

S&P Global
Market Intelligence

Securities Finance

Market Activity Review Q4 2024

Matt Chessum, Director
Securities Finance

Alexandre Roques, Head of
Securities Lending Distribution,
Clearstream Banking

January 23rd, 2025



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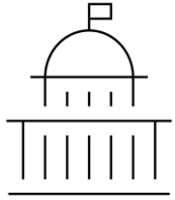
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Q4 2024

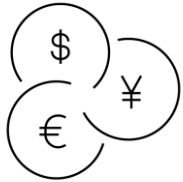
Political change in the U.S. drives markets higher



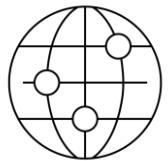
Donald Trump becomes the new President elect



Stock markets rally on the hopes of deregulation and market friendly policies



Interest rates becoming increasingly difficult to predict with a hawkish cut in the U.S.



Political uncertainty grows across Europe and Asia affecting regional economies



Securities lending revenues increase 8% YoY during Q4 but fall 9% YoY

Market revenues – Q4 2024

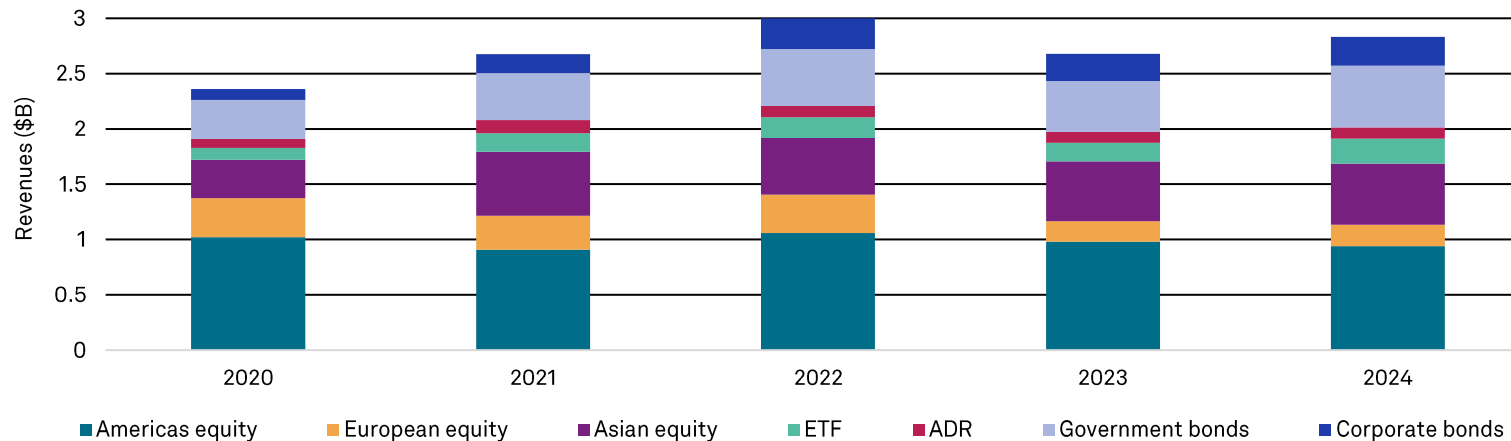
Global Securities Finance Snapshot - Q4 2024

Asset Class	Rev (\$M)	Rev YoY % Change	YTD Rev (\$M)	Avg Balance (\$B)	Bal YoY % Change	Avg Fee	Fee YoY % Change	Avg Lendable (\$B)	Lendable YoY % Change	Avg Utilization	Util YoY % Change
All Securities	\$2,920	8%	\$11,736	\$2,740	9%	0.42%	-2%	\$41,050	24%	5.2%	-11%
All Equity	\$2,075	5%	\$8,652	\$1,133	1%	0.72%	3%	\$31,167	28%	2.7%	-18%
Americas Equity	\$982	0%	\$4,382	\$613	-2%	0.63%	2%	\$23,565	33%	2.1%	-23%
Asia Equity	\$553	3%	\$2,142	\$210	2%	1.03%	-1%	\$2,869	15%	4.7%	0%
EMEA Equity	\$194	5%	\$1,001	\$163	1%	0.47%	3%	\$3,753	10%	3.4%	-10%
ADR	\$79	-1%	\$302	\$29	2%	1.08%	-4%	\$270	18%	8.1%	-8%
ETP	\$227	35%	\$679	\$110	14%	0.81%	18%	\$597	27%	9.7%	-11%
Government Bond	\$564	23%	\$2,032	\$1,249	14%	0.18%	7%	\$4,837	13%	20.8%	0%
Corporate Bond	\$261	7%	\$976	\$332	23%	0.31%	-14%	\$4,660	12%	6.0%	8%

Note: Includes only transactions with positive fees

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Source: S&P Global Market Intelligence Securities Finance



Q4 revenues of \$2.9B

Revenues grow 8% YoY

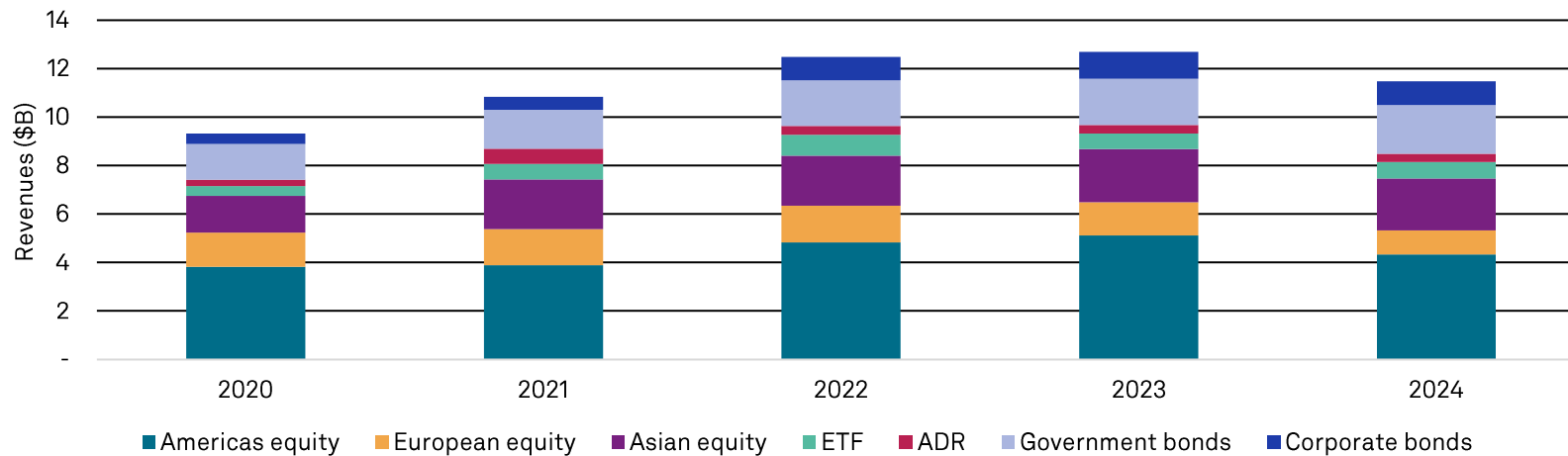
Average balances grow 9% YoY

Market revenues – Full Year

Asset Class	Rev (\$M)	Rev YoY % Change	YTD Rev (\$M)	Avg Balance (\$B)	Bal YoY % Change	Avg Fee	Fee YoY % Change	Avg Lendable (\$B)	Lendable YoY % Change	Avg Utilization	Util YoY % Change
All Securities	\$11,736	-9%	\$11,736	\$2,667	4%	0.43%	-14%	\$38,448	19%	5.4%	-11%
All Equity	\$8,652	-11%	\$8,652	\$1,144	-5%	0.74%	-8%	\$28,894	21%	2.9%	-19%
Americas Equity	\$4,382	-14%	\$4,382	\$619	-5%	0.70%	-11%	\$21,428	26%	2.3%	-21%
Asia Equity	\$2,142	-2%	\$2,142	\$217	0%	0.98%	-2%	\$2,789	10%	4.8%	-4%
EMEA Equity	\$1,001	-27%	\$1,001	\$172	-15%	0.56%	-12%	\$3,762	9%	3.6%	-23%
ADR	\$302	-8%	\$302	\$29	2%	1.02%	-11%	\$256	8%	8.4%	-3%
ETP	\$679	7%	\$679	\$100	5%	0.66%	0%	\$549	18%	9.6%	-8%
Government Bond	\$2,032	8%	\$2,032	\$1,190	10%	0.17%	-5%	\$4,647	12%	20.6%	0%
Corporate Bond	\$976	-13%	\$976	\$310	17%	0.31%	-27%	\$4,536	14%	5.8%	2%

