental Real Estate Corporation Longfellow Investment Management	 Lord Abbett & Co., LLC MetLife Investment Management State Street Global Advisors TA Realty
Massport • Custodian: M&T Bank Wilmington Trust • Consultant: Wilshire Associates	Baillie Gifford Overseas Limited PRIT Fund	Pzena Investment Management, LLC State Street Global Advisors	Wellington Management Company, LLP
MTRS (Mass Teachers' Retirement System)	- PRIT Fund		

Retirement Board		Investment Vendors	
MWRA • Custodian: M&T Bank Wilmington Trust • Consultant: NEPC, LLC	ABS Investment Management, LLC Alcentra NY, LLC Ascent Venture Partners Axiom International Investors, LLC Baillie Gifford Baxter Street Boston Partners CarVal Investors Cerberus Capital Management, LP Coho Partners, Ltd. Constitution Capital Partners LLC Corbin Capital Partners LP EnTrust Global Partners	Foundry Group, LLP Garcia Hamilton & Associates LP Hamilton Lane HarbourVest Partners, LLC J.F. Lehman & Company Kayne Anderson Capital Advisors, LP Landmark Partners, LLC Loomis, Sayles & Company Lord, Abbett & Co. LLC Mesirow Morgan Stanley Octagon Credit Investors, LLC	Park Square Capital Pinebridge Investments, LLC Polen Capital Management, LLC PRIT Fund Private Advisors, LLC RhumbLine Advisers Schroders Investment Management North America, Inc. SEI Investments TA Realty TerraCap Management, LLC UBS Hedge Fund Solutions, LLC
Maynard • Custodian: M&T Bank Wilmington Trust	= PRIT Fund	Boston Advisors, LLC	
Medford • Custodian: M&T Bank Wilmington Trust • Consultant: NEPC, LLC Melrose	Ashmore Investment Advisor Limited City of London Investment Management Garcia Hamilton & Associates LP PRIT Fund	Lazard Asset Management, LLC Loomis, Sayles & Company PRIT Fund	RhumbLine Advisers William Blair & Company, LLC
Methuen Middlesex County	PRIT Fund PRIT Fund	BlackRock Investment Management, LLC Global Forest Partners, LP	Globespan Capital Management, Inc.
Milford Milton	PRIT Fund PRIT Fund		
Minuteman Regional Montague	PRIT Fund		
Natick • Custodian: M&T Bank Wilmington Trust • Consultant: Fiducient Advisors, LLC	SEI Investments	PRIT Fund	
Needham	PRIT Fund		
New Bedford • Consultant: Segal Marco Advisors	 Aberdeen Asset Management, Inc. Acadian Asset Management, LLC Constitution Capital Partners LLC Hamilton Lane Hancock Natural Resource Group, Inc. 	 Intercontinental Real Estate Corp. Lexington Advisors, Inc. Loomis, Sayles & Company Mesirow Private Equity Advisors, Inc. Newton Investment Management, LLC 	 Pacific Investment Management Company, LLC Neuberger Berman Management State Street Global Advisors Limited UBS Realty Investors, LLC Westfield Capital Management Company, LP
Newburyport	PRIT Fund		
Newton	PRIT Fund		

