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December 21, 2015

The Honorable Bruce Rauner Governor of Illinois James R Thompson Center 100 West Randolph Street, 16-100 Chicago, IL 60601

**RE: Annual Diversity Report** 

Dear Governor Rauner:

The Illinois Municipal Retirement Fund (IMRF) Board of Trustees is pleased to submit its annual report on the diversity policies established as required under Section 1-109.1 of the Illinois Pension Code. The report provides the policies the IMRF Board of Trustees has adopted to increase the utilization of minority and emerging owned investment managers, the utilization of minority owned broker-dealers, the racial, ethnic, and gender diversity of fiduciaries, including consultants and senior staff and the utilization of minorities, females and persons with disabilities for all contracts and services. The 2015 Diversity Report provides the details of all minorities, female, and persons with a disability owned investment management firms including assets under management by asset class and as a percentage of the total IMRF investment portfolio.

Please contact me at (630) 368-5355 if you have any questions.

Very truly yours,

Louis W. Kosiba Executive Director

Enclosure

# Illinois Municipal Retirement Fund 2015 Diversity Report

Respectfully submitted to the Illinois Governor and the General Assembly



### **Table of Contents**

Minority, Female and Persons with Disability Owned Investment Manager Summary	2
Utilization of Emerging Investment Manager Policy	10
Utilization of Minority Broker-Dealer Policy	15
Racial, Ethnic, and Gender Diversity of Fiduciaries, including Consultants and Senior Staff Policy	
Utilization of Businesses Owned by Minorities, Females, and Persons with Disabilitie for all Contracts and Services Policy	es

Illinois Municipal Retirement (IMRF) Board of Trustees is pleased to submit its annual report on diversity. Our 2015 Diversity Report provides the policies the IMRF Board of Trustees has adopted to increase 1) utilization of minority and emerging owned investment managers, 2) utilization of minority owned broker-dealers, 3) racial, ethnic, and gender diversity of fiduciaries, including consultants and senior staff and 4) utilization of minorities, females and persons with disabilities for all contracts and services. The 2015 Diversity Report provides the details of all minorities, female, and persons with a disability owned investment management firms including assets under management by asset class and as a percentage of the total IMRF investment portfolio.

#### Minority, Female and Persons with Disability Owned Investment Manager Summary

As of September 30, 2015, IMRF utilizes investment managers owned by minorities, females or persons with disabilities to manage \$6.2 billion or 18.57% of the total IMRF investment portfolio across domestic equity, fixed income, international equity, private equity and real estate asset classes. The table details the assets under management by asset class and investment manager classification

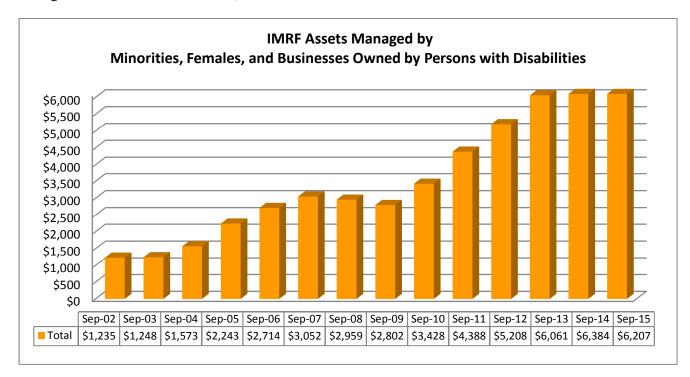
Asset Class	African American	Latino	Female	Asian	Disabled	Grand Total
Domestic Equity	1,015,591,051	195,438,064	158,518,706			1,369,547,820
Fixed Income	1,219,976,550	1,365,003,676	261,468,498			2,846,448,725
Hedge Fund	12,741,829	41,705,862	12,300,120	92,632,534		159,380,345
International Equity	787,063,799	101,818,493	529,670,488	26,396,086		1,444,948,866
Private Equity*	227,799,157	36,581,047	8,480,942	26,104,604		298,965,751
Real Estate*		50,401,220		22,079,522	14,849,944	87,330,686
Total	\$3,263,172,386	\$1,790,948,362	\$970,438,754	\$167,212,746	\$14,849,944	\$6,206,622,192

<sup>\*</sup> Private Equity and Real Estate values are committed amounts

Investment Manager Classification	Minority AUM	% of Total Fund Market Value*
African American	3,263,172,386	9.76%
Latino	1,790,948,362	5.36%
Female	970,438,754	2.90%
Asian	167,212,746	0.50%
Disabled	14,849,944	0.04%
Total	\$6,206,622,192	18.57%

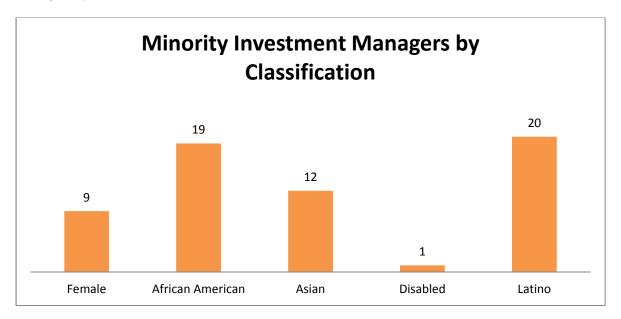
<sup>\*</sup> Total Fund Market Value as of 9/30/15 was \$33,428,596,561

Since 2002, IMRF has increased its utilization of investment management firms owned by minorities, females and businesses owned by persons with disabilities. The assets managed have increased from \$1.2 billion to \$6.2 billion over a 13 year period. The number of investment managers has increased from 3 to 61, since 2002.





As of September 30, 2015, IMRF has 61 investment managers that are owned by minorities, females and persons with disabilities. The graph below provides the number of minority managers by classification.



In an effort to increase the use of minority investment managers, IMRF attended the following conferences/events to foster relationships with the minority manager community:

- Toigo Board Meeting and Gala
- NASP Annual Pension and Financial Services Conference
- PE WIN Emerging Manager Event
- Women in Real Estate Luncheon
- Toigo Groundbreakers Women in Leadership Summit
- Progress' Plan Sponsor and EM Conference

Since 2013, IMRF has launched targeted RFPs that specifically focus on minority owned firms. In 2015, IMRF launched a RFP for an investment manager to implement a real estate manager of manager program that would invest solely in investment management firms owned by minorities, females and persons with disabilities. Artemis, a female owned investment management firm, was hired to implement the real estate manager of manager program.

IMRF utilizes Progress Investment Management, Aurora Investment Management, Abbott Capital, Pantheon, and Artemis as manager of manager/ fund of fund programs to hire underlying minority investment managers. Progress has two Public Market mandates, international equity and fixed income, that invest solely in firms owned by minorities, females, and persons with disabilities. The Alternative mandates managed by Aurora, Abbott and Pantheon include firms owned by minorities, females, and persons with disabilities as well as non-minority investment management firms. IMRF refers minority investment managers to one of the manager of managers or fund of funds programs when IMRF does not have plans for an investment manager search. The manager of managers and fund of funds programs make portfolio changes at their discretion.

The IMRF Board of Trustees requires that its consultant, Callan Associates, use non-discriminatory practices when recommending investment manager candidates and that they maintain a database of

minority, female and persons with disabilities owned investment managers. Callan's database contains 273 minorities, females and a persons with disabilities owned investment managers. A list of these investment managers is attached as Exhibit A.

Additionally, in 2010 Callan Associates launched Callan Connects to enhance their coverage of emerging manager and minority, woman, and disabled-owned firms (MWDO). One day each quarter is reserved for Callan research professionals to meet with emerging managers (defined as any firm with assets under management between \$10 million and \$3 billion) and MWDO firms, or those majority owned by minorities, females and persons with disabilities that have assets under management between \$10 million and \$10 billion. Managers have 30 minutes to present their firm and its products.

From 10/1/14 through 9/30/15, Callan Associates has met with 31 emerging and MWDO firms through Callan Connects: 8 in New Jersey, 9 in Boston, 9 in Chicago, and 5 in San Francisco. In total, Callan Associates had meetings with 168 MWDO firms from 10/1/14 through 9/30/15, inclusive of the Callan Connects meetings.

#### **Utilization of Minority Investment Manager Policy**

IMRF has adopted a policy that sets forth goals for utilization of minority investment managers defined as a qualified investment adviser that manages an investment portfolio and is a minority owned business, female owned business or business owned by a person with a disability. The Minority Investment Manager Utilization Policy is provided in Exhibit B.

As of September 30, 2015, the actual IMRF portfolio allocations per minority investment manager classification were as follows:

Minority Investment Manager Classification	Minimum Goal as a % of Total Portfolio	Actual % of Total Portfolio
Minority Owned Businesses	9% to 13%	15.62%
Female Owned Businesses	2% to 6%	2.90%
Businesses Owned by a Person with a Disability	0.5% to 1%	0.04%
Total		18.57%

As of September 30, 2015, the actual IMRF portfolio minority investment manager allocations per asset class were as follows:

Portfolio Asset Class	Minimum Goal as a % of Asset Class	Actual % of Asset Class
Equities	10% to 12%	13.86%
Fixed Income	15% to 20%	29.62%
Alternatives (ii)	5% to 10%	11.13%

<sup>(</sup>ii) Actual percentage of Asset Class for Alternatives is calculated using committed amounts in the numerator and denominator. Hedge Fund assets are based on NAV or funded amounts.

The table below lists the Minority Investment Managers by classification and % of Total Fund's Market Value.