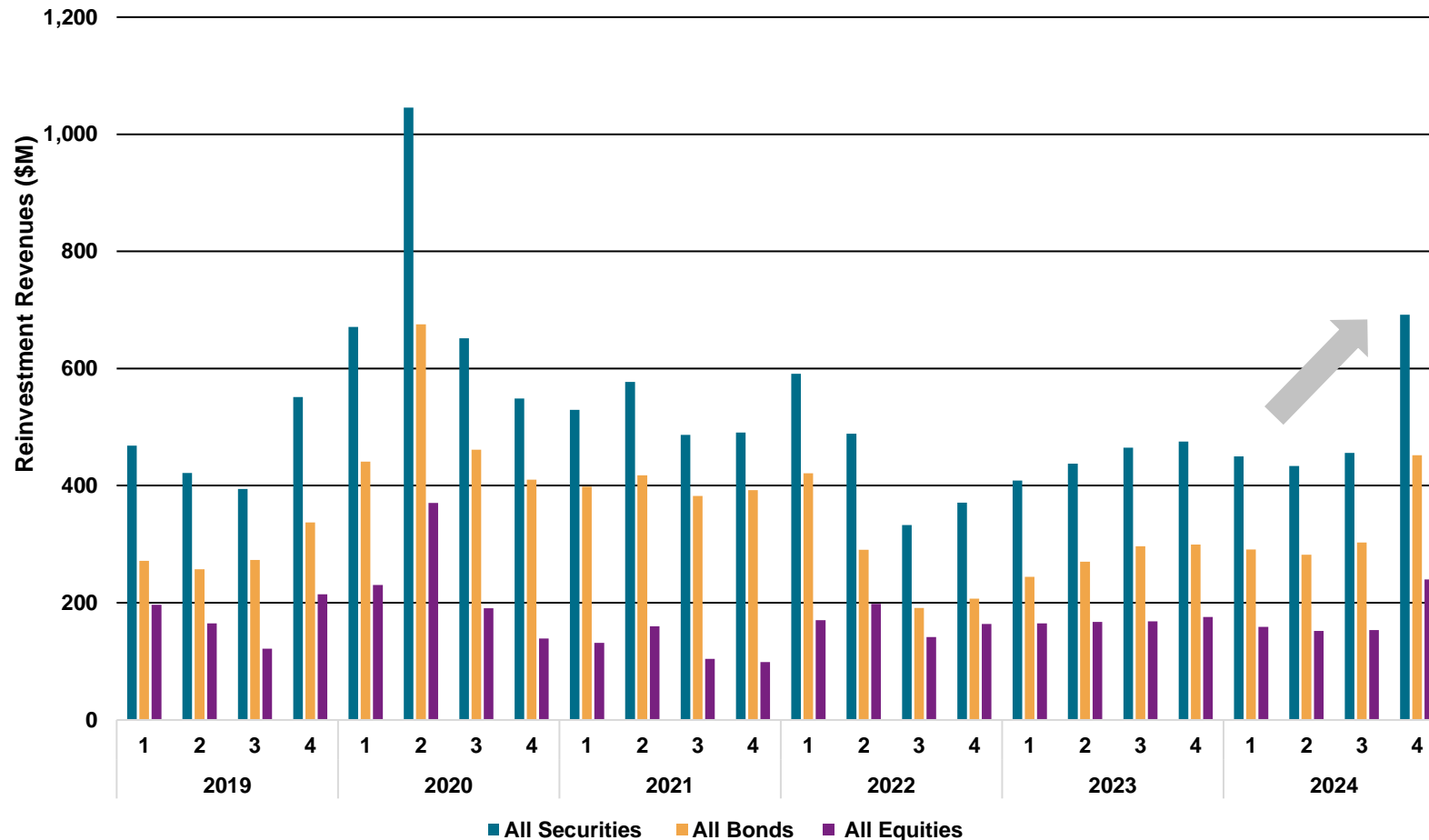
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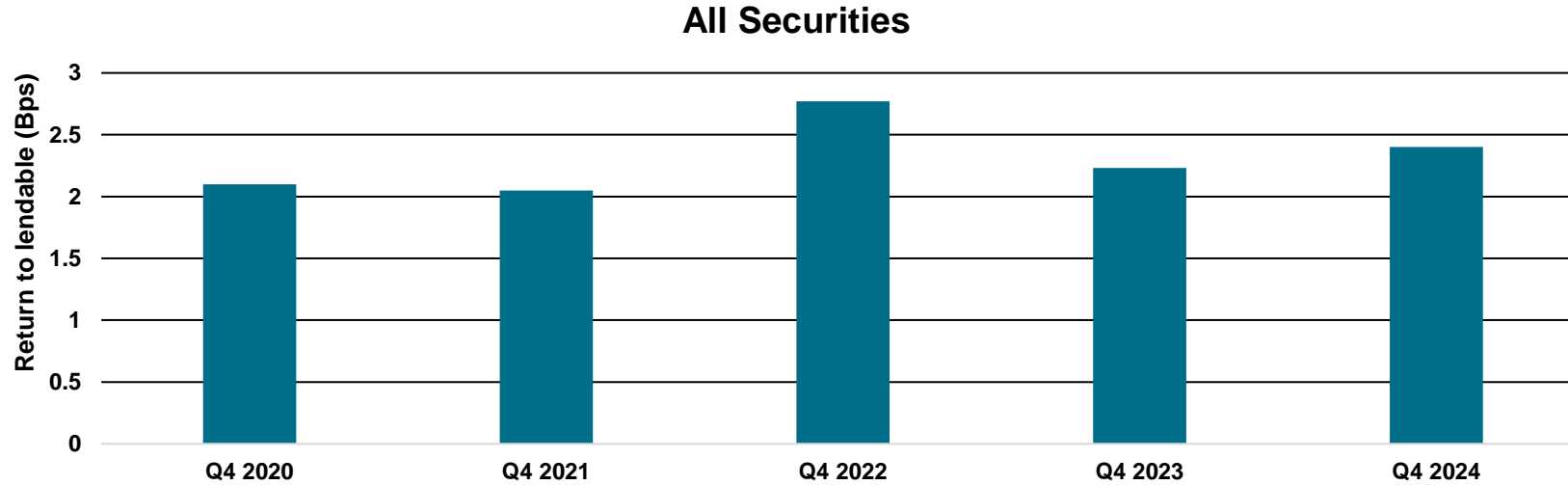
2024 revenues were the 4th highest since data collection began

