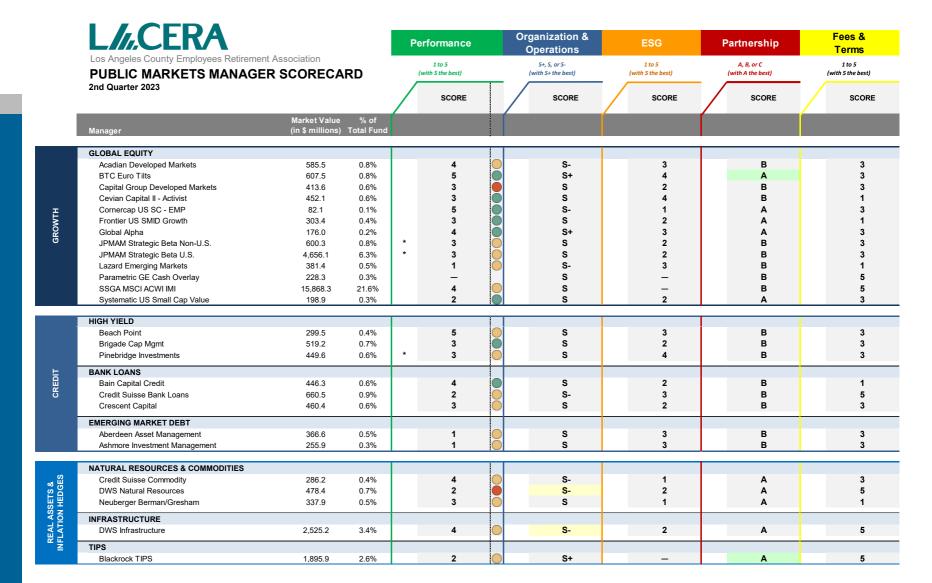


manager scorecards



	Los Angeles County Employees Retirement Association PUBLIC MARKETS MANAGER SCORECARD 2nd Quarter 2023			Performance 1 to 5 (with 5 the best) SCORE		Organization & Operations \$5, 5, or 5- (with 5+ the best) SCORE	ESG 1 to 5 (with 5 the best) SCORE		Partnership A, B, or C (with A the best) SCORE			Fees & Terms 1 to 5 (with 5 the best)	
	Manager	Market Value (in \$ millions)											
	INVESTMENT GRADE BONDS												
ం ర	Allspring/Wells	1,283.0	1.7%		5		S		3		В		5
Z O Z	BTC US Debt Index Fund	2,896.8	3.9%		4		S+		_		В		5
	Pugh Capital Mgmt	854.6	1.2%		3		S		1		Α		3
<u> </u>	LONG-TERM GOVERNMENT BONDS												
RISK REDUCTION &	BlackRock	2,961.8	4.0%	*	3		S+		_		В		5
e	CASH												
	SSGA Cash	781.1	1.1%	*	3		S+		_		Α		5
ංජ	OVERLAYS												
OVERLAYS & HEDGES	Parametric Cash Overlay	364.3	0.5%		-		s		-		В		5
哥哥	HEDGES												
<u> </u>	BTC Passive Currency Hedge	43.0	0.1%		_		S+		_		В		5

 Exceeds 3-Year Net Excess Return 		Exceeds	3-Year	Net	Excess	Return	
--	--	---------	--------	-----	--------	--------	--