Classification	Asset Class	Manager Name	AUM	% of Total Fund Market Value
African American	Domestic Equity	Ariel	66,307,771	0.20%
African American	Domestic Equity	Channing	161,613,210	0.48%
African American	Domestic Equity	Holland	787,670,069	2.36%
African American	Fixed Income	Earnest	563,048,369	1.68%
African American	Fixed Income	Piedmont	547,252,296	1.64%
African American	Fixed Income	Progress	0	0.00%
African American	Fixed Income	Progress Subadvisor Pugh Capital Management, Inc.	109,675,886	0.33%
African American	Hedge Fund	Aurora Subadvisor Elizabeth Park	12,741,829	0.04%
African American	International Equity	Brown	267,743,765	0.80%
African American	International Equity	Earnest	461,419,919	1.38%
African American	International Equity	Progress Int Subadvisor Brown Capital Management, Inc.	40,192,023	0.12%
African American	International Equity	Progress Int Subadvisor Metis Global Partners	17,708,091	0.05%
African American	International Equity	Progress International	0	0.00%
African American	Private Equity	Abbott Capital Subadvisor ICV III	4,512,858	0.01%
African American	Private Equity	ICV III	20,000,000	0.06%
African American	Private Equity	Muller & Monroe ILPEFF	4,691,387	0.01%
African American	Private Equity	Muller & Monroe ILPEFF Subadvisor Ascend Ventures II	1,384,754	0.00%
African American	Private Equity	Muller & Monroe ILPEFF Subadvisor ICV Partners II	865,471	0.00%
African American	Private Equity	Muller & Monroe ILPEFF Subadvisor RLJ Equity Partners	2,163,678	0.01%
African American	Private Equity	Muller & Monroe ILPEFF Subadvisor Smith Whiley Pelham Fund II	1,730,942	0.01%
African American	Private Equity	Muller & Monroe ILPEFF Subadvisor Syncom Venture Partners V	1,730,942	0.01%

African	Private			
American	Equity	Muller & Monroe M2PEFF	2,494,789	0.01%
African	Private	Muller & Monroe M2PEFF Subadvisor		
American	Equity	DBL Equity Fund -BAEF II	1,661,021	0.00%
African	Private	Muller & Monroe M2PEFF Subadvisor		
American	Equity	Smith Whiley Pelham Fund III	1,563,314	0.00%
African	Private	·	<b>7</b> 000 000	0.010/
American	Equity	Pantheon Subadvisor ICV III	5,000,000	0.01%
African	Private	Wists Conditions Frond I	50,000,000	0.150/
American	Equity	Vista Credit Opp Fund I	50,000,000	0.15%
African	Private	Visto Foundation Fund II	15 000 000	0.040/
American	Equity	Vista Foundation Fund II	15,000,000	0.04%
African	Private	Vista V	100,000,000	0.30%
American	Equity	vista v	100,000,000	0.30%
African	Private	Vistria	15,000,000	0.04%
American	Equity	v isti ia		
Total African A	merican		3,263,172,386	9.76%
Asian	Hedge Fund	Aurora Subadvisor Adi Capital	16,622,177	0.05%
Asian	Hedge Fund	Aurora Subadvisor Columbus Hill	37,288,246	0.11%
Tisian	Treage Tuna	Partners, LP	31,200,240	0.1170
Asian	Hedge Fund	Aurora Subadvisor Guard Macro US Feeder Fund	18,876,178	0.06%
Asian	Hedge Fund	Aurora Subadvisor Naya Funds	8,610,281	0.03%
Asian	Hedge Fund	Aurora Subadvisor Sentinel Dome	11,235,652	0.03%
	International	Progress Int Subadvisor Arga Investment		
Asian	Equity	Management, LP	26,396,086	0.08%
	Private	Abbott Capital Subadvisor Storm	4.000.000	0.010/
Asian	Equity	Ventures V	4,000,000	0.01%
A -:	Private	Abbott Capital Subadvisor Vivo Capital	2 500 000	0.010/
Asian	Equity	Fund VIII	3,500,000	0.01%
Agian	Private	Abbott Capital Subadvisor Vivo	6 004 410	0.02%
Asian	Equity	Ventures VII	6,004,410	0.02%
Asian	Private	Mayfield XIV	5,000,000	0.01%
Asian	Equity	wayned Aiv	3,000,000	0.0170
Asian	Private	Pantheon Subadvisor Khosla Seed	220,000	0.00%
Tisian	Equity	1 difficon Subadvisor Knosia Seed	220,000	0.0070
Asian	Private	Pantheon Subadvisor Khosla Seed B	1,080,000	0.00%
1 101411	Equity		1,000,000	0.0070
Asian	Private	Pantheon Subadvisor Khosla Seed C	2,250,000	0.01%
1 101411	Equity	Tanana Sucauti Isan Tanasa Sucau	=,==0,000	0.0170
Asian	Private	Pantheon Subadvisor Khosla Ventures III	680,194	0.00%
	Equity		, .	
Asian	Private	Pantheon Subadvisor Khosla Ventures	1,120,000	0.00%
	Equity	IV		
Asian	Private	Pantheon Subadvisor Khosla Ventures V	2,250,000	0.01%
	Equity	Franklin Tamplatan Subadvigar		
Asian	Real Estate	Franklin Templeton Subadvisor GreenOak U.S.	11,723,640	0.04%
		Franklin Templeton Subadvisor		
Asian	Real Estate	GreenOak U.S. Co-Investment	2,930,910	0.01%
		Greenous C.S. Co myostment		

Asian	Real Estate	Franklin Templeton Subadvisor Noble Hospitality Fund II, L.P.	7,424,972	0.02%
Total Asian Am	erican		167,212,746	0.50%
Disabled	Real Estate	Franklin Templeton Subadvisor Newport Capital Partners Fund I, L.P.	14,849,944	0.04%
Total Disabled	American		14,849,944	0.04%
Female	Domestic Equity	Vision	158,518,706	0.47%
Female	Fixed Income	Progress Subadvisor Concerto Asset Management, LLC	29,867,821	0.09%
Female	Fixed Income	Progress Subadvisor Longfellow Investment Management Co.	103,169,098	0.31%
Female	Fixed Income	Progress Subadvisor New Century Advisors, LLC	128,431,579	0.38%
Female	Hedge Fund	Aurora Subadvisor Aperimus Partners, L.P.	12,300,120	0.04%
Female	International Equity	GlobeFlex	470,664,374	1.41%
Female	International Equity	Progress Int Subadvisor Strategic Global Advisors, LLC	59,006,114	0.18%
Female	Private Equity	Abbott Capital Subadvisor Oak HC/FT Partners	4,500,000	0.01%
Female	Private Equity	Muller & Monroe ILPEFF Subadvisor Castile Ventures III	1,730,942	0.01%
Female	Private Equity	Pantheon Subadvisor Oak HC/FT Partners	2,250,000	0.01%
<b>Total Female</b>	Equity	1 artifets	970,438,754	2.90%
Latino	Domestic Equity	Ativo	51,140,485	0.15%
Latino	Domestic Equity	Lombardia Small Cap	144,297,578	0.43%
Latino	Fixed Income	Garcia Hamilton	249,921,014	0.75%
Latino Latino	Fixed Income Fixed Income	LM Capital Progress Subadvisor Garcia Hamilton &	862,674,431 122,843,246	2.58% 0.37%
Latino	Fixed Income	Associates Progress Subadvisor GIA Partners, LLC	98,672,449	0.37%
Latino	Fixed Income	Progress Subadvisor Ramirez Asset	30,892,536	0.30%
Latino	Hedge Fund	Management Inc. Aurora Subadvisor Kabouter	11,871,404	0.04%
	•	Aurora Subadvisor Miura Global		
Latino	Hedge Fund	Partners II, LP	18,205,340	0.05%
Latino	Hedge Fund International	Aurora Subadvisor Roystone Capital	11,629,118	0.03%
Latino	Equity	Lombardia International	27,981,320	0.08%
Latino	International Equity	Progress Int Subadvisor Ativo Capital Management, LLC	35,377,177	0.11%
Latino	International Equity	Progress Int Subadvisor Glovista Investments, LLC	38,459,996	0.12%

<b>Total Minority Investment Managers</b>			6,206,622,192	18.57%
Total Latino American			1,790,948,362	5.36%
Latino	Real Estate	Oak Street Real Estate Capital	25,000,000	0.07%
Latino	Real Estate	Franklin Templeton Subadvisor Long Wharf Real Estate Partners IV, L.P.	13,677,580	0.04%
Latino	Real Estate	Franklin Templeton Subadvisor Hudson Realty Capital V, L.P.	11,723,640	0.04%
Latino	Private Equity	Valor III	5,000,000	0.01%
Latino	Private Equity	Pantheon Subadvisor NMS Fund II	2,250,000	0.01%
Latino	Private Equity	NMS II	5,000,000	0.01%
Latino	Private Equity	Muller & Monroe M2PEFF Subadvisor Hispania Private Equity II	1,563,314	0.00%
Latino	Private Equity	Muller & Monroe ILPEFF Subadvisor Nogales Investors II	748,965	0.00%
Latino	Private Equity	Estancia	5,000,000	0.01%
Latino	Private Equity	AUA Private Equity Fund, LP	5,000,000	0.01%
Latino	Private Equity	Abbott Capital Subadvisor NMS Fund II	4,518,171	0.01%
Latino	Private Equity	Abbott Capital Subadvisor Clearlake Capital Partners III	7,500,597	0.02%

#### **Utilization of Emerging Investment Manager Policy**

IMRF has adopted a policy that sets forth goals for utilization of emerging investment managers defined as a qualified investment adviser that manages an investment portfolio of at least \$10 million but less than \$10 billion and is a minority owned business, female owned business or business owned by a person with a disability.