Market revenues – Reinvestment returns



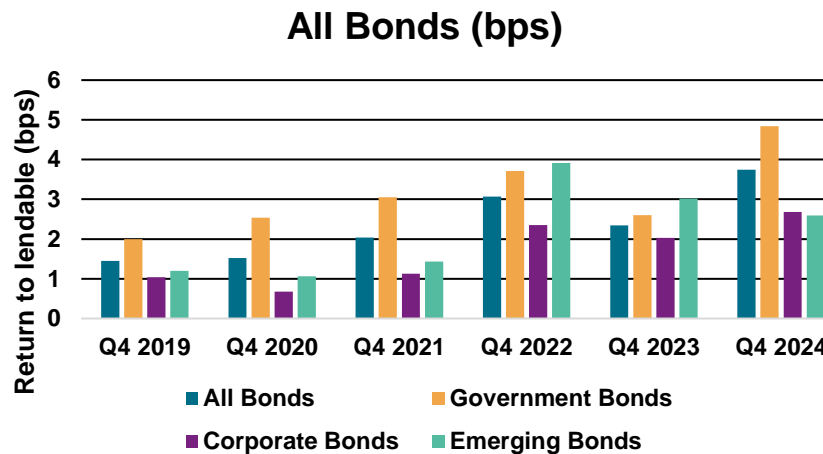
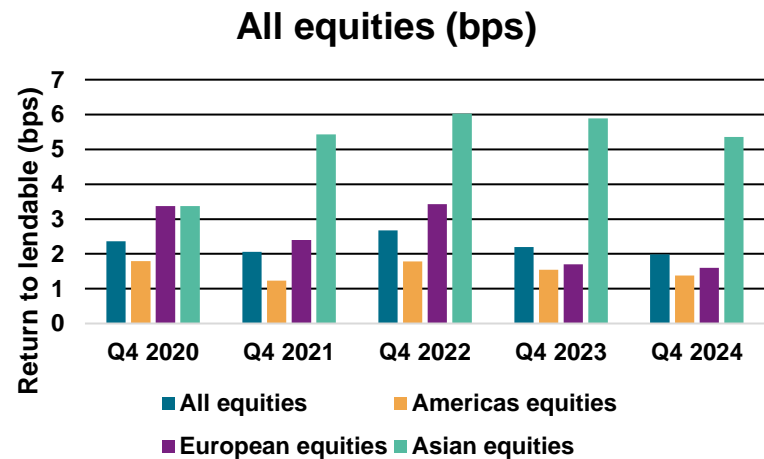
Quarterly cash reinvestment returns get a boost as the Fed continues to cut rates

