

Composite: US Credit Fixed Income Benchmark: Barclays US Credit Index Base currency: USD (reported in USD)

Gross returns as of: 31-Dec-23

Period	Composite return gross (%)	Composite return net (%)	Benchmark return (%)	Composite standard deviation (%)	Benchmark standard deviation (%)	Number of portfolios (*throughout period)	Dispersion (%)	Market value at end of period	Percentage of firm assets (%)	Total firm assets (legacy history)
3 Months	8.42	8.31	8.15	N/A	N/A	<=5 (<=5)	N/A	138,195,377	N/A	N/A
Year to date	9.08	8.66	8.18	N/A	N/A	<=5 (<=5)	N/A	138,195,377	N/A	N/A
1 Year	9.08	8.66	8.18	N/A	N/A	<=5 (<=5)	N/A	138,195,377	N/A	N/A
2 Years p.a.	-4.04	-4.39	-4.25	N/A	N/A	<=5 (<=5)	N/A	138,195,377	N/A	N/A
3 Years p.a.	-2.99	-3.34	-3.21	9.20	8.75	<=5 (<=5)	N/A	138,195,377	N/A	N/A
4 Years p.a.	0.56	0.20	-0.21	9.63	9.06	<=5 (<=5)	N/A	138,195,377	N/A	N/A
5 Years p.a.	3.23	2.86	2.45	8.90	8.41	<=5 (<=5)	N/A	138,195,377	N/A	N/A
7 Years p.a.	3.00	2.64	2.30	7.67	7.26	<=5 (<=5)	N/A	138,195,377	N/A	N/A
10 Years p.a.	3.59	3.22	2.83	6.81	6.46	<=5 (<=5)	N/A	138,195,377	N/A	N/A
Since inception p.a.	4.67	4.31	3.70	6.18	5.88	<=5 (<=5)	N/A	138,195,377	N/A	N/A
2023	9.08	8.66	8.18	9.20	8.75	<=5 (<=5)	N/A	138,195,377	N/A	N/A
2022	-15.59	-15.88	-15.26	9.41	8.80	<=5 (<=5)	N/A	171,293,217	0.04	427,856,340,835
2021	-0.85	-1.19	-1.08	6.92	6.49	<=5 (<=5)	N/A	237,277,876	0.04	599,611,223,443
2020	11.99	11.60	9.35	6.82	6.41	<=5 (<=5)	N/A	209,077,444	0.03	601,184,070,867
2019	14.63	14.23	13.80	3.53	3.48	<=5 (<=5)	N/A	168,611,799	0.03	599,561,039,999
2018	-2.29	-2.63	-2.11	3.71	3.52	<=5 (<=5)	N/A	168,251,937	0.03	606,245,078,792
2017	7.41	7.04	6.18	3.90	3.72	<=5 (<=5)	N/A	124,179,587	0.03	370,088,382,260
2016	6.84	6.47	5.63	4.13	4.00	<=5 (<=5)	N/A	105,163,879	0.03	338,134,038,404
2015	-0.16	-0.51	-0.77	4.05	4.06	<=5 (<=5)	N/A	94,629,534	0.02	383,382,349,203
2014	8.38	8.00	7.53	3.98	3.94	<=5 (<=5)	N/A	108,514,604	0.02	460,247,164,576

Composite inception: 01-Nov-09

N.B. Where a calendar year return is shown the annualised standard deviation presented is of 36 monthly returns to the calendar year end.

Composite Disclosures

As of: 31-Dec-23

US Credit Fixed Income

Definition of the Firm

Composite Returns - Key Periods



Composite Disclosures

As of: 31-Dec-23

US Credit Fixed Income

abrdn (or "the Firm") is defined as all portfolios managed globally by the asset management entities of abrdn plc excluding Private Markets, abrdn Capital and Lloyds Syndicate portfolios. The Firm inception date is 1st January 2018; and includes track records that either were, or were part of, legacy compliant firms, some of which are compliant from earlier dates: Aberdeen Asset Management plc (compliant from 1st January 1996); Standard Life Investments (compliant from 1st January 1996); and Aberdeen Property (compliant from 1st January 2013). Composite returns, start date and composite and firm assets reported prior to acquisitions represent those of the legacy firm which managed the product at the time. Changes in the firm organisation, investment style or personnel have not caused alterations of historical composite performance. Compliant Presentations produced during the period between the annual period end and the date of release to the market of abrdn's financial results will not contain the Firm assets or % of Firm assets for that annual period end. The total Firm assets is material non-public information before the official results release date and to release it in GIPS Compliant Presentations would be against the law: and where laws and/or regulations conflict with the GIPS standards, firms are required to comply with the laws and regulations and make full disclosure of the conflict in the compliant presentation. GIPS® is a registered trademark of CFA Institute. CFA Institute does not endorse or promote this organisation, nor does it warrant the accuracy or quality of the content contained herein.

