



www.imrf.org

August 26, 2016

The Honorable Bruce Rauner

James R Thompson Center 100 West Randolph Street, 16-100 Chicago, IL 60601

Dear Governor Rauner:

The Illinois Municipal Retirement Fund (IMRF) Board of Trustees is pleased to submit its annual report on Illinois Economic Opportunity Investments made by this retirement system as required by Section 1A-108.5 of the Illinois Pension Code. As of June 30, 2016, IMRF employed 44 Illinois-based investment management firms and private equity partnerships managing assets with a market value of \$13.9 billion, representing 40.0% of the total IMRF investment portfolio. Additionally, IMRF is invested in 107 properties located in Illinois representing \$199.8 million in aggregate and 10.7% of IMRF's real estate portfolio as of March 31, 2016 (latest available information).

Table I identifies the economic opportunity investments made by IMRF with Illinois-based private equity partnerships and investment management firms. It also identifies the primary location of the business and the percentage of IMRF's assets in these economic opportunity investments.

Table II identifies the Illinois economic opportunity investments made by IMRF in real estate properties as of March 31, 2016 (latest available information). Table II also identifies the location of each property.

Table III identifies the Illinois economic opportunity investments made by IMRF in hedge fund managers and private equity portfolio companies as of March 31, 2016 (latest available information). Table III identifies the primary location of the business or project. IMRF has indirect holdings in these hedge fund managers and private equity portfolio companies.

IMRF promotes the economy of the State of Illinois by encouraging its investment managers to use Illinois-based broker/dealers. During the 12-month period ended June 30, 2016, IMRF's brokerage commissions generated by trades executed through Illinois-based broker/dealers were in excess of \$1.9 million. This included fixed income brokerage commission trades for the six-month period ending December 31, 2015 and equity brokerage commission trades for the 12-month period ending June 30, 2016. This represented 13.3% of total IMRF brokerage commissions for the same period.

As of January 1, 2016, commission dollar data was no longer collected for fixed income managers. These managers have since reported only "par-value" trades. For the six-month period ending June 30, 2016, IMRF's par-value trades executed through Illinois-based broker/dealers were approximately \$1.7 billion. This represented 3.7% of total IMRF par-value trades for the same period.

Importantly, IMRF's Board of Trustees has adopted and implemented the following policy to increase the use of economic opportunity investments in Illinois:

"The Board recognizes that investments made in businesses operating in Illinois and in real estate and other assets in the state may contribute to an improved economic climate in the state. Therefore, where investment characteristics such as competitive rate of return in relation to the risks involved, minimum quality standards, liquidity considerations, and other investment objectives of the Board are equivalent, the Board favors investments which will have a positive impact on the economy of Illinois. However, nothing in this paragraph shall be construed to favor the foregoing of investment return in order to provide a subsidy to a particular group to the detriment of the Fund members, their beneficiaries, or their public employers."

IMRF continues to seek out and promote economic development within the State of Illinois. The IMRF policy encourages economic opportunity investments in Illinois and the high percentage of IMRF's assets allocated to Illinois based investment managers demonstrates our commitment to promoting economic activity in our State.

Sincerely,

Louis W. Kosiba Executive Director

LWK: ENS

Table I Illinois-Based Investment Management Firms and Private Equity Partnerships

