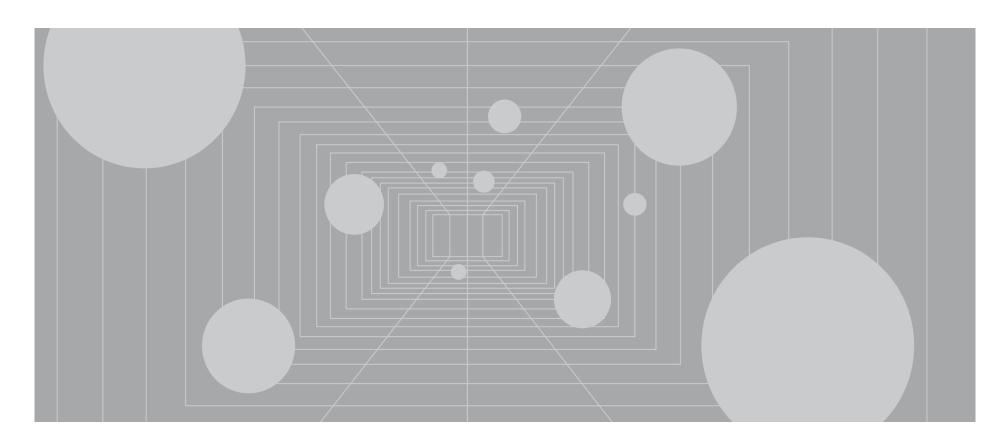
INDEX AND BENCHMARK STATISTICS





AS OF DECEMBER 31, 2021

UPCOMING CHANGE TO CAMBRIDGE ASSOCIATES' VINTAGE YEAR DEFINITION

Beginning with the Q12022 performance quarter (released in July), <u>CA's definition of fund vintage year will shift from the legal inception date to the date of fund first cash flow</u>, defined as the year of a fund's first drawdown or capital call from its investors. The use of the date of a fund's first cash flow to determine its vintage year reflects the evolution of best practices and will allow for more consistent comparisons to industry data.

Why is CA making this change?

It is important that we provide our clients (and the industry) with a standardized dataset that can be appropriately compared against data sets and returns produced by other industry participants (limited partners, peer groups, etc.). While GIPS Standards recognize both the date of first cash flow (FCF) and legal inception date as acceptable vintage year definitions, the vast majority of industry participants today prefer the FCF definition.

What are the impacts of this change?

Some funds will move from one vintage year to another and, as funds move, the composition of vintage year groups of funds change. An individual fund's return is not impacted by this change, but changes to the funds included in each vintage year grouping will lead to some differences in benchmark sample sizes, available metrics, and "by vintage year" returns.

DISCLAIMER AS OF DECEMBER 31, 2021

DISCLAIMER

Our goal is to provide you with the most accurate and relevant performance information possible; as a result, Cambridge Associates' research organization continually monitors the constantly evolving private investments space and its fund managers. When we discern material changes in the structure of an asset class and/or a fund's investment strategy, it is in the interest of all users of our benchmark statistics that we implement the appropriate classification realignments.

In addition, Cambridge Associates is always working to grow our private investments performance database and ensure that our benchmarks are as representative as possible of investors' institutional-quality opportunity set. As a result we continually add funds to the database (both newly-raised funds and backfill funds) and occasionally we must remove funds that cease reporting. Our private investments performance database is dynamic and will reflect both classification adjustments and changes to the underlying pool of contributing funds. As a result, you may notice guarter to guarter changes in the results of some historical benchmark return analyses.

OVERVIEW
AS OF DECEMBER 31, 2021

Cambridge Associates' Private Investments Database is one of the most robust collections of institutional quality private fund performance. It contains the historical performance records of over 2,200 fund managers and their over 8,900 funds. In addition, we capture the performance information (gross) of over 88,000 investments underlying our venture capital, growth equity, and buyout funds. This is one of the largest collections of fund portfolio investment-level performance information in the world and represents the investments of approximately 74% of these funds on a count basis and 80% on a total commitment basis. This fund and investment-level performance information is drawn from the quarterly and audited annual financial statements of the fund managers and each manager's reported performance numbers are independently recreated from the financial statements and verified by Cambridge Associates.

Institutional Quality Data

Cambridge Associates strives to include only institutional quality funds in our benchmarks. "Institutional quality" funds, in our definition, tend to meet the following criteria: closed-end funds, commingled funds that invest third party capital (we exclude firms that invest off of their balance sheet, such as a bank's principal investing group or a corporate's venture capital arm), and fund vehicles. This institutional quality screen seeks to provide investors with performance dataconsistent with their investible opportunity set.

Sources of Benchmark Data

Our benchmark database utilizes the quarterly unaudited and annual audited fund financial statements produced by the fund managers (GPs) for their Limited Partners (LPs). These documents are provided to Cambridge Associates by the fund managers themselves. Unlike other data providers, Cambridge Associates does not use Freedom of Information Act (FOIA) or similar requests, regulatory filings, manager surveys, or press "scrapings" to obtain information. Our goal is to have a complete historical record of the quarterly cash flows and net asset values for all funds in the benchmarks. We use a number of paths to encourage fund managers to submit their performance data to our database: our clients for whom we provide private investment performance reporting, our research organization's regular meetings with thousands of managers, our special projects designed to enhance existing benchmarks or launch new ones, our exclusive relationships with over ten globally-diverse fund manager associations, and finally, our strategic relationships with Refinitiv and the Institutional Limited Partners Association (ILPA). By leveraging these varied sources and proprietary relationships, Cambridge Associates has constructed a rich and diversified benchmark dataset.

TIMING OF FINAL BENCHMARKS AND DATA EVOLUTION

AS OF DECEMBER 31, 2021

The Cambridge Associates' benchmarks are reported on a one-quarter lag from the end of the performance quarter due to the reporting time frame of private investments fund managers.

Published Data: When the vast majority of a benchmark group's (organized by asset class, e.g. Venture Capital or Real Estate) performance information is updated for a performance quarter, that benchmark is considered final and the data is "published" via the quarterly benchmark reports.

Changes to Data: After a benchmark group is published, any updates to historical data for these funds, which can include adding a fund and its performance history to the database ("backfills") and/or updating past information for an existing fund due to late-arriving, updated, or refined information, would be reflected when that group is published for the next performance quarter.