GIPS compliance

abrdn claims compliance with the Global Investment Performance Standards (GIPS®) and has prepared and presented this report in compliance with the GIPS standards. abrdn has been independently verified for the periods to 31st December 2020. The verification report(s) is/are available upon request. A firm that claims compliance with the GIPS standards must establish policies and procedures for complying with all the applicable requirements of the GIPS standards. Verification provides assurance on whether the firm's policies and procedures related to composite and pooled fund maintenance, as well as the calculation, presentation, and distribution of performance, have been designed in compliance with the GIPS standards and have been implemented on a firm-wide basis. Verification does not provide assurance on the accuracy of any specific performance report. The effective date of compliance is 1st January 1996. The inception date of the composite is 31/10/2009 and it was created on 28/03/2011. Policies for valuing investments, calculating performance, and preparing GIPS Reports are available upon request. Available on request are a list of composite descriptions and details of Limited and Broad distribution pooled funds.

Composite Description

This composite comprises all discretionary portfolios managed to the firm's US Credit Fixed Income strategy, which seeks to outperform the Bloomberg US Credit Index. The principal investments are US dollar denominated investment grade corporate and municipal securities.

Composite methodology

Returns are time-weighted total rates of return including cash and cash equivalents, income and realised and unrealised gains and losses. Returns are shown net of non-recoverable tax, whilst recoverable tax is included on a cash basis. Composites results are weighted by individual portfolio size, using start of period market values. Annual returns are calculated using geometric linking of monthly returns. Exchange rates used are WMR 16:00 Closing Spot Rates. Composites may contain portfolios of different base currencies, translated into a common currency for composite returns using the exchange rates stated above. A fund becomes eligible for inclusion the first full calendar month after funding. Inclusion may be deferred in cases where it has not been possible to implement the investment strategy. Terminated funds leave composites at the end of the calendar month before official notification of termination is received. Results include all discretionary, fee paying accounts of the Firm.

The dispersion of annual returns is measured by the range of the portfolio returns represented within the composite for the full period. Dispersion is not calculated for composites with less than five accounts for the whole period. Additional information on policies for calculating and reporting returns is available on request.

Composite Returns - Key Periods



Composite Disclosures							
As of: 31-Dec-23							
US Credit Fixed Income							

Gross returns are presented before management, performance, custodial and other fees but after all trading expenses. Net returns are calculated after the deduction of a representative management fee. Risk Statistics are presented gross of fees.

Primary index name

Barclays US Credit Index.

Representative Fee Description

The Composite Representative Fee is 0.4%. A pooled fund following this strategy has a highest institutional investment management fee of 0.4% and an OCF (TER) of 0.52%. A segregated account following this strategy has a highest investment management fee of 0.28%. The fee prior to 1st April 2023 was 0.35%.

Derivative instruments

The composite may invest in interest rate and currency futures, options and swaps for efficient portfolio management. Derivatives are not used to leverage the portfolios.

Past performance is not an indication of future results.

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Prior to 31st January 2013 known as U.S. Credit Composite



Composite: US Credit Fixed Income Benchmark: Barclays US Credit Index

As at: 31-Dec-23

Base currency: USD (reported in USD)

