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August 24, 2018

The Honorable Michael J. Madigan 300 Capitol Building Springfield, IL 62706

Dear Speaker Madigan:

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, 2018, IMRF employed 36 Illinois-based investment management firms and private equity partnerships managing assets with a market value of \$16.3 billion, representing 39.6% of the total IMRF investment portfolio. Additionally, IMRF is invested in 107 properties located in Illinois representing \$150.1 million in aggregate and 6.49% of IMRF's real estate portfolio as of March 31, 2018 (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, 2018 (latest available information). Table II also identifies the location of each property.

Table III identifies the Illinois economic opportunity investments made by IMRF in private equity portfolio companies as of March 31, 2018 (latest available information). Table III also identifies the primary location of the business or project. IMRF has indirect holdings in these 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, 2018, IMRF's brokerage commissions generated by trades executed through Illinois-based broker/dealers were approximately \$0.9 million. This represented 7.0% of IMRF's equity brokerage commissions for the same period.

During the 12-month period ended June 30, 2018, IMRF's par-value trades executed through Illinois-based broker/dealers were approximately \$1.2 billion. This represented 1.5% of total IMRF fixed income 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,

Brian F. Collins
Executive Director

BFC: ENS

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

| | | MV/Commitment | Percentage of Total |
|--|------------|----------------------------------|---|
| Illinois-Based Managers | City | as of 6/30/2018 (in millions) | IMRF's Assets Under Management as of 6/30/2018 |
| Arbor Investments III | Chicago | \$2.7 | 0.0% |
| ARCH Venture Partners | Chicago | 2.9 | 0.0% |
| Ativo Capital Management | Chicago | 175.2 | 0.4% |
| Beecken, Petty, O'Keefe IV | Chicago | 10.0 | 0.0% |
| Beecken, Petty, O'Keefe V | Chicago | 20.0 | 0.0% |
| BMO Asset Management | Chicago | 1,432.1 | 3.5% |
| Channing Capital Management | Chicago | 238.2 | 0.6% |
| Code, Hennessey & Simmons | Chicago | 3.7 | 0.0% |
| GTCR Golder Rauner LLC | Chicago | 20.8 | 0.1% |
| Industrial Opportunity Partners II | Evanston | 0.9 | 0.0% |
| Lake Capital Partners II, LP | Chicago | 2.8 | 0.0% |
| LaSalle Income & Growth VI | Chicago | 20.0 | 0.0% |
| LaSalle Income & Growth VII | Chicago | 25.0 | 0.1% |
| LSV Asset Management | Chicago | 1,519.9 | 3.7% |
| Madison Dearborn Partners | Chicago | 24.5 | 0.1% |
| Muller & Monroe Asset Mgmt (1) | Chicago | 25.0 | 0.0% |
| Hispania P/Equity Fund II ⁽¹⁾ | Chicago | - | - |
| MK Capital II (1) | Northbrook | _ | _ |
| Newport Capital Partners I, L.P. | Chicago | 14.9 | 0.0% |
| Northern Trust Investments | Chicago | 11,257.6 | 27.3% |
| Oak Street Real Estate Capital III | Chicago | 25.0 | 0.1% |
| Oak Street Real Estate Capital IV | Chicago | 75.0 | 0.2% |
| Pfingsten Partners III, LP | Chicago | 4.6 | 0.0% |
| Security Capital | Chicago | 51.6 | 0.1% |
| Valor Equity Partners III | Chicago | 5.0 | 0.0% |
| Valor Equity Partners IV | Chicago | 75.0 | 0.2% |
| Valor M33 II | Chicago | 50.0 | 0.1% |
| Vista Credit Opportunities Fund I | Chicago | 50.0 | 0.1% |
| Vista Credit Opportunities Fund II | Chicago | 50.0 | 0.1% |
| Vistria Fund - Pantheon | Chicago | 3.1 | 0.0% |
| Vistria Fund - Direct | Chicago | 15.0 | 0.0% |
| Vistria Fund II - Direct | Chicago | 75.0 | 0.2% |
| Vistria Fund II - Pantheon | Chicago | 3.0 | 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 | 1,047.4 | 2.5% |
| Total | | \$ 16,333.0 | 39.6% |

 $^{(1) \ \} Muller \& \ Monroe \ is \ an \ Illinois-based, \ African \ American \ private \ equity \ fund-of-funds \ manager \ whose \ second \ fund \ (M2PEFF) \ invests \ in \ emerging \ funds \ in \ the \ US \ and \ Canada.$

