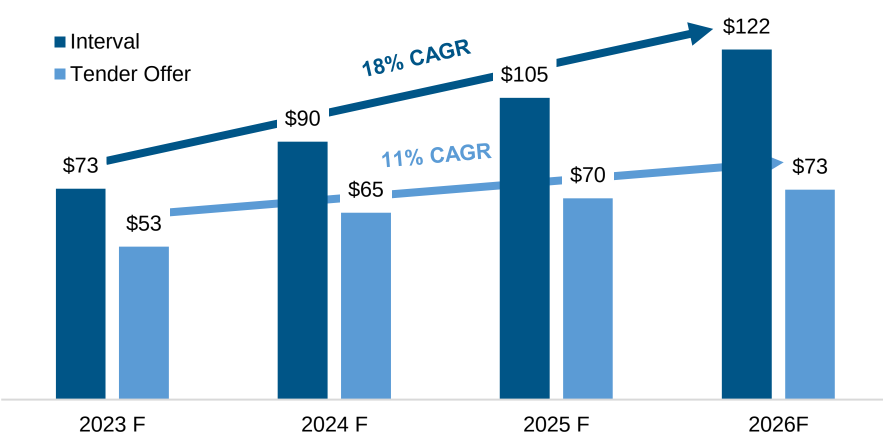
November 3, 2023

XA Investments (XAI) Monthly Update on Listed CEF and Interval Fund Market Developments

XAI Forecast for Interval / Tender Offer Fund Market Net Assets*



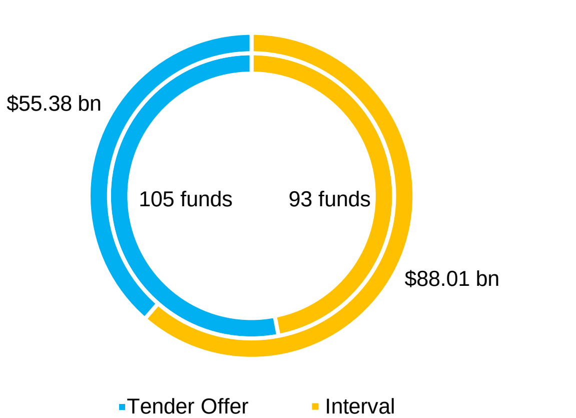
$126bn Total | **$154bn Total** | **$175bn Total** | **$195bn Total**

- XAI expects continued growth in interval and tender offer fund net assets, forecasting compound annual growth rates (CAGR) of approximately 18% and 11%, respectively, through 2026.
- XAI anticipates that continued investor demand for alternatives will drive non-listed CEF growth.
- XAI believes strong net inflows, especially in Credit and Private Equity will bolster future asset growth.
- XAI expects tender offer fund growth to be supported by Private Equity and Specialty asset classes. The tender offer fund structure is well-suited for less liquid Private Equity and Specialty strategies.

*XAI's forecast uses expectations of future net flows, fund launches, and growth in recently launched funds. Net assets represent total managed assets net of any liabilities, including leverage.

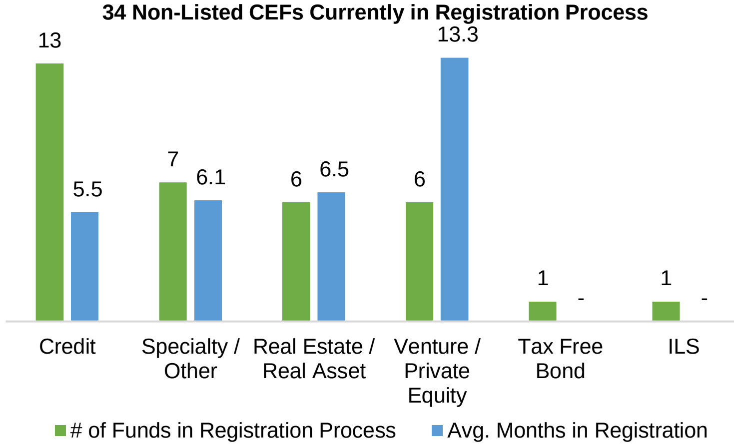
Current Total Managed Assets and Overview of Fund Registrations

Non-Listed CEF Market: 198 Funds with $143bn



Data reflects most recent available as of 10/31/2023. External circle represents total managed assets. Inner circle represents number of funds.