Dec 23						
Nov 23	Period					
Oct 23 -1.89 1.92 -1.78 <=5	Dec 23	4.38	4.34	4.19	<=5	138,195,377
Sep 23 -2.61 -2.64 -2.60 -e5 130,38,003 Aug 23 0.72 0.76 0.72 -e5 135,278,219 Jul 23 0.41 0.37 0.31 -e5 137,430,739 Jun 23 0.30 0.27 0.31 -e5 110,733,210 May 23 -1.36 -1.40 -1.39 -e5 160,550,951 Apr 23 0.70 0.66 0.79 -e5 160,550,951 Feb 23 3.20 3.23 3.01 -e5 159,954,502 Feb 23 4.06 4.03 3.81 -e5 159,954,502 Dec 22 -6.61 -0.64 -0.43 -e5 171,286,823 Jun 22 5.23 5.20 4.97 -e5 171,288,744 Nov 22 5.23 5.20 4.97 -e5 164,884,651 Aug 22 -1.06 -1.09 -1.03 -e5 164,884,651 Aug 22 -1.06 -1.09 -1.03 -e5	Nov 23	5.87	5.84	5.68	<=5	131,659,761
Aug 23 -0.72 -0.76 -0.72 -e.5 135,778,219 Jul 23 0.41 0.37 0.31 -e.5 137,483,210 May 23 -1.36 -1.40 -1.39 -e.5 150,573,173 Apr 23 3.28 3.25 2.74 -e.5 150,550,955 Mar 23 3.28 3.25 2.74 -e.5 159,954,120 Feb 23 -3.20 -3.23 -3.01 -e.5 151,456,53 Jan 23 4.06 4.03 3.81 -e.5 171,992,19 Nov 22 5.23 5.20 4.97 -e.5 171,289,43 May 22 -1.06 -1.09 -1.03 -e.5 171,289,43 May 22 -1.51 -5.13 -5.07 -e.5 197,860,78 Aug 22 -3.24 -2.83 -e.5 179,860,78 Jul 22 -3.66 -2.09 -6 -2.61 -e.5 189,838,72 Jul 24 -3.67 -3.26 -2.61 <t></t>	Oct 23	-1.89	-1.92	-1.78	<=5	123,118,317
Jul 23	Sep 23	-2.61	-2.64	-2.60	<=5	130,338,903
Jun 23	Aug 23	-0.72	-0.76	-0.72	<=5	135,278,219
May 23	Jul 23	0.41	0.37	0.31	<=5	137,430,739
Apr 23 0.70 0.66 0.79 <-5 160,550,955 Mar 23 3.28 3.25 2.74 <-5	Jun 23	0.30	0.27	0.31	<=5	137,183,210
Mar 23 3.28 3.25 2.74 <=5 159,954,120 Feb 23 -3.20 -3.23 -3.01 <=5	May 23	-1.36	-1.40	-1.39	<=5	150,573,173
Feb 23	Apr 23	0.70	0.66	0.79	<=5	160,550,955
Jan 23	Mar 23	3.28	3.25	2.74	<=5	159,954,120
Dec 22 -0.61 -0.64 -0.43 <-5	Feb 23	-3.20	-3.23	-3.01	<=5	154,265,823
Nov 22 5.23 5.20 4.97 <.55 171,288,434 Oct 22 1.06 1.09 1.03 <.55 160,997,074 Sep 22 5.510 5.513 5.507 <.55 160,854,651 Aug 22 3.22 3.24 2.83 Sep 51 179,860,578 Jul 22 3.47 3.44 3.04 3.55 187,514,602 Jun 22 2.62 2.65 2.65 2.61 Sep 51 189,828,272 May 22 0.94 0.91 0.89 Sep 51 197,082,336 Apr 22 5.40 5.40 5.43 5.24 Sep 52 197,083,30318 Feb 22 2.06 Sep 52 3.25 3.25 Sep 52 3.25 Sep 51 1.01 1.01 1.04 Sep 51 1.01 1.04 Sep 51 1.01 1.04 Sep 51 1.01 1.02 Sep 51 1.01 1.03 Sep 51 1.01 1.04 Sep 51 1.01 1.03 Sep 51 1.01 1.04 Sep 51 1.01 1 1.01 Sep 51 1.01 1 1.0	Jan 23	4.06	4.03	3.81	<=5	179,001,995