| Arbor Investments IIIChicago $\$2.7$ 0.0% ARCH Venture PartnersChicago 2.9 0.0% Ariel InvestmentsChicago 62.6 0.2% Ativo Capital ManagementChicago 148.7 0.4% Aurora Investment ManagementChicago 148.7 0.4% Aurora Investment ManagementChicago 16.0 0.0% BMO Asset ManagementChicago $11.183.2$ 3.4% Channing Capital ManagementChicago $17.3.9$ 0.5% Code, Hennessey & SimmonsChicago 22.5 0.1% Holland Capital ManagementChicago 22.5 0.1% Industrial Opportunity Partners IIEvanston 0.9 0.0% La&Capital Partners II, LPChicago 20.0 0.1% LaSalle Income & Growth VIChicago 25.0 0.1% LaSalle Income & Growth VIChicago 25.0 0.1% Muller & Monroe Asset Mgmt ⁽¹⁾⁽²⁾ Chicago 25.0 0.1% Muller & Monroe Asset Mgmt ⁽¹⁾⁽²⁾ Chicago $ -$ Hispania P/Equity Fund II ⁽²⁾ Chicago $ -$ Hapewell Ventures ⁽¹⁾ Chicago $ -$ Newport Capital Partners I, L.P.Chicago $ -$ Hopewell Ventures ⁽¹⁾ Chicago $ -$ Hispania P/Equity Fund II ⁽²⁾ Chicago $ -$ Hopewell Ventures ⁽¹⁾ Chicago $ -$ Newport Capital Partners I, L.P.Chicago $ -$ </th <th>Illinois-Based Managers</th> <th>City</th> <th>Market Value as of 6/30/2016 (in millions)</th> <th>Percentage of Total IMRF's Assets Under Management as of 6/30/2016</th> | Illinois-Based Managers | City | Market Value as of 6/30/2016 (in millions) | Percentage of Total IMRF's Assets Under Management as of 6/30/2016 |
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| Aurora Investment ManagementChicago256.30.7%Beecken, Petty, O'Keefe IVChicago10.00.0%BMO Asset ManagementChicago1,183.23.4%Channing Capital ManagementChicago173.90.5%Code, Hennessey & SimmonsChicago4.00.0%GTCR Golder Rauner LLCChicago22.50.1%Holland Capital ManagementChicago833.52.4%Industrial Opportunity Partners IIEvanston0.90.0%Lake Capital Partners II, LPChicago280.0%LaSalle Income & Growth VIChicago25.00.1%LaSalle Income & Growth VIIChicago25.00.1%LaSalle Income & Growth VIIChicago25.00.1%LaSalle Income & Growth VIIChicago25.70.1%Muller & Monroe Asset Mgmt050.00.1%DN PartnersChicagoHispania P/Equity Fund IIChicagoMc Capital II (°)ChicagoMorthers (°)ChicagoMK Capital II (°)NorthbrookNewport Capital Partners I, L.P.ChicagoNewport Capital Partners I, L.P.ChicagoNorthern Trust InvestmentsChicagoNewport Capital Partners I, L.P.ChicagoNewport Capital Partners I, L.P.Chicago25.00.1%Northern Trust InvestmentsChi | | Chicago | | |
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| LaSalle Capital Group ⁽¹⁾ Chicago-MK Capital II ⁽²⁾ Northbrook-Prism Mezzanine Fund ⁽¹⁾ Chicago-Rock Island Partners ⁽¹⁾ Oak Brook-Newport Capital Partners I, L.P.Chicago14.9Northern Trust InvestmentsChicago8,723.5Oak Street Real Estate CapitalChicago25.0Oak Street Real Estate CapitalChicago4.6Pfingsten Partners III, LPChicago4.6Premier Partners IV183.20.5%Alexander FarmMoultrie County-Bauer FarmChristian County- | Hispania P/Equity Fund II $^{(2)}$ | Chicago | - | - |
| MK Capital IINorthbrookPrism Mezzanine FundChicagoRock Island PartnersOak BrookNewport Capital Partners I, L.P.Chicago14.90.0%Northern Trust InvestmentsChicago8,723.525.1%Oak Street Real Estate CapitalChicago25.00.1%Pfingsten Partners III, LPChicago4.60.0%Premier Partners IV183.20.5%-Alexander FarmMoultrie CountyBauer FarmChristian County | Hopewell Ventures ⁽¹⁾ | Chicago | - | - |
| Prism Mezzanine Fund ⁽¹⁾ Chicago-Rock Island Partners ⁽¹⁾ Oak Brook-Newport Capital Partners I, L.P.Chicago14.90.0%Northern Trust InvestmentsChicago8,723.525.1%Oak Street Real Estate CapitalChicago25.00.1%Pfingsten Partners III, LPChicago4.60.0%Premier Partners IV183.20.5%Alexander FarmMoultrie County-Bauer FarmChristian County- | LaSalle Capital Group ⁽¹⁾ | Chicago | - | - |
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| Pfingsten Partners III, LPChicago4.60.0%Premier Partners IV183.20.5%Alexander FarmMoultrie CountyBauer FarmChristian County | Northern Trust Investments | Chicago | 8,723.5 | 25.1% |
| Premier Partners IV183.20.5%Alexander FarmMoultrie CountyBauer FarmChristian County | Oak Street Real Estate Capital | Chicago | 25.0 | 0.1% |
| Alexander FarmMoultrie CountyBauer FarmChristian County | Pfingsten Partners III, LP | Chicago | 4.6 | 0.0% |
| Bauer Farm Christian County | Premier Partners IV | | 183.2 | 0.5% |
| · | Alexander Farm | Moultrie County | - | - |
| Duver Farm Douglas County | Bauer Farm | Christian County | - | - |
| | Dwyer Farm | Douglas County | - | - |
| Seggebruch Farm Woodford County | Seggebruch Farm | Woodford County | - | - |

