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August 23, 2019

The Honorable J.B. Pritzker Governor of Illinois James R. Thompson Center 100 West Randolph Street, 16-100 Chicago, IL 60601

Dear Governor Pritzker:

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, 2019, IMRF employed 40 Illinois-based investment management firms and private equity partnerships managing assets with a market value of \$15.4 billion, representing 35.9% of the total IMRF investment portfolio. Additionally, IMRF is invested in 133 properties located in Illinois representing \$172.7 million in aggregate and 6.63% of IMRF's real estate portfolio as of March 31, 2019 (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, 2019 (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, 2019 (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, 2019, IMRF's brokerage commissions generated by trades executed through Illinois-based broker/dealers were approximately \$1.219 million. This represented 8.42% of IMRF's equity brokerage commissions for the same period.

During the 12-month period ended June 30, 2019, IMRF's par-value trades executed through Illinois-based broker/dealers were approximately \$1.832 billion. This represented 3.16% 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

			mmitment 6/30/2019	Percentage of Total IMRF's Assets Under
Illinois-Based Managers	City	(in	millions)	Management as of 6/30/2019
Arbor Investments III	Chicago		\$2.7	0.0%
ARCH Venture Ptrs VI & VII	Chicago		2.9	0.0%
Ativo Capital Management	Chicago		60.7	0.1%
Beecken, Petty, O'Keefe IV	Chicago		10.0	0.0%
Beecken, Petty, O'Keefe V	Chicago		20.0	0.0%
BMO Asset Management	Chicago		1,345.0	3.1%
Channing Capital Management	Chicago		228.6	0.5%
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%
LaSalle Income & Growth VIII	Chicago		25.0	0.1%
LSV Asset Management	Chicago		1,510.1	3.5%
Madison Dearborn Partners	Chicago		24.5	0.1%
Muller & Monroe Asset Mgmt (1)	Chicago		25.0	0.1%
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		10,258.7	24.0%
Oak Street Real Estate Capital III	Chicago		25.0	0.1%
Oak Street Real Estate Capital IV	Chicago		75.0	0.2%
Oak Street Seeding/Strategic II	Chicago		80.0	0.2%
Pfingsten Partners III, LP	Chicago		4.6	0.0%
Security Capital	Chicago		57.1	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%
Vistria Fund III – Direct	Chicago		75.0	0.2%
Water Street Health Ptrs II, III, IV	Chicago		5.0	0.0%
Waud Capital Partners QP IV	Chicago		4.0	0.0%
Waud Capital Partners V	Chicago		75.0	0.2%
William Blair Int'l (LC & SC)	Chicago		1,040.3	2.4%
Total		\$	15,368	35.9%

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

Table II **Illinois-Based Real Estate Investments**

Real Estate City

Direct Investments

Carol Point III Carol Stream

DuPage County Industrial Glendale Heights/Elmhurst

Commingled Fund Investments

1003 N. Rush Chicago 101 Kendall Point Oswego

101 Regency Drive Glendale Heights

1111 Bowes Road Elgin 1201 Enterprise Ave Gatesburg 1214 W. Jackson Chicago 123 N. Wacker Chicago Romeoville 140-148 Pinnacle Drive 150 N. Michigan Ave Chicago 1500 North Michael Chicago 152-162 Pinnacle Drive Romeoville 1551 East Willow St Kankakee 1600 Hunter Road Hanover Park 171 Covington Drive Bloomingdale 1717 W. Harvester Road West Chicago 1789 Hubbard Ave Batavia 18501 Graphic Court Tinley Park Tinley Park 18504 West Creek Drive Tinley Park 18801 Oak Park Avenue

Elk Grove Village 1925 Busse Road 1925 West Field Court Lake Forest 195 Corporate Drive Elgin 20 Unytite Drive Peru 200 Corporate Drive Dixon

2001 Arthur Elk Grove Village 2201 Mt. Prospect Rd Des Plaines 2222 Windsor Ct Addison 2301 Ellis Court New Lenox 2357 South Wood Street Chicago