Table II Illinois-Based Real Estate Investments

<u>Real Estate</u> <u>City</u>

Direct Investments

Carol Point III Carol Stream

DuPage County Industrial Glendale Heights/Elmhurst

Commingled Fund Investments

| 1001-11 Commerce Court | Buffalo Grove |
|---------------------------------------|-------------------|
| 1003 N. Rush | Chicago |
| 1005 Westgate Drive | Addison |
| 101 Regency Drive | Chicago |
| 1111 Bowes Road | Chicago |
| 123 North Wacker | Chicago |
| 1400 Business Center Drive | Mount Prospect |
| 140-148 Pinnacle Drive | Chicago |
| 150 North Michigan Avenue | Chicago |
| 1500 North Michael | Chicago |
| 152-162 Pinnacle Drive | Chicago |
| 1550 Bryn Mawr Avenue | Itasca |
| 1717 W Harvester Road | Chicago |
| 1794 Winthrop Road | Des Plaines |
| 1900 N 5 th Avenue | Chicago |
| 1925 Busse Road | Elk Grove Village |
| 2200 Mt. Prospect Road | Chicago |
| 2222 Windsor Court | Chicago |
| 2287 Mt. Prospect Road | Des Plaines |
| 250 N. Mannheim | Hillside |
| 2500 Lunt Avenue | Elk Grove Village |
| 26111 North Highway 21 | Vernon Hills |
| 2700 Alft Lane | Elgin |
| 2707 Eola | Aurora |
| 2750 Alft Lane | Elgin |
| 3001 Malmo Drive | Chicago |
| 3100-3250 S. Central Avenue | Chicago |
| 3501 Mount Prospect | Franklin Park |
| 385 Kimberly Drive | Carol Stream |
| 500 Regency Drive | Chicago |
| 5109 Lake Street | Melrose Park |
| 5601-5631 W. Howard Avenue | Niles |
| 5619-5625 W. 115 th Street | Chicago |
| 5633-5675 W. Howard Avenue | Niles |
| 5677-5707 W. Howard Avenue | Niles |
| 5700 McDermott | Berkeley |
| 5709-5751 W. Howard Avenue | Niles |
| 6006 W. 73 rd Street | Chicago |
| | |

699-701 Regency Drive Chicago 7447 S. Central Avenue Chicago 747 Chase Avenue Chicago 775 Belden Avenue Chicago 900 West University Drive Chicago 951 Commerce Court Buffalo Grove 951 Main Street Lombard Schaumburg Albion Avenue Alexander Farm Moultrie ARCP Hillside ARCP Oswego Bauer Farm Christian Belden Centre Chicago Bloomingdale Corporate Center Bloomingdale BRE Select - Clarion Deerfield Chicago Industrial Portfolio Chicago City View at the Highlands Lombard Clybourn Galleria Chicago Waukegan Crossland Economy Studios Duke **Downers Grove** Duke Rosemont Douglas Dwyer Farm Focus Senior Housing Tinley Park Freedom Commons Chicago GE Core Westchester GE Core Des Plaines Oak Brook GE Core GE Core - Oakbrook Terrace Tower Oak Brook Terrace GE Core - One Lincoln Center Oak Brook Terrace Villa Park InTown Suites Chicago West InTown Suites Downers Grove Downers Grove InTown Suites O'Hare Elk Grove Village Joliet and DuPage Various Midway Square Chicago Mondial River West Chicago Motel 6 Arlington Heights Motel 6 Aurora Motel 6 Caseyville Motel 6 East Peoria Motel 6 Elk Grove Village Motel 6 Glenview Joliet Motel 6 Motel 6 Rolling Meadows Motel 6 Schiller Park Motel 6 Springfield Villa Park Motel 6 North Water Residences Chicago Chicago One South Dearborn Office Promenade Bolingbrook Bolingbrook Proviso Drive Melrose Park

Red Roof Inn Naperville Red Roof Inn Joliet Reserve at Evanston Evanston Wheaton Retreat at Danada Farms River North Point Chicago Rook – Lake Barrington Woods Lake Barrington Chicago Rook – Midway Village Rook - Wright Campus Chicago Seggebruch Farm Woodford Shops at GlenPoint Glenview The Arboretum South Barrington Time Out Market Chicago Van Buskirk Farm Vermillion Westlake Plaza Wilmette Westmont Village Apartments Westmont Wheaton 121 Wheaton Willis Tower Chicago