34 Non-Listed CEFs Currently in Registration Process



Avg. Months in Registration represents the average time in registration for funds that have gone effective with an initial filing date after 1/1/2022.

Largest Interval / Tender Offer Funds

Fund	Type	Ticker	Asset Class	Wire Platform	Net Assets ($M)[1]	As of
Partners Group Private Equity Fund	Tender	N/A	Venture / Private Equity	ML, MS, WF	14,106	6/30/2023
Cliffwater Corporate Lending Fund	Interval	CCLFX	Credit	-	13,900	9/30/2023
ACAP Strategic Fund	Interval	XCAPX	Equity	ML, MS, UBS, WF	7,346	6/30/2023
Bluerock Total Income + Real Estate Fund	Interval	TIPWX	Real Estate / Real Asset	MS, UBS	6,323	6/30/2023
Apollo Diversified Real Estate Fund	Interval	GRIFX	Real Estate / Real Asset	MS, UBS	5,404	6/30/2023
CION Ares Diversified Credit Fund	Interval	CADUX	Credit	MS, UBS, WF	3,197	8/31/2023
Versus Capital Real Assets Fund	Interval	VCRRX	Real Estate / Real Asset	-	3,033	9/30/2023
Variant Alternative Income Fund	Interval	NICHX	Specialty / Other	-	2,931	8/31/2023
PIMCO Flexible Credit Income Fund	Interval	PFLEX	Credit	ML, MS, UBS, WF	2,743	8/31/2023
Ironwood Multi-Strategy Fund	Tender	N/A	Specialty / Other	ML	2,430	7/31/2023

1. Net asset data is sourced from regulatory filings and may be delayed due to reporting lags.

Developments in Non-Listed CEF Registrations

Completed Initial Registration Statement Filings	Structure	Asset Class	Filing Date
Voya Enhanced Securitized Income Fund	Interval	Credit	10/5/2023
AMG Pantheon Credit Solutions Fund	Interval	Credit	10/5/2023
MainStay MacKay Municipal Income Opportunities Fund	Interval	Tax Free Bond	10/6/2023
Connetic Ventures Fund	Interval	Venture / Private Equity	10/6/2023
Eagle Point Enhanced Income Trust	Tender	Credit	10/13/2023
KKR US Direct Lending Fund-U	Tender	Credit	10/13/2023
Completed Post-Launch Filings			
SEI Alternative Income Fund	Interval	Credit	10/17/2023

Historical Listed CEF Premium/Discount Averages
(as of 10/31/2023)

Current	-11.00%
9/30/2023	-9.62%
2023 YTD	-8.38%
2022	-5.78%
2021	-3.13%
2020	-7.36%
10 Year Historical	-5.79%
10 Year – Munis	-4.84%
10 Year – Taxable	-6.14%

Top 10 Current Average Listed CEF Premium/Discount

Equity / Hybrid	Premium / Discount	Fixed Income	Premium / Discount
Commodities	-2.05%	Global Income	-4.18%
Sector Equity	-5.77%	Taxable Muni	-4.78%
Covered-Call Funds	-10.02%	Limited Duration	-4.93%
Real Estate	-10.12%	Multi-Sector	-5.37%
MLP	-12.11%	Investment Grade	-5.56%
U.S. Equity	-12.24%	Convertibles	-7.02%
U.S. Allocation	-13.82%	High Yield	-10.03%
Global Allocation	-14.76%	Senior Loans	-10.68%
Global Equity	-15.17%	Preferreds	-10.99%
Single-Country Equity	-16.42%	Emerging Market Income	-11.80%