Retirement Board		Investment Vendors	
Norfolk County • Custodian: M&T Bank Wilmington Trust • Consultant: Wainwright Investment Counsel, LLP	 Amundi Pioneer Institutional Asset Mgmt., Inc. Aristotle Capital Management, LLC Ascend Ventures Group, LLC BNY Mellon Asset Management N.A. 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 Hamilton Lane HarbourVest Partners, LLC Income Research & Management Intercontinental Real Estate Corporation Invesco Private Capital, Inc. LLM Capital Partners LMCG Investments, LLC	Mesirow Capital Partners IX, LP Mesirow Financial Institutional Real Estate MFS International Advisors, Inc. PRIT Fund RhumbLine Advisers Seizert Capital Partners, LLC Siguler Guff Advisors, LLC TA Realty TerraCap Management Wellington Management Company, LLP
North Adams • Custodian: M&T Bank Wilmington Trust	De Burlo Group, Inc.	PRIT Fund	
North Attleboro Custodian: M&T Bank Wilmington Trust Consultant: Dahab Associates, Inc.	 Aristotle Capital Management, LLC Atlanta Capital Axiom International Investors, LLC Blackrock Realty Advisors, Inc. 	 Brandes Investment Partners, LP Davenport & Company, LLC Intercontinental Real Estate Corporation Lazard Asset Management, LLC 	Loomis, Sayles & CompanyRhumbLine AdvisersVontobel Asset Management, Inc.
Northampton • Custodian: M&T Bank Wilmington Trust	De Burlo Group, Inc.	PRIT Fund	
Northbridge	PRIT Fund		
Norwood ➤ Custodian: M&T Bank Wilmington Trust ➤ Consultant: Meketa Investment Group, Inc.	 Aberdeen Asset Management, Inc. American Funds Aristotle Capital Management, LLC Atlanta Capital Brigade Capital Management Columbia Management Investment Advisors, LLC 	 Constitution Capital Partners Dimensional Fund Advisors, LP Driehaus Capital Management, LLC HabourVest Partners, LLC IFM Investors Advisor 	 Landmark Partners, LLC Newton Investment Management, LLC PRIT Fund RhumbLine Advisers State Street Global Advisors
Peabody	PRIT Fund		
Pittsfield	PRIT Fund		
Plymouth • Custodian: M&T Bank Wilmington Trust • Consultant: Fiducient Advisors, LLC	Acadian Asset ManagementAristotle Capital Management, LLCBlackRock Advisors, LLC	Boston Trust Walden Columbia Management Investment Advisers PRIT Fund	Rhumbline Advisers Wellington Management Company, LLP Westfield Capital Management Company, LP

Retirement Board		Investment Vendors	
Plymouth County • Custodian: State Street Bank & Trust • Consultant: Meketa Investment Group	 ABS Investment Management, LLC AEW Capital Management, LP Aristotle Capital Management, LLC Ascent Venture Partners Audax Management Company (NY), LLC Basalt Infrastructure Partners BlackRock Advisors, LLC BTG Pactual Timberland Investment Group Carlyle Investment Management CAI Manager LP Charlesbank Capital Partners, LLC Constitution Capital Partners, LLC DN Partners Driehaus Capital Management, LLC Entrust Global Partners Fisher Investments First Eagle Investment Management Freeman Spogoli Management 	 Global Infrastructure Management, LLC Globespan Capital Management, Inc. HarborVest Partner IFM Investors Advisor Income Research & Management Invesco Trust Company I Squared Capital John Hancock Trust Company J.P. Morgan Investment Management, Inc. Kohlberg & Co., LLC Kopernik Global Investors Landmark Partners, LLC Lexington Partners, LP LLR Management Lord Abbett & Company Mesirow Financial Capital Partners X, LP Mesirow Financial Institutional Real Estate 	Newton Investment Management, LLC Old Farm Partners PCCP, LLC RhumbLine Advisers Ridgemont Equity Partners Rockpoint Capital Searchlight Capital Partners Siguler Guff Advisers, LLC Summit Partners, LP Systematic Financial Management TA Realty Trilantic Capital Management L.P. Vulcan Value Partners, LLC Walter Scott & Partners, Ltd. Waud Capital Partners Wellington Management Wellspring Capital Management, LLC
Quincy • Custodian: M&T Bank Wilmington Trust • Consultant: Meketa Investment Group, Inc.	 Acadian Asset Management, LLC Adams Street Partners, LLC AEW Capital Management, LP Axiom Beach Point Capital Management, LP Brookfield Asset Management Brown Advisory, LLC Charlesbank Capital Partners, LLC Columbia Management Investment Advisors, LLC Driehaus Capital Management, LLC Entrust Permal 	Freeman Spogli Management Global Infrastructure Management 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 Fund	Ridgemont Equity Partners Rockwood Capital Searchlight Capital Partners SL Capital Partners, LLP State Street Global Advisors TerraCap Management, LLC Torchlight Investors, LLC Trilantic Capital Management L.P. UBS Realty Investors, LLC Wellspring Capital Management
Reading	PRIT Fund		
Revere	PRIT Fund		
Salem	PRIT Fund		
Saugus Custodian: M&T Bank Wilmington Trust Consultant: Wainwright Investment Counsel, LLP	PRIT Fund	Aristotle Capital Management, LLC Lord Abbett & Co., LLC LMCG Investments, LLC	Massachusetts Financial Services Co. RhumbLine Advisers
Shrewsbury • Custodian: M&T Bank Wilmington Trust • Consultant: Dahab Associates, Inc.	PRIT Fund		