Market revenues – Lenders return to lendable



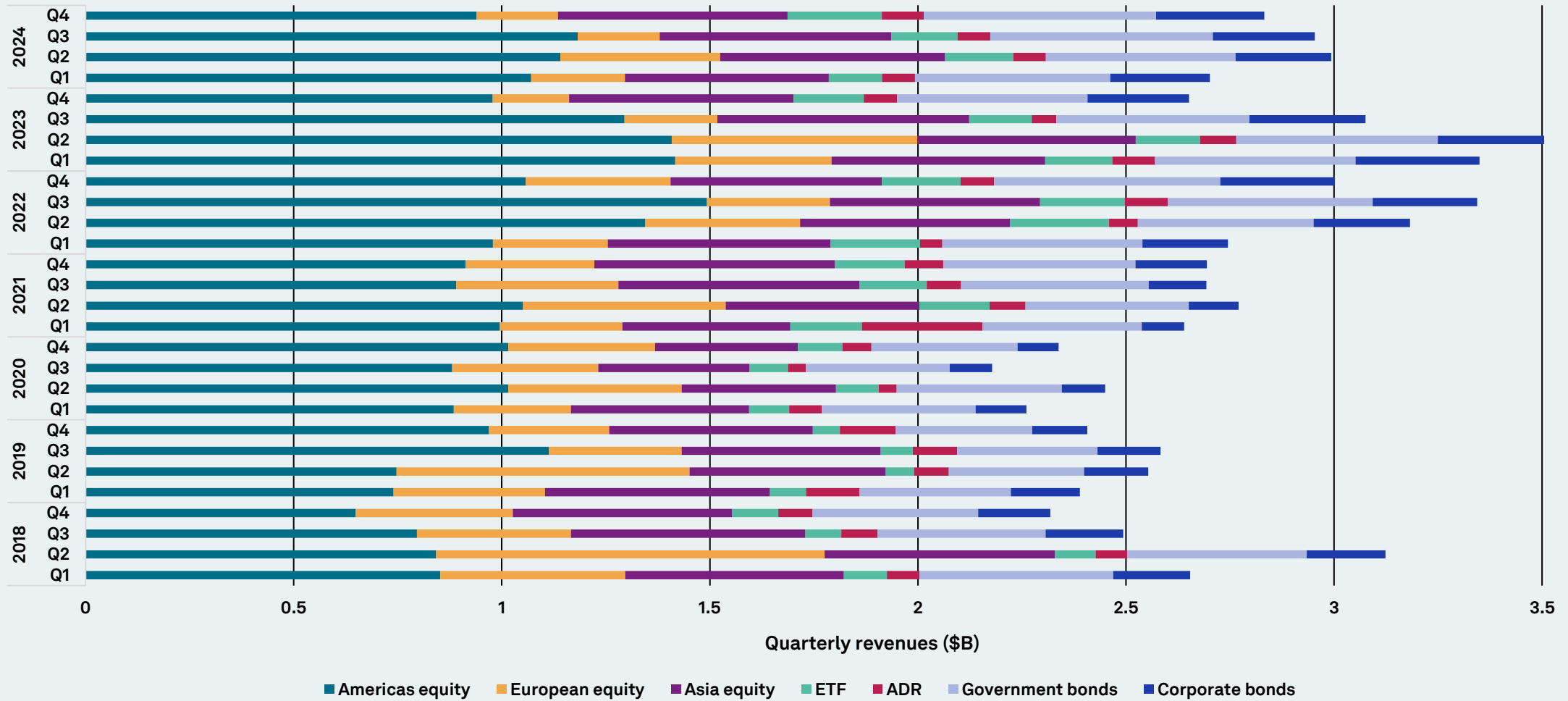
All securities
2.4bps

All equity 2bps

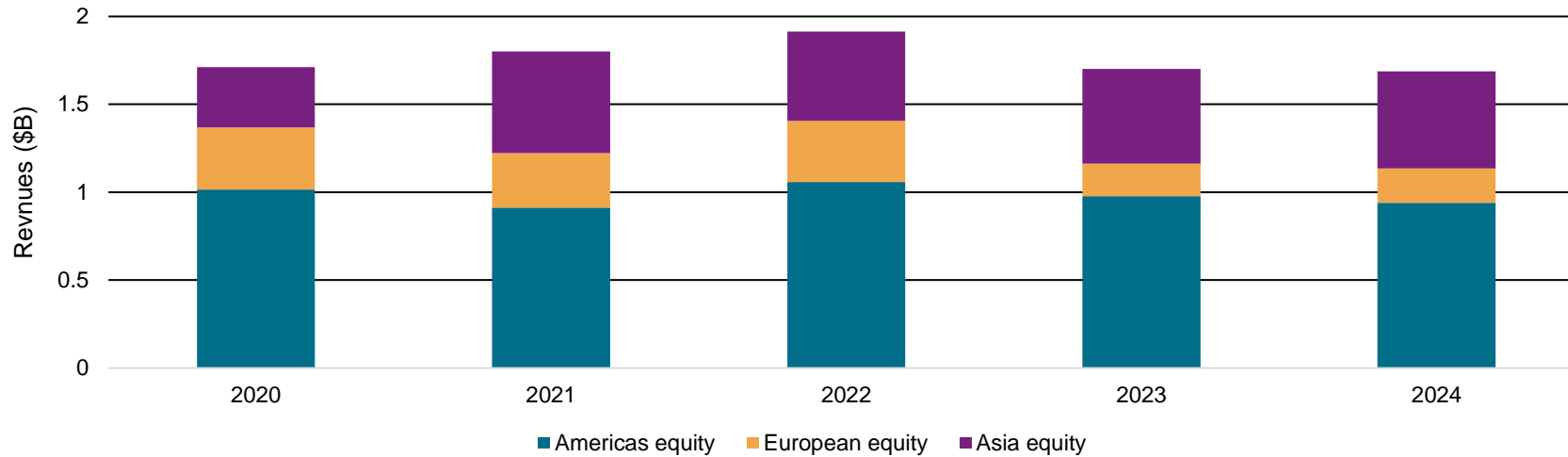


Fixed income
2.34bps

Quarterly revenues by asset class

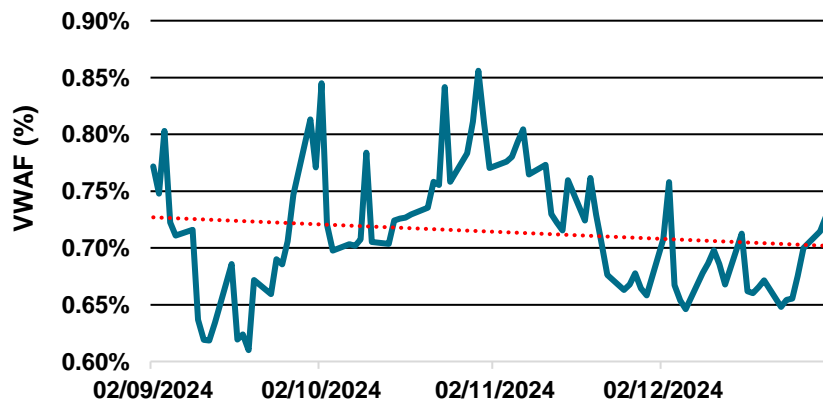


Equities – Revenues, VWAF and Balances

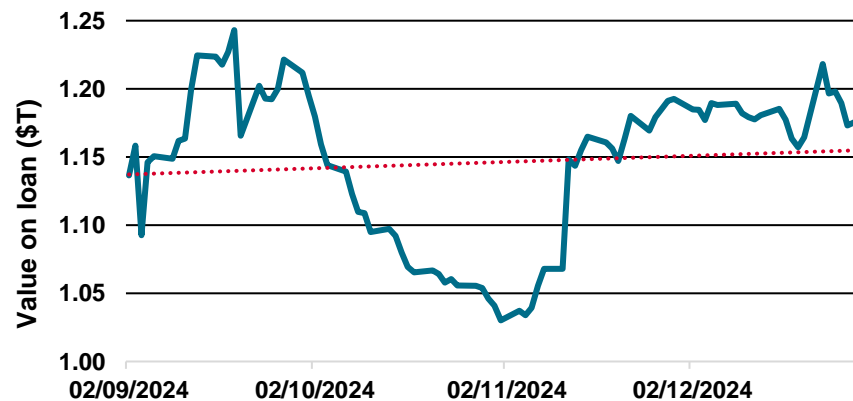


Q4 equity revenues increased 5% YoY despite a decline in VWAF over the quarter

VWAF- ex financing

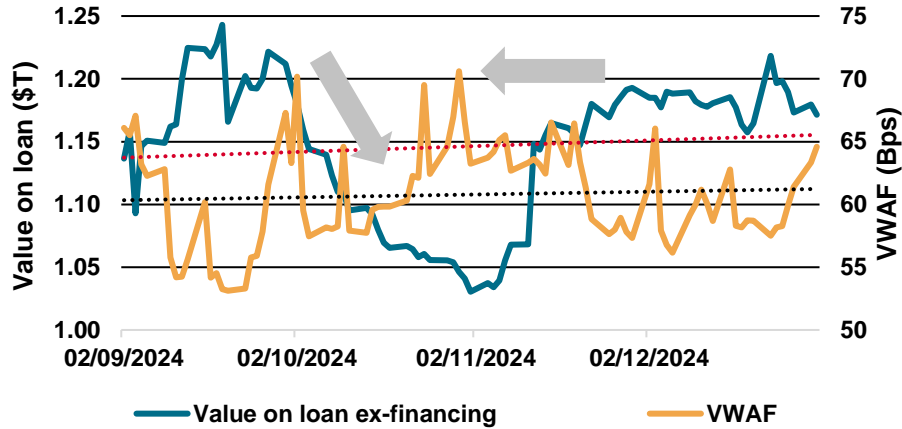


Value on loan ex-financing

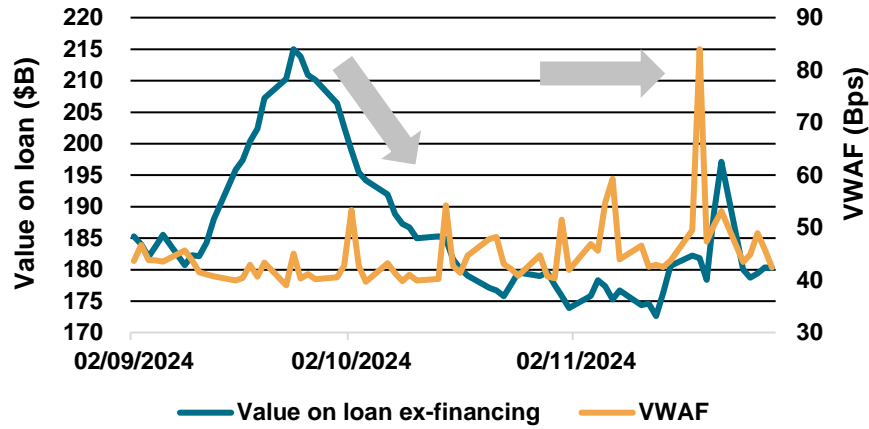


Equities - Average fees and balances

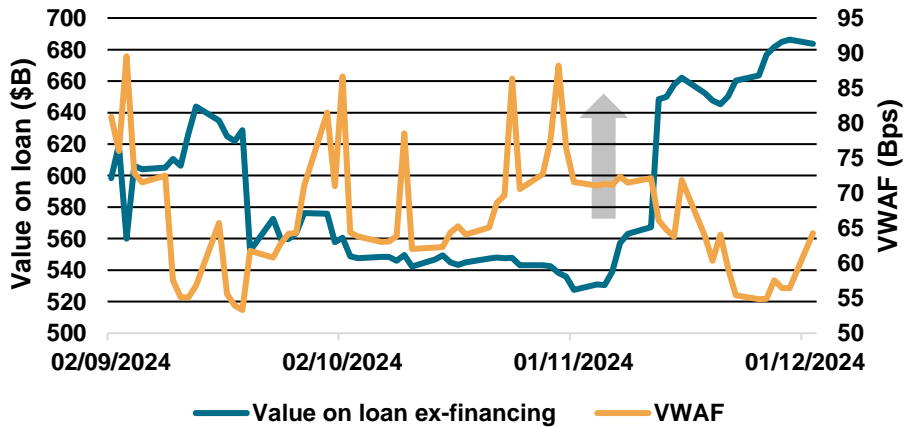
All Equities



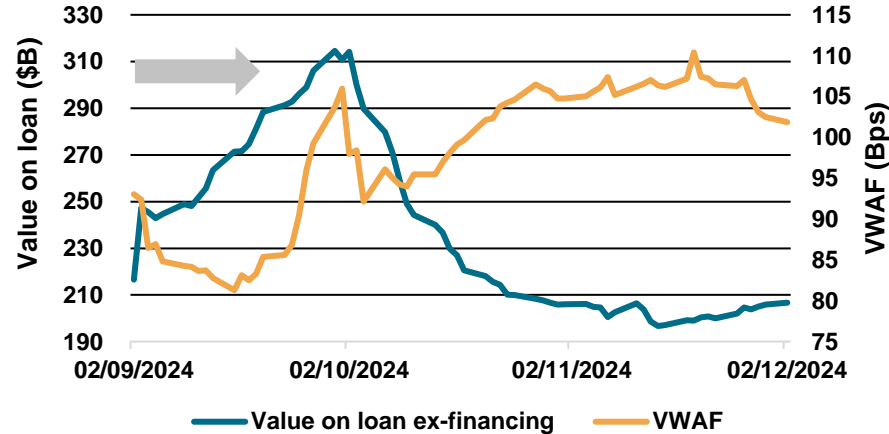
Europe Equities



Americas Equities



Asia Equities



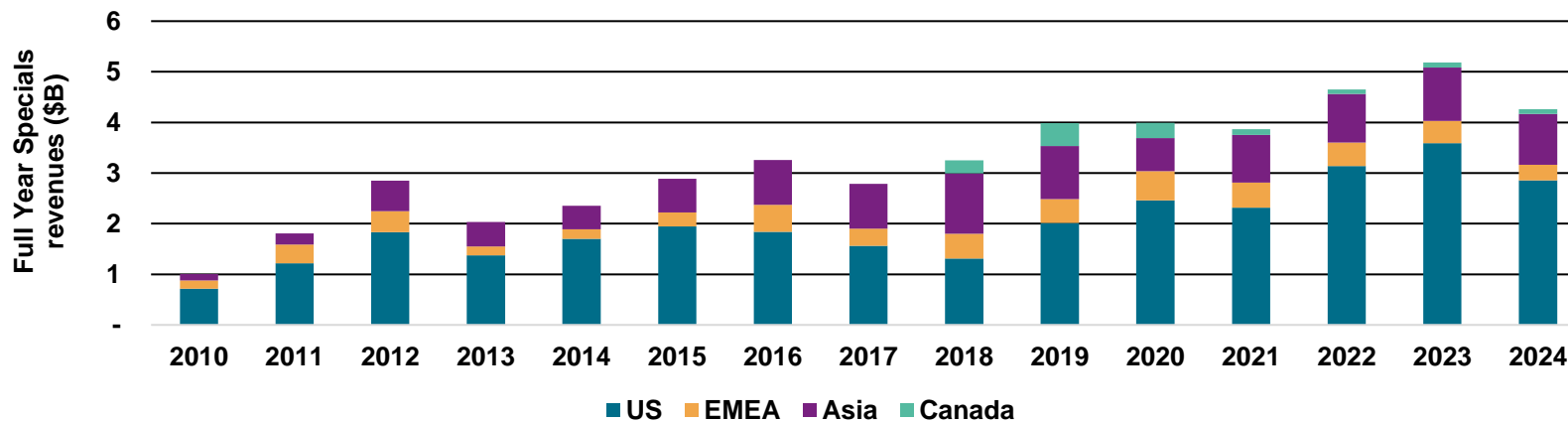
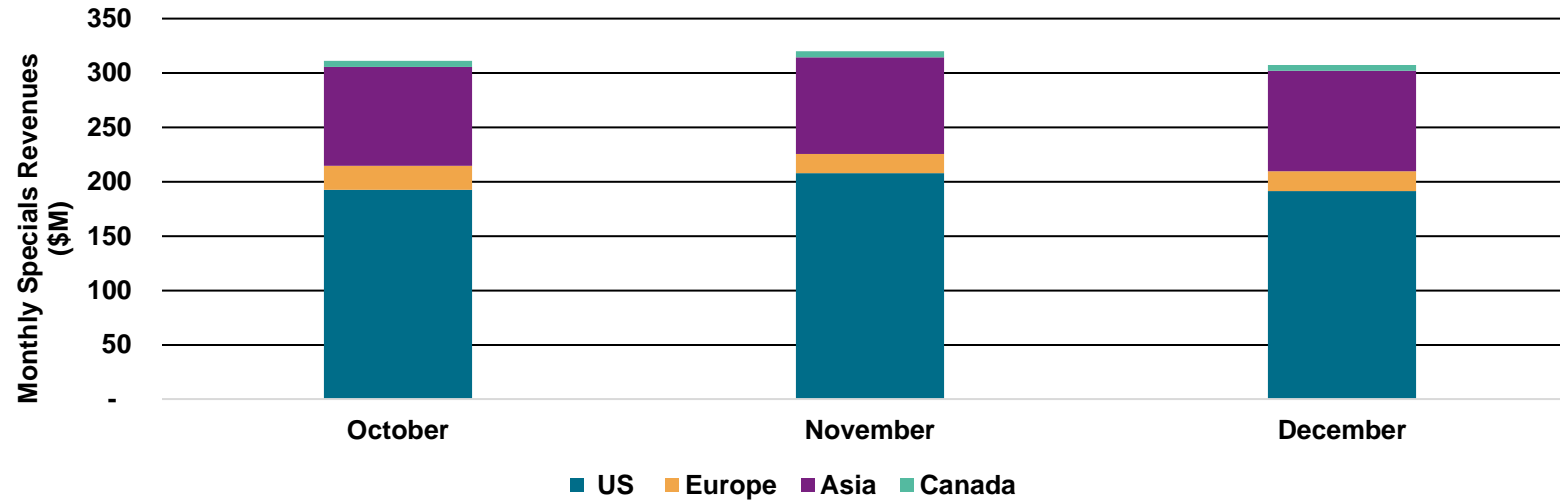
All equities 72bps

Americas equities
63bps

EMEA equities
47bps

APAC equities
103bps

Q4 equity specials revenues by region



2024 specials revenues were \$927M lower than during 2023

Specials > 500bps fee

Equities – Top revenue generators and most shorted sectors of Q4 2024

Top 10 Revenue Generating Equities Full Year 2024

Top Earning Assets	Ticker	Sector	Country	Revenue Generated (\$M)
Sirius XM Holdings Inc	SIRI	North America Media and Entertainment	US	\$314.1
Trump Media & Technology Group Corp	DJT	North America Media and Entertainment	US	\$163.3
Lucid Group Inc	LCID	North America Automobiles & Components	US	\$150.0
Beyond Meat Inc	BYND	North America Food, Beverage & Tobacco	US	\$143.0
Tempus Ai Inc	TEM	North America Pharmaceuticals, Biotech & Life Sciences	US	\$102.7
Cassava Sciences Inc	SAVA	North America Pharmaceuticals, Biotech & Life Sciences	US	\$84.1
Immunitybio Inc	IBRX	North America Pharmaceuticals, Biotech & Life Sciences	US	\$76.3
Visa Inc	V	North America Financial Services	US	\$73.5
Canopy Growth Corp	CGC	North America Pharmaceuticals, Biotech & Life Sciences	US	\$69.3
B Riley Financial Inc	RILY	North America Financial Services	US	\$62.6