In addition, Cambridge Associates may change the classification of certain funds; this often driven by the evolution of private investments and the resulting need to introduce new benchmarks or refine our classification scheme. For example, as growth equity emerged as an asset class we reclassified certain venture capital and buyout funds accordingly.

Survivorship Bias: In order to track the performance of a fund in our benchmarks, we require the complete set of financial statements from the fund's inception to the most current reporting date. When an active fund stops providing financial statements, we reach out to the manager and make several attempts to encourage them to continue to submit their data. We may, during this communication period, roll forward the fund's last reported quarter's net asset value (NAV) for several quarters. When we are convinced that the manager will not resume reporting to us, the fund's entire performance history is removed from the database.

When fund managers stop reporting before their fund's return history is complete, an element of "survivorship bias" may be introduced to a performance database, which could skew the reported returns upwards if the funds dropping out had poorer returns than those funds that remained. Survivorship bias can affect all investment manager databases, including those for public stock managers and hedge funds. Compared to public stocks and hedge funds, however, the illiquid nature of private investments can actually help limit this survivorship effect. Whereas an underperforming stock manager may simply close up shop or drop out of databases as clients liquidate their positions and fire the manager, private investment partnerships owning illiquid assets continue to exist and require reporting to the limited partners, even if the original manager ceases to exist.

Over the last ten years the number of fund managers that stopped reporting to Cambridge Associates before liquidation represented an average of 0.8% (per year) of the total number of funds in the database during the respective year, and an average of 0.6% (per year) as a percentage of total NAV in the database during that respective year. During that same period the overall number of funds in our database increased by an average of 7% (per year). The performance of the small number of funds that have stopped reporting has been spread amongst all quartiles and has not been concentrated consistently in the poorer performing quartiles.

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CRITERIA FOR INCLUSION

AS OF DECEMBER 31, 2021

Impact investments are defined by their intent to generate a social and/or environmental return in addition to a financial return. The focus of this benchmark is private funds with a social impact objective to allow for a clear aggregation of similarly motivated funds.

A unique feature of impact investments is that not all investment opportunities aim for market rates of risk-adjusted return. However, in the interest of focusing on a relatively uniform set of data, this benchmark restricts itself to those funds that target risk-adjusted market-rate returns.

The Cambridge Associates research team, in partnership with the Global Impact Investing Network (GIIN) research team, identified a list of relevant impact investing funds through existing databases maintained by various credible networks worldwide, including the GIIN's ImpactBase, CA's Mission-Related Investing (MRI) database, the Community Development Venture Capital Alliance (CDVCA), the European Venture Philanthropy Association (EVPA), ImpactAssets 50, and Opportunity Finance Network (OFN). This list was further refined based on the criteria in the table below:

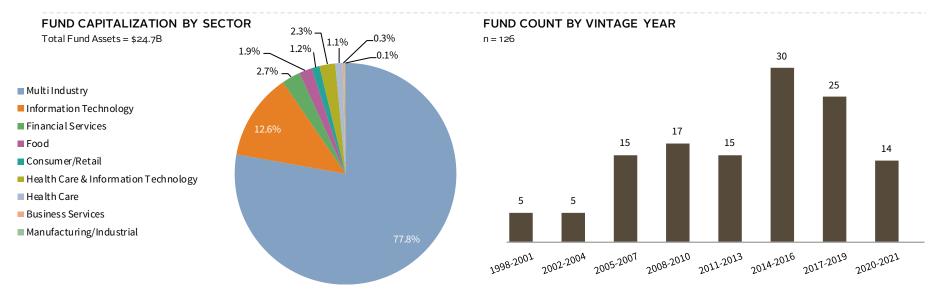
	INCLUDED	EXCLUDED	
FUND TYPE	Private, closed-ended funds available	Public funds	
	to institutional investors	Open-ended funds	
	Private Equity: Growth	Private Equity: Buyout	
ASSET CLASS/STRATEGY	Private Equity: Subordinated Capital	Fixed Income	
	Venture Capital	Real Assets	
IMPACT INTENT	Intent to generate social impact	Intent to generate environmental impact only	
IMPACTINIENT	intent to generate social impact	ESG / negative screening	
TARGET RETURNS	"Market rate": target 15%+ net IRR for growth and venture; 10%+ for subordinated capital	Below-market funds: target concessionary returns that are lower than our market rate expectations	

126 qualifying funds had submitted their data for benchmark inclusion as of December 31, 2021. Funds are continually added to this benchmark each quarter.

Given the limited size of the sample and the overall youth of the funds within the PE/VC Impact Investing Benchmark, it is difficult to draw definitive conclusions on the performance of impact investing funds. Like the impact investing industry, the PE/VC Impact Investing Benchmark dataset is young and dynamic—its performance will evolve from quarter to quarter, as with any benchmark, with the addition of new funds and the maturation of existing ones. We will monitor the industry by updating this benchmark on a quarterly basis.

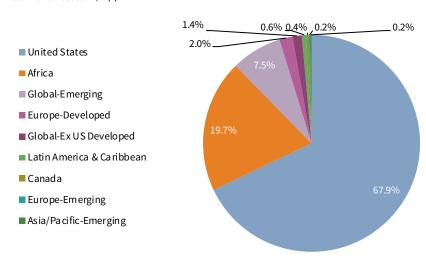
DISTRIBUTION OF FUNDS

AS OF DECEMBER 31, 2021



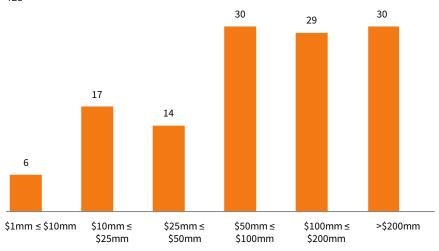
FUND CAPITALIZATION BY GEOGRAPHY

Total Fund Assets = \$24.7B



FUND COUNT BY SIZE

n = 126



PE/VC IMPACT INVESTING: FUND INDEX ANALYSIS





ALL MARKETS AS OF DECEMBER 31, 2021

FUND INDEX SUMMARY: HORIZON POOLED RETURN

Net to Limited Partners

CAMBRIDGE ASSOCIATES LLC PE/VC IMPACT INVESTING INDEX ¹	5.55	31.52	18.77	15.53	12.17	10.61	11.16
INDEX	1-QUARTER	1-YEAR	3-YEAR	5-YEAR	10-YEAR	15-YEAR	20-YEAR