Retirement Board		Investment Vendors	
Somerville • Custodian: Comerica Bank	Congress Asset Management Company, LLP Lazard Asset Management, LLC	Loomis, Sayles & Company PRIT Fund	RhumbLine Advisers UBS Realty Investors, LLC
Southbridge	PRIT Fund		
Springfield	PRIT Fund		
State	PRIT Fund		
Stoneham Consultant: Fiducient Advisors, LLC	- PRIT Fund	Russell Investment Group	
Swampscott • Custodian: M&T Bank Wilmington Trust • Consultant: Dahab Associates	= PRIT Fund	Aristotle Capital Management, LLC Intercontinental Real Estate Corporation	LMCG Investments, LLC TA Realty
Taunton ➤ Custodian: M&T Bank Wilmington Trust ➤ Consultant: Dahab Associates, Inc.	Aberdeen Asset Management Allspring Global Investments, Inc. BlackRock Investment Management, LLC Boston Partners Ceres Partners, LLC C.S. Mckee, LP Frontier Capital Management Co., LLC GAM International Management Limited	Intercontinental Real Estate Corporation John Hancock Trust Company LMCG Investments, LLC Mesirow Financial Investment Management, Inc. Molpus Woodlands Group, LLC Pacific Investment Management Company, LLC Polen Capital Management, LLC PRIT Fund	 Quantitative Management Association Rhumbline State Street Global Advisors TA Realty TimberVest, LLC Vontobel Asset Management, Inc. Weaver C. Barksdale & Associates
Wakefield	- PRIT Fund		
Waltham ➤ Custodian: SEI Private Trust Company ➤ Consultant: Fiducient Advisors, LLC	SEI Investments	PRIT Fund	
Watertown • Custodian: M&T Bank Wilmington Trust • Consultant: Fiducient Advisors, LLC	 Acadian Asset Management, LLC American Realty Advisors Brandywine Global Investment Management, LLC Columbia Management Investment Advisors, LLC Eaton Vance Management 	 Entrust Global Partners, LLC Income Research & Management Massachusetts Financial Services Company Pinebridge Investment, LLC PRIT Fund 	RCP Advisors, LLC TA Realty TerraCap Management, LLC Wellington Management Company, LLP
Webster → Custodian:	= PRIT Fund	HGK Asset Management Inc.	
Wellesley	PRIT Fund		

Retirement Board		Investment Vendors	
West Springfield • Custodian: Comerica Bank	De Burlo Group, Inc.		
Westfield Consultant: Fiducient Advisors, LLC	AEW Capital Management LP Columbia Management Investment Advisers, LLC Constitution Capital Partners, LLC Hamilton Lane Income Research & Management Intercontinental Real Estate Corporation	 Lazard Asset ManagemeLMCG Investments, LLC Long Wharf Real Estate Partners, LLC Loomis, Sayles & Company Pacific Investment Co., LLC Polaris Capital Management, LLC 	 PRIT Fund RBC Global Asset Management (U.S.), Inc. State Street Global Advisors TerraCap Management Wasatch Advisors, Inc.
Weymouth • Custodian: Comerica • Consultant: Fiducient Advisors, LLC	 747 Capital Acadian Asset Management, LLC Adams Street Partners Aristotle Capital Management, LLC Ashmore Investment Advisors BlackRock Advisors, LLC Boston Trust Walden Company Brooke Private Equity Associates Management, LLC Brandywine Global Investment Management, LLC Constitution Capital Partners, LLC 	 EnTrust Global Partners, LLC Hamilton Lane Harbor Capital Advisors Inc. HarbourVest Partners, LLC Invesco Private Capital, Inc. Landmark Partners, LLC Lazard Asset Management, LLC MIRA, Americas Inc. Newton Investment Management, LLC Oaktree Capital Management, LP 	 Principal Global Investors LLC PRIT Fund RhumbLine Advisers Riverbridge Partners, LLC Seizert Capital Partners, LLC Sigular Guff Advisers, LLC Stockbridge Core and Value Advisors TerraCap Management, LLC Wasatch Advisors Western Asset Management Co.
Winchester	PRIT Fund		
Winthrop	PRIT Fund		
Woburn • Custodian: M&T Bank Wilmington Trust	= PRIT Fund	Charlesbank Capital Partners, LLC	Stafford Private Equity Inc.
Worcester ► Custodian: M&T Bank Wilmington Trust ► Consultant: Meketa Investment Group	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 Eaton Vance Management	 EnTrust Global Partners, LLC Global Infrastructure Management, LLC Hancock Natural Resource Group, Inc. Harvest Partners, LP IFM Investors (US) Advisor, LLC Income Research & Management Lazard Asset Management, LLC Loomis, Sayles & Company Newstone Capital Partners, LLC 	Northstar Company, LLC Old Farm Partners LP PRIT Fund Ridgemont Equity Partners Riverside Company SL Capital Partners, LLP State Street Global Advisors TA Associates Management Vitruvian Partners, LLP
Worcester Regional	- PRIT Fund		