As of September 30, 2015, the actual IMRF portfolio allocations per emerging investment manager classification were as follows:

Emerging Investment Manager Classification	Minimum Goal as a % of Total Portfolio	Actual % of Total Portfolio
Minority Owned Businesses	9% to 13%	12.55%
Female Owned Businesses	2% to 6%	2.90%
Businesses Owned by a Person with a Disability	0.5% to 1%	0.04%
Total		15.50%

As of September 30, 2015, the actual IMRF portfolio emerging investment manager allocations per asset class were as follows:

Portfolio Asset Class	Minimum Goal as a % of Asset Class	Actual % of Asset Class
Equities	10% to 12%	11.59%
Fixed Income	15% to 20%	23.76%
Alternatives (ii)	5% to 10%	11.13%

<sup>(</sup>ii) Actual percentage of Asset Class for Alternatives is calculated using committed amounts in the numerator and denominator. Hedge Fund assets are based on NAV or funded amounts.

The Emerging Investment Manager Utilization Policy and a listing of the Emerging Investment Manager names and addresses are provided in Exhibit C and D, respectively.

The table below lists the Emerging Investment Managers by classification and % of Total Fund's Market Value.

Classification	Asset Class	Manager Name	AUM	% of Total Fund Market Value
African American	Domestic Equity	Ariel	66,307,771	0.20%
African American	Domestic Equity	Channing	161,613,210	0.48%
African American	Domestic Equity	Holland	787,670,069	2.36%
African American African	Fixed Income	Piedmont	547,252,296	1.64%
American African	Fixed Income	Progress Subadvisor Duch	0	0.00%
American African	Fixed Income	Progress Subadvisor Pugh Capital Management, Inc. Aurora Subadvisor Elizabeth	109,675,886	0.33%
American African	Hedge Fund International	Park	12,741,829	0.04%
American African	Equity International	Brown Progress Int Subadvisor Brown	267,743,765	0.80%
American African	Equity International	Capital Management, Inc. Progress Int Subadvisor Metis	40,192,023	0.12%
American African	Equity International	Global Partners	17,708,091	0.05%
American African	Equity Private	Progress International Abbott Capital Subadvisor ICV	0	0.00% 0.01%
American African	Equity Private	III ICV III	4,512,858 20,000,000	0.01%
American African	Equity Private	Muller & Monroe ILPEFF	4,691,387	0.01%
American African	Equity Private	Muller & Monroe ILPEFF	1,384,754	0.00%
American African	Equity Private	Subadvisor Ascend Ventures II Muller & Monroe ILPEFF Subadvisor ICV Partners II	865,471	0.00%
American African American	Equity Private Equity	Muller & Monroe ILPEFF Subadvisor RLJ Equity Partners	2,163,678	0.01%
African American	Private Equity	Muller & Monroe ILPEFF Subadvisor Smith Whiley Pelham Fund II	1,730,942	0.01%
African American	Private Equity	Muller & Monroe ILPEFF Subadvisor Syncom Venture Partners V	1,730,942	0.01%
African American	Private Equity	Muller & Monroe M2PEFF	2,494,789	0.01%
African American	Private Equity	Muller & Monroe M2PEFF Subadvisor DBL Equity Fund - BAEF II	1,661,021	0.00%

African	Private	Muller & Monroe M2PEFF Subadvisor Smith Whiley	1,563,314	0.00%
American	Equity	Pelham Fund III	1,303,314	0.0076
African	Private	Pantheon Subadvisor ICV III	5,000,000	0.01%
American	Equity	rantheon Subadvisor ic v III	3,000,000	0.0170
African	Private	Vista Credit Opp Fund I	50,000,000	0.15%
American African	Equity Private	••		
American	Equity	Vista Foundation Fund II	15,000,000	0.04%
African	Private	77. 1 77	100 000 000	0.200/
American	Equity	Vista V	100,000,000	0.30%
African	Private	Vistria	15,000,000	0.04%
American	Equity	Visura		
Total African	American		2,238,704,099	6.70%
		A	16 600 177	0.050/
Asian	Hedge Fund	Aurora Subadvisor Adi Capital	16,622,177	0.05%
Asian	Hedge Fund	Aurora Subadvisor Columbus Hill Partners, LP	37,288,246	0.11%
Asian	Hedge Fund	Aurora Subadvisor Guard Macro US Feeder Fund	18,876,178	0.06%
Asian	Hedge Fund	Aurora Subadvisor Naya Funds	8,610,281	0.03%
Asian	Hedge Fund	Aurora Subadvisor Sentinel Dome	11,235,652	0.03%
Asian	International	Progress Int Subadvisor Arga	26,396,086	0.08%
1 ISIMII	Equity	Investment Management, LP	20,570,000	0.0070
Asian	Private	Abbott Capital Subadvisor Storm Ventures V	4,000,000	0.01%
	Equity Private	Abbott Capital Subadvisor Vivo		
Asian	Equity	Capital Fund VIII	3,500,000	0.01%
<b>A</b>	Private	Abbott Capital Subadvisor Vivo	6 004 410	0.020/
Asian	Equity	Ventures VII	6,004,410	0.02%
Asian	Private	Mayfield XIV	5,000,000	0.01%
1 ISIMII	Equity	•	2,000,000	0.0170
Asian	Private	Pantheon Subadvisor Khosla	220,000	0.00%
	Equity Private	Seed Pantheon Subadvisor Khosla		
Asian	Equity	Seed B	1,080,000	0.00%
<b>A</b>	Private	Pantheon Subadvisor Khosla	2 250 000	0.010/
Asian	Equity	Seed C	2,250,000	0.01%
Asian	Private	Pantheon Subadvisor Khosla	680,194	0.00%
risian	Equity	Ventures III	000,174	0.0070
Asian	Private	Pantheon Subadvisor Khosla	1,120,000	0.00%
	Equity	Ventures IV	, ,	
Asian	Private Equity	Pantheon Subadvisor Khosla Ventures V	2,250,000	0.01%
		Franklin Templeton Subadvisor		
Asian	Real Estate	GreenOak U.S.	11,723,640	0.04%
Asian	Real Estate	Franklin Templeton Subadvisor	2,930,910	0.01%
Asian	Real Estate	GreenOak U.S. Co-Investment	4,930,910	0.0170

Asian	Real Estate	Franklin Templeton Subadvisor Noble Hospitality Fund II, L.P.	7,424,972	0.02%
Total Asian Ar	nerican		167,212,746	0.50%
Disabled  Total Disabled	Real Estate  American	Franklin Templeton Subadvisor Newport Capital Partners Fund I, L.P.	14,849,944 <b>14,849,944</b>	0.04% <b>0.04%</b>
			, ,	
Female	Domestic Equity	Vision	158,518,706	0.47%
Female	Fixed Income	Progress Subadvisor Concerto Asset Management, LLC	29,867,821	0.09%
Female	Fixed Income	Progress Subadvisor Longfellow Investment Management Co.	103,169,098	0.31%
Female	Fixed Income	Progress Subadvisor New Century Advisors, LLC	128,431,579	0.38%
Female	Hedge Fund	Aurora Subadvisor Aperimus Partners, L.P.	12,300,120	0.04%
Female	International Equity	GlobeFlex	470,664,374	1.41%
Female	International Equity	Progress Int Subadvisor Strategic Global Advisors, LLC	59,006,114	0.18%
Female	Private Equity	Abbott Capital Subadvisor Oak HC/FT Partners	4,500,000	0.01%
Female	Private Equity	Muller & Monroe ILPEFF Subadvisor Castile Ventures III	1,730,942	0.01%
Female	Private Equity	Pantheon Subadvisor Oak HC/FT Partners	2,250,000	0.01%
<b>Total Female</b>	1 3		970,438,754	2.90%
Latino	Domestic Equity	Ativo	51,140,485	0.15%
Latino	Domestic Equity	Lombardia Small Cap	144,297,578	0.43%
Latino	Fixed Income	Garcia Hamilton	249,921,014	0.75%
Latino	Fixed Income	LM Capital	862,674,431	2.58%
Latino	Fixed Income	Progress Subadvisor Garcia Hamilton & Associates	122,843,246	0.37%
Latino	Fixed Income	Progress Subadvisor GIA Partners, LLC	98,672,449	0.30%
Latino	Fixed Income	Progress Subadvisor Ramirez Asset Management Inc.	30,892,536	0.09%
Latino	Hedge Fund	Aurora Subadvisor Kabouter	11,871,404	0.04%
Latino	Hedge Fund	Aurora Subadvisor Miura Global Partners II, LP	18,205,340	0.05%
Latino	Hedge Fund	Aurora Subadvisor Roystone Capital	11,629,118	0.03%

Latino	International Equity	Lombardia International	27,981,320	0.08%
Latino	International Equity	Progress Int Subadvisor Ativo Capital Management, LLC	35,377,177	0.11%
Latino	International Equity	Progress Int Subadvisor Glovista Investments, LLC	38,459,996	0.12%
Latino	Private Equity	Abbott Capital Subadvisor Clearlake Capital Partners III	7,500,597	0.02%
Latino	Private Equity	Abbott Capital Subadvisor NMS Fund II	4,518,171	0.01%
Latino	Private Equity	AUA Private Equity Fund, LP	5,000,000	0.01%
Latino	Private Equity	Estancia	5,000,000	0.01%
Latino	Private Equity	Muller & Monroe ILPEFF Subadvisor Nogales Investors II	748,965	0.00%
Latino	Private Equity	Muller & Monroe M2PEFF Subadvisor Hispania Private Equity II	1,563,314	0.00%
Latino	Private Equity	NMS II	5,000,000	0.01%
Latino	Private Equity	Pantheon Subadvisor NMS Fund II	2,250,000	0.01%
Latino	Private Equity	Valor III	5,000,000	0.01%
Latino	Real Estate	Franklin Templeton Subadvisor Hudson Realty Capital V, L.P. Franklin Templeton Subadvisor	11,723,640	0.04%
Latino	Real Estate	Long Wharf Real Estate Partners IV, L.P.	13,677,580	0.04%
Latino	Real Estate	Oak Street Real Estate Capital	25,000,000	0.07%
Total Latino A	merican		1,790,948,362	5.36%
Total Emergin Managers	g Investment		5,182,153,905	15.50%

The table below lists the emerging investment manager activity year to date as of 9/30/15.

