

# manager scorecards

	L///CERA Los Angeles County Employees Retirement Association				erformance	C	Organization & Operations		ESG	F	Partnership	Fees & Terms	
	PUBLIC MARKETS MANAGE				1 to 5 (with 5 the best)		S+, S, or S- (with S+ the best)	(wi	1 to 5 th 5 the best)	A, B, or C (with A the best)			1 to 5 (with 5 the best)
	1st Quarter 2022				score.		score		scont		scone		sco <sup>Rt</sup>
	Manager	Market Value (in \$ millions)	% of Total Fund		Risk-Adjusted Return	ER							
	GLOBAL EQUITY												
	ACADIAN DEVELOPED MARKETS	632.2	0.8%		5		S		3		В		3
	BTC EURO TILTS	559.6	0.7%		5		S+		4		В		3
	CAPITAL GROUP DEVELOPED MARKETS	414.3	0.6%		4		S		2		В		3
	CEVIAN CAPITAL II - ACTIVIST	392.6	0.5%		1		S		4		В		1
	CORNERCAP US SC - EMP	85.7	0.1%		4		S-		1		Α		3
<u>ج</u>	FRONTIER US SMID GROWTH	298.0	0.4%		4		S		2		В		1
GROWTH	GENESIS EMERGING MARKETS	556.6	0.7%		1		S		3		Α		1
õ	GLOBAL ALPHA IE SC - EMP	188.6	0.3%		3	Ō	S+		3		Α		3
5	JANA JSI FUND V - ACTIVIST	123.4	0.2%		2	Ŏ	S-		2		Α		1
	JPMAM STRATEGIC BETA NON-U.S.	617.9	0.8%	*	3	ŏ	s		2		в		3
	JPMAM STRATEGIC BETA U.S.	4,643.0	6.2%	*	3	ŏ	S		2		в		3
	LAZARD EMERGING MARKETS	412.8	0.5%		2		S		3		в		3
	SSGA MSCI ACWI IMI	15,518.3	20.6%	*	3	ŏ	s		_		В		5
	SYMPHONY FINANCIAL - ACTIVIST	237.2	0.3%		4		s		2		A		3
	SYSTEMATIC US SMALL CAP VALUE	196.6	0.3%		3		S-		2		A		3
					-								
	HIGH YIELD												
	BEACH POINT	304.3	0.4%		5		S		3		В		1
	BRIGADE CAP MGMT	696.4	0.9%		4		S		2		В		3
	PINEBRIDGE INVESTMENTS	483.7	0.6%	*	3	$\bigcirc$	S		4		В		3
E	BANK LOANS												
CREDIT	BAIN CAPITAL CREDIT	421.3	0.6%		3	0	S		2		В		1
ຮ	CREDIT SUISSE BANK LOANS	1,157.9	1.5%	*	3	Õ	S		+		В		5
	CRESCENT CAPITAL	516.7	0.7%		4	Ŏ	s		2		В		1
	EMERGING MARKET DEBT												
	ABERDEEN ASSET MANAGEMENT	400.6	0.5%		1		S		3		в		3
	ASHMORE INVESTMENT MANAGEMENT	376.5	0.5%		1		s		3		B		3
		57015	0.570		-		,	1	-		-		
	NATURAL RESOURCES & COMMODITIES												
S	CREDIT SUISSE COMMODITY	579.8	0.8%		4		S-		3		А		3
៵៲៲	DWS NATURAL RESOURCES	1,454.8	1.9%	*	3	Õ	S+		2.4		Α		5
2 🔂	NEUBERGER BERMAN/GRESHAM	562.1	0.7%		2	õ	S		3		A		1
H H	PIMCO COMMODITY PLUS	569.0	0.8%		4	ŏ	S-		3		c		1
INFLATION HEDGES	INFRASTRUCTURE												
44	DWS INFRASTRUCTURE	2,741.9	3.6%	*	3		S+		2.4		А		5
L I		2,/41.3	5.0%		5		Jт		2.4		A		5
		2 050 2	2 70/	*	2		ſ		2.2		8		r.
	BLACKROCK TIPS	2,059.3	2.7%	, r	3		S		3.2		В		5

	L///CERA	P	erformance		Organization & Operations	ESG		Partnership		Fees & Terms		
	Los Angeles County Employees Retirement Association PUBLIC MARKETS MANAGER SCORECARD				1 to 5 (with 5 the best)		S+, S, or S- (with S+ the best)	1 to 5 (with 5 the best)		A, B, or C (with A the best)		1 to 5 (with 5 the best)
	1st Quarter 2022				5CORE		SCORE.	score.		SCORE		SCORE
	Manager	Market Value (in \$ millions)			Risk-Adjusted Return	ER						
ಹ	INVESTMENT GRADE BONDS											
NON	BTC US DEBT INDEX FUND	5,549.5	7.4%		4	0	S+	_		В		5
	PUGH CAPITAL MGMT	1,110.2	1.5%		2	$\bigcirc$	S	1		Α		3
RISK REDUCTION { MITIGATION	WELLS CAPITAL	1,976.8	2.6%		5		S	3		В		5
Υ Μ	CASH											
RIS	SSGA CASH	656.0	0.9%	*	3	$\bigcirc$	S+			Α		5