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ALL MARKETS AS OF DECEMBER 31, 2021

FUND INDEX DETAILS: ONE QUARTER HORIZON POOLED RETURN

QUARTER ENDING	HORIZON RETURN		QUARTER ENDING	HORIZON RETURN		QUARTER ENDING	HORIZON RETURN	QUARTER ENDING	HORIZON RETURN
2000 Q4	-5.24	•	2006 Q2	0.63	•	2011 Q4	6.77	2017 Q2	2.97
2001 Q1	-4.93		2006 Q3	8.36	-	2012 Q1	1.26	2017 Q3	1.96
2001 Q2	-4.14		2006 Q4	25.58	-	2012 Q2	0.37	2017 Q4	3.90
2001 Q3	-3.86		2007 Q1	3.36	-	2012 Q3	2.84	2018 Q1	1.36
2001 Q4	7.28		2007 Q2	11.96	-	2012 Q4	5.27	2018 Q2	1.99
2002 Q1	-2.98		2007 Q3	2.39	-	2013 Q1	0.93	2018 Q3	0.55
2002 Q2	-4.27		2007 Q4	10.94		2013 Q2	4.80	2018 Q4	2.88
2002 Q3	-2.51		2008 Q1	7.57		2013 Q3	3.80	2019 Q1	1.69
2002 Q4	2.09		2008 Q2	-2.12		2013 Q4	7.49	2019 Q2	3.49
2003 Q1	-2.91		2008 Q3	-11.05		2014 Q1	1.74	2019 Q3	0.09
2003 Q2	-2.73		2008 Q4	-6.83	_	2014 Q2	3.32	2019 Q4	4.61
2003 Q3	-7.20		2009 Q1	-3.97	_	2014 Q3	-0.30	2020 Q1	-7.37
 2003 Q4	4.72		2009 Q2	3.26	_	2014 Q4	0.22	2020 Q2	5.45
2004 Q1	-4.86		2009 Q3	3.65		2015 Q1	-2.64	2020 Q3	5.63
 2004 Q2	26.23		2009 Q4	-0.80	-	2015 Q2	3.06	2020 Q4	9.08
 2004 Q3	12.14		2010 Q1	-1.83	_	2015 Q3	-2.50	2021 Q1	5.31
 2004 Q4	26.86		2010 Q2	-3.41	_	2015 Q4	1.53	2021 Q2	9.58
 2005 Q1	25.38		2010 Q3	8.35	_	2016 Q1	0.27	2021 Q3	7.97
2005 Q2	-0.37		2010 Q4	1.25	_	2016 Q2	0.02	2021 Q4	5.55
 2005 Q3	2.75		2011 Q1	-2.39	_	2016 Q3	1.93		
2005 Q4	-21.34		2011 Q2	2.03	_	2016 Q4	2.45		
2006 Q1	0.63		2011 Q3	-5.52		2017 Q1	2.19		

ALL MARKETS AS OF DECEMBER 31, 2021

FUND INDEX DETAILS: HORIZON POOLED RETURN

	MULTI-YEAR RETURNS
YEARS	HORIZON RETURN (%)
1 Year	31.52
2 Years	22.57
3 Years	18.77
4 Years	16.28
5 Years	15.53
6 Years	14.13
7 Years	12.52
8 Years	11.83
9 Years	12.30
10 Years	12.17
11 Years	11.59
12 Years	11.29
13 Years	10.99
14 Years	10.26
15 Years	10.61
16 Years	10.86
17 Years	10.81
18 Years	11.40
19 Years	11.26
20 Years	11.16

0	NE YEAR ROLLING RETURNS
ONE YEAR ENDED	HORIZON RETURN (%)
12/31/2021	31.52
12/31/2020	13.13
12/31/2019	10.28
12/31/2018	7.02
12/31/2017	11.52
12/31/2016	4.83
12/31/2015	-0.58
12/31/2014	4.96
12/31/2013	18.18
12/31/2012	10.38
12/31/2011	1.08
12/31/2010	4.24
12/31/2009	2.13
12/31/2008	-14.24
12/31/2007	32.45
12/31/2006	34.33
12/31/2005	7.35
12/31/2004	76.91
12/31/2003	-7.15
12/31/2002	-6.46

DEVELOPED MARKETS AS OF DECEMBER 31, 2021

FUND INDEX DETAILS: ONE QUARTER HORIZON POOLED RETURN

QUARTER ENDING	HORIZON RETURN
2001 Q4	_
2002 Q1	_
2002 Q2	_
2002 Q3	_
2002 Q4	_
2003 Q1	-11.46
2003 Q2	-5.39
2003 Q3	-14.78
2003 Q4	8.46
2004 Q1	-18.18
2004 Q2	-11.28
2004 Q3	-14.14
2004 Q4	-2.81
2005 Q1	-6.37
2005 Q2	-4.07
2005 Q3	31.29
2005 Q4	0.38
2006 Q1	-1.20
2006 Q2	-8.44
2006 Q3	30.31
2006 Q4	9.34

QUARTER ENDING	HORIZON RETURN
2007 Q1	14.27
2007 Q2	-3.35
2007 Q3	6.03
2007 Q4	1.67
2008 Q1	-0.10
2008 Q2	-1.54
2008 Q3	-9.55
2008 Q4	-9.01
2009 Q1	-2.55
2009 Q2	1.41
2009 Q3	-2.82
2009 Q4	4.36
2010 Q1	-1.99
2010 Q2	5.15
2010 Q3	5.09
2010 Q4	5.78
2011 Q1	-0.42
2011 Q2	7.98
2011 Q3	-1.70
2011 Q4	8.92
2012 Q1	-5.15