Meets 3-Year Net Excess Return

Below 3-Year Net Excess Return

For Organization, ESG, and Partnership

Downgrade from the prior quarter Upgrade from the prior quarter

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 & Term

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

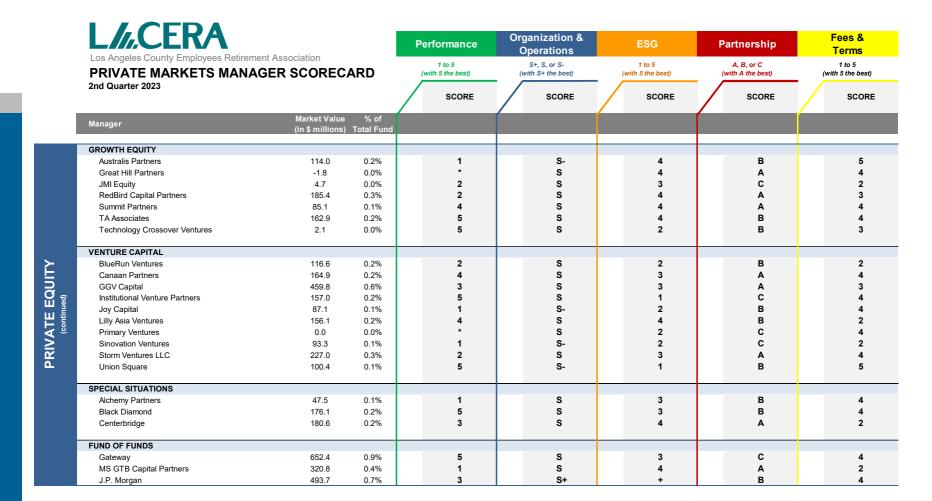


94.4

PRIVATE EQUITY

Palladium Equity Partners

L///CERA			Pe	erformance		anization & perations		ESG	P	artnership		Fees & Terms
Los Angeles County Employees Retire PRIVATE MARKETS MAN		RD	<u> </u>	1 to 5 with 5 the best)	(w	S+, S, or S- ith S+ the best)	<u>(</u>	1 to 5 with 5 the best)	(v	A, B, or C vith A the best)	. ,	1 to 5 (with 5 the best)
2nd Quarter 2023				SCORE		SCORE		SCORE		SCORE		SCORE
Manager	Market Value (in \$ millions) To	% of otal Fund										
GLOBAL/LARGE BUYOUT												
Advent International Group	133.6	0.2%		4		S+		3		С		4
Blackstone Management	211.5	0.3%		2		S		4		В		5
CVC Capital Partners	574.9	0.8%		5		S		4		Α		4
Green Equity Investors	375.2	0.5%		5		S+		3		Α		4
Hellman & Friedman	461.6	0.6%		1		S+		3		В		4
MBK	297.7	0.4%		1		S		4		A		2
Silver Lake Partners	553.1	0.8%		3		S+		3		A		5
Thoma Bravo LLC	219.1	0.3%		*		S+		3		В		3
Vista Equity Partners	859.4	1.2%		3		S-		3		A		2
MID-MARKET BUYOUT												
Accel-KKR Capital Partners	223.3	0.3%		3		S+		4		Α		3
Alpine Investors	0.0	0.0%		*		S+		4		В		2
BlackFin Capital Partners	52.6	0.1%		1		s		3		В		3
Carlyle Group	229.5	0.3%		3		S+		4		В		4
Clearlake Capital	538.9	0.7%		5		s		4		Α		4
GHO Capital	113.9	0.2%		*		S		3		Α		3
Gilde Partners	37.2	0.1%		5		S		2		Α		5
Harvest Partners	61.3	0.1%		5		S		1		С		3
Marlin Equity	26.6	0.0%		1		S-		2		С		3
Novacap	16.6	0.0%		*		S		3		В		3
Onex Partners	309.8	0.4%		2		S		4		Α		5
PAI	174.1	0.2%		4		S-		2		В		4
Revelstoke	169.9	0.2%		3		S		4		Α		2
Riverside Capital	111.1	0.2%		1		S		3		В		3
Siris Capital Group	162.6	0.2%		2		S		3		В		4
Sterling Partners	128.1	0.2%		4		S		3		Α		4
STG Partners	58.4	0.1%		*		S		3		Α		3
Triton	156.3	0.2%		5		S-		3		С		5
TSG	2.9	0.0%		*		S+		3		С		2
Veritas Capital	78.8	0.1%		*		S+		3		В		3
Vinci Partners	82.5	0.1%		2		s		4		В		5
Webster Equity Partners	83.3	0.1%		*		s		3		В		3
Wynnchurch Capital	59.2	0.1%		*		S+		3		С		3
SMALL BUYOUT												
AE Industrial Partners	107.5	0.1%		5		S+		3		Α		3
Atlantic Street Capital	47.7	0.1%		5		S		3		Ä		3
Clarion	28.8	0.1%		3		S+		2		B		4
Excellere Partners	134.1	0.2%		2		S-		3		Ā		3
Incline Equity Partners	41.1	0.2%		5		S		2		Ĉ		4
Insignia Capital Partners	150.2	0.1%		5		s		- 1		В		5
Juggernaut Capital Partners	313.4	0.4%		4		s		3		Ā		4
Lightyear Capital	235.1	0.4%		3		s		2		Ä		5
Livingbridge	56.8	0.1%		1		S+		4		Ä		3
Monteflore Investment	21.2	0.0%		*		S+		4		В		4
One Rock Capital Partners	233.6	0.3%		1		s.		3		Ā		4
one rook ouplier i artifera	200.0	3.070	1	•		-		•		~		-