Oct 22 -1.06 -1.09 -1.03 <=5 160,997,074 Sep 22 -5.10 -5.13 -5.07 <=5 164,854,651 Jul 22 -3.22 -3.24 -2.83 <=5 179,860,578 Jul 22 3.47 3.44 3.04 <=5 187,514,602 Jun 22 -2.62 -2.65 -2.61 <=5 189,828,772 May 22 0.94 0.91 0.89 <=5 197,602,336 Apr 22 -5.40 -5.43 -5.24 <=5 197,610,564 Mar 22 -2.64 -2.66 -2.51 <=5 203,303,18 Jan 22 -3.25 -3.28 -3.21 <=5 228,877,811 Dec 21 -0.08 -0.11 -0.08 <=5 227,277,876 Oct 21 -0.29 -0.27 -0.22 <=5 245,639,679 Oct 21 -0.29 -0.27 -0.24 <=5 224,549,739 Jul 21 -1.01 -1.04 -1.07	Dec 22	-0.61	-0.64	-0.43	<=5	171,293,217
Sep 22 5.10 -5.13 -5.07 <=5 164,854,651 Aug 22 -3.22 -3.24 -2.83 <=5	Nov 22	5.23	5.20	4.97	<=5	171,288,434
Aug 22 3.22 -3.24 -2.83 <=5	Oct 22		-1.09		<=5	160,997,074
Jul 12	Sep 22		-5.13		<=5	164,854,651
Jun 22	Aug 22				<=5	179,860,578
May 22 0.94 0.91 0.89 <=5 197,082,336 Apr 22 5.40 -5.43 5.24 <=5					<=5	187,514,602
Apr 22 -5.40 -5.43 -5.24 <=5						
Mar 22 -2.64 -2.66 -2.51 <=5 204,330,318 Feb 22 -2.01 -2.03 -1.89 <=5						
Feb 22 -2.01 -2.03 -1.89 <=5 218,005,133 Jan 22 -3.25 -3.28 -3.21 <=5 228,877,811 Dec 21 -0.08 -0.11 -0.08 <=5 223,7277,876 Nov 21 0.02 -0.01 0.08 <=5 245,309,679 Oct 21 0.29 0.27 0.22 <=5 246,635,758 Sep 21 -1.01 -1.04 -1.07 <=5 222,497,239 Aug 21 -0.24 -0.27 -0.24 <=5 215,743,145 Jul 21 1.30 1.27 1.30 <=5 216,772,093 Jul 21 1.66 1.63 1.50 <=5 214,712,093 May 21 0.78 0.75 0.72 <=5 209,152,620 Apr 21 1.11 1.08 1.06 <=5 207,882,117 Mar 21 -1.19 -1.22 -1.59 <=5 205,990,164 Feb 21 -2.17 -2.20 -1.74 <=						
Jan 22						
Dec 21 -0.08 -0.11 -0.08 <=5 237,277,876 Nov 21 0.02 -0.01 0.08 <=5 245,309,679 Oct 21 0.29 0.27 0.22 <=5 246,635,758 Sep 21 -1.01 -1.04 -1.07 <=5 222,497,239 Aug 21 -0.24 -0.27 -0.24 <=5 215,543,145 Jul 21 1.30 1.27 1.30 <=5 216,772,093 Jun 21 1.66 1.63 1.50 <=5 214,198,298 May 21 0.78 0.75 0.72 <=5 209,152,620 Apr 21 1.11 1.08 1.06 <=5 207,882,117 Mar 21 -1.19 -1.22 -1.59 <=5 205,990,164 Feb 21 -2.17 -2.20 -1.74 <=5 205,990,164 Feb 21 -2.17 -2.20 -1.74 <=5 205,990,164 Feb 21 -2.14 -2.17 -1.19 <=5						
Nov 21 0.02 -0.01 0.08 <=5 245,309,679 Oct 21 0.29 0.27 0.22 <=5						
Oct 21 0.29 0.27 0.22 <=5 246,635,758 Sep 21 -1.01 -1.04 -1.07 <=5 222,497,239 Aug 21 -0.24 -2.5 222,497,239 Aug 21 -0.24 <=5 215,543,145 Jul 21 1.30 1.27 0.24 <=5 215,743,145 Jul 21 1.30 <=5 216,772,093 Jul 21 1.30 <=5 214,198,298 May 21 0.78 0.75 0.72 <=5 209,152,620 Apr 21 1.11 1.08 1.06 <=5 209,152,620 Apr 21 1.12 1.12 1.159 <=5 207,882,119 Apr 21 1.12 1.12 1.12 1.159 <=5 207,991,648,190 Apr 21 1.24 1.127						