Action Full	Asset Class Domestic	Classification Latino	Emerged/Emerging	Manager Name Fortaleza Asset	Assets (\$millions)
Withdraw	Equity	American	Emerging	Management, Inc.	-41.7
Partial	Domestic	African	Emerging	Management, Inc.	<del>-4</del> 1./
Withdraw	Equity	American	Emerging	Holland	-325.0
vv itilara vv	Fixed	Latino	Emerging	Hondina	323.0
New hire	Income	American	Emerging	Garcia Hamilton	100.0
Additional	Fixed	Latino	24.88	Owi Giw Tiwiningon	100.0
Allocation	Income	American	Emerging	Garcia Hamilton	150.0
Full	Hedge	Asian	- <i>G</i> - <i>G</i>	Aurora Subadvisor	
Withdraw	Fund	American	Emerging	Bloom Tree Fund	-8.8
				Aurora Subadvisor	
	Hedge	Asian		Guard Macro US	
New Hire	Fund	American	Emerging	Feeder Fund	16.8
				Abbott Capital	
Committed	Private	Asian		Subadvisor Storm	
Capital	Equity*	American	Emerging	Ventures V	4.0
				Abbott Capital	
Committed	Private	Asian		Subadvisor Vivo	
Capital	Equity*	American	Emerging	Capital Fund VIII	3.5
Committed	Private	Latino			
Capital	Equity*	American	Emerging	AUA Private Equity	5.0
Committed	Private	Asian		Pantheon Subadvisor	
Capital	Equity*	American	Emerging	Khosla Seed C	2.3
Committed	Private	Latino		Valor Equity Partners	
Capital	Equity*	American	Emerging	III	5.0
Additional	Private	African			
Commitment	Equity*	American	Emerging	Vistria Fund	10.0
Committed	Real	Latino		Oak Street Real	
Capital	Estate*	American	Emerging	Estate Capital	25.0
*Private Equity	y and Real Es	state are committe	ed amounts		<b>*</b> ( <b>*</b> 4 • )
				Total	\$(54.0)

#### **Utilization of Minority Broker-Dealer Policy**

In further recognition of the objectives of the Illinois Pension Code, the IMRF Board of Trustees has adopted a policy that sets forth goals for increasing the utilization of minority broker-dealers. The policy is provided in Exhibit E.

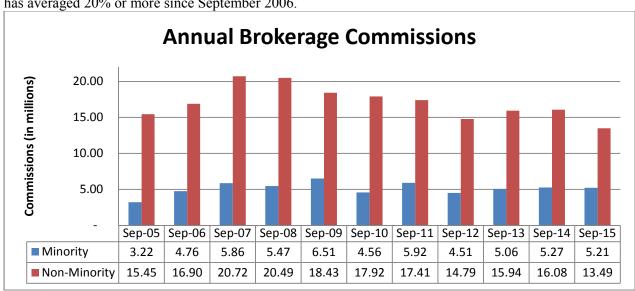
The total commission amounts are based on actual commissions for equities and estimated commissions for fixed income. The table below lists by asset classes the minimum brokerage goals by asset class and actual brokerage goals achieved as of September 30, 2015.

Asset Class	Minimum Goal	Actual %
U.S. Equities	25%	40.77%
International Equities	20%	27.75%
Fixed Income	22%	40.95%
High-Yield Bonds	5%	7.02%
U.S. Micro-Cap Equities	7%	19.02%
International Small-Cap Equities	5%	9.16%
Commingled Accounts	Best Efforts	0.28%

To ensure that progress is continuously made toward achieving our minority, female or a person with a disability owned brokerage goals, our money managers are required to report their use of minority, female or a person with a disability owned business enterprise broker/dealers monthly. If a manager fails to achieve their respective goal of commissions directed to minority, female or a person with a disability owned business enterprise broker/dealers during a given month, they must provide written notification to IMRF explaining why this goal was not achieved. Each quarter, IMRF will review each investment managers' year to date utilization of MFPDOB brokers. If the manager is not meeting the goal on a year to date basis, IMRF will contact the manager to remind them of the goals. Consequences for not meeting IMRF's minority brokerage goals are situation specific and range from increased monitoring, placement on a watch list, asset reduction, termination and exclusion from receiving additional allocations/mandates.

IMRF's external investment managers execute trades through minority, female and persons with a disability owned broker/dealers. For the twelve months ended September 30, 2015, \$5.2 million, or 27.86% of the total commissions paid by IMRF, were executed by broker/dealers owned by minorities, females or by a person with a disability.

The following chart shows IMRF's continued use of minority, female or persons with a disability owned broker/dealers over the last ten years ending September 30<sup>th</sup>. Importantly, the total percentage of commissions to minority, female or a person with a disability owned broker/dealers has averaged 20% or more since September 2006.



The attached Exhibit F lists the minority, female and a person with a disability owned broker/dealers and the commissions they earned from IMRF between October 1, 2014 and September 30, 2015.

In addition to adopting goals for minority, female or a person with a disability owned money managers and brokerage, the IMRF Board of Trustees has appointed the President of the Board as the Trustee responsible for monitoring the progress toward achieving these goals.

IMRF maintains a list of minority, female and person with a disability owned broker dealers that have contacted IMRF and provided their contact details. The list is posted on IMRF's website under the Investment section. While this is not an approved list, IMRF's investment managers may utilize this list to select minority broker dealers, at their sole discretion.

IMRF maintains a list of its investment managers and their contact details. The list is posted on IMRF's website under the Investment section. Minority brokers may utilize this list to contact IMRF's investment managers.

Additionally, IMRF is available to assist in facilitating dialogue between minority broker dealers and it investment managers.

## Racial, Ethnic, and Gender Diversity of Fiduciaries, including Consultants and Senior Staff Policy

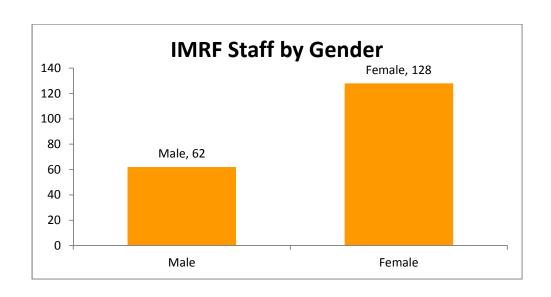
In its ongoing dedication to diversity principles, IMRF has adopted goals for increasing the racial, ethnic, and gender diversity of its fiduciaries, including its consultants and senior staff. The policy is provided in Exhibit G.

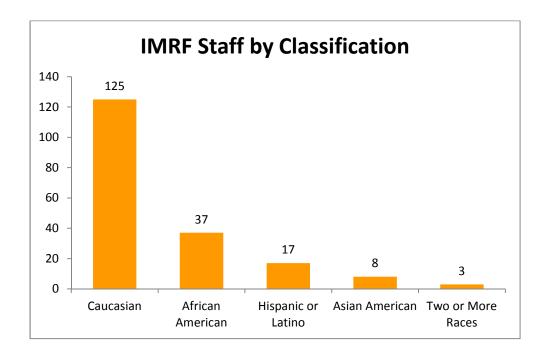
For the Board of Trustees, IMRF encourages individuals who qualify as minorities, females or a person with a disability to run for election to the Board of Trustees. IMRF trustees are elected by employers, members, and annuitants. No Trustees are appointed or hold office ex-officio. As of 9/30/15, the IMRF Board of Trustees is comprised of 8 individuals of which 4 or 50% are minority and/or females.

For other fiduciaries, such as consultants, IMRF is committed to diversity in hiring such firms. Importantly, IMRF will also work to ensure that majority firms acting as fiduciaries hire and promote minorities, females or persons with disabilities into top management and ownership positions. As of 9/30/15, IMRF's investment consultant, Callan Associates, has a staff of 140 individuals of which 90 or 64.3% are minorities and females.

For senior staff, IMRF's goal for senior staff is to mirror the diversity found in the external recruiting area. Senior staff consists of directors, managers, supervisors, and team leaders. From 10/01/2014 thru 09/30/2015, IMRF experienced two departures from our senior staff (two minority females). During the same time period, IMRF hired four external candidates to senior staff positions (two non-minority females and two minority females) and internally promoted no employees to senior staff positions. The resulting number of females and minorities in senior staff positions remains in line with our diversity goals. These goals will be reviewed annually.

IMRF has a total of 190 employees. The graphs below provide the breakout by gender and classification.





## Utilization of Businesses Owned by Minorities, Females, and Persons with Disabilities for all Contracts and Services Policy

Advancing its commitment to diversity principles, IMRF adopted goals for the utilization of businesses owned by minorities, females, and persons with disabilities for all contracts and services. The complete policy can be found in Exhibit H.

It is the policy of the IMRF Board of Trustees to include qualified minority and female owned business enterprises and businesses owned by a person with a disability in the Fund's

procurement process and to objectively evaluate all qualified businesses regardless of race, gender or handicap.

IMRF set a minimum goal of 18% for contracts and purchases from businesses owned by minorities, women, and persons with a disability as a share of all of its contracts and purchases. These goals are based on the percentage of total dollar amount of all purchasing contracts let, excluding payments such as postage, rent (utilities), insurance premiums, and some single-source technology solutions.