| Van Buskirk Farm | Vermillion County | - | - |
|------------------------------------|-------------------|----------------|-------|
| Security Capital | Chicago | 60.4 | 0.2% |
| Valor Equity Partners III | Chicago | 5.0 | 0.0% |
| Vista Credit Opportunities Fund I | Chicago | 50.0 | 0.1% |
| Vista Credit Opportunities Fund II | Chicago | 50.0 | 0.1% |
| Vistria Fund - Pantheon | Chicago | 3.0 | 0.0% |
| Vistria Fund - Direct | Chicago | 15.0 | 0.0% |
| Water Street Healthcare Partners | Chicago | 3.0 | 0.0% |
| Waud Capital Partners QP IV | Chicago | 4.0 | 0.0% |
| William Blair & Company | Chicago | 794.5 | 2.3% |
| Total | | \$ 13,946.0 | 39.6% |

Muller & Monroe is an Illinois-based, African American private equity fund-of-funds manager whose first fund (ILPEFF) invests in minority, women, Illinois and Midwest.
 Muller & Monroe's second fund (M2PEFF) invests in emerging funds in the US and Canada.

Table IIIllinois-Based Real Estate Investments

Real Estate

Direct Investments

City

 Direct investments
 Carol Stream

 Carol Point III
 Carol Stream

 Mallard Lakes
 Hanover Park

 DuPage County Industrial
 Glendale Heights/Elmhurst

Commingled Fund Investments

1003 Rush 1111 West 22nd Street 1360 Madeline Lane 1640 Fullerton Court 1690 Cambridge Drive 181 West Madison 1925 Busse Road 250 North Mannheim 2700 Alft Lane 2707 Eola 2750 Alft Lane 3501 Mount Prospect 4675 Turnberry Drive 5700 McDermott 600 & 700 North Commerce Albion Avenue Avant at the Arboretum Axis Apartments Belden Centre Broadway at Surf Central Park of Lisle Chicago IX Industrial Clover Creek Club Quarters Chicago Clybourn Galleria Comfort Suites Bloomington Commerce Plaza Courtyard Bloomington Courtyard Champaign Courtyard Peoria

Chicago Oak Brook Elgin Glendale Heights Elgin Chicago Elk Grove Village Hillside Elgin Aurora Elgin Franklin Park Hanover Park Berkeley Aurora Schaumburg Lisle Chicago Chicago Chicago Lisle Various Lombard Chicago Chicago Bloomington Oak Brook Bloomington Champaign Peoria