QUARTER ENDING	HORIZON RETURN
2012 Q2	-0.87
2012 Q3	0.31
2012 Q4	6.22
2013 Q1	-3.91
2013 Q2	16.11
2013 Q3	1.25
2013 Q4	12.80
2014 Q1	1.38
2014 Q2	1.96
2014 Q3	0.06
2014 Q4	2.14
2015 Q1	-2.80
2015 Q2	6.19
2015 Q3	-0.45
2015 Q4	3.01
2016 Q1	-2.57
2016 Q2	-0.33
2016 Q3	0.15
2016 Q4	3.34
2017 Q1	2.07
2017 Q2	3.28

QUARTER ENDING	HORIZON RETURN
2017 Q3	1.84
2017 Q4	4.39
2018 Q1	0.02
2018 Q2	4.63
2018 Q3	0.83
2018 Q4	3.08
2019 Q1	2.17
2019 Q2	5.93
2019 Q3	1.48
2019 Q4	5.52
2020 Q1	-7.95
2020 Q2	6.59
2020 Q3	5.97
2020 Q4	13.70
2021 Q1	6.79
2021 Q2	13.42
2021 Q3	10.06
2021 Q4	6.95

DEVELOPED MARKETS

AS OF DECEMBER 31, 2021

FUND INDEX DETAILS: ONE QUARTER HORIZON POOLED RETURN

	MULTI-YEAR RETURNS
YEARS	HORIZON RETURN (%)
1 Year	42.52
2 Years	32.04
3 Years	27.54
4 Years	24.28
5 Years	22.93
6 Years	20.97
7 Years	19.99
8 Years	19.20
9 Years	19.60
10 Years	18.58
11 Years	18.45
12 Years	18.32
13 Years	17.77
14 Years	16.67
15 Years	16.68
16 Years	16.80
17 Years	16.84
18 Years	16.56
19 Years	16.45
20 Years	16.35

ONE YEAR ROLLING RETURNS			
ONE YEAR ENDED	HORIZON RETURN (%)		
12/31/2021	42.52		
12/31/2020	20.03		
12/31/2019	16.06		
12/31/2018	9.07		
12/31/2017	12.25		
12/31/2016	1.10		
12/31/2015	6.30		
12/31/2014	5.68		
12/31/2013	27.15		
12/31/2012	0.51		
12/31/2011	15.57		
12/31/2010	15.11		
12/31/2009	0.88		
12/31/2008	-20.38		
12/31/2007	16.84		
12/31/2006	31.32		
12/31/2005	22.17		
12/31/2004	-35.11		
12/31/2003	-17.21		
12/31/2002	-36.42		

EMERGING MARKETS AS OF DECEMBER 31, 2021

FUND INDEX DETAILS: ONE QUARTER HORIZON POOLED RETURN

QUARTER ENDING	HORIZON RETURN	QUARTER ENDING	HORIZON RETURN	QUARTER ENDING	HORIZON RETURN	QUARTER ENDING	
2001 Q1	-5.32	2006 Q2	2.75	2011 Q3	-6.86	2016 Q ²	ļ
2001 Q2	-4.45	2006 Q3	2.39	2011 Q4	6.01	2017 Q	
2001 Q3	-4.20	2006 Q4	31.29	2012 Q1	3.58	2017 Q2	!
2001 Q4	8.12	2007 Q1	0.64	2012 Q2	0.78	2017 Q3	;
2002 Q1	-3.21	2007 Q2	16.32	2012 Q3	3.59	2017 Q ²	ļ
2002 Q2	-2.73	2007 Q3	1.33	2012 Q4	5.00	2018 Q	
2002 Q3	-2.07	2007 Q4	14.03	2013 Q1	2.35	2018 Q2	
2002 Q4	2.77	2008 Q1	9.93	2013 Q2	1.73	2018 Q3	1
2003 Q1	-2.16	2008 Q2	-2.29	2013 Q3	4.53	2018 Q4	ļ
2003 Q2	-2.46	2008 Q3	-11.51	2013 Q4	6.11	2019 Q	-
2003 Q3	-6.34	2008 Q4	-6.14	2014 Q1	1.84	2019 Q2	
2003 Q4	4.27	2009 Q1	-4.39	2014 Q2	3.68	2019 Q3	;
2004 Q1	-3.10	2009 Q2	3.82	2014 Q3	-0.38	2019 Q ²	ļ
2004 Q2	30.91	2009 Q3	5.66	2014 Q4	-0.25	2020 Q	-
2004 Q3	15.01	2009 Q4	-2.32	2015 Q1	-2.60	2020 Q2	!
2004 Q4	29.82	2010 Q1	-1.78	2015 Q2	2.16	2020 Q3	1
2005 Q1	28.02	2010 Q2	-6.23	2015 Q3	-3.17	2020 Q4	
2005 Q2	-0.05	2010 Q3	9.62	2015 Q4	1.00	2021 Q	
2005 Q3	-0.16	2010 Q4	-0.36	2016 Q1	1.34	2021 Q2	
2005 Q4	-24.23	2011 Q1	-3.05	2016 Q2	0.16	2021 Q3	}
2006 Q1	0.96	2011 Q2	0.05	2016 Q3	2.65	2021 Q4	ļ

EMERGING MARKETS AS OF DECEMBER 31, 2021

FUND INDEX DETAILS: HORIZON POOLED RETURN

MU	LTI-YEAR RETURNS
YEARS	HORIZON RETURN (%)
1 Year	7.01
2 Years	5.00
3 Years	4.78
4 Years	4.97
5 Years	6.23
6 Years	6.25
7 Years	4.98
8 Years	4.95
9 Years	5.91
10 Years	6.48
11 Years	5.88
12 Years	5.66
13 Years	5.55
14 Years	5.03
15 Years	5.54
16 Years	5.86
17 Years	5.85
18 Years	6.69
19 Years	6.58
20 Years	6.52

ONE YEAR ROLLING RETURNS					
ONE YEAR ENDED	HORIZON RETURN (%)				
12/31/2021	7.01				
12/31/2020	3.13				
12/31/2019	4.36				
12/31/2018	5.53				
12/31/2017	11.17				
12/31/2016	6.36				
12/31/2015	-2.64				
12/31/2014	4.77				
12/31/2013	15.73				
12/31/2012	13.75				
12/31/2011	-3.56				
12/31/2010	0.63				
12/31/2009	2.52				
12/31/2008	-12.23				
12/31/2007	37.04				
12/31/2006	35.07				
12/31/2005	5.54				
12/31/2004	95.00				
12/31/2003	-5.98				
12/31/2002	-4.04				