The Purchasing Unit carefully tracks the usage of businesses owned by minorities, females, and persons with a disability (minority) in order to meet or exceed the goal. IMRF is continually looking to expand its database of qualified suppliers, with special emphasis on minority owned businesses. The Purchasing Unit added 3 minority owned businesses to the vendor database in 2015, and utilized 18 different minority owned vendors during the past year. The IMRF Board of Trustees approved a policy whereby minority vendors can be selected as the winning bidder if their bid is up to 15% more than non-minority vendors. This increases our utilization of minority vendors. These progressive practices and policies help us towards the achievement of our 18% utilization goal. As of 11/30/15, IMRF's utilization of minority owned businesses was 16.08% of total expenditures.

The Purchasing Unit will continue to review and analyze the goal each year. The goal may be modified by IMRF to further increase the usage of minority owned businesses as IMRF continues to gain experience and knowledge using the diversity guidelines set to meet Illinois Pension Code. These goals shall be reviewed by the IMRF Board of Trustees annually.

IMRF recognizes the benefits that diversity offers in its investment portfolio, suppliers, and consultants. It values the enrichment from having a diverse employee base and diversity in its fiduciaries. The globalization of business, coupled with the rapidly changing demographics world-wide, continues to create opportunities for organizations that are willing to access untapped talent. IMRF seeks to be such an organization while striving to achieve it vision of providing the highest quality retirement services to its members, beneficiaries and employers.

#### Exhibit A

#### Callan Associates' Investment Manager Database of

#### Minority, Female and Persons with a Disability-Owned Investment Managers

#### as of September 30, 2015

1 Abaris Asset Management LLC.
2 Adelante Capital Management LLC
3 Advent Capital Management, LLC
4 Affinity Investment Advisors Inc.
5 Alethea Capital Management, LLC
6 Ambassador Capital Management
7 American Private Equity Group, LLC
8 Amerisrael Capital Management, LLC

9 Amero Global

10 Anchor Investment Partners LLC11 Apex Capital Management, Inc.12 Aqua Investment Management, LLC13 Aquila Infrastructure Management, Inc.

14 Arborist Capital, LLC

15 ARGA Investment Management, LP
16 Argus Investors' Counsel, Inc.
17 Ariel Investments, LLC
18 Artemis Real Estate Partners
19 Athena Global Investors LLC
20 Ativo Capital Management
21 Atlantic Asset Management, LLC
22 Attucks Asset Management, LLC
23 Avanath Capital Partners

25 Bilgili Holding

26 Bivium Capital Partners, LLC27 Black Knight Asset Management, LLC28 BlueCreek Investment Partners, LLC

24 Aventis Asset Management, LLC

28 BlueCreek Investment Partners, LLC
29 Boston Common Asset Management LLC
30 Bowling Portfolio Management, Inc.
31 Bretwood Capital Partners, LLC
32 Brightwood Capital Advisors, LLC
33 Broadstone Real Estate, LLC
34 Brown Capital Management, LLC
35 Buford Dickson Harper & Sparrow

37 Cameron Capital Management38 Campbell Newman Asset Management, Inc.

39 Canopy Investment Advisors40 Capital Commercial Investments

36 Cabrera Capital Partners, LLC

41 Capital Innovations, LLC

42 Capital Management Associates, LLC

42 Capital Management Associa
43 Capital Prospects LLC
44 Capital REIT Investments LLC
45 Capri/Capital Advisors
46 Cartica Management, LLC
47 Cascade Partners, LLC
48 Castile Ventures

49 Cauldron Investment Co., LLC

50 Centinela Capital

51 Cerner Capital Management52 Champion Capital Research, Inc.53 Chandler Asset Management, Inc.54 Channing Capital Management, LLC

55 Chess Capital Partners

56 Cheswold Lane Asset Management, LLC

57 ChrisKen Management

58 Cincinnati Asset Management, Inc.

59 Citizens Advisers

60 CityView

61 Claremont Investment Partners LLC

62 Clear Alternatives LLC

63 Collins Capital

64 Concerto Asset Management, LLC65 Concordius Capital Advisors LLC66 Conquest Strategies, LLC

67 Consilium Investment Management68 Contrarian Capital Management, L.L.C.69 Credo Capital Management, LLC

70 CT Mason Inc.

71 Cutler & Company LLC

72 Cutler Investment Counsel, LLC73 D.B. Fitzpatrick & Company, Inc.74 Daruma Capital Management, LLC

75 Dash Acquisitions LLC

76 Davis, Ross, McGee & McCauley Investment Advisors, LLC

77 Decatur Capital Management, Inc.

78 Denali Advisors LLC

79 Dermot Company, Inc. (The)
80 DG Capital Management, Inc.
81 Dinsmore Capital Management
82 Domini Social Investments, LLC
83 Drexel Hamilton Investment Partners
84 DTZ Investment & Asset Management

85 Eachwin Capital, LP86 Eagle Capital Management87 EARNEST Partners, LLC88 Edgar Lomax Company (The)89 EDIN Opportunity Fund, LLC

90 Effissimo Capital Management Pte Ltd

91 ElmTree Funds 92 Empiric Institutional 93 Emys Capital, LLC

94 ENDEX Capital Management, LLC

95 Ethika Investments

96 Fairbanks Investment Fund97 Fairpointe Capital LLC98 Fairview Capital

99 Falcon Bridge Capital, LLC100 Fan Asset Management

#### **Callan Associates' Investment Manager Database of**

#### Minority, Female and Persons with a Disability-Owned Investment Managers

#### as of September 30, 2015

101 FB Lake LLC	151 Lanin Partners SpA
	•
102 Fiduciary Management Associates 103 First Fiduciary Investment Counsel, Inc.	152 Lasair Capital LLC 153 Lauren Templeton Capital Management, LLC
•	
104 FIS Group, Inc.	154 LBJ Realty
105 Fisher Lynch Capital, LLC	155 Leading Edge Investment Advisors, LLC
106 Fortaleza Asset Management, Inc.	156 Lebenthal Asset Management, LLC
107 Garcia Hamilton & Associates	157 Lebenthal-Lisanti Capital Growth LLC
108 Gaw Capital Partners	158 Lee Financial Group
109 Gerding Edlen	159 Leeb Capital Management, Inc.
110 GIA Partners, LLC	160 Legato Capital Management LLC
111 GlobeFlex Capital, L.P.	161 Lesa Sroufe & Co., Inc.
112 Glovista Investments LLC	162 Lizard Investors LLC
113 Goode Investment Management, Inc.	163 LM Capital Group, LLC
114 Graham & Dodd Fund LLC (The)	164 Loja Group LLC
115 Greenfield Seitz Capital Management, LLC	165 Lombardia Capital Partners, LLC
116 GreenOak Real Estate Advisors LP	166 Long Wharf Real Estate Partners
117 Gries Financial LLC	167 Longfellow Investment Management Co.
118 Griffin Asset Management, Inc.	168 Longwell Company
119 Griffith Properties	169 Loop Capital Investment Management
120 GW Capital, Inc.	170 MacFarlane Partners
121 Hahn Capital Management	171 Mar Vista Investment Partners
122 Hanoverian Capital, LLC	172 Martin Investment Management, LLC
123 Hanseatic Management Services, Inc.	173 Matarin Capital Management, LLC
124 HCM Investors, Incorporated	174 Matterhorn Capital Management, LLC
125 Heard Capital LLC	175 MayfieldGentry Realty Advisors, LLC
126 Herndon Capital Management, LLC	176 MC Credit Partners LP
127 High Pointe Capital Management	177 MD Witter Investments, LLC
128 Hinoki Capital Management, LLC	178 Merlin Asset Management
129 Holland Capital Management	179 Metis Global Partners
130 Hollencrest Capital Management	180 Metropolitan Capital Strategies, LLC
131 Holt-Smith Advisors	181 Midway Capital Research & Management, LLC
132 Hoover Investment Management	182 Mission Creek Capital Partners, Inc.
133 Howland and Associates, LLC	183 Moonstone Asset Management, Inc.
134 HP Capital Venture, LLC	184 Mosser Capital Management, LLC
135 Hudson Realty Capital	185 Muller & Monroe Asset Management, LLC
136 Hughes Capital Management, Inc.	186 Native American Fund Advisors, LLC
137 Industry Capital	187 Natura Capital LLC
138 Inroads Capital Management, LLC	188 NCM Capital Management Group, Inc.
139 Intergeneration Capital Management	189 Neon Liberty Capital Management, LLC 190 Neosho Capital LLC
140 Ivory Investment Management, L.P.	•
141 John Hsu Capital Group, Inc.	191 New Amsterdam Partners LLC
142 Johnson's Global Advisors Corp.	192 New Century Advisors, LLC
143 Julex Capital Management, LLC	193 Newbrook Capital Advisors LP
144 K.M. Moore & Co., LLC	194 Newport Capital Partners
145 Kabouter Management, LLC	195 Nicholas Investment Partners
146 Kapstream Capital	196 Nichols Asset Management LLC
147 Keel Asset Management, LLC	197 Nile Capital Management, LLC
148 KJ Capital Management LLC	198 NorthShore Advisors LLC
149 Kohala Capital Partners, LLC	199 Oak Associates