Manager

REAL ESTATE

COMMINGLED FUNDS AERMONT Real Estate Fund IV

AEW Value Investors Asia III AG Asia Realty Fund IV

AG Europe Realty Fund II

CBRE US Core Partners

CityView Bay Area Fund II

Core Property Index Fund

Europa Fund IV

CitvView Western Fund I. L.P.

Invesco Real Estate Asia Fund

Starwood Capital Hospitality Fund

TPG Real Estate Partners III

TPG Real Estate Partners IV

Clarion Takeover Core IMA

Clarion Takeover Value IMA

RREEF Takeover I.M.A.

Stockbridge I.M.A.

RREEF Core/High Return I.M.A. III

Stockbridge High I.M.A. Vintage 2014

Stockbridge Value I.M.A. Vintage 2014

SEPARATE ACCOUNTS Cityview Core I.M.A.

Clarion I.M.A.

Heitman I.M.A.

Bain Capital Real Estate Fund I

Bain Capital Real Estate Fund II

CapMan Nordic Real Estate Fund II

CapMan Nordic Real Estate Fund III

Heitman Asia-Pacific Property Investors

Prologis European Logistics Fund (PELF)

RREEF Core Plus Industrial Fund (CPIF)

Blackstone Real Estate Partners Fund X

Brookfield Strategic Real Estate Partners Fund IV

Ρ	RIV	ATE	MA	RKETS	MANA	GER	SCOR	RECAR	D
_									

2nd Quarter 2023

Market Value % of

32.2

30.2

75.3

48.1

79.3

47.9

-0.8

114 8

41.0

31.0

100.0

76.3

214.6

118.7

11.9

326

150.8

190.9

288.0

6.3

40.4

4.6

187.7

495.2

322.0

8.6

304.9

1.251.3

0.1

622.3

59.1

24.6

(in \$ millions) Total Fund

0.0%

0.0%

0.1%

0.1%

0.1%

0.1%

0.0%

0.2%

0.1%

0.0%

0.1%

0.1%

0.3%

0.2%

0.0%

0.0%

0.2%

0.3%

0.4%

0.0%

0.1%

0.0%

0.3%

0.7%

0.4%

0.0%

0.4%

1.7%

0.0%

0.8%

0.1%

0.0%

Performance		ormance Organization & Operations			ESG	ŗ	Partnership	Fees & Terms			
	1 to 5 (with 5 the best)				1 to 5 (with 5 the best)	_	A, B, or C (with A the best)	1 to 5 (with 5 the best)			
	SCORE		SCORE		SCORE		SCORE		SCORE		
	1		s		4		В		3		
	1		Š		4		В		4		
	4		s		2		В		3		
	3		S		2		В		3		
	5		S		3		Α		3		
	*		S		3		Α		3		
	*		s		3		В		3		
	*		S		3		В		3		
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	2		S		4		В		5		
	3		s		4		Α		1		
	5		S-		3		В		5		
	4		S		2		С		3		
	4		S		2		В		3		
	*		S		2		В		3		
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	*		S		3		A		4		
	*		S		3		A		3		