Courtyard Springfield Crossland Chicago Extended Stay Danada Square East Dermody Industrial **Executive Towers** Fairfield Inn & Suites Champaign Fairfield Inn & Suites Forsyth Fairfield Inn & Suites Galesburg Fairfield Inn & Suites Joliet Fairfield Inn & Suites Kankakee Fairfield Inn & Suites Naperville Fairfield Inn & Suites Peru Fairfield Inn & Suites Quincy Fairfield Inn & Suites Tinley Park Fairmont Chicago Hampton Inn Tinley Park Hanover Place Hillside Town Center Hotel Indigo Chicago-Vernon Hills Intercontinental Chicago InTown Suites Chicago West InTown Suites Downers Grove InTown Suites O'Hare Joliet and DuPage Kingsbury Center MetLife Office Midway Square Mondial River West Motel 6 - 1040 Glenview Motel 6 - 1189 Springfield Motel 6 - Arlington Heights Motel 6 - Aurora - Southwest Motel 6 - East Peoria Motel 6 - Elk Grove Motel 6 - Joliet - North I-55 Motel 6 - Northwest Motel 6 - O'Hare Airport Motel 6 - St. Louis Motel 6 - West North Water Residences Oakbrook Terrace Tower Oakview Corporate Park O'Hare International Drive One Lincoln Center One Parkway North Point O'Hare

Springfield Chicago Wheaton McCook Downers Grove Champaign Forsyth Galesburg Joliet Kankakee Naperville Peru Quincy Tinley Park Chicago Tinley Park Tinley Park Chicago Vernon Hills Chicago Villa Park Downers Grove Elk Grove Village Various Chicago Chicago Chicago Chicago Glenview Springfield Arlington Heights Aurora East Peoria Elk Grove Village Joliet Rolling Meadows Schiller Park Caseyville Villa Park Chicago Oakbrook Terrace West Dundee Rosemont Oakbrook Terrace Deerfield Des Plaines

Prairie Market Promenade Bolingbrook Proviso Drive Randall Point Red Roof Inn Red Roof Plus Reserve at Evanston Residence Inn Deerfield Residence Inn Lombard Residence Inn Peoria Residence Inn Rockford River North Point River Run at Naperville Riverway Riverway Daycare Shops at GlenPoint SpringHill Suites Burr Ridge SpringHill Suites Elmhurst Territorial North The Arboretum The Preserve at Osprey TownePlace Suites Naperville University Tech Park at IIT VIP Holdings Westbrook Corporate Center Westlake Plaza Wheaton 121 Willis Tower

Oswego Bolingbrook Melrose Park Elgin Joliet Naperville Evanston Deerfield Lombard Peoria Rockford Chicago Naperville Rosemont Rosemont Glenview Burr Ridge Elmhurst Bolingbrook South Barrington Gurnee Naperville Chicago Chicago Westchester Wilmette Wheaton Chicago

Table III

Illinois-Based

Hedge Fund Partnerships and Private Equity Portfolio Companies

| Illinois Based Companies | City |
|---------------------------------|-------------------|
| Aasonn Holdings | Naperville |
| ABRA Auto Body & Glass | O'Fallon |
| Acme Industries, Inc. | Des Plaines |
| Acura Pharmaceuticals | Palatine |
| Acxiom Outsourcing ITO | Downers Grove |
| Adar IT | Arlington Heights |
| Addus Healthcare, Inc. | Palatine |
| Aldera, Inc | Lisle |
| Alliantgroup | Chicago |
| Allston Trading | Chicago |
| Amplify Snack Brands, Inc | Skokie |
| Applied Systems, Inc. | University Park |
| Aquion Water Treatment Products | Elk Grove Village |
| Arcanum Alloy Design | Chicago |
| Athletico Management, LLC | Hinsdale |
| Automated Teller Machines* | Illinois |
| Belly, Inc. | Chicago |
| BenchPrep, Inc. | Chicago |
| Berlin Packaging | Chicago |
| BluePay Processing, Inc. | Naperville |
| Canopy Financial, Inc. | Chicago |
| CCC Information Services | Chicago |
| CDW Corporation | Vernon Hills |
| Celerity Pharmaceuticals, LLC | Rosemont |
| Central Can Company | Chicago |
| Chinada Holdings, Inc. | Chicago |
| Cirrus Holdings, LLC | Schaumburg |
| Claire's Stores | Chicago |
| Cole-Parmer | Vernon Hills |
| Collaborative Learning, Inc. | Oakbrook Terrace |
| Columbus Manufacturing | Des Plaines |