Source: S&P Global Market Intelligence Securities Finance

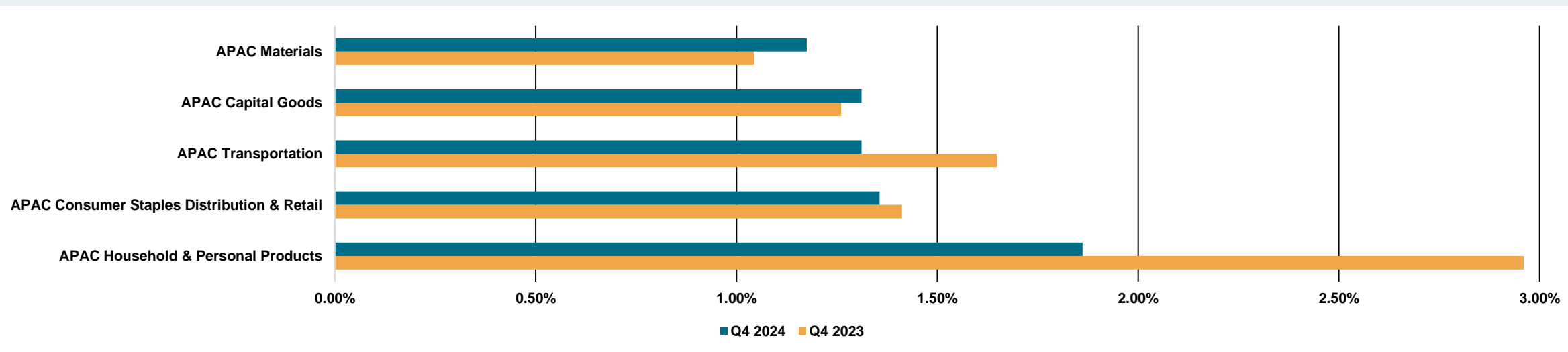
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Top 10 Revenue Generating Equities Q4 2024

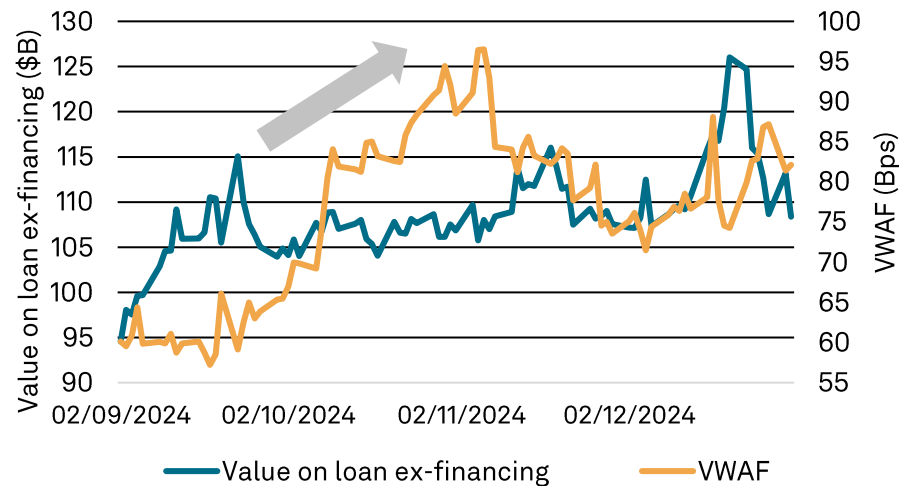
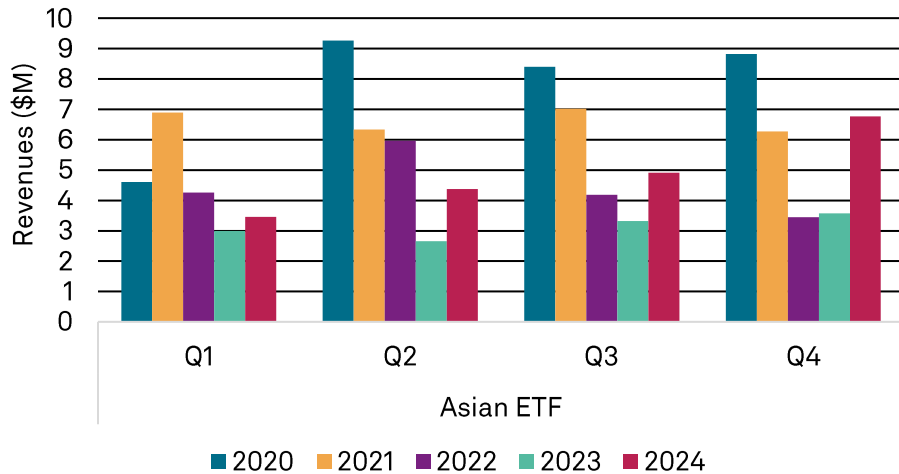
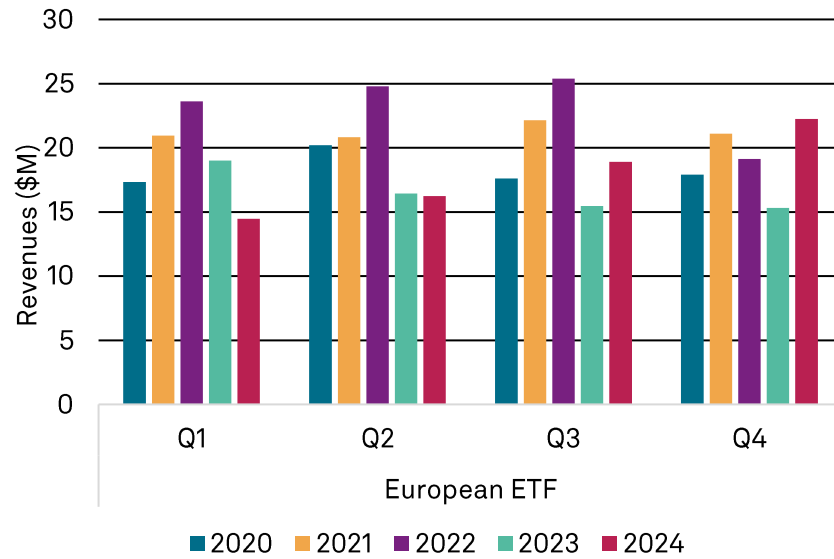
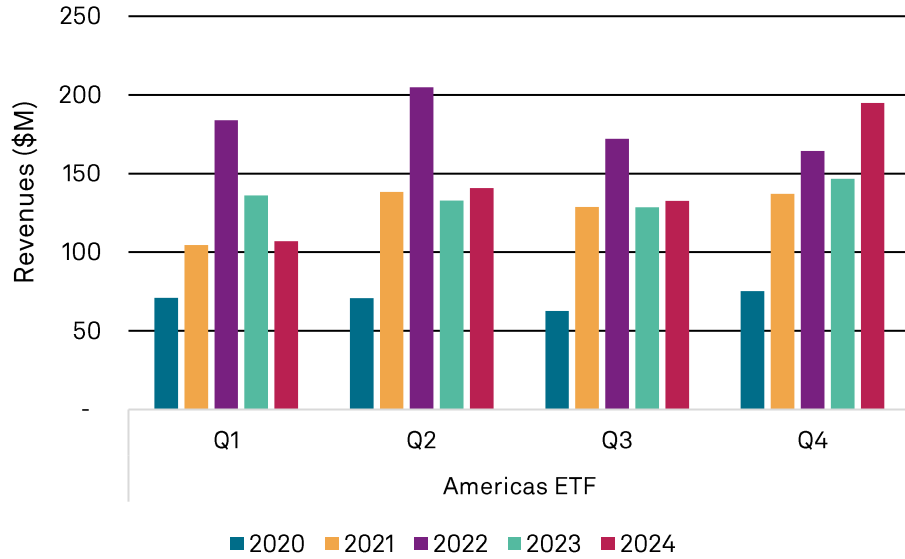
Top Earning Assets	Ticker	Sector	Country	Revenue Generated (\$M)
Tempus AI Inc	TEM	North America Pharmaceuticals, Biotech & Life Sciences	US	\$67.3
Spirit Airlines Inc	SAVE	North America Transportation	US	\$31.1
Nano Nuclear Energy Inc	NNE	North America Capital Goods	US	\$27.9
Trump Media & Technology Group	DJT	North America Media and Entertainment	US	\$21.7
Quantum Computing Inc	QUBT	North America Software & Services	US	\$21.7
Cassava Science Inc	SAVA	North America Pharmaceuticals, Biotech & Life Sciences	US	\$21.1
Endeavor Group Holdings Inc	EDR	North America Media and Entertainment	US	\$19.3
Nikola Corp	NKLA	North America Capital Goods	US	\$16.9
Soundhound AI Inc	SOUN	North America Software & Services	US	\$15.5
Beyond Meat Inc	BYND	North America Food, Beverage & Tobacco	US	\$14.3