Sep 21 -1.01 -1.04 -1.07 <=5 222,497,239 Aug 21 -0.24 -0.27 -0.24 <=5 215,543,145 Jul 21 1.30 1.27 1.30 <=5 216,772,093 Jun 21 1.66 1.63 1.50 <=5 214,198,298 May 21 0.78 0.75 0.72 <=5 209,152,620 Apr 21 1.11 1.08 1.06 <=5 207,882,117 Mar 21 -1.19 -1.22 -1.59 <=5 209,548,101 Feb 21 -2.17 -2.20 -1.74 <=5 209,548,190 Jan 21 -1.24 -1.27 -1.19 <=5 214,486,501 Dec 20 0.50 0.47 0.46 <=5 209,077,444 Nov 20 2.85 2.82 2.55 <=5 176,462,811 Oct 20 -0.15 -0.18 -0.22 <=5 172,105,622 Sep 20 -0.36 -0.39 -0.27 <=5<						
Aug 21 -0.24 -0.27 -0.24 <-5 215,543,145 Jul 21 1.30 1.27 1.30 <-5						
Jul 21 1.30 1.27 1.30 <=5 216,772,093 Jun 21 1.66 1.63 1.50 <=5 214,198,298 May 21 0.78 0.75 0.72 <=5 209,152,620 Apr 21 1.11 1.08 1.06 <=5 209,582,117 Mar 21 -1.19 -1.22 -1.59 <=5 205,990,164 Feb 21 -2.17 -2.20 -1.74 <=5 209,548,190 Jan 21 -1.24 -1.27 -1.19 <=5 214,486,501 Dec 20 0.50 0.47 0.46 <=5 209,077,444 Nov 20 2.85 2.82 2.55 <=5 176,462,811 Oct 20 -0.15 -0.18 -0.22 <=5 176,462,811 Oct 20 -0.36 -0.39 -0.27 <=5 173,645,515 Aug 20 -0.36 -0.39 -0.27 <=5 183,731,166 Jun 20 3.35 3.32 3.08 <=5 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
Jun 21 1.66 1.63 1.50 <=5 214,198,298 May 21 0.78 0.75 0.72 <=5						
May 21 0.78 0.75 0.72 <=5 209,152,620 Apr 21 1.11 1.08 1.06 <=5						
Apr 21 1.11 1.08 1.06 <=5						
Mar 21 -1.19 -1.22 -1.59 <=5 205,990,164 Feb 21 -2.17 -2.20 -1.74 <=5						
Feb 21 -2.17 -2.20 -1.74 <=5 209,548,190 Jan 21 -1.24 -1.27 -1.19 <=5						
Jan 21 -1.24 -1.27 -1.19 <=5 214,486,501 Dec 20 0.50 0.47 0.46 <=5						
Dec 20 0.50 0.47 0.46 <=5 209,077,444 Nov 20 2.85 2.82 2.55 <=5						
Nov 20 2.85 2.82 2.55 <=5 176,462,811 Oct 20 -0.15 -0.18 -0.22 <=5						
Oct 20 -0.15 -0.18 -0.22 <=5 172,105,622 Sep 20 -0.36 -0.39 -0.27 <=5 173,645,515 Aug 20 -1.06 -1.09 -1.27 <=5 180,211,510 Jul 20 3.35 3.32 3.08 <=5 183,731,166 Jun 20 2.11 2.08 1.83 <=5 173,983,671 May 20 2.00 1.97 1.63 <=5 167,030,462 Apr 20 5.81 5.78 4.58 <=5 163,884,344 Mar 20 -6.74 -6.77 -6.63 <=5 153,141,033 Feb 20 1.28 1.25 1.36 <=5 165,616,618 Jan 20 2.30 2.27 2.34 <=5 171,810,607 Dec 19 0.37 0.34 0.29 <=5 168,611,799 Nov 19 0.18 0.15 0.19 <=5 173,271,872						
Sep 20 -0.36 -0.39 -0.27 <=5 173,645,515 Aug 20 -1.06 -1.09 -1.27 <=5						
Aug 20 -1.06 -1.09 -1.27 <=5 180,211,510 Jul 20 3.35 3.32 3.08 <=5						
Jul 20 3.35 3.32 3.08 <=5						
Jun 20 2.11 2.08 1.83 <=5						
May 20 2.00 1.97 1.63 <=5 167,030,462 Apr 20 5.81 5.78 4.58 <=5						
Apr 20 5.81 5.78 4.58 <=5						
Mar 20 -6.74 -6.77 -6.63 <=5 153,141,033 Feb 20 1.28 1.25 1.36 <=5						
Feb 20 1.28 1.25 1.36 <=5						
Jan 20 2.30 2.27 2.34 <=5						
Dec 19 0.37 0.34 0.29 <=5 168,611,799 Nov 19 0.18 0.15 0.19 <=5						
Nov 19 0.18 0.15 0.19 <=5 173,271,872						
	Oct 19	0.56	0.53	0.57	<=5	