Forward Listed CEF IPO Calendar[1] (IPO Market Currently Closed)

IPO Month	Sponsor	Fund Name	Initial Filing Date	Strategy
TBD	DoubleLine	DoubleLine Shiller CAPE Enhanced Income Fund	6/10/2021	Equity
TBD	First Eagle	First Eagle Global Opportunities Fund	8/4/2021	Equity / Debt
TBD	PIMCO	PIMCO Municipal Credit Income Fund	10/3/2022	Municipal Bonds
TBD	Nuveen	Nuveen Municipal Opportunities Fund	10/4/2022	Municipal Bonds
TBD	BlackRock	BlackRock 2038 Municipal Target Term Trust	6/23/2023	Municipal Bonds

CEF Industry News and Upcoming Events

Date	Source	Summary
Nov 13 - 15	IPA	The Institute for Portfolio Alternatives ("IPA") will hold its IPAConnect Conference on November 13-15th in Orlando, Florida. IPAConnect will offer managers the opportunity to showcase their investment opportunities and expand their network with key industry stakeholders. Go to www.ipa.com to register.
Nov 13	XA Investments	XA Investments LLC, PINE Advisor Solutions, US Bank, and Faegre Drinker will host a panel discussion and cocktail hour on Monday, November 13th, at the Harvard Club of New York City. As the interval fund market matures, more fund managers are considering launching an interval fund. Panelists will discuss best practices when launching an interval fund and lessons learned through the interval fund launch process.
Nov 14	ICI	On November 14th, the Investment Company Institute ("ICI") will host its annual Closed-end Fund Conference. Topics include the future of closed-end funds and insights on emerging industry trends. Connect with industry regulators and experts, network with colleagues, and earn CLE/CPE credit. Go to www.ici.org to register.
Nov 15	AICA	The Active Investment Company Alliance ("AICA"), will host their fall roundtable in New York on November 15th. Go to www.aicalliance.org to register. Note: the date changed from October 5th to November 15th.

CEF Market: Legal & Regulatory Update

On October 16, the SEC's Division of Examinations released its 2024 examination priorities. The priorities were released earlier than in previous years, and only eight months after its 2023 examination priority release. Many of the priorities align with those from 2023, but also underscore the Commission's robust regulatory agenda over previous years. For investment advisers, the Division of Examinations plan to consider (i) firms' marketing practices, including advertisements; (ii) compensation arrangements, with a focus on fiduciary obligations, conflicts and alternative fee revenues; (iii) valuations matters, and for advisers to investment funds, compliance with obligations under Rule 2a-5; (iv) protection of client information; and (v) disclosure assessments and review of filings.

For investment funds, the Division of Examinations will continue to critically assess (i) policies and procedures related to fee calculations, with particular focus on differing fees charged to various share classes or vehicles, along with high fees relative to peers; (ii) derivatives compliance with Rule 18f-4 and relevant policies and procedures; (iii) valuation matters, including the aforementioned 2a-5 and investment adviser roles; and (iv) fund compliance with exemptive order conditions. The Division of Examinations noted that it continues to prioritize examinations of newly registered funds and those that have not yet been examined.

1. Subject to market conditions.

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Investing in closed-end funds involves risk; principal loss is possible. There is no guarantee a fund's investment objective will be achieved. Closed-end funds ("CEFs"), interval funds and tender offer funds are designed for long-term investors who can accept the special risks associated with such investments. Interval and tender offer CEFs are not intended to be used as trading vehicles. An investment in an interval or tender offer CEF is not suitable for investors who need access to the money they invest. Unlike open-end mutual funds, which generally permit redemptions on a daily basis, interval and tender offer CEF shares may not be redeemable at the time or in the amount an investor desires. An investment in CEFs involves risks, including loss of principal.