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ETF's Q4 2024



ETF revenues experienced a good quarter growing by 35% YoY

ETF's – Top revenue generators

Top 5 Revenue Generating Equity ETFs

ETF Name	Ticker	Investment type	Country	Revenue Generated (\$M)
T Rex 2X Long MicroStrategy Daily Target	MSTX	Equity	US	\$5.0
Defiance Daily Target 2X Long MicroStrategy	MSTU	Equity	US	\$5.0
Granite Shares Nvidia Long Daily	NVDL	Equity	US	\$4.6
iShares MSCI China A Ucits USD (Acc) ETF	CNYA	Equity	IE	\$3.8
SPDR S&P Biotech ETF	XBI	Equity	US	\$3.8

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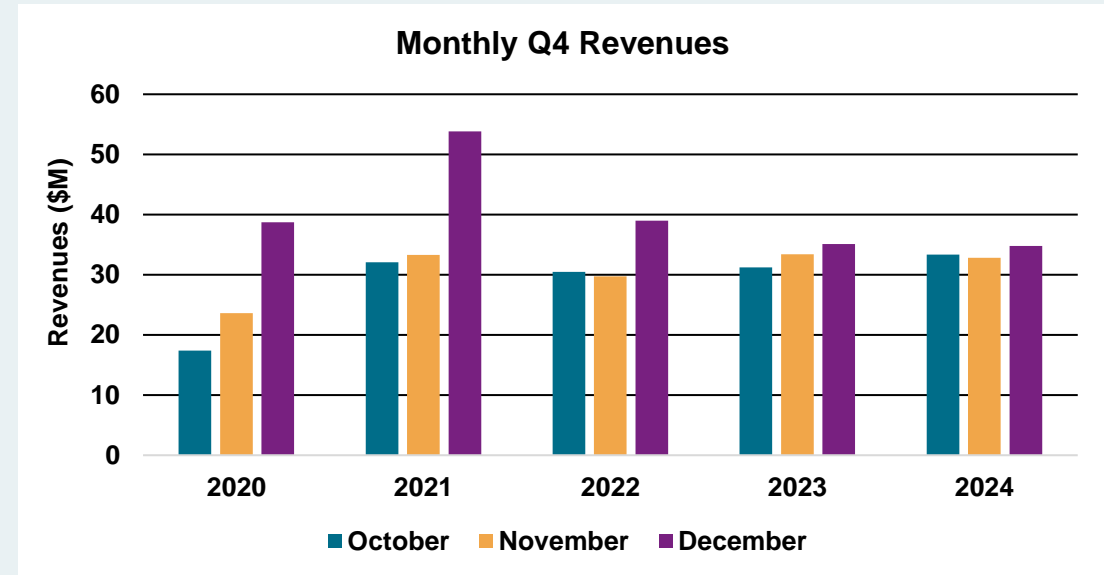
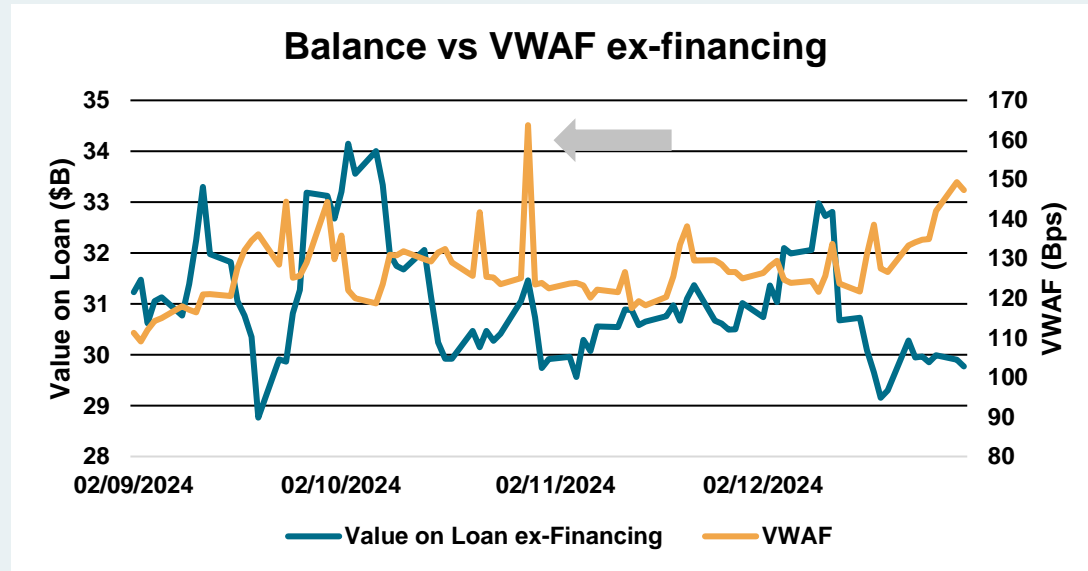
Top 5 Revenue Generating Fixed Income ETFs

ETF Name	Ticker	Investment type	Country	Revenue Generated (\$M)
iShares IBOXX Investment Grade	LQD	Fixed Income	US	\$22.2
iShares IBOXX High Yield Bond ETF	HYG	Fixed Income	US	\$19.3
SPDR Bloomberg Barclay High Yield Bond	JNK	Fixed Income	US	\$3.8
iShares JPMorgan USD MTS Bond ETF	EMB	Fixed Income	US	\$3.4
iShares National Muni Bond ETF	MUB	Fixed Income	US	\$2.6