Exceeds 3-Year Net Excess Return

Meets 3-Year Net Excess Return

Below 3-Year Net Excess Return

## Footnotes

Pillar methodologies in refinement and may evolve over time

## Category Descriptions

# Performance

- Quarterly score based on Sharpe and Information Ratios, which provide insight into a manager's risk-adjusted performance and performance relative to its benchmark, respectively
- '\*' denotes a manager with an inception date of less than 3 years, resulting in a neutral score of 3
- Circle icons reflect trailing 3-year net excess returns against the manager's benchmark above or below a specified range

# **Organization & Operations**

- Includes factors such as organization, professional staff, diversity & inclusion, investment philosophy & process, risk management, legal & compliance framework
- 'S' stands for Satisfactory

# ESG

- Evaluates the extent to which material ESG factors are identified, assessed, and incorporated into risk/return analysis and portfolio construction
- '--' denotes passive index funds and cash where ESG scores are not relevant and/or reflect strategies that do not incorporate active decisions, including ESG considerations, in portfolio construction
- '+' denotes mandates where ESG scores are currently under review

## Partnership

- Blended score based on:
- Value added services e.g., providing education, distributing research, and performing analytics on portfolio
- Client service e.g., responsiveness, timeliness, competency, and approach
- · Size of LACERA's investment relative to the firm's assets under management

#### Fees & Terms

· Compared to a benchmark of median fees by asset category and/or investment structure

L///CERA Los Angeles County Employees Retirement Association			P	erformance		rganization &		ESG		Partnership	Fees &		
				errormanee		Operations		200		rarenersmp		Terms	
PRIVATE MARKETS MANAGER SCORECARD			1 to 5 (with 5 the best)		S+, S, or S- (with S+ the best)	1 to 5 (with 5 the best)		A, B, or C (with A the best)		1 to 5 (with 5 the best)			
1st Quarter 2022			/	score	/	scont		SCORE.		SCORE.		5CORE	
Manager	Market Value (in \$ millions)	% of Total Fund		7		-		7		7		5	
GLOBAL/LARGE BUYOUT													
Advent International Group	155.0	0.2%		*		S+		3		с		4	
Blackstone Management	271.1	0.4%		1		S-		4		c		5	
CVC Capital Partners	522.2	0.7%		5		S		4		A		4	
Green Equity Investors	371.5	0.5%		4		S+		3		В		4	
Hellman & Friedman	453.8	0.6%		2		S+		3		В		4	
МВК	313.3	0.4%		1		S		4		А		2	
Silver Lake Partners	607.3	0.8%		5		S+		3		В		5	
Thoma Bravo LLC	125.1	0.2%		*		S+		3		В		3	
Vista Equity Partners	927.8	1.2%		3		S-		3		А		2	
MID-MARKET BUYOUT													
Accel-KKR Capital Partners	104.1	0.1%		*		S+		4		А		3	
BlackFin Capital Partners	20.2	0.0%		*		S		3		В		3	
Carlyle Group	313.1	0.4%		3		S+		4		В		4	
Clearlake Capital	465.8	0.6%		5		S+		4		Α		4	
GHO Capital	17.5	0.0%		*		S		3		В		3	
Gilde Partners	95.8	0.1%		5		S		2		с		5	
Harvest Partners	115.4	0.2%		4		s		1		с		3	
Marlin Equity	30.5	0.0%		2		S-		2		с		3	
Novacap	0.0	0.0%		*		s		3		В		3	
Onex Partners	302.3	0.4%		2		s		4		Α		5	
PAI	122.9	0.2%		*		S-		2		В		4	
Revelstoke	0.0	0.0%		*		s		4		Α		2	
Riverside Capital	101.8	0.1%		1		s		3		с		3	
Siris Capital Group	135.4	0.2%		2		s		3		Α		4	
Sterling Partners	97.1	0.1%		4		S		3		А		4	
STG Partners	25.9	0.0%		*		S		3		А		3	
Triton	122.2	0.2%		*		S-		3		c		5	
TSG	0.0	0.0%		*		S+		3		c		2	
Veritas Capital	9.7	0.0%		*		S+		3		A		3	
Vinci Partners	38.1	0.1%		*		S		4		В		5	
Webster Equity Partners	38.4	0.1%		*		s		3		В		3	
Wynnchurch Capital	26.3	0.0%		*		S+		3		с		3	
SMALL BUYOUT													
AE Industrial Partners	112.2	0.1%		*		S+		3		А		3	
Atlantic Street Capital	57.4	0.1%		*		S		3		A		3	
Clarion	11.1	0.0%		*		S+		2		В		4	
Excellere Partners	90.7	0.1%		5		S-		3		Ā		3	
Incline Equity Partners	30.8	0.0%		5		S-		2		c		4	
Insignia Capital Partners	165.1	0.2%		3		s		1		В		5	
Juggernaut Capital Partners	281.7	0.2%		3		s		3		A		4	
Lightyear Capital	235.8	0.3%		4		S-		2		Â		5	
Livingbridge	53.7	0.3%		1		5- S+		4		Â		3	
Monteflore Investment	10.7	0.1%		*		S+ S+		4		В		4	
One Rock Capital Partners	148.4	0.0%		2		S S		3		A		4	
Palladium Equity Partners	93.9	0.2%		1		5 S-		4		c		2	