Aug 19	Period	Composite return gross (%)	Composite return net (%)	Benchmark return (%)	Number of portfolios	Market value at end of period
Jul 19	Sep 19	-0.54	-0.57	-0.65	<=5	173,819,580
Jun 19	Aug 19	2.99	2.96	3.13	<=5	175,340,425
May 19	Jul 19	0.70	0.67	0.52	<=5	169,170,189
Apr 19	Jun 19	2.52	2.49		<=5	180,880,373
Mar 19						176,902,353
Feb 19						175,482,832
Jan 19						174,893,432
Dec 18 1.30 1.27 1.50 <=5						171,403,142
Nov 18						171,449,673
Oct 18 -1.44 -1.47 -1.40 <=5						168,251,937
Sep 18 -0.20 -0.23 -0.34 <=5						
Aug 18						
Jul 18						
Jun 18						
May 18 0.46 0.43 0.50 <-5 182,3829 Apr 18 0.85 -0.88 -0.91 <-5						
April 8						
Mar 18 0.27 0.24 0.31 <=5	•					
Feb 18 -1.59 -1.62 -1.51 <=5 196,159,1 Jan 18 -0.71 -0.74 -0.93 <=5						
Jan 18 -0.71 -0.74 -0.93 -55 123,332,3 20c 17 0.99 0.96 0.80 -55 124,179,5 124,179,5 123,249,7 Oct 17 -0.01 -0.09 -55 123,249,7 Oct 17 0.03 0.50 0.34 -55 123,466,3 Sep 17 -0.03 -0.06 -0.22 -55 120,427,0 Aug 17 0.77 0.74 0.84 -55 120,038,8 Jul 17 0.84 0.81 0.73 -55 112,303,3 Jul 17 0.84 0.81 0.73 -55 112,303,3 Jul 17 0.39 0.36 0.26 -55 111,519,43 Apr 17 1.32 1.29 1.08 -5 110,519,44 Apr 17 1.11 1.08 1.00 -5 109,088,8 105 109,088,8 -5 111,519,44 Apr 17 1.11 1.08 1.00 -5 109,088,4 -5 101,519,44 Apr 17 1.11 1.08 1.00 -5 109,088,4 -5 101,519,44 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td></td<>						
Dec 17 0.99 0.96 0.80 <=5						
Nov 17 -0.14 -0.17 -0.09 <=5						
Oct 17 0.53 0.50 0.34 <=5						
Sep 17 -0.03 -0.06 -0.22 <=5						
Aug 17 0.77 0.74 0.84 <=5						
Jul 17 0.84 0.81 0.73 <=5 112,330,3 Jun 17 0.39 0.36 0.26 <=5						
Jun 17 0.39 0.36 0.26 <=5						112,330,313
May 17 1.32 1.29 1.08 <=5 110,519,4 Apr 17 1.11 1.08 1.00 <=5						111,403,994
Apr 17 1.11 1.08 1.00 <=5						110,519,474
Mar 17 -0.31 -0.34 -0.15 <=5 107,894,66 Feb 17 1.29 1.26 1.11 <=5						109,088,806
Jan 17 0.42 0.39 0.34 <=5	Mar 17	-0.31	-0.34	-0.15	<=5	107,894,675
Dec 16 0.78 0.75 0.61 <=5	Feb 17	1.29	1.26	1.11	<=5	108,029,526
Nov 16 -2.54 -2.57 -2.73 <=5	Jan 17	0.42	0.39	0.34	<=5	106,733,673
Oct 16 -0.71 -0.74 -0.85 <=5	Dec 16	0.78	0.75	0.61	<=5	105,163,879
Sep 16 -0.17 -0.19 -0.28 <=5 104,711,61 Aug 16 0.39 0.36 0.20 <=5	Nov 16	-2.54	-2.57	-2.73	<=5	101,311,440
Aug 16 0.39 0.36 0.20 <=5	Oct 16	-0.71	-0.74	-0.85	<=5	103,962,438
Jul 16 1.58 1.55 1.31 <=5	Sep 16					104,711,632
Jun 16 2.27 2.24 2.28 <=5 109,457,93 May 16 -0.12 -0.15 -0.04 <=5	Aug 16					104,921,236
May 16 -0.12 -0.15 -0.04 <=5 106,972,92 Apr 16 1.76 1.73 1.22 <=5						104,547,058
Apr 16 1.76 1.73 1.22 <=5						109,457,987
Mar 16 3.05 3.02 2.52 <=5						106,972,955
Feb 16 0.15 0.12 0.84 <=5						107,112,015
Jan 16 0.32 0.29 0.52 <=5						105,136,598
Dec 15 -0.83 -0.86 -0.77 <=5						
Nov 15 -0.03 -0.06 -0.22 <=5						
Oct 15 0.56 0.53 0.47 <=5						
Sep 15 0.76 0.74 0.50 <=5						
Aug 15 -0.82 -0.85 -0.60 <=5						
Jul 15 0.48 0.45 0.63 <=5						
Jun 15 -1.55 -1.58 -1.74 <=5						
May 15 -0.54 -0.57 -0.58 <=5						
Apr 15 -0.66 -0.69 -0.59 <=5						
Mar 15 0.14 0.11 0.35 <=5 97,261,90 Feb 15 -0.63 -0.66 -0.99 <=5						
Feb 15 -0.63 -0.66 -0.99 <=5						
Jan 15 3.04 3.01 2.83 <=5 97,747,53						
Dec 14 0.08 0.05 0.01 <=5 108,514,60					<=5	108,514,604