Table III

Illinois-Based

Private Equity Portfolio Companies

| Illinois Based Companies | City | |
|-------------------------------|-------------------|--|
| 3Pix | Chicago | |
| 5Nine Software, Inc. | Chicago | |
| Aasonn Holdings | Naperville | |
| Acxiom IT Outsourcing, Inc. | Downers Grove | |
| Adar IT | Arlington Heights | |
| Addus Healthcare, Inc. | Palatine | |
| Alliantgroup | Chicago | |
| Allston Trading | Chicago | |
| Applied Systems, Inc. | University Park | |
| Arcanum Alloy Design | Chicago | |
| ATI Physical Therapy | Bolingbrook | |
| BATS Global Markets | Chicago | |
| Belly, Inc. | Chicago | |
| Berlin Packaging | Chicago | |
| Canopy Financial, Inc. | Chicago | |
| Caremerge, Inc. | Chicago | |
| Catalytic, Inc. | Chicago | |
| CCC Information Services | Chicago | |
| Celerity Pharmaceuticals, LLC | Rosemont | |
| Cirrus Holdings, LLC | Schaumburg | |
| CloudCraze Software, LLC | Chicago | |
| Collaborative Learning, Inc. | Oakbrook Terrace | |
| ComPsych Corporation | Chicago | |
| Coskata | Warrenville | |
| CPG International | Skokie | |
| Culligan International Group | Rosemont | |
| Dough, Inc. | Chicago | |
| Durata Therapeutics, Inc. | Chicago | |
| Empire Today | Northlake | |
| EN Engineering, LLC | Downers Grove | |
| Enlivant | Chicago | |
| Ensono, LLC | Downers Grove | |
| Eris Exchange Holdings, LLC | Chicago | |
| Espark | Chicago | |
| Evanston Capital | Evanston | |
| | | |

Eved LLCChicagoFlexera Software, LLCItascaFooda, Inc.Chicago

Fort Dearborn Company Elk Grove Village

Gamma Technologies, Inc. Westmont Generation Brands, Inc. Skokie Goji Food Solutions Chicago Greco & Sons Bartlett Grosvenor Capital Management Chicago Groupon, Inc. Chicago Help at Home, Inc. Chicago **Higher Education** Chicago Hub international Ltd. Chicago Infiniscene, Inc. Chicago Innovation Group Investors, L.P. Chicago Insureon Holdings, LLC Chicago Intellisys Technologies and Research Limited Oak Brook Champaign

Izar Solar Juice Tyme Acquisition Corp. Chicago Kaufman Hall and Associates Skokie Kettle Partners Chicago Kuvare Holdings, LLC Chicago Lanai Holdings, LLC Warrenville Language Stars, LLC Chicago Lanzatech Skokie Luminary Media LLC Chicago Maestro Healthcare Technology Chicago

Market Track Chicago MD Clone Ltd Chicago Medulla LLC Oak Brook Millennium Trust Co., LLC Oak Brook Millennium Pharmacy Systems, Inc Oak Brook Narrative Science, Inc. Chicago Network Merchants, Inc. Roselle Next Capital Group, Inc. Chicago

Northshore Holdings Limited Chicago Chicago Nuveen Investments, Inc. **NXT Capital Holdings** Chicago Oasis Financial Rosemont Omega Wireless Chicago OneTouchPoint Oak Brook Option Care, Inc. Buffalo Grove Organi Risk Glencoe

Parts Town, LLC Addison Peacock Foods Geneva Perfect Pipeline, Inc. Chicago PixelEXX Systems Chicago **Portillos** Chicago PowerReviews, Inc. Chicago **Pregis Corporation** Deerfield PrepMe Chicago R.J. O'Brien & Associates, LLC Chicago Raise Marketplace Inc Chicago Regatta Medical Chicago Wheeling Resolute Industrial Holdings, LLC Roti Restaurants, Inc. Chicago Salt Creek Advisors Chicago SG360 Wheeling Wheeling SGDL Holdings, Inc. Shiftgig, Inc. Chicago Singlehop Chicago Skinny Corp Chicago SMS Assist, LLC Chicago Spothero Inc. Chicago Sprout Social Chicago ST Residential Chicago Sun Trading LLC Chicago SunSource Holdings, Inc. Addison Tagkast, Inc. Chicago Tecta America Corporation Rosemont Tempus Labs, Inc. Chicago TerSera Therapeutics Chicago The Warranty Group, Inc. Chicago

Univa UD Hoffman Estates

Vantage Specialty Chemicals Holdings Chicago Veriflow Systems Champaign VillageMD 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 Wow Bao, LLC Chicago Yello, Inc. Chicago Yi Group Holdings, LLC Algonquin

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