2400 Dralle Road University Park Elk Grove Village 2401-2501 Lunt Avenue

2431 North Delaney Waukegan 250 N. Mannheim Hillside 2555 Blue Island Avenue Chicago 2580 Prospect Ct Aurora 2700 Alft Lane Elgin 2707 Eola Aurora 2727 West Diehl Road Naperville 2750 Alft Lane Elgin

3002 Malmo Drive Arlington Heights

3100-3250 South Central Cicero

3200 Squibb Avenue Rolling Meadows Bolingbrook 325 Marmon Drive 350 N Orleans Chicago 3501 Mount Prospect Franklin Park

3800 North Manheim RdFranklin Park485-493 MissionCarol Stream500 Regency DriveGlendale Heights5109 Lake StreetMelrose Park530 W North Frontage RdBolingbrook5300 Katrine AvenueDowners Grove

5619-5625 W 115th St Alsip 5655 West 73rst Street Bedford Park 600 Rose Road Lake Zurich 6006 W 73rd Street Bedford Park 600-615 East Brook Drive **Arlington Heights** 6100 West 73rd Street Bedford Park 6112 West 73rd Street Bedford Park 6131 West 74th Street **Bedford Park** 6220 West 73rd Street Bedford Park 699-701 Regency Dr Glendale Heights 7050 High Grove Blvd Burr Ridge 7351 South 78th Street Bridgeview 7447 S Central Ave Bedford Park 748 Chase Ave Elk Grove Village

7600 West 185th Street Tinley Park Tinley Park 7650 West 185th Street 775 Belden Ave Addison 7950 West 185th Street Tinley Park 7979 West 183rd Street Tinley Park 875 Seegers Road Des Plaines 8901 47 Street McCook 900 Deerfield Parkway Buffalo Grove Romeoville 900 North Schmidt Road Arlington Heights 900 W University Dr Des Plaines 901 West Oakton 920 W. Taylor Road Romeoville

9500 Sergo Drive Chicago Schaumburg Albion Avenue Alexander Farm Moultrie Autumn Green - Midway Chicago Autumn Green - Wright Chicago Bauer Farm Christian Belden Centre Chicago Chicago Chicago Industrial City View at the Highlands Chicago CQ Chicago Chicago Crossland Econ-Studios Waukegan

Dollar General Hampton Dollar General Hopedale Dollar General Iuka Dollar General Nauvoo Dwyer Farm Douglas Focus Senior Housing Tinley Park Freedom Commons Chicago GE Core - Pointe O'Hare Des Plaines

GE Core OB Terrace Twr
GE Core One Lincoln Ctr
Oakbrook Terrace
Oakbrook Terrace
Downers Grove
InTown Suites
Elk Grove Village

InTown Suites Villa Park Joliet and DuPage Chicago

Lake Barrington Woods Lake Barrington

Melody Farm Vernon Hills Midway Square Chicago

Motel 6 Arlington Heights

Motel 6 Aurora

Motel 6 Elk Grove Village

Motel 6 Glenview
Motel 6 Joliet
Motel 6 Rolling Meadows

Motel 6Schiller ParkMotel 6SpringfieldMotel 6Villa ParkNorth Water ApartmentsChicagoOne South DearbornChicago

Bolingbrook Promenade Bolingbrook Proviso Drive Melrose Park Red Roof Inn Joliet Red Roof Inn Naperville Retreat at Danada Farms Wheaton Seggebruch Farm Woodford Shops at Glen Pointe Chicago Ten Parkway North Deerfield

The Arboretum South Barrington

Time Out Market Chicago
Valley Oaks MHC Hodgkins
Van Buskirk Vermillion
Washington Street Wood Dale
Westlake Plaza Wilmette
Willis Tower Chicago