EMERGING MARKETS EX AFRICA

AS OF DECEMBER 31, 2021

FUND INDEX DETAILS: ONE QUARTER HORIZON POOLED RETURN

HORIZON RETURN	QUARTER ENDING
_	2001 Q4
_	2002 Q1
_	2002 Q2
_	2002 Q3
_	2002 Q4
_	2003 Q1
_	2003 Q2
-3.33	2003 Q3
-4.10	2003 Q4
-4.09	2004 Q1
-2.18	2004 Q2
-3.74	2004 Q3
29.87	2004 Q4
2.67	2005 Q1
0.66	2005 Q2
-1.86	2005 Q3
0.18	2005 Q4
5.10	2006 Q1
-1.11	2006 Q2
-1.66	2006 Q3
12.72	2006 Q4

HORIZON RETURN	QUARTER ENDING
4.17	2007 Q1
2.13	2007 Q2
2.89	2007 Q3
0.29	2007 Q4
-0.68	2008 Q1
4.99	2008 Q2
-1.50	2008 Q3
28.58	2008 Q4
0.15	2009 Q1
3.81	2009 Q2
3.58	2009 Q3
3.92	2009 Q4
13.16	2010 Q1
5.84	2010 Q2
16.60	2010 Q3
-7.46	2010 Q4
-4.03	2011 Q1
-1.56	2011 Q2
-5.75	2011 Q3
4.09	2011 Q4
2.02	2012 Q1

QUARTER	HORIZON
2012 Q2	RETURN
	-1.05
2012 Q3	0.76
2012 Q4	1.96
2013 Q1	2.15
2013 Q2	-0.02
2013 Q3	4.48
2013 Q4	4.56
2014 Q1	2.11
2014 Q2	3.13
2014 Q3	2.85
2014 Q4	-4.54
2015 Q1	-0.99
2015 Q2	-1.16
2015 Q3	-1.18
2015 Q4	1.77
2016 Q1	-0.05
2016 Q2	-1.14
2016 Q3	3.98
2016 Q4	-0.03
2017 Q1	5.07
2017 Q2	2.20

QUARTER ENDING	HORIZON RETURN
2017 Q3	5.97
2017 Q4	2.06
2018 Q1	0.43
2018 Q2	-0.05
2018 Q3	-1.77
2018 Q4	7.64
2019 Q1	1.76
2019 Q2	1.50
2019 Q3	-2.04
2019 Q4	1.30
2020 Q1	-10.96
2020 Q2	13.34
2020 Q3	4.15
2020 Q4	4.09
2021 Q1	8.34
2021 Q2	1.45
2021 Q3	5.16
2021 Q4	2.55

EMERGING MARKETS EX AFRICA

AS OF DECEMBER 31, 2021

FUND INDEX DETAILS: HORIZON POOLED RETURN

MULTI-YEAR RETURNS				
YEARS	HORIZON RETURN (%)			
1 Year	18.60			
2 Years	13.69			
3 Years	9.79			
4 Years	8.93			
5 Years	10.33			
6 Years	9.09			
7 Years	7.76			
8 Years	7.28			
9 Years	7.59			
10 Years	7.37			
11 Years	6.77			
12 Years	7.28			
13 Years	7.38			
14 Years	7.75			
15 Years	7.77			
16 Years	7.82			
17 Years	7.79			
18 Years	7.85			
19 Years	7.80			
20 Years	7.77			

ONE YEAR ROLLING RETURNS				
ONE YEAR ENDED	HORIZON RETURN (%)			
12/31/2021	18.60			
12/31/2020	9.27			
12/31/2019	2.41			
12/31/2018	6.22			
12/31/2017	16.08			
12/31/2016	2.75			
12/31/2015	-1.42			
12/31/2014	2.74			
12/31/2013	12.01			
12/31/2012	3.66			
12/31/2011	-6.53			
12/31/2010	27.34			
12/31/2009	12.13			
12/31/2008	36.39			
12/31/2007	9.20			
12/31/2006	17.04			
12/31/2005	1.81			
12/31/2004	33.55			
12/31/2003	-21.16			
12/31/2002	-23.94			

FUND SIZE ≤ \$100mm

AS OF DECEMBER 31, 2021

FUND INDEX DETAILS: ONE QUARTER HORIZON POOLED RETURN

QUARTER ENDING	HORIZON RETURN	QUARTER ENDING	HORIZON RETURN	QUARTER ENDING	HORIZON RETURN	QUARTEI ENDING	
2001 Q1	-3.29	2006 Q2	1.49	2011 Q3	-3.47	2016 Q	4 0
2001 Q2	-2.81	2006 Q3	14.15	2011 Q4	4.74	2017 Q	1 -0
2001 Q3	-1.90	2006 Q4	16.12	2012 Q1	-1.90	2017 Q	2 1.
2001 Q4	-1.77	2007 Q1	8.46	2012 Q2	-1.47	2017 Q	3 1.
2002 Q1	-0.88	2007 Q2	8.44	2012 Q3	1.28	2017 Q	4 1.
2002 Q2	-9.78	2007 Q3	5.29	2012 Q4	6.92	2018 Q	1 -0.
2002 Q3	-4.06	2007 Q4	4.21	2013 Q1	-3.10	2018 Q	2 2.
2002 Q4	-3.69	2008 Q1	1.21	2013 Q2	13.45	2018 Q	3 0
2003 Q1	-6.43	2008 Q2	1.58	2013 Q3	1.37	2018 Q	4 8
2003 Q2	-3.67	2008 Q3	-6.15	2013 Q4	9.44	2019 Q	1 1
2003 Q3	-6.71	2008 Q4	4.10	2014 Q1	1.29	2019 Q	2 2
2003 Q4	2.45	2009 Q1	-0.45	2014 Q2	2.44	2019 Q	3 -1
2004 Q1	-8.28	2009 Q2	2.90	2014 Q3	-0.22	2019 Q	4 9
2004 Q2	-5.10	2009 Q3	1.32	2014 Q4	1.43	2020 Q	1 -6.
2004 Q3	-7.19	2009 Q4	5.08	2015 Q1	-3.78	2020 Q	2 5
2004 Q4	4.58	2010 Q1	3.92	2015 Q2	4.43	2020 Q	3 4
2005 Q1	-1.93	2010 Q2	4.35	2015 Q3	-0.63	2020 Q	4 8
2005 Q2	-2.11	2010 Q3	9.77	2015 Q4	2.61	2021 Q	1 6
2005 Q3	13.42	2010 Q4	1.90	2016 Q1	-0.82	2021 Q	2 10
2005 Q4	0.51	2011 Q1	-2.23	2016 Q2	2.99	2021 Q	3 14
2006 Q1	0.84	2011 Q2	5.49	2016 Q3	2.22	2021 Q	4 6