PRIM Investment Vendors

(Organized by Service Provider Type)

Custodian:

▶ BYN Mellon

External Auditor:

▶ KPMG, LLP

Consultants:

- ▶ Aberdeen Asset Management Inc. Portfolio Completion Strategies Advisory Services
- Albourne Operational Due Diligence Service Provider
- Callan Associates Public Market Advisory Services
- Hamilton Lane Private Equity Advisory Services
- ▶ International Woodland Company Timberland Advisory Services
- ▶ NEPC, LLC Asset Allocation Advisory Services
- ▶ NewAlpha Asset Management Portfolio Completion Strategies Advisory Services

Domestic Equity Managers

- · Acadian Asset Management, LLC
- · Brandywine Global Investment Management
- Driehaus Capital Management, LLC
- Frontier Capital Management

- · Goldman Sachs Investment Management
- · Lord, Abbett & Co., LLC
- · Rhumbline Advispers

- Riverbridge Partners
- State Street Global Advisors
- Summit Creek Advisors

International Equity Managers

- · Acadian Asset Management, LLC
- · ARGA Investment Management
- · Artisan Partners
- · AQR Capital

- · Baillie Gifford
- Driehaus Capital Management, LLC
- Marathon Asset Management, LLP
- · Mondrian Investment Partners

- Russell Implementation Services
- · State Street Global Advisors
- Xponance

Emerging Market Managers

- Acadian Asset Management, LLC
- AQR Capital
- · Baillie Gifford

- Driehaus Capital Management, LLC
- · Pzena Investment Management

- T. Rowe Price
- Wasatch Advisors, Inc.

Core Fixed Income Managers

- · AFL-CIO Housing Investment Trust
- Blackrock Financial Management, Inc.
- Loomis, Sayles & Company

- · Longfellow Investment Management
- · New Century Advisors, LLC

- · Pacific Investment Management Company, LLC
- · Pugh Capital Management

Value-Added Fixed Income Managers

- 400 Capital Management, LLC
- · Anchorage Capital Group, LLC
- · Ashmore Investment Management, Ltd.
- Berkshire Group, LLC
- Eaton Vance Institutional Funds

- Fidelity Management Trust Company
- · LibreMax Capital
- Loomis, Sayles & Company, LP
- Mudrick Capital Management, LP

- Newmarket Capital
- Pacific Investment Management Company, LLC
- Shenkman Capital Management
- Voya Financial

Alternative Investments—Real Estate Managers

- · AEW Capital Management
- Berkshire Group, LLC
- Blackstone
- · Brookfield Investment Management

- Cambridge Associates
- CBRE Global Investors
- CenterSquare Investment Management
- DivcoWest

- INVESCO Realty Advisors
- LaSalle Investment Management
- Stockbridge

Alternative Investments-Timberland

• Campbell Group, LLC

Forest Investment Associates

Alternative Investments—Portfolio Completion Strategy Managers

- 400 Capital Management
- · Aeolus Capital Management Ltd.
- · Basswood Capital Management, LLC
- Blackrock Aviation
- · Breakout Funds, LLC
- · Brigade Capital G.P., LLC
- · Cantab Capital Partners, LP
- Canvas Capital
- · Capula Management Limited
- Cirera Capital Limited
- CKC Capital, LLC
- Complus Asset Management Limited