Nov 14 0.70 Oct 14 1.07 Sep 14 -1.35 Aug 14 1.51 Jul 14 -0.11 Jun 14 0.29 May 14 1.37 Apr 14 1.35 Mar 14 0.30 Feb 14 1.21 Jan 14 1.70	0.67 1.04 -1.37 1.48 -0.14 0.26 1.34 1.32 0.27	0.68 1.06 -1.41 1.44 -0.04 0.08 1.41 1.19	<=5 <=5 <=5 <=5 <=5 <=5	108,430,673 107,679,526 106,542,616 107,995,707 106,385,601
Sep 14 -1.35 Aug 14 1.51 Jul 14 -0.11 Jun 14 0.29 May 14 1.37 Apr 14 1.35 Mar 14 0.30 Feb 14 1.21 Jan 14 1.70	-1.37 1.48 -0.14 0.26 1.34 1.32 0.27 1.18	-1.41 1.44 -0.04 0.08 1.41	<=5 <=5 <=5 <=5	106,542,616 107,995,707 106,385,601
Aug 14 1.51 Jul 14 -0.11 Jun 14 0.29 May 14 1.37 Apr 14 1.35 Mar 14 0.30 Feb 14 1.21 Jan 14 1.70	1.48 -0.14 0.26 1.34 1.32 0.27 1.18	1.44 -0.04 0.08 1.41	<=5 <=5 <=5	107,995,707 106,385,601
Jul 14 -0.11 Jun 14 0.29 May 14 1.37 Apr 14 1.35 Mar 14 0.30 Feb 14 1.21 Jan 14 1.70	-0.14 0.26 1.34 1.32 0.27 1.18	-0.04 0.08 1.41	<=5 <=5	106,385,601
Jun 14 0.29 May 14 1.37 Apr 14 1.35 Mar 14 0.30 Feb 14 1.21 Jan 14 1.70	0.26 1.34 1.32 0.27 1.18	0.08 1.41	<=5	
May 14 1.37 Apr 14 1.35 Mar 14 0.30 Feb 14 1.21 Jan 14 1.70	1.34 1.32 0.27 1.18	1.41		
Apr 14 1.35 Mar 14 0.30 Feb 14 1.21 Jan 14 1.70	1.32 0.27 1.18		/− □	106,501,779
Mar 14 0.30 Feb 14 1.21 Jan 14 1.70	0.27 1.18	1.19		106,190,529
Feb 14 1.21 Jan 14 1.70	1.18	0.40	<=5	104,502,725
Jan 14 1.70		0.12	<=5	103,113,539
	1.77	1.09	<=5	102,806,984
Doc 13	1.67	1.68	<=5	101,580,805
Dec 13 0.05	0.02	-0.25	<=5	99,882,867
Nov 13 -0.15 Oct 13 1.76	-0.18 1.73	-0.27 1.44	<=5 <=5	99,835,627 99,990,337
Sep 13 0.82	0.79	0.83	<=5	98,167,294
Aug 13 -0.63	-0.65	-0.81	<=5	97,367,846
Jul 13 0.73	0.71	0.71	<=5	97,920,140
Jun 13 -2.80	-2.83	-2.85	<=5	97,161,635
May 13 -2.25	-2.27	-2.36	<=5	99,782,588
Apr 13 1.81	1.78	1.80	<=5	102,074,461
Mar 13 0.09	0.06	0.01	<=5	100,244,485
Feb 13 0.80	0.77	0.70	<=5	99,319,102
Jan 13 -0.41	-0.44	-0.87	<=5	98,532,654
Dec 12 0.03	0.00	-0.08	<=5	98,937,010
Nov 12 0.05	0.02	0.00	<=5	98,909,714
Oct 12 1.53	1.50	1.12	<=5	98,445,431
Sep 12 0.62	0.59	0.60	<=5	96,976,597
Aug 12 0.21	0.19	0.21	<=5	96,382,864
Jul 12 2.91	2.88	2.71	<=5	96,178,006
Jun 12 0.38	0.35	0.43	<=5	93,463,768
May 12 0.75	0.73	0.68	<=5	93,112,914
Apr 12 1.41	1.38	1.34	<=5	92,287,987
Mar 12 -0.64	-0.67	-0.79	<=5	90,676,015
Feb 12 1.15	1.12	0.75	<=5	91,259,971
Jan 12 2.46	2.43	2.08	<=5	95,887,535
Dec 11 2.20	2.17	1.94	<=5	93,252,224
Nov 11 -1.50	-1.53	-1.68	<=5	91,249,857
Oct 11 1.72	1.69	1.46	<=5	92,237,958
Sep 11 0.09	0.06	0.25	<=5	90,679,759
Aug 11 -0.28	-0.30	0.36	<=5	89,821,436
Jul 11 2.44	2.41	2.41	<=5	90,071,730
Jun 11 -0.91	-0.94	-0.73	<=5	87,932,023
May 11 1.41 Apr 11 1.99	1.38	1.53	<=5 <=5	88,742,275
•	1.96 -0.09	1.69 -0.04	<=5 <=5	86,899,051
Mar 11 -0.06 Feb 11 1.19	1.16	0.72	<=5	85,203,110 84,928,278
Jan 11 0.54	0.51	0.72	<=5	83,387,839
Dec 10 -0.23	-0.26	-1.01	<=5	82,943,642
Nov 10 -0.77	-0.80	-0.99	<=5	82,881,140
Oct 10 0.40	0.37	0.13	<=5	82,797,009
Sep 10 0.78	0.75	0.65	<=5	87,146,236
Aug 10 2.32	2.29	2.01	<=5	86,472,326
Jul 10 1.65	1.62	1.92	<=5	82,636,139
Jun 10 2.00	1.97	1.96	<=5	81,288,337
May 10 -0.51	-0.54	-0.38	<=5	79,697,657
Apr 10 2.01	1.98	1.67	<=5	80,121,931
Mar 10 0.32	0.29	0.30	<=5	78,545,050
Feb 10 0.23	0.20	0.41	<=5	77,696,890