CompassCare, Inc. **ComPsych Corporation** CoolEdge Lighting Coskata CSMG, Inc. **Document Management Holdings** Dough, Inc. DuPage Medical Group Durata Therapeutics, Inc. EN Engineering, LLC ENTACT Environmental Services Inc. **Entertainment Cruises** Espark **Evanston Capital** Eved LLC FCA. Inc. Fidelis SeniorCare Flexera Software, LLC Fooda, Inc. Gamma Technologies, Inc. **Goji Food Solutions** Grosvenor Capital Management Grub Hub Seamless Inc. Help at Home, Inc. Hill & Valley Inc. Hi-Tech Manufacturing Inc. Horizon Pharma Hub international Ltd. Infiniscene. Inc. Innovation Group Investors, L.P. InStadium, Inc. Insureon Holdings, LLC Intellisys Technology iTRACS Izar Solar Jimmy John's Gourmet Sandwich Shops Juice Tyme Acquisition Corp. Kaufman Hall and Associates Keely Asset Management

Bannockburn Chicago Champaign Warrenville Chicago Hinsdale Chicago Downers Grove Chicago Downers Grove Westmont Chicago Chicago Evanston Chicago Moline Schaumburg Itasca Chicago Westmont Chicago Chicago Chicago Chicago Rock Island Schiller Park Deerfield Chicago Chicago Chicago Chicago Chicago Oak Brook Westchester Champaign Champaign Chicago Skokie

Chicago

Kettle Partners K.R. Drenth Trucking Inc. Language Stars, LLC Maestro Healthcare Technology Millenium Trust Company, LLC M&M Pump and Supply, Inc. Morton Industrial Group, Inc. Narrative Science, Inc. National Pasteurized Eggs, Inc. Network Merchants, Inc. Northshore Holdings Limited Nuveen Investments, Inc. NXT Capital Holdings One Touch Point Corp. Option Car, Inc. Parts Town, LLC Peacock Engineering Perfect Pipeline, Inc. Poggled, Inc. Portillos PowerReviews, Inc. Pregis Corporation PrepMe R.J. O'Brien & Associates, LLC Raise Marketplace Inc Raymundos Food Group, LLC Revolution Healthcare Group LLC (TLContact, Inc.) Sage Products, Inc. Salt Creek Advisors Serta Simmons Holdings Service Logic Singlehop Skinny Corp SMS Assist, LLC Sorbent Therapeutics Sportsvision Spothero Inc. Sprout Social ST Residential

Chicago Lynwood Chicago **Highland Park** Oak Brook Flora Morton Chicago Lansing Roselle Chicago Chicago Chicago Oak Brook Deerfield Addison Geneva Chicago Chicago Chicago Chicago Deerfield Chicago Chicago Chicago Bedford Park Chicago Cary Chicago Hoffman Estates Chicago Chicago Chicago Chicago Vernon Hills Evanston Chicago Chicago Chicago

| Standard Bancshares, Inc. | Hickory Hills |
|---|---------------|
| STATS LLC | Northbrook |
| Sun Trading LLC | Chicago |
| Survey tracking provider* | Illinois |
| Tagkast, Inc. | Chicago |
| TerSera Therapeutics | Chicago |
| The Warranty Group, Inc. | Chicago |
| Time-O-Matic, Inc. | Danville |
| Transilwrap Inc. | Franklin Park |
| TransUnion Corporation | Chicago |
| Univa UD | Lisle |
| Vantage Specialty Chemicals Holdings | Chicago |
| Veriflow Systems | Champaign |
| VHT, Inc. | Des Plaines |
| Village Practice Management Company, LLC. | Chicago |
| Vivid Seats, LLC. | Chicago |
| VSA Partners, Inc. | Chicago |
| Watchfire Technologies, Inc. | Danville |
| Watermelon Express | Chicago |
| Wellspring Worldwide, Inc. | Chicago |
| Wilton Products, Inc. | Woodridge |

These holdings are privately placed investments through commingled private equity investments. Therefore, IMRF does not have individual company valuations.

*The LPA for this portfolio fund which contains this portfolio company does not allow the manager to publicly disclose information regarding specific portfolio companies unless such information has become publicly available. As the information regarding the identity of this portfolio company and its ownership are not public knowledge, the manager is unable to disclose the name and location of the portfolio company at this time.