FUND SIZE ≤ \$100mm

AS OF DECEMBER 31, 2021

FUND INDEX DETAILS: HORIZON POOLED RETURN

	MULTI-YEAR RETURNS
YEARS	HORIZON RETURN (%)
1 Year	45.02
2 Years	27.66
3 Years	22.76
4 Years	20.17
5 Years	16.96
6 Years	14.91
7 Years	13.11
8 Years	12.10
9 Years	13.17
10 Years	12.28
11 Years	11.58
12 Years	12.31
13 Years	12.11
14 Years	11.48
15 Years	12.05
16 Years	12.67
17 Years	12.61
18 Years	12.24
19 Years	12.01
20 Years	11.84

ONE YEAR ROLLING RETURNS				
ONE YEAR ENDED	HORIZON RETURN (%)			
12/31/2021	45.02			
12/31/2020	11.94			
12/31/2019	12.89			
12/31/2018	11.90			
12/31/2017	3.87			
12/31/2016	4.82			
12/31/2015	2.53			
12/31/2014	5.08			
12/31/2013	22.07			
12/31/2012	4.75			
12/31/2011	4.41			
12/31/2010	21.47			
12/31/2009	9.29			
12/31/2008	0.54			
12/31/2007	28.37			
12/31/2006	37.50			
12/31/2005	9.98			
12/31/2004	-12.24			
12/31/2003	-11.41			
12/31/2002	-17.30			

FUND SIZE > \$100mm

AS OF DECEMBER 31, 2021

FUND INDEX DETAILS: ONE QUARTER HORIZON POOLED RETURN

HORIZON RETURN	QUARTER ENDING
_	2001 Q4
_	2002 Q1
_	2002 Q2
_	2002 Q3
_	2002 Q4
_	2003 Q1
_	2003 Q2
_	2003 Q3
_	2003 Q4
_	2004 Q1
_	2004 Q2
_	2004 Q3
_	2004 Q4
_	2005 Q1
_	2005 Q2
_	2005 Q3
_	2005 Q4
_	2006 Q1
_	2006 Q2
3.50	2006 Q3
34.94	2006 Q4

HORIZON RETURN	QUARTER ENDING
-0.06	2007 Q1
14.11	2007 Q2
0.67	2007 Q3
14.92	2007 Q4
10.76	2008 Q1
-3.82	2008 Q2
-13.49	2008 Q3
-12.47	2008 Q4
-5.99	2009 Q1
3.47	2009 Q2
4.97	2009 Q3
-3.83	2009 Q4
-4.97	2010 Q1
-7.86	2010 Q2
7.44	2010 Q3
0.85	2010 Q4
-2.47	2011 Q1
0.34	2011 Q2
-6.52	2011 Q3
7.73	2011 Q4
2.66	2012 Q1

QUARTER ENDING	HORIZON RETURN
2012 Q2	1.13
2012 Q3	3.43
2012 Q4	4.70
2013 Q1	2.28
2013 Q2	2.00
2013 Q3	4.63
2013 Q4	6.88
2014 Q1	1.88
2014 Q2	3.59
2014 Q3	-0.32
2014 Q4	-0.11
2015 Q1	-2.32
2015 Q2	2.69
2015 Q3	-3.00
2015 Q4	1.24
2016 Q1	0.55
2016 Q2	-0.70
2016 Q3	1.86
2016 Q4	2.93
2017 Q1	2.68
2017 Q2	3.36

QUARTER ENDING	HORIZON RETURN
2017 Q3	2.13
2017 Q4	4.31
2018 Q1	1.67
2018 Q2	1.83
2018 Q3	0.62
2018 Q4	1.93
2019 Q1	1.65
2019 Q2	3.58
2019 Q3	0.34
2019 Q4	3.93
2020 Q1	-7.54
2020 Q2	5.48
2020 Q3	5.79
2020 Q4	9.21
2021 Q1	5.07
2021 Q2	9.46
2021 Q3	7.03
2021 Q4	5.36

FUND SIZE > \$100mm

AS OF DECEMBER 31, 2021

FUND INDEX DETAILS: HORIZON POOLED RETURN

	MULTI-YEAR RETURNS
YEARS	HORIZON RETURN (%)
1 Year	29.67
2 Years	21.81
3 Years	18.15
4 Years	15.67
5 Years	15.28
6 Years	13.99
7 Years	12.41
8 Years	11.78
9 Years	12.12
10 Years	12.15
11 Years	11.59
12 Years	11.06
13 Years	10.72
14 Years	9.97
15 Years	10.27
16 Years	10.44
17 Years	10.39
18 Years	11.18
19 Years	11.06
20 Years	10.97

10	NE YEAR ROLLING RETURNS
ONE YEAR ENDED	HORIZON RETURN (%)
12/31/2021	29.67
12/31/2020	13.31
12/31/2019	9.86
12/31/2018	6.19
12/31/2017	13.10
12/31/2016	4.83
12/31/2015	-1.41
12/31/2014	4.92
12/31/2013	16.92
12/31/2012	12.71
12/31/2011	-0.51
12/31/2010	-4.73
12/31/2009	-1.74
12/31/2008	-21.62
12/31/2007	34.87
12/31/2006	32.35
12/31/2005	6.50
12/31/2004	113.21
12/31/2003	-5.74
12/31/2002	-3.76