L/, CERA			Performance	Organization & Operations	ESG	Partnership	Fees & Terms
Los Angeles County Employees Retirement Association PRIVATE MARKETS MANAGER SCORECARD			1 to 5 (with 5 the best)	S+, S, or S- (with S+ the best)	1 to 5 (with 5 the best)	A, B, or C (with A the best)	1 to 5 (with 5 the best)
1st Quarter 2022			SCORE	5 <sup>CORE</sup>	scoffe	5CORE	SCORE.
Manager	Market Value (in \$ millions)	% of Total Fund					
GROWTH EQUITY							
Australis Partners	99.7	0.1%	1	S-	4	В	5
Great Hill Partners	0.0	0.0%	*	s	4	А	4
JMI Equity	3.5	0.0%	2	S	3	С	2
RedBird Capital Partners	178.7	0.2%	*	S	4	А	3
Summit Partners	82.5	0.1%	4	S+	4	А	4
TA Associates	117.6	0.2%	*	S+	4	В	4
Technology Crossover Ventures	9.0	0.0%	5	s	2	В	3
VENTURE CAPITAL							
BlueRun Ventures	100.7	0.1%	1	S	2	Α	2
Canaan Partners	148.0	0.2%	5	S+	3	А	4
GGV Capital	695.5	0.9%	3	S	3	Α	3
Institutional Venture Partners	253.1	0.3%	3	S	1	С	5
Joy Capital	73.6	0.1%	*	S-	2	В	4
Lilly Asia Ventures	170.5	0.2%	2	S	4	В	2
Sinovation Ventures	93.3	0.1%	1	S-	2	С	2
Storm Ventures LLC	259.7	0.3%	4	s	3	А	4
Union Square	225.4	0.3%	5	S-	1	В	5
SPECIAL SITUATIONS							
Alchemy Partners	33.3	0.0%	*	S	3	В	4
Black Diamond	128.5	0.2%	1	S	3	С	4
Centerbridge	127.1	0.2%	5	s	4	А	2
FUND OF FUNDS							
Gateway	885.3	1.2%	5	S	3	В	4
MS GTB Capital Partners	300.4	0.4%	1	S	4	А	2
J.P. Morgan	483.3	0.6%	3	S+	+	В	4