- Contrarian Capital Management
- · Davidson Kempner Advisors, Inc.
- · DLD Asset Management, LP
- East Lodge Capital
- Elliot Capital Advisors, LP
- · FIR Tree Capital Management
- GaoTeng Global Asset Management, Ltd.
- Investcorp Investment Advisors, LLC
- JEN Partners, LLC
- · Land and Buildings Investment Management
- LMCG Investments, LLC

- Markel CATCo Investment Management
- Mudrick Capital Management, LP
- Mygale, LLP
- North Peak Capital Management
- Pacific Alternative Asset Management Co. (PAAMCO)
- PGIM, Inc
- Power Pacific Investment Management, Inc.
- RV Capital Management Pvt., Ltd.
- Sightway Capital
- · Silver Creek Advisory Partners, LLC
- Summit Partners Public Asset Management, LLC
- Tabor Asset Management

PRIM Investment Vendors

(Organized by Service Provider Type, Continued)

Alternative Investments-Private Equity and Distressed Debt Managers

PRIVATE	EQUITY:
---------	----------------

- · Acon Investments
- · Advent International
- · Alta Communications
- · American Industrial Partners
- · American Securities
- · Apollo Management Co.
- · Ascent Venture Partners
- · Austin Ventures
- Bain Capital
- · Battery Ventures
- · Berkshire Partners
- · Blackstone Capital Partners
- · Bridgepoint Capital
- · Carlyle Partners
- · Castille Ventures
- · Catalyst Investors
- · Centerbridge Capital
- · Charlesbank Capital Partners
- · Charterhouse Capital
- · Chequers Capital
- CVC Capital
- · Cypress Group
- Denham Capital Management
- El Dorado Ventures
- · Elysian Capital
- Essex Woodlands Health Ventures
- · Ethos Private Equity
- · Exponent Private Equity
- First Reserve Corporation
- · Flagship Pioneering
- · Freeman Spogli Equity Partners
- · GENSTAR Capital
- · Georgian Partners
- · Gilde Buy Out Partner AG
- · GTCR Golder Rauner

Parametric Portfo

- · Hellman & Friedman Capital Partners
- · H.I.G. Capital Partners
- · Highland Capital
- · Hony Capital
- · Index Ventures
- · Insight Partners
- Institutional Venture Partners
- · InterWest Partners
- JMI Equity
- Kelso & Company
- · Kepha Partners
- · Keytone Ventures
- Kohlberg Kravis Roberts and Co.
- · KPS Capital Partners
- · Lovell Minnick Partners
- Madison Dearborn Capital Partners
- M/C Venture Partners
- Medicxi Ventures
- Menlo Ventures
- Montagu
- · Montreux Equity Partners
- · Nautic Partners (Chisholm Management Co.)
- · New Enterprise Associates
- · Nordic Capital
- · Odyssey Investment Partners
- · Olympus Partners
- Onex Capital
- · Permira Ventures
- Polaris Venture Partners
- · Providence Equity Partners
- Providence Strategic Growth
- Quad-C Management
- · Quantum Energy Partners
- Rembrandt Venture Partners
- · Rhone Group, LLC
- SAIF Partners

- SCP Vitalife
- · Sherbrooke Capital
- · Sofinnova Ventures, Inc.
- · Spark Capital
- · Stone Point Capital (Trident Capital)
- Summit Ventures
- SV Life Sciences Advisors
- TA Associates
- · Technology Crossover Ventures
- · Tenaska Capital
- · Texas Pacific Group
- · The Gores Group
- · Thoma Bravo
- · Thoma Cressey Partners
- · Thomas H. Lee Equity Partners, LP
- Thompson Street Capital
- Tidemark
- · Torquest Partners
- **Towerbrook Capital Partners**
- TPG Capital
- · Union Square Ventures
- · VantagePoint Partners
- · Vestar Capital Partners
- · Vista Equity Partners
- · Waterland Private Equity
- · WestView Capital Partners
- Xenon Private Equity, LTD

DISTRESSED DEBT:

- · Anchorage Capital
- · Avenue Capital Group
- CarVal Investors
- Centerbridge Special Credit
- · Crescent Capital Group
- · GSO Capital Partners
- · Oaktree Capital Management
- · Trust Company of the West (TCW) Wayzata Investment Partners

		,
	Overlay Managers (Cash)	
tfolio Associates, LLC		