PE/VC IMPACT INVESTING: FUND SINCE INCEPTION ANALYSIS





ALL MARKETS

AS OF DECEMBER 31, 2021

SINCE INCEPTION IRR & MULTIPLES BY FUND VINTAGE YEAR

VINTAGE YEAR	POOLED RETURN (%)	ARITHMETIC MEAN (%)	MEDIAN (%)	EQUAL-WEIGHTED POOLED RETURN (%)	UPPER QUARTILE (%)	LOWER QUARTILE (%)	STANDARD DEVIATION (%)	DPI	RVPI	TVPI	NUMBER OF FUNDS
1998-2001	15.94	10.38	9.23	8.37	_	_	_	1.70	0.00	1.70	5
2002-2004	16.39	13.71	10.74	14.84	_	_	_	2.35	0.08	2.43	5
2005-2007	0.63	0.50	0.95	1.30	4.18	-4.13	9.83	0.66	0.40	1.05	15
2008-2010	5.47	4.38	5.36	5.71	7.29	1.58	7.18	0.70	0.78	1.48	17
2011-2013	9.85	7.73	9.09	10.95	13.38	-1.09	11.93	0.35	1.25	1.60	15
2014-2016	21.08	22.69	22.54	21.90	30.12	14.05	16.46	0.33	1.59	1.92	30
2017-2020	36.36	37.12	28.87	44.19	47.85	8.10	54.14	0.02	1.45	1.47	36
1998-2020	11.02	18.99	11.31	10.70	27.66	2.25	33.69	0.39	1.22	1.61	123

ALL MARKETS

AS OF DECEMBER 31, 2021

SINCE INCEPTION IRR & MULTIPLES BY FUND VINTAGE YEAR & GEOGRAPHY

DEVELOPED N	MARKETS FUNDS										
VINTAGE YEAR	POOLED RETURN (%)	ARITHMETIC MEAN (%)	MEDIAN (%)	EQUAL-WEIGHTED POOLED RETURN (%)	UPPER QUARTILE (%)	LOWER QUARTILE (%)	STANDARD DEVIATION (%)	DPI	RVPI	TVPI	NUMBER OF FUNDS
1998-2001	_	_	_	_	_	_	_	_	_	_	1
2002-2004	18.13	14.65	_	16.30	_	_	_	2.60	0.12	2.72	3
2005-2007	0.87	2.44	3.30	2.92	_	_	_	0.81	0.25	1.06	6
2008-2010	8.53	8.22	7.57	9.75	_	_	_	0.63	1.24	1.87	6
2011-2013	11.34	14.75	15.44	17.20	_	_	_	1.03	0.67	1.70	5
2014-2016	21.08	22.69	22.54	21.90	30.12	14.05	16.46	0.33	1.59	1.92	30
2017-2020	36.02	37.35	28.87	42.49	44.67	11.05	55.03	0.02	1.43	1.45	34
1998-2020	16.32	25.06	20.92	14.13	32.14	6.26	37.84	0.28	1.40	1.68	85

EMERGING M	ARKETS FUNDS										
VINTAGE YEAR	POOLED RETURN (%)	ARITHMETIC MEAN (%)	MEDIAN (%)	EQUAL-WEIGHTED POOLED RETURN (%)	UPPER QUARTILE (%)	LOWER QUARTILE (%)	STANDARD DEVIATION (%)	DPI	RVPI	TVPI	NUMBER OF FUNDS
1998-2001	17.05	13.54	_	11.46	_	_	_	1.74	0.00	1.74	4
2002-2004		_	_	_	_	_	_	_		_	0
2005-2007	0.52	-0.79	0.70	0.00	1.10	-8.35	12.06	0.56	0.49	1.05	9
2008-2010	4.97	2.29	2.70	3.03	7.04	1.03	6.00	0.71	0.72	1.42	11
2011-2013	9.44	4.23	2.04	6.92	10.12	-4.75	12.31	0.18	1.39	1.57	10
2014-2016	_	_	_		_	_	_	_	_	_	0
2017-2020	_	_	_	_	_	_	_	_	_	_	0
1998-2020	6.40	5.41	3.30	5.63	9.20	-2.60	14.75	0.60	0.87	1.47	38

EMERGING MA	ARKETS EX AFRICA	FUNDS									
VINTAGE YEAR	POOLED RETURN (%)	ARITHMETIC MEAN (%)	MEDIAN (%)	EQUAL-WEIGHTED POOLED RETURN (%)	UPPER QUARTILE (%)	LOWER QUARTILE (%)	STANDARD DEVIATION (%)	DPI	RVPI	TVPI	NUMBER OF FUNDS
1998-2001	_	_	_	_	_	_	_	_	_	_	2
2002-2004	_	_	_	_	_	_	_	_	_	<u>—</u> ,	1
2005-2007	3.70	0.63	-0.96	0.67	_	_	_	1.10	0.07	1.17	6
2008-2010	1.89	1.71	2.04	2.10	_	_	_	0.69	0.44	1.13	6
2011-2013	10.44	4.86	2.04	7.80	10.67	-3.27	13.30	0.26	1.36	1.63	8
2014-2016	_	_	_	_	_	_	_	_	_		0
2017-2020	_	_	_	_	_	_	_	_	_	_	1
1998-2020	7.74	6.78	3.19	6.07	10.67	-2.06	17.36	0.50	1.01	1.51	24