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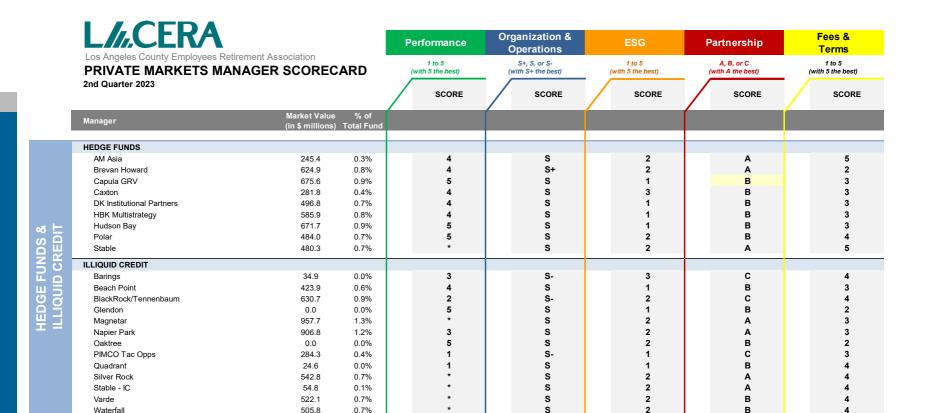
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ı	LILLIACERA Los Angeles County Employees Retirement Association PRIVATE MARKETS MANAGER SCORECARD 2nd Quarter 2023 Market Value % of			Performance 1 to 5 (with 5 the best) SCORE		Organization & Operations S+, S, or S- (with S+ the best) SCORE		ESG 1 to 5 (with 5 the best) SCORE		Partnership A, B, or C (with A the best) SCORE		Fees & Terms 1 to 5 with 5 the best)
	Manager	(in \$ millions)	Total Fund									
	NATURAL RESOURCES & COMMODITIES											
	Appian III	4.1	0.0%		*		s		3		В	3
	Applantili Ara III	0.0	0.0%		*		S		4		В	3
	Cibus Enterprise II	4.6	0.0%		*		S		3		В	3
	Cibus Fund II	29.0	0.0%		*		Š		3		В	3
	EMG	81.5	0.1%		2		Š		3		В	1
(C)	HiTecVision	95.1	0.1%		*		s		3		Ā	3
	Orion Mine Finance Onshore III	132.8	0.2%		*		S		4		В	4
S	Orion Mineral Royalty Fund I	23.5	0.0%		*		S		4		В	4
S CO	Sprott	44.8	0.1%		*		s		3		В	5
ate A	TIAA-CREF Global Agriculture	294.9	0.4%		5		S+		4		Α	5
PRIVATE REAL ASSETS (ex. Real Estate)	TIAA-CREF Global Agriculture II	272.4	0.4%		5		S+		4		Α	5
E E	INFRASTRUCTURE											
E &	Antin Mid Cap	50.0	0.1%		*		S		3		В	2
Ľ×	Axium Infrastructure Canada II	150.1	0.2%		*		S		4		Α	3
4 =	Axium Infrastructure US II	263.3	0.4%		*		S		4		Α	3
≥	DIF CIF III	43.5	0.1%		*		S		3		Α	4
₩.	DIF Infrastructure VI	118.8	0.2%		5		S		3		Α	2
	Grain Communications Opportunity Fund III	44.5	0.1%		*		S-		3		С	2
	Grain Spectrum Holdings III	66.3	0.1%		3		S-		3		С	2
	Guardian Smart Infrastructure	0.0	0.0%		*		S		3		С	4
	KKR Diversified Core Infrastructure Fund	509.1	0.7%		*		S		3		Α	4
	Macquarie Global Infrastructure Fund	0.0	0.0%		*		S		3		Α	4
	Pan-European Infrastructure Fund III	76.4	0.1%		2		S-		3		В	3
	Partners Group Direct Infrastructure 2020	91.8	0.1%		*		S		3		Α	3



For Organization, ESG, and Partnership

Downgrade from the prior quarter Upgrade from the prior quarter

Pillar methodologies in refinement and may evolve over time

Category Descriptions

Performance

Footnotes

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