Table III

Illinois-Based

Private Equity Portfolio Companies

Illinois Based Companies	City		
Aasonn Holdings, LLC.	Naperville		
Adar IT	Arlington Heights		
Applied Systems, Inc.	University Park		
ATI Physical Therapy	Bolingbrook		
Belly, Inc.	Chicago		
Benchmark Analytics, LLC	Chicago		
Cameo	Chicago		
Canopy Financial, Inc.	Chicago		
Caremerge Inc.	Chicago		
Catalytic Inc.	Chicago		
CCC Information Services, Inc.	Chicago		
CD&R Hydra Buyer Inc.	Addison		
Centurion Services Group LLC.	Franklin Park		
Chowly Inc.	Chicago		
Cirrus Holdings LLC.	Schaumburg		
Cision	Chicago		
Collaborative Learning Inc.	Oak Brook Terrace		
Company AF	University Park		
Company I	Itasca		
Culligan International Group	Rosemont		
dough Inc.	Chicago		
Empire Today LLC.	Northlake		
EN Engineering LLC.	Downers Grove		
Enlivant	Chicago		
Ensono LLC.	Downers Grove		
Eris Exchange Holdings LLC.	Chicago		
Espark	Chicago		
Evanston Capital Management	Evanston		
Eved LLC.	Chicago		
Flexera Software LLC.	Itasca		
Fooda Inc.	Chicago		
Fort Dearborn Company	Elk Grove		
Gamma Technologies Inc.	Westmont		
Generation Brands Inc.	Skokie		
Goji Food Solutions Ltd.	Park Ridge		

Greco & Sons Inc. Bartlett Grosvenor Capital Management L.P. Chicago Groupon Inc. Chicago

Downers Grove

Hearthside Help at Home LLC. Chicago Here Foods Investors Chicago **Higher Education** Illinois-Other HUB International Ltd. Chicago Infiniscene Inc. Chicago Innovation Group Investors, L.P. Chicago Instana Inc. Chicago Insureon Chicago Champaign Izar Solar Inc. Juice Tyme Acquisition Corp. Chicago

Kaufman Hall and Associates Inc. Skokie Kuvare Holdings LLC. Chicago Lanai Holdings LLC. Warrenville Language Stars LLC. Chicago LanzaTech Skokie

Chicago

Chicago

Chicago

Chicago

Luminary Media LLC.

NextCapital Group Inc,

Northshore Holdings Limited

Maestro Healthcare Technology

MD Clone Ltd. Chicago Medulia, LLC. Oak Brook Millenium Pharmacy Systems Oak Brook Millenium Trust Co. LLC. Oak Brook Narrative Science Inc. Chicago Network Merchants Inc. Roselle

Numerator Chicago Nuveen Investments Inc. Chicago NXT Capital LLC. Chicago Oasis Legal Finance LLC. Rosemont Omega Wireless LLC. Chicago

One Touch Paint Oak Brook Option Care Inc. Buffalo Grove

Origami Risk Glencoe Paragon Biosciences Emalex Inc. Chicago Parts Town LLC. Addison Peacock Foods LLC. Geneva Perfect Pipeline Inc. Chicago PixelEXX Systems Inc. Chicago Portillo's Oak Brook PowerReviews Inc. Chicago Pregis Corp. Deerfield PrepMe Chicago R.J. O'Brien & Associates LLC. Chicago Raise Marketplace Inc. Chicago Raymundos Food Group LLC. Bedford Park Regatta Medical Chicago Resolute Industrial Holdings LLC. Wheeling Roti Restaurants Chicago Salt Creek Advisors Illinois-Other SG360 Wheeling Wheeling SGDL Holdings Inc. Chicago Shiftgig Inc. SingleHop LLC. Chicago skinnyCorp Inc. Chicago SMS Assist LLC. Chicago Soulsight Inc. Chicago Spothero Inc. Chicago Sprout Social Inc. Chicago ST Residentail Chicago Sun Trading LLC. Chicago SunSource Holdings Inc. Addison

Suzo-Happ Group Mount Prospect

Syndigo LLC. Chicago Tagkast Inc. Chicago Tangent Technologies Investments LLC. Aurora Tecta America Corp. Rosemont Tempus Labs Inc. Chicago TerSera Therapeutics Chicago The Segerdahl Corp. Wheeling The Warranty Group Inc. Chicago Tock Inc. Chicago

Univa Corp. Hoffman Estates

Vantage Specialty Chemicals Holdings Chicago Veriflow Systems Inc. Champaign Village MD LLC. Chicago Vivid Seats Chicago VSA Partners Inc. Chicago Watchfire Technologies Inc. Danville Watermelon Express Inc. Chicago Wellspring Worldwide Inc. Chicago Wow Bao LLC. Chicago Yello Inc. Chicago

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