Period	Composite return gross (%)	Composite return net (%)	Benchmark return (%)		Market value at end of period
Jan 10	1.82	1.79	1.55	<=5	77,527,254
Dec 09	-0.91	-0.94	-1.00	<=5	75,618,721
Nov 09	1.31	1.28	1.47	<=5	75,511,375

Composite and Benchmark Quarterly and Annual Returns



Composite: US Credit Fixed Income Benchmark: Barclays US Credit Index Base currency: USD (reported in USD)

Gross returns as of: 31-Dec-23

	Q1		Q2		Q3		Q4		Annual		
Year	Composite (%)	Benchmark (%)	Composite (%)	Benchmark (%)	Composite (%)	Composite (%) Benchmark (%)		Benchmark (%)	Composite (%)	Benchmark (%)	
2023	4.03	3.45	-0.38	-0.31	-2.92	-3.01	8.42	8.15	9.08	8.18	
2022	-7.69	-7.42	-7.01	-6.90	-4.97	-4.95	3.48	3.44	-15.59	-15.26	
2021	-4.54	-4.45	3.59	3.32	0.03	-0.03	0.23	0.22	-0.85	-1.08	
2020	-3.38	-3.14	10.21	8.22	1.89	1.50	3.22	2.79	11.99	9.35	
2019	5.06	4.87	4.62	4.27	3.16	2.98	1.11	1.05	14.63	13.80	
2018	-2.03	-2.13	-0.95	-0.88	1.17	0.89	-0.47	0.01	-2.29	-2.11	
2017	1.41	1.30	2.85	2.35	1.59	1.35	1.38	1.05	7.41	6.18	
2016	3.54	3.92	3.94	3.48	1.81	1.23	-2.48	-2.97	6.84	5.63	
2015	2.53	2.16	-2.73	-2.88	0.42	0.53	-0.30	-0.52	-0.16	-0.77	
2014	3.24	2.91	3.04	2.71	0.04	-0.03	1.85	1.76	8.38	7.53	

Note: if * is shown, the period figure only displays a part period return



Composite: US Credit Fixed Income Benchmark: Barclays US Credit Index Base currency: USD (reported in USD) Annualised gross returns as of: 31-Dec-23

	Composite return (%)	Benchmark return (%)	Arithmetic lifference (%)	Composite standard deviation (%)	Benchmark standard deviation (%)	Tracking error	Info ratio	Sharpe ratio	Regr. alpha (ann) (%)	Beta	R2	Highest return (%)	Lowest return (%) (Number of portfolios *throughout period)	Market value (M)	Total firm assets (M)	Percentage of firm assets (%)
3 years	-2.99	-3.21	0.22	9.20	8.75	0.68	0.32	-0.57	0.40	1.05	1.00	-2.86	-3.08	<=5 (<=5)	138.20	N/A	N/A
5 years	3.23	2.45	0.78	8.90	8.41	0.81	0.96	0.14	0.65	1.05	0.99	3.31	3.16	<=5 (<=5)	138.20	N/A	N/A
7 years	3.00	2.30	0.70	7.67	7.26	0.74	0.94	0.14	0.58	1.05	0.99	3.07	2.96	<=5 (<=5)	138.20	N/A	N/A
10 years	3.59	2.83	0.75	6.81	6.46	0.74	1.01	0.31	0.61	1.05	0.99	3.64	3.64	<=5 (<=5)	138.20	N/A	N/A
SI	4.67	3.70	0.98	6.18	5.88	0.76	1.28	0.57	0.80	1.04	0.99	4.72	4.72	<=5 (<=5)	138.20	N/A	N/A
31/12/2020-31/12/2023	-2.99	-3.21	0.22	9.20	8.75	0.68	0.32	-0.57	0.40	1.05	1.00	-2.86	-3.08	<=5 (<=5)	138.20	N/A	N/A
31/12/2019-31/12/2022	-2.14	-2.86	0.72	9.41	8.80	0.96	0.76	-0.31	0.96	1.07	0.99	-2.05	-2.21	<=5 (<=5)	171.29	427,856.34	0.04
31/12/2018-31/12/2021	8.37	7.17	1.20	6.92	6.49	0.87	1.39	1.06	0.73	1.06	0.99	8.38	8.37	<=5 (<=5)	237.28	599,611.22	0.04
31/12/2017-31/12/2020	7.85	6.80	1.05	6.82	6.41	0.86	1.22	0.89	0.62	1.06	0.99	7.89	7.79	<=5 (<=5)	209.08	601,184.07	0.03
31/12/2016-31/12/2019	6.36	5.75	0.60	3.53	3.48	0.47	1.28	1.25	0.55	1.00	0.98	6.39	6.37	<=5 (<=5)	168.61	599,561.04	0.03
31/12/2015-31/12/2018	3.89	3.16	0.73	3.71	3.52	0.76	0.97	0.66	0.62	1.03	0.96	3.94	3.94	<=5 (<=5)	168.25	606,245.08	0.03
31/12/2014-31/12/2017	4.64	3.63	1.01	3.90	3.72	0.77	1.31	0.99	0.88	1.03	0.96	4.66	4.66	<=5 (<=5)	124.18	370,088.38	0.03
31/12/2013-31/12/2016	4.96	4.07	0.89	4.13	4.00	0.75	1.18	1.10	0.80	1.01	0.97	4.98	4.98	<=5 (<=5)	105.16	338,134.04	0.03
31/12/2012-31/12/2015	2.57	1.49	1.08	4.05	4.06	0.52	2.08	0.57	1.08	0.99	0.98	2.57	2.57	<=5 (<=5)	94.63	383,382.35	0.02

Composite inception: 01-Nov-09

Measures are annualised for periods greater than 12 months. Arithmetic calculations are used for the risk statistics in this report.
Risk statistics are only shown when composite is old enough to have 36 monthly returns