L//.CERA			Per	formance		ganization & Operations		ESG		Partnership	Fees & Terms		
Los Angeles County Employees Retirement Association PRIVATE MARKETS MANAGER SCORECARD		(wi	1 to 5 th 5 the best)	(	S+, S, or S- with S+ the best)	(	1 to 5 with 5 the best)	A, B, or C (with A the best)		1 to 5 (with 5 the best)			
1st Quarter 2022			SCORE		SCORE		5CORE		5CONE		/	SCORE.	
Manager	Market Value (in \$ millions)	% of Total Fund											
COMMINGLED FUNDS													
AERMONT Real Estate Fund IV	29.0	0.0%		*		S		4		В		3	
AEW Value Investors Asia III	51.0	0.1%		3		S		4		В		4	
AG Asia Realty Fund IV	68.0	0.1%		*		S		2		В		3	
AG Europe Realty Fund II	56.0	0.1%		4		S		2		В		3	
Bain Capital Real Estate Fund I	83.0	0.1%		5		S		3		В		3	
Bain Capital Real Estate Fund II	23.0	0.0%		*		S		3		В		3	
CapMan Nordic Real Estate Fund II	61.0	0.1%		4		S		3		Α		3	
CapMan Nordic Real Estate Fund III	16.0	0.0%		*		S		3		Α		3	
Capri Urban Investors	1.0	0.0%		2		S-		1		с		3	
CityView Bay Area Fund II	77.0	0.1%		1		S		3		В		3	
CityView Southern California Fund II	1.0	0.0%		2		S		3		В		3	
CityView Western Fund I, L.P.	152.0	0.2%		4		s		3		В		3	
Core Property Index Fund	119.0	0.2%		*		S		2		В		5	
Europa Fund IV	12.0	0.0%		1		S		3		В		2	
Heitman Asia-Pacific Property Investors	38.0	0.1%		2		S		3		В		4	
Invesco Real Estate Asia Fund	164.0	0.2%		3		S		4		В		5	
Prologis European Logistics Fund (PELF)	215.0	0.3%		5		S		4		Α		1	
RREEF Core Plus Industrial Fund (CPIF)	248.0	0.3%		5		S		3		В		5	
Starwood Capital Hospitality Fund	18.0	0.0%		1		S		2		с		3	
TPG Real Estate Partners III	41.0	0.1%		*		S		3		С		3	
SEPARATE ACCOUNTS													
Cityview Core I.M.A.	198.0	0.3%		1		S		3		В		1	
Clarion I.M.A.	416.0	0.6%		5		S		4		В		4	
Clarion Takeover Core IMA	360.0	0.5%		*		S		4		В		4	
Clarion Takeover Value IMA	60.0	0.1%		*		S		4		В		3	
Clarion Takeover Value IMA Vintage 2012	2.0	0.0%		*		S		4		В		4	
Heitman I.M.A.	359.0	0.5%		4		S		3		В		4	
RREEF Core/High Return I.M.A. III	899.0	1.2%		2		S		3		с		5	
RREEF Takeover I.M.A.	629.0	0.8%		1		s		3		с		4	
Stockbridge I.M.A.	662.0	0.9%		4		S		3		В		4	
Stockbridge High I.M.A. Vintage 2014	99.0	0.1%		*		S		3		В		5	
Stockbridge Value I.M.A. Vintage 2014	23.0	0.0%		*		S		3		В		3	

	LARCERA Los Angeles County Employees Retirement Association PRIVATE MARKETS MANAGER SCORECARD 1st Quarter 2022			SCORE		Organization & Operations S+, S, or S- (with S+ the best) GORE		ESG 1 to 5 (with 5 the best)				Т	eres & erms 1 to 5 5 the best)
	Manager	Market Value (in \$ millions)	% of Total Fund										
	HEDGE FUNDS												
	AM Asia	229.0	0.3%		4		S-		2		Α		5
	Brevan Howard	565.6	0.8%		4		S+		2		В		2
	Capula GRV	543.2	0.7%		5		S-		1		Α		3
	Caxton	273.3	0.4%		5		S		3		В		3
	DK Institutional Partners	495.4	0.7%		4		S		1		В		3
~x ⊢	HBK Multistrategy	557.8	0.7%		4		S		1		Α		3
	Hudson Bay	630.6	0.8%		5		S		1		В		3
Ŭ W	Polar	464.2	0.6%		5		S		2		В		4
JNDS & CREDIT	Stable	190.2	0.3%		*		S		2		Α		5
HEDGE FUNDS ILLIQUID CRED	ILLIQUID CREDIT												
E D	Barings	73.8	0.1%		5		S		3		Α		5
	Beach Point	515.2	0.7%		5		S		1		Α		3
뿌글	Glendon	128.8	0.2%		1		S		1		Α		2
	Magnetar	810.1	1.1%		*		S		2		Α		3
	Napier Park	847.8	1.1%		*		S		2		Α		4
	Oaktree	142.5	0.2%		4		S		2		В		2
	PIMCO Tac Opps	859.1	1.1%		3		S-		1		С		3
	Quadrant	83.2	0.1%		2		S		1		В		5
	Silver Rock	0.0	0.0%		*		S		2		Α		4
	Tennenbaum	9,411.2	12.5%		1		S		2		В		5

#### Footnotes

• Pillar methodologies in refinement and may evolve over time

# Category Descriptions

## Performance

- Quarterly score based on risk-adjusted performance metrics over time
- '\*' denotes a manager with an inception date of less than 3 years

## **Organization & Operations**

- Includes factors such as organization, professional staff, investment philosophy & process, risk management, legal & compliance framework, diversity & inclusion
- 'S' stands for Satisfactory

# ESG

- Evaluates the extent to which material ESG factors are identified, assessed, and incorporated into risk/return analysis and portfolio construction
- '+' denotes mandates where ESG scores are currently under review

## Partnership

• Assesses the quality of investment manager relationships both quantitatively and qualitatively

## Fees & Terms

• Compares various fees and terms within each asset category, strategy and/or investment structure