200 Oak Street Real Estate Capital, LLC

150 KRA Capital Management, Inc.

#### Callan Associates' Investment Manager Database of

#### Minority, Female and Persons with a Disability-Owned Investment Managers

#### as of September 30, 2015

	201	OakBrook	Investments,	LLC
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- 202 Octagonal Capital Partners, LP
- 203 Opus Capital Management Inc.
- 204 Palisade Investment Partners Limited
- 205 Palisades Investment Partners, LLC
- 206 Paradigm Asset Management, LLC
- 207 Paradigm Capital Management, Inc.
- 208 Parkway Capital Investors II, L.P.
- 209 Parlan Financial Corporation
- 210 Pendo LLC
- 211 Pennybacker Capital, LLC
- 212 Perennial Capital Advisors, LLC
- 213 Phocas Financial Corp.
- 214 Piedmont Investment Advisors, LLC
- 215 Pillar Pacific Capital Management, LLC
- 216 Pluscios Management LLC
- 217 Prendergast Capital Management
- 218 Princeton Advisory Group, Inc.
- 219 Princeton Alternative Investments
- 220 Profit Investment Management
- 221 ProForza Advisors LLC
- 222 Progress Investment Management Company
- 223 Provident Group
- 224 Pugh Capital Management Inc.
- 225 QVT Mount Auburn Capital, LP
- 226 Ramirez Asset Management, LLC
- 227 Red Ivy Capital, LLC
- 228 Redwood Investments, LLC
- 229 Renaissance Capital
- 230 Robinson Value Management, Ltd.
- 231 Runde & Co. LLC
- 232 Runnymede Capital Management, Inc.
- 233 Salus Capital Management, Inc.
- 234 San Juan Asset Management Inc.
- 235 Seacrest Investment, LLC
- 236 Seedling Capital, LLC
- 237 Semper Capital Management, L.P.
- 238 Sera Capital Management, LLC
- 239 Silva Capital Management LLC
- 240 Sit Investment Associates, Inc.
- 241 Sky Investment Counsel
- 242 Smith, Graham & Co. Investment Advisors, L.P.
- 243 South Texas Money Management, Ltd.
- 244 SPARX Asset Management Co., Ltd.
- 245 Spence Asset Management Inc.
- 246 Sperry Capital Partners, LLC
- 247 StoneRidge Investment Partners, LLC
- 248 Strategic Development Investments, LLC
- 249 Strategic Global Advisors
- 250 Strategic Investment Partners LLC

- 251 Strategic Value Partners, LLC
- 252 Sutton Place Capital Management LLC
- 253 Swarthmore Group, Inc. (The)
- 254 Tanaka Capital Management Inc.
- 255 Trinity Street Asset Management
- 256 TZA Realty Advisors
- 257 Unimar Financial Services, LLC
- 258 United Investment Managers
- 259 UrbanAmerica Principals III, LLC
- 260 VICAR Capital Advisors
- 261 Vision Capital Management, Inc.
- 262 W3 Partners, LLC
- 263 Wada Capital Management, LLC
- 264 Washington Square Capital Management, LLC
- 265 Waypoint Asset Management LLC.
- 266 West Branch Capital, LLC
- 267 Westpeak Global Advisors
- 268 Williams Capital Management, LLC
- 269 Wolf Asset Management
- 270 Xavier Capital Management, LLC
- 271 Zeo Capital Advisors
- 272 Zevenbergen Capital Investments LLC
- 273 Zevin Asset Management

# Minority Investment Manager Utilization (In Compliance with Section 1-109.1 of the Illinois Pension Code)

The Illinois Municipal Retirement Fund is committed to providing opportunities for minority investment managers. A minority investment manager is defined as a qualified investment manager that manages an investment portfolio and meets the definition of "minority owned business", "female owned business", or "business owned by a person with a disability", as defined in the Business Enterprise for Minorities, Females, and Persons with Disabilities Act (MFPDOB). The Illinois Municipal Retirement Fund Board of Trustees has adopted the following minimum goals for the utilization of MFPDOB investment management firms.

# Goals for Utilization of MFPDOB Minority Investment Managers by Investment Manager Classification

Investment Manager Classification	Minimum Goal as a Percentage of Total Portfolio
Minority Owned Businesses	9% to 13%
Female Owned Businesses	2% to 6%
Businesses Owned by a Person with	0.5% to 1%
a Disability	

# $\frac{ \mbox{Goals for Utilization of MFPDOB Minority Investment Managers} }{ \mbox{by Asset Class} }$

Asset Class	Minimum Goal as a Percentage of Asset Class
Equities	10% to 12% of the asset class
Fixed Income	15% to 20% of the asset class
Alternatives	5% to 10% of the asset class

# Emerging Investment Manager Utilization (In Compliance with Section 1-109.1 of the Illinois Pension Code)

The Illinois Municipal Retirement Fund is committed to providing opportunities for emerging investment managers. An emerging investment manager is defined as a qualified investment advisor that manages an investment portfolio of at least \$10,000,000 but less than \$10,000,000,000 and is a "minority owned business", "female owned business" or "business owned by a person with a disability as defined in the Business Enterprise for Minorities, Females, and Persons with Disabilities Act (MFPDOB). The Illinois Municipal Retirement Fund Board of Trustees has adopted the following minimum goals for the utilization of MFPDOB emerging investment management firms.

# Goals for Utilization of MFPDOB Emerging Investment Managers by Investment Manager Classification

Emerging Investment Manager	Minimum Goal as a Percentage
Classification	of Total Portfolio
Minority Owned Businesses	9% to 13%
Female Owned Businesses	2% to 6%
Businesses Owned by a Person with	0.5% to 1%
a Disability	

#### Goals for Utilization of MFPDOB Emerging Investment Managers by Asset Class

Asset Class	Minimum Goal as a Percentage of Asset Class
Equities	10% to 12% of the asset class
Fixed Income	15% to 20% of the asset class
Alternatives	5% to 10% of the asset class