ALL MARKETS

AS OF DECEMBER 31, 2021

SINCE INCEPTION IRR & MULTIPLES BY FUND VINTAGE YEAR & FUND SIZE

FUND SIZE <=	\$100mm										
VINTAGE YEAR	POOLED RETURN (%)	ARITHMETIC MEAN (%)	MEDIAN (%)	EQUAL-WEIGHTED POOLED RETURN (%)	UPPER QUARTILE (%)	LOWER QUARTILE (%)	STANDARD DEVIATION (%)	DPI	RVPI	TVPI	NUMBER OF FUNDS
1998-2001	6.51	8.23	_	6.97	_	_	_	1.58	0.01	1.59	4
2002-2004	16.39	13.71	10.74	14.84	_	_	_	2.35	0.08	2.43	5
2005-2007	4.07	2.16	2.42	2.69	6.88	-2.78	11.12	1.03	0.25	1.28	10
2008-2010	5.45	4.89	4.33	6.33	7.06	1.58	8.12	0.74	0.72	1.46	9
2011-2013	11.05	7.52	6.90	11.45	15.46	-2.77	13.41	0.68	1.07	1.74	12
2014-2016	21.86	19.30	22.35	20.42	24.51	4.70	16.74	0.39	1.72	2.10	13
2017-2019	47.48	42.16	28.05	48.67	41.54	10.02	78.58	0.11	1.84	1.95	13
1998-2019	11.72	16.00	9.68	10.45	23.55	1.11	38.16	0.75	1.06	1.81	66
FUND SIZE > \$	100mm										
VINTAGE YEAR	POOLED	ARITHMETIC		EQUAL-WEIGHTED	UPPER	LOWER	STANDARD				
YEAR	RETURN (%)	MEAN (%)	MEDIAN (%)	POOLED RETURN (%)	QUARTILE (%)	QUARTILE (%)	DEVIATION (%)	DPI	RVPI	TVPI	NUMBER OF FUNDS
1998-2001		MEAN		POOLED RETURN	QUARTILE	QUARTILE	DEVIATION	DPI	RVPI	TVPI	
	(%)	MEAN (%)	(%)	POOLED RETURN (%)	QUARTILE (%)	QUARTILE (%)	DEVIATION (%)				OF FUNDS
1998-2001	(%)	MEAN (%)	(%) —	POOLED RETURN (%)	QUARTILE (%)	QUARTILE (%)	DEVIATION (%)	_	-	_	OF FUNDS
1998-2001 2002-2004	(%) _ _	MEAN (%) —	(%) 	POOLED RETURN (%) —	QUARTILE (%)	QUARTILE (%)	DEVIATION (%)	_ _	_ _	_ _	OF FUNDS 1 0
1998-2001 2002-2004 2005-2007	(%) - - -0.12	MEAN (%) 2.83	(%) — — — 0.70	POOLED RETURN (%) 1.25	QUARTILE (%)	QUARTILE (%) —	DEVIATION (%)	— — 0.55	 0.44	 0.99	0 5
1998-2001 2002-2004 2005-2007 2008-2010	(%) — — — — — 5.48		(%) — — 0.70 6.19	POOLED RETURN (%)	QUARTILE (%) 7.53	QUARTILE (%) 2.15	DEVIATION (%) 6.46				0 0 5 8
1998-2001 2002-2004 2005-2007 2008-2010 2011-2013	(%)0.12 5.48 9.23	MEAN (%) 2.83 3.81 8.61	(%) — — 0.70 6.19 —	POOLED RETURN (%)	QUARTILE (%) 7.53	QUARTILE (%) 2.15	DEVIATION (%) 6.46		- 0.44 0.79 1.32		0 5 8 3

DESCRIPTION OF PERFORMANCE MEASUREMENT METHODOLOGY

AS OF DECEMBER 31, 2021

Cambridge Associates LLC (CA) has established a database to monitor investments made by venture capital and other alternative asset partnerships. On December 31, 2021, 126 impact investing funds from the years 1998 through 2021 were included in the sample. Users of the analysis may find the following description of the data sources and calculation techniques helpful to their interpretation of information presented in the report:

Partnership financial statements and narratives are the primary source of information concerning cash flows and ending residual/net asset values (NAV) for both partnerships and portfolio company investments.

Recognizing the alternative asset community's sensitivity to the distribution of information pertaining to individual fund investments, as a matter of policy CA only releases aggregated figures in its benchmark report.

Vintage year is defined as the legal inception date as noted in a fund's financial statement. This date can usually be found in the first note to the audited financial statements and is prior to the first close or capital call.

CA uses both the since inception internal rate of return and the end-to-end or horizon performance calculation in its benchmark reports:

The since inception internal rate of return (SIRR) is a since inception calculation that solves for the discount rate, which makes the net present value of an investment equal to zero. The calculation is based on cash-on-cash returns over equal periods modified for the residual value of the partnership's equity or portfolio company's NAV. The residual value attributed to each respective group being measured is incorporated as its ending value. Transactions are accounted for on a quarterly basis, and annualized values are used for reporting purposes. Please note that all transactions are recorded on the 45th day or midpoint of the quarter.

Cambridge Associates uses the end-to-end or horizon internal rate of return calculation to calculate the official quarterly, annual, and multi-year index figures. The horizon IRR performance calculation is a money-weighted return similar to the since inception IRR; however, it is measuring performance between two points in time. The calculation incorporates the beginning NAV (if any, treated as an inflow), interim cash flows and the ending NAV (if any, treated as an outflow). All interim cash flows are recorded on the mid-period date of the quarter. In order for a fund to be included in a horizon IRR calculation, the fund must have at least one quarterly contribution, distribution or NAV during the time frame being measured. Similar to the since inception IRR, the horizon IRR is annualized for time frames greater than one year.

DESCRIPTION OF PERFORMANCE MEASUREMENT METHODOLOGY

AS OF DECEMBER 31, 2021

Additional Calculation Definitions:

In order to provide meaningful statistics, Cambridge Associates has applied minimum fund count thresholds for each calculation. See minimum counts in parenthesis after each calculation.

Pooled return aggregates all cash flows and ending NAVs in a sample to calculate a dollar-weighted return. (minimum 3 funds)

Arithmetic mean averages the individual fund IRRs included in a vintage year. (minimum 3 funds)

Median is the middle fund IRR of the group of individual fund IRRs included in a vintage year. (minimum 5 funds)

Equal-weighted pooled return equally weights all cash flows and ending NAVs based on committed capital to calculate a dollar-weighted return. (minimum 3 funds)

Upper/ lower quartile are the thresholds for the upper (top 25%) and lower (bottom 25%) quartiles based on the individual fund IRRs included in a vintage year. Can be used in conjunction with the median to determine quartile placement. (minimum 8 funds)

Standard deviation is a measure of the dispersion of the individual returns. The calculation employs the standard methodology for calculating a sample mean (not a population mean). (minimum 8 funds)

Total Value to Paid-In Ratio (TVPI) is a ratio of the current value of remaining investments within a fund plus the total value of all distributions to date, to the total amount of capital paid-in to date.

Distribution to Paid-In Ratio (DPI) is a ratio of total capital returned to investors to the capital paid-in, both to date.

Residual Value to Paid-In Ratio (RVPI) is a ratio of the current value of all remaining investments within a fund, to the total contributions to date.



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