#### Exhibit D

### IMRF LIST OF MINORITY, FEMALE AND PERSONS WITH A DISABILITY-OWNED INVESTMENT MANAGERS

#### As of September 30, 2015

#### **Adi Capital Management LLC**

529 5th Avenue, 8th Floor New York, NY 10017

#### **Aperimus Partners LP**

4640 Admiralty Way, 5th Floor Marina Del Rey, CA 90292

#### **Ariel Investments**

200 East Randolph Drive, Suite 2900 Chicago, IL 60601

#### **Ascend Ventures**

1500 Broadway, 14th Floor New York, NY 10036

#### **Ativo Capital Management LLC**

120 North LaSalle Street, Suite 2150 Chicago, IL 60602

#### **ARGA Investment Management LP**

1010 Washington Blvd. Stamford, CT 06901

#### **AUA Private Equity Partners**

666 Fifth Avenue, 27th Floor New York, NY 10103

#### **Brown Capital Management**

1201 North Calvert Street Baltimore, MD 21202

#### **Castile Ventures**

930 Winter Street, Suite 500 Waltham, MA 02451-1449

#### **Channing Capital Management LLC**

10 South LaSalle Street, Suite 2650 Chicago, IL 60603

#### Clearlake Capital

233 Wilshire Boulevard, Suite 800 Santa Monica, CA 90401

### IMRF LIST OF MINORITY, FEMALE AND PERSONS WITH A DISABILITY-OWNED INVESTMENT MANAGERS

#### As of September 30, 2015

#### Columbus Hill Partners, LP

830 Morris Turnpike, 2nd Floor Short Hills, NJ, 07078

#### **Concerto Asset Management, LLC**

401 North Tryon Street, 10th Floor Charlotte, NC 28202

#### **DBL Investors**

One Montgomery Street, Suite 2375 San Francisco, CA 94104

#### **Estancia Capital Management LLC**

20865 N. 90th Place, Suite 200 Scottsdale, AZ 85255

#### **Elizabeth Park Capital Management**

29525 Chagrin Blvd, Suite 318 Pepper Pike, OH 44122

#### **EARNEST Partners LLC**

1180 Peachtree Street, Suite 2300 Atlanta, GA 30309

#### **Garcia Hamilton & Associates LP**

Five Houston Center, 1401 McKinney, Suite 1600 Houston, TX 77010

#### **GIA Partners, LLC**

12 East 49th Street 33rd Floor New York, NY, United States, 10017

#### **GlobeFlex Capital**

4365 Executive Drive, Suite 720 San Diego, CA 92121

#### Glovista Investments, LLC

One Evertrust Plaza, 11th Floor Jersey City, NJ 07302

#### **Green Oak**

399 Park Avenue, 22nd Floor New York, NY 10022

### IMRF LIST OF MINORITY, FEMALE AND PERSONS WITH A DISABILITY-OWNED INVESTMENT MANAGERS

#### As of September 30, 2015

#### **Guard Macro US Feeder Fund**

17/F Guangdon Investment Tower 148 Connaught Road Central Hong Kong

#### Hispania

311 South Wacker Drive, Suite 4200 Chicago, IL 60606

#### **Holland Capital Management**

303 West Madison, Suite 700 Chicago, IL 60606

#### **Hudson Realty Capital**

250 Park Avenue South, 3rd Floor New York, NY 10003

#### **ICV Capital Partners**

299 Park Avenue, 34th Floor New York, NY 10171

#### **LM Capital Group**

750 B Street, Suite 3010 San Diego, CA 92101

#### **Kabouter Management**

401 North Michigan Avenue, Suite 2510 Chicago, IL 60611

#### **Khosla Ventures**

2128 Sand Hill Road Menlo Park, CA 94025

#### **Lombardia Capital Partners LLC**

55 South Lake Avenue, Suite 750 Pasadena, CA 91101

#### **Longfellow Investment Management Co.**

20 Winthrop Square Boston, MA 02110

#### Long Wharf

One Federal Street, 26th Floor Boston, MA 02110

### IMRF LIST OF MINORITY, FEMALE AND PERSONS WITH A DISABILITY-OWNED INVESTMENT MANAGERS

#### As of September 30, 2015

#### **Metis Global Partners**

11988 El Camino Real, Suite 550 San Diego, CA 92130

#### **Mayfield Fund**

2800 Sand Hill Road, Suite 250 Menlo Park, CA 94025

#### Miura Global Management

780 T101 Park Avenue, 21st Floor New York, NY 10178

#### **Muller & Monroe Asset Management**

180 N. Stetson Avenue, Suite 1320 Chicago, IL 60601

#### Naya Management LLP

54 Baker Street, 2nd Floor London, W1U 7BU United Kingdom

#### **New Century Advisors LLC**

2 Wisconsin Circle, Suite 940 Chevy Chase, MD 20815

#### **Newport Capital Partners**

5215 Old Orchard Road, Suite 970 Skokie, IL 60077

#### **New Mainstream Capital**

77 Water Street, Suite 5601 New York, NY 100005

#### **Noble Hospitality**

3424 Peachtree Road, NE Atlanta, GA 30326

#### **Nogales Investors**

9229 W. Sunset Boulevard, Suite 900 Los Angeles, CA 90069

#### Oak HC/FT Partners

3 Pickwick Plaza Greenwich, CT 06830

### IMRF LIST OF MINORITY, FEMALE AND PERSONS WITH A DISABILITY-OWNED INVESTMENT MANAGERS

#### As of September 30, 2015

#### **Oak Street Real Estate Capital**

125 South Wacker Drive, Suite 1220 Chicago, IL 60606

#### **Piedmont Investment Advisors LLC**

300 West Morgan Street, Suite 1200 Durham, NC 27701

#### **Progress Investment Management**

33 New Montgomery Street, 19th floor San Francisco, CA 94105

#### **Pugh Capital Management Inc**

520 Pike Street, Suite 2900 Seattle, WA 98144

#### **Ramirez Asset Management**

61 Broadway, Suite 2924 New York, NY 10006

#### **RLJ Equity Partners**

3 Bethesda Metro Center, Suite 1000 Bethesda, MD 20814

#### **Roystone Capital Capital Management LP**

767 Third Avenue, 6th Floor New York, NY 10017

#### **Smith Whiley & Company**

242 Trumbull Street, 8th Floor Hartford, CT 06103

#### **Sentinel Dome Partners**

3 Embarcadero Center, Suite 1680 San Francisco, CA 94111

#### **Storm Ventures**

3000 Sand Hill Road, Bldg 4, Suite 210 Menlo Park, CA 94025

#### **Strategic Global Advisors**

100 Bayview Circle, Suite 650 Newport Beach, CA 92660

### IMRF LIST OF MINORITY, FEMALE AND PERSONS WITH A DISABILITY-OWNED INVESTMENT MANAGERS

#### As of September 30, 2015

#### **Syncom Venture Partners**

8515 Georgia Avenue, Suite 725 Silver Spring, MD 20910

#### **Valor Equity Partners**

875 North Michigan Ave, Suite 3214 Chicago, IL 60611

#### **Vista Equity Partners**

401 Congress Avenue, Suite 3100 Austin, TX 78701

#### Vision Capital Management, Inc.

One Southwest Columbia Street, Suite 915 Portland, OR 97258-2010

#### Vistria Group

300 E. Randolph, Suite 4030 Chicago, IL 60601

#### **Vivo Ventures**

575 High Street, Suite 201 Palo Alto, CA 94301

#### Minority Broker/Dealer Utilization

The firms that are to act as a securities broker-dealer with respect to the purchase and sale of assets for the Fund shall be selected by the investment manager in its sole discretion. The investment manager or any entity controlled by or controlling it, or affiliated with it, shall not act as a securities broker-dealer with respect to purchases and sales of assets allocated to the investment manager unless the Board specifically approves such action.

In the selection of broker-dealers with whom to place orders for the purchase or sale of securities for the Fund, the primary objective of the investment manager shall be to obtain the most favorable results for the Fund. The investment manager's selection of broker-dealers may take into account such relevant factors as (1) price and/or commission; (2) the broker-dealer's facilities, reliability and financial responsibility; (3) the ability of the broker-dealer to effect securities transactions, particularly with respect to such aspects as timing, order size, execution of orders and the ability to complete a transaction through clearance, settlement and delivery; and (4) the research and other services provided by such broker-dealer to the investment manager which are expected to enhance general portfolio management capabilities, notwithstanding the fact that the Fund may not be the direct or exclusive beneficiary of such services. The investment manager's selection of such broker-dealers shall be in accordance with Article I of the Illinois Pension Code (40 ILCS 5/1-101 et seq.), the Investment Advisors Act of 1940 and any other applicable securities laws, rules and regulations.

#### Minority Broker/Dealer Utilization Goal

The Illinois Municipal Retirement Fund is committed to providing opportunities for minority owned and female owned broker/dealers and broker/dealers owned by a person with a disability (MFPDOB). The Illinois Municipal Retirement Fund Board of Trustees has adopted a policy which sets forth goals for increasing the utilization of MFPDOB broker/dealers.

The minimum expectations for the utilization of MFPDOB broker/dealers are based on commission dollars. Investment managers of separately managed investment portfolios, in the following asset classes, must meet the minimum goals:

Asset Class	2015 Minimum goal
U.S. Equities	25%
International Equities	20%
Fixed Income *	22%
High-Yield Bonds	5%
U.S. Micro-Cap Equities	7%
International Small-Cap Equities	5%
Emerging Market Equities	5%

<sup>\*</sup> Excludes emerging market debt, bank loans and opportunistic strategies.

Investment managers are prohibited from using indirect methods such as step-outs to achieve these goals.

Investment managers of pooled/commingled investment portfolios are directed to use their best efforts to execute trades with MFPDOB broker/dealers.

All investment managers executing brokerage on behalf of the Illinois Municipal Retirement Fund are directed to meet these minimum goals in their specific portfolios and shall report monthly on their utilization of MFPDOB broker/dealers. Any investment manager failing to meet the minimum goal during the reporting month must provide a written explanation disclosing the reasons for not meeting the goal.

Staff will report to the Board of Trustees annually on the utilization of MFPDOB broker/dealers. Investment managers not meeting the MFPDOB broker/dealer utilization goal will be identified in the report. An investment manager's ability to meet an MFPDOB brokerage goal is an integral part of the manager monitoring process.

#### Exhibit F

# MINORITY, FEMALE AND PERSONS WITH A DISABILITY-OWNED BUSINESS ENTERPRISES BROKERAGE COMMISSIONS PAID

#### October 1, 2014 - September 30, 2015

Academy Securities Inc. 550 W Van Buren, Suite 1410 Chicago, Il 60607	\$ 15,718
Alamo Capital 1777 Botelho Dr., Ste 375 Walnut Creek,CA 94596-5041	\$ 26,542
Andes Capital 205 W. Wacker Drive, Suite 1804 Chicago, IL 60606	\$ 1,716
Blaylock Robert Van, LLC 208 S. LaSalle Street, Suite 1331 Chicago, IL 60604	\$ 137,605
BOE Securities 440 South LaSalle Street, 4th Floor Chicago, IL 60605	\$ 22,122
Cabrera Capital Markets 10 South LaSalle Street, Suite 1050 Chicago, IL 60603	\$ 318,710
Capital Institutional Services 1601 Elm Street, Suite 3900 Dallas, TX 75201	\$ 5,936
CastleOak Securities 111 East 58th Street, 6th Floor New York, NY 10022	\$ 1,052,265
Cheevers & Co 440 South LaSalle Street, Suite 415 Chicago, IL 60605	\$ 405,687
CL King & Associates One Liberty Square, 5th Floor Boston, MA 02109	\$ 193,851

<b>Divine Capital Markets</b> 39 Broadway, 36th Floor New York, NY 10006	\$ 1,191
Drexel Hamilton 2000 Market Street, Suite 780 Philadelphia, PA 19103	\$ 251,609
Falcon Squre Capital 4000 Westchase Blvd Raleigh, NC 27607	\$ 39,461
FIG Partners 1175 Peachtree Street, NE 100, Suite 2250 Atlanta, GA 30361	\$ 3,069
Great Pacific Securities 151 Kalmus Drive Costa Mesa, CA 92626	\$ 26,340
Guzman & Company 101 Aragon Avenue Coral Gables, FL 33134	\$ 9,230
Indiana Merchant Bank 11555 North Meridian Street, Suite 400 Carmel, IN 46032	\$ 2,841
Loop Capital Markets 200 West Jackson Blvd., Suite 1600 Chicago, IL 60606	\$ 1,167,791
M. Ramsey King Securities, Inc 93 Tomlin Circle Burr Ridge, IL 60527	\$ 353,549
MFR Securities 675 Third Avenue, 11th Floor New York, NY 10017	\$ 44,404
Mischler Financial Group 1101 Bayside Drive, Suite 201 Corona del Mar, CA 92625	\$ 147,274

Montrose Securities 44 Montgomery Street, Suite 3050 San Francisco, CA 94104	\$ 77,091
North South Capital 200 W. Adams Street, Suite 2230 Chicago, IL 60606	\$ 229,270
Penserra Securities LLC 20 Broad Street, Suite 2602 New York, NY 10005	\$ 112,425
Sturdivant & Co Plaza 1000 at Main St., Suite 200 Voorhees, NJ 08043	\$ 72,675
<b>Telsey Advisory Group</b> 535 Fifth Avenue, 12th Floor New York, NY 10017	\$ 34,843
Thomas Reynolds 45 Broadway, 31st Floor New York, NY 10006	\$ 51,314
Topeka Capital Markets 40 Wall Street New York, NY 10005	\$ 89,381
Toussaint Capital Partners 110 Wall Street, 11th Floor New York, NY 10005	\$ 3,798
Vandham Securities 50 Tice Blvd. Woodcliff Lake, NJ 07677	\$ 90,929
Williams Capital Group, LP 650 Fifth Avenue, 11th floor New York, NY 10019	\$ 222,442
TOTAL COMMISSIONS PAID	\$ 5,211,077

#### Exhibit G

# POLICY REGARDING RACIAL, ETHNIC, AND GENDER DIVERSITY OF FIDUCIARIES, INCLUDING CONSULTANTS AND SENIOR STAFF

#### **Purpose**

This policy defines IMRF's goals for diversity in its senior staff and fiduciaries.

#### Philosophy

The Illinois Municipal Retirement Fund is committed to diversity in all hiring, employment, and contracting decisions and to providing opportunities for minorities, women and persons with a disability to have a meaningful role at IMRF.

#### **Board of Trustees**

IMRF's goal is to achieve diversity through the current Board election process. Trustees are elected by employers, members, and annuitants. No trustees are appointed or hold office exofficio. The Board of Trustees encourages individuals who qualify as minority to run for the Board of Trustees. In addition, stakeholder groups representing IMRF members and employers are encouraged to seek out qualified minorities to support in all elections for the IMRF Board of Trustees.

#### **Senior Staff**

IMRF's goal is that staff diversity levels mirror the external recruiting area. Senior staff consists of directors, managers, supervisors, and team leaders.

IMRF defines its external recruiting area as six northeast Illinois counties – Cook, DuPage, Kane, Lake, McHenry and Will. The population for comparison is taken from the US Census 2000 "total civilian labor force."

As of the 2000 US Census, the recruiting area is 47% female; 43% minority; and 66% female and minority.

IMRF considers its existing employee population as the primary recruiting base for senior staff positions. By having a diverse staff at all levels of the organization, the Fund offers internal promotion opportunities to reflect diversity on its senior staff.

IMRF has an internal job posting program which requires all open positions to be posted without exception. By providing a variety of training and development programs, all staff members have the opportunity to gain the required education and skills to apply for senior staff openings.

The programs include a tuition reimbursement program, available upon hire; and a Succession Plan Program, with a separate tuition reimbursement program and training program.

All staff involved in hiring and employment processes, including Human Resources, must perform their roles with highest integrity as required by IMRF's Code of Conduct and Business Ethics policies.

The IMRF Employee Handbook states the following:

IMRF does not tolerate discrimination towards applicants, employees, visitors, or vendors, on the basis of gender, race, color, religion, family status, military and veteran status, disability, sexual orientation, national origin, age, or political beliefs.

Even though IMRF is not subject to annual filing requirements of the Equal Employment Opportunity Commission (EEOC), we will annually complete an "EEO-1 form" to monitor the racial, ethnic and gender diversity of the entire staff.

#### Other Fiduciaries

In addition to the Board of Trustees and IMRF staff, other third party consultants act as fiduciaries to the Fund. When searching for consultants, IMRF is committed to diversity in hiring such firms. IMRF will also work to ensure that majority firms acting as fiduciaries hire and promote minorities into top management and ownership positions. IMRF will obtain EEO-1 forms from the consultants to monitor the racial, ethnic and gender diversity of their staff and owners

#### **Diversity Procurement Policy**

The purpose of this policy is to establish a framework for the utilization of businesses owned by minorities, females, and persons with a disability (collectively known as MFPDOB firms) in the procurement activities of the Illinois Municipal Retirement Fund (IMRF).

The goal of the policy is to promote utilization of businesses owned by minorities, females, and persons with a disability in procurement activities.

The objectives of the policy are to:

- Increase competition through a diverse source of suppliers and consultants
- Maintain and strengthen the overall competitiveness of IMRF procurements
- Assure compliance with Illinois Public Act 96-0006

#### **Policy**

The IMRF Purchasing Unit strives to insure that members, employers, and taxpayers receive the maximum value for each dollar spent by purchasing products and services from responsive suppliers and consultants at the lowest reasonable cost. The Purchasing Unit manages the bidding process to insure compliance with policies. IMRF is committed to ensuring fair consideration of all suppliers and consultants in its day-to-day purchase of goods and services. IMRF recognizes that working with a wide range of suppliers and consultants provides an open, competitive and diverse business environment.

It is the policy of the IMRF Board of Trustees to include qualified minority and female owned business enterprises and businesses owned by a person with a disability in the Fund's procurement process and to objectively evaluate all qualified businesses regardless of race, gender or handicap.

IMRF is committed to including firms among prospective providers of purchased goods and services. Special efforts will be made to insure identification of eligible firms for inclusion in the bid process, including monitoring of MFPDOB -related listings to identify possible MFPDOB contractors and service providers. It is IMRF's policy to take affirmative action to ensure that certified minority-owned, female-owned and disabled-owned business enterprises are given the opportunity to demonstrate their ability to provide the Fund with products and services at competitive prices.

We will ask our vendors to refrain from unlawful discrimination and discrimination based on citizenship status in employment and to undertake affirmative action to assure equality of employment opportunity and compliance with the Department of Human Rights' regulations concerning equal employment opportunities and affirmative action.

MFPDOB firms will be identified using resources such as the City of Chicago Certification and Compliance System MFPDOB Directory and other public agency resources. All new suppliers and consultants seeking to do business with IMRF will be asked to complete a form to certify the diversity of their business. Ownership of suppliers and consultants will be tracked by the Purchasing Unit. IMRF staff will seek and encourage MFPDOB businesses to submit bids each time IMRF publishes a request for bids or proposals.

IMRF has set a minimum goal of 18% for contracts and purchases from businesses owned by minorities, females, and persons with a disablity as a share of all of its contracts and purchases. These goals are based on the percentage of total dollar amount of all purchasing contracts let, excluding payments such as postage, rent (utitilies), insurance premiums, and single-source technology solutions.

IMRF typically awards bids to the lowest cost vendor. However to meet the goals set for this diversity policy bids may be awarded to a vendor other than the low bidder, if it is a MFPDOB vendor and its bid is within 10% or \$10,000 (whichever is lower) of the low bid.

The Purchasing Unit will track the usage of MFPDOB businesses in order to meet the goal and review and analyze it each year. The goal may be modified by IMRF to further increase the usage of MFPDOB businesses as IMRF gains experience and knowledge using the diversity guidelines set to meet Public Act 96-0006. These goals shall be reviewed by the IMRF Board of Trustees annually.

#### **Definitions**

- (1) "Minority person" shall mean a person who is a citizen or lawful permanent resident of the United States and who is:
  - (a) African American (a person having origins in any of the black racial groups in Africa);
  - (b) Hispanic (a person of Spanish or Portuguese culture with origins in Mexico, South or Central America, or the Caribbean Islands, regardless of race);
  - (c) Asian American (a person having origins in any of the original peoples of the Far East, Southeast Asia, the Indian Subcontinent or the Pacific Islands); or
  - (d) Native American or Alaskan Native (a person having origins in any of the original peoples of North America).

- (2) "Female" shall mean a person who is a citizen or lawful permanent resident of the United States and who is of the female gender.
- (2.05) "Person with a disability" means a person who is a citizen or lawful resident of the United States and is a person qualifying as being disabled under subdivision (2.1) of this subsection (A).
- (2.1) "Disabled" means a severe physical or mental disability that:
  - (a) results from: amputation, arthritis, autism, blindness, burn injury, cancer, cerebral palsy, Crohn's disease, cystic fibrosis, deafness, head injury, heart disease, hemiplegia, hemophilia, respiratory or pulmonary dysfunction, mental retardation, mental illness, multiple sclerosis, muscular dystrophy, musculoskeletal disorders, neurological disorders, including stroke and epilepsy, paraplegia, quadriplegia and other spinal cord conditions, sickle cell anemia, ulcerative colitis, specific learning disabilities, or end stage renal failure disease; and
  - (b) substantially limits one or more of the person's major life activities. Another disability or combination of disabilities may also be considered as a severe disability for the purposes of item (a) of this subdivision (2.1) if it is determined by an evaluation of rehabilitation potential to cause a comparable degree of substantial functional limitation similar to the specific list of disabilities listed in item (a) of this subdivision (2.1).
  - (3) "Minority owned business" means a business concern which is at least 51% owned by one or more minority persons, or in the case of a corporation, at least 51% of the stock in which is owned by one or more minority persons; and the management and daily business operations of which are controlled by one or more of the minority individuals who own it.
  - (4) "Female owned business" means a business concern which is at least 51% owned by one or more females, or, in the case of a corporation, at least 51% of the stock in which is owned by one or more females; and the management and daily business operations of which are controlled by one or more of the females who own it.
  - (4.1) "Business owned by a person with a disability" means a business concern that is at least 51% owned by one or more persons with a disability and the management and daily business operations of which are controlled by one or more of the persons with disabilities who own it. A not-for-profit agency for persons with disabilities that is exempt from taxation under Section 501 of the Internal Revenue Code of 1986 is also considered a "business owned by a person with a disability".

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(9) "Control" means the exclusive or ultimate and sole control of the business including, but not limited to, capital investment and all other financial matters, property, acquisitions,

contract negotiations, legal matters, officer-director-employee selection and comprehensive hiring, operating responsibilities, cost-control matters, income and dividend matters, financial transactions and rights of other shareholders or joint partners. Control shall be real, substantial and continuing, not pro forma. Control shall include the power to direct or cause the direction of the management and policies of the business and to make the day-to-day as well as major decisions in matters of policy, management and operations. Control shall be exemplified by possessing the requisite knowledge and expertise to run the particular business and control shall not include simple majority or absentee ownership.

- (10) "Business concern or business" means a business that has average annual gross sales over the three most recent calendar years of less than \$31,400,000 as evidenced by the federal income tax return of the business. A firm with gross sales in excess of this cap may apply to the Business Enterprise Council for Minorities, Females, and Persons with Disabilities for certification for a particular contract if the firm can demonstrate that the contract would have significant impact on businesses owned by minorities, females, or persons with disabilities as suppliers or subcontractors or in employment of minorities, females, or persons with disabilities.
- (B) When a business concern is owned at least 51% by any combination of minority persons, females, or persons with disabilities, even though none of the three classes alone holds at least a 51% interest, the ownership requirement for purposes of this Act is considered to be met. The certification category for the business is that of the class holding the largest ownership interest in the business. If 2 or more classes have equal ownership interests, the certification category shall be determined by the Department of Central Management Services.