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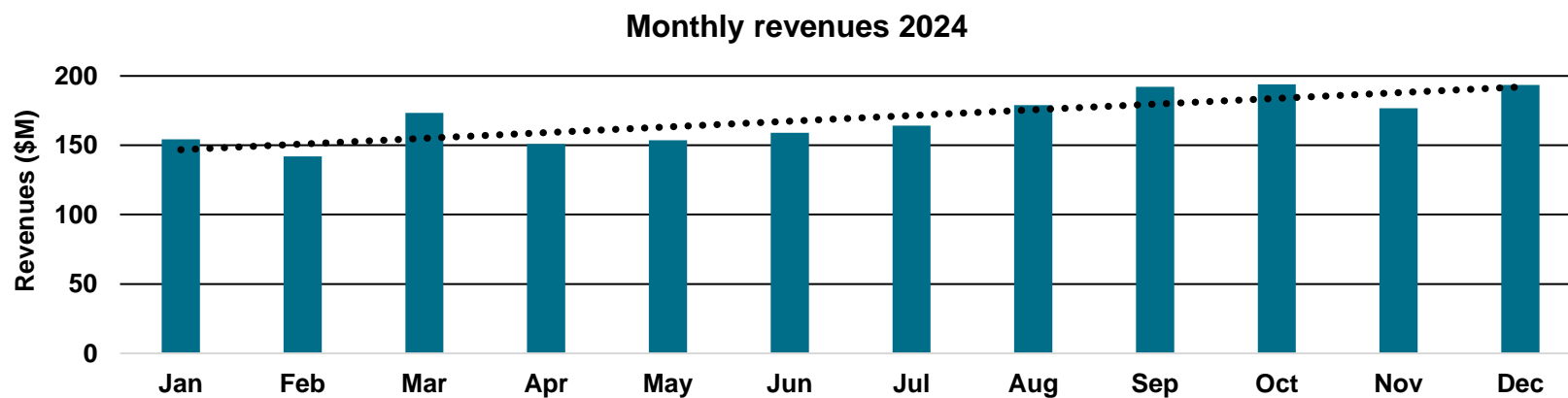
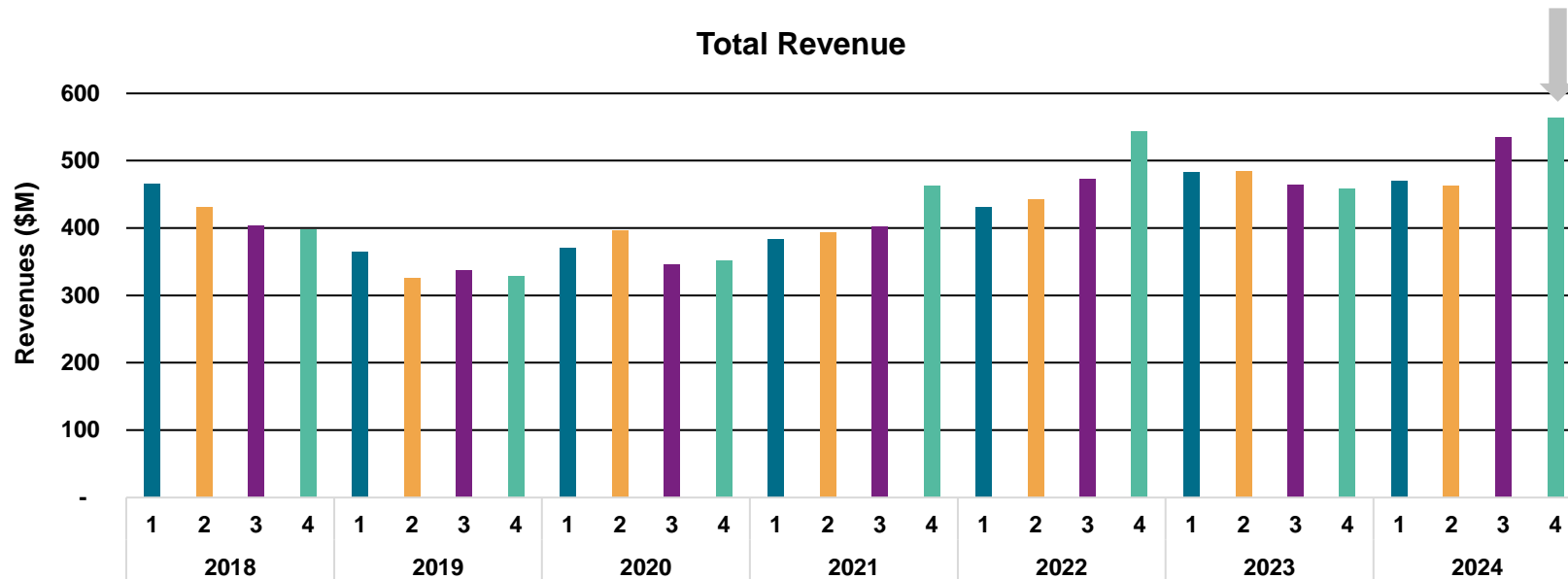
Depository Receipts



Stock Name	Ticker	Sector	Country	Revenue Generated (\$M)
Polestar Automotive Holdings	PSNY	North America Automobiles & Components	US	\$27.1M
Nio Ads Rep 1 CL A Ord	NIO	North America Automobiles & Components	US	\$19.7M
Belite Bio ADR	BLTE	North America Pharmaceuticals, Biotechnology & Life Sciences	US	\$12.0M
Sociedad Quimica ADR	SQM	North America Materials	US	\$11.1M
Infosys ADR	INFY	North America Software & Services	US	\$5.2M

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Government bond revenues spike during Q3



Interest rate uncertainty continued to boost returns during Q4.

Government bonds – Top borrows

Top 10 Q4 Revenue Generating Government Bonds

Top Earning Assets	CUSIP	Denomination	Country	Revenue Generated (\$M)
United States Treasury (4.125% 15-Aug-2044)	912810UD8	USD	US	\$13.2
United States Treasury (4.625% 15-Nov-2044)	912810UF3	USD	US	\$10.2
United States Treasury (3.5% 30-Sep-2029)	91282CLN9	USD	US	\$7.7
United States Treasury (3.5% 15-Feb-2033)	91282CGM7	USD	US	\$3.5
United States Treasury (3.375% 15-May-2033)	91282CHC8	USD	US	\$3.5
United States Treasury (4.5% 15-Nov-2033)	91282CJJ1	USD	US	\$3.3
United States Treasury (2.75% 15-Aug-2032)	91282CFF3	USD	US	\$3.2
United States Treasury (4% 15-Feb-2034)	91282CJZ5	USD	US	\$3.1
United States Treasury (3.5% 30-Sep-2026)	91282CLP4	USD	US	\$3.0
United States Treasury (3.875% 15-Aug-2034)	91282CLF6	USD	US	\$3.0

Source: S&P Global Market Intelligence Securities Finance

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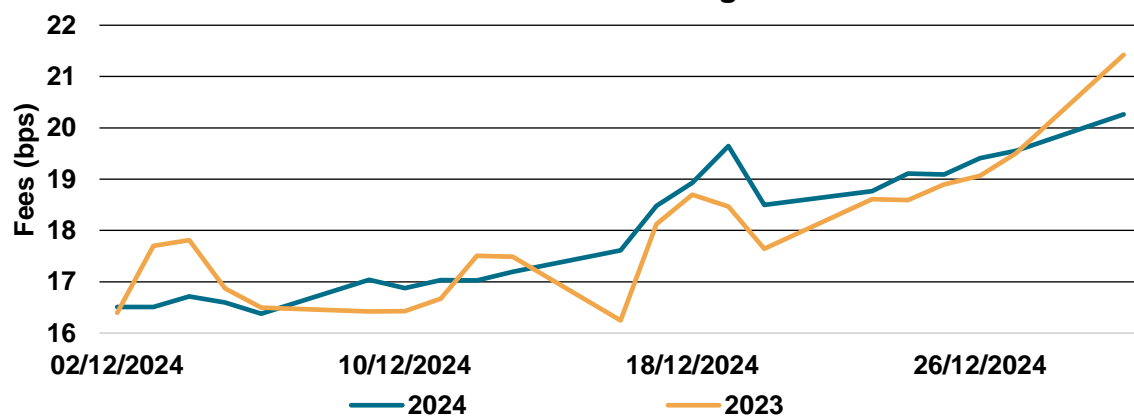
Top 10 Revenue Generating Bonds Full Year 2024

Top Earning Assets	CUSIP	Denomination	Country	Revenue Generated (\$M)
United States Treasury (4.125% 15-Aug-2044)	912810UD8	USD	US	\$26.8
United States Treasury (4.5% 15-Feb-2044)	912810TZ1	USD	US	\$13.6
United States Treasury (3.5% 15-Feb-2033)	91282CGM7	USD	US	\$13.6
United States Treasury (4% 15-Feb-2034)	91282CJZ5	USD	US	\$13.3
United States Treasury (3.375% 15-May-2033)	91282CHC8	USD	US	\$11.5
United States Treasury (4.5% 15-Nov-2033)	91282CJJ1	USD	US	\$11.3
United States Treasury (2.75% 15-Aug-2032)	91282CFF3	USD	US	\$10.8
United States Treasury (1.875% 15-Feb-2032)	91282CDY4	USD	US	\$10.7
United States Treasury (4.625% 15-Nov-2044)	912810UF3	USD	US	\$10.2
United Kingdom of Great Britain and Northern Ireland (Government) (0.25% 31-Jan-2025)	G4527HVF5	GBP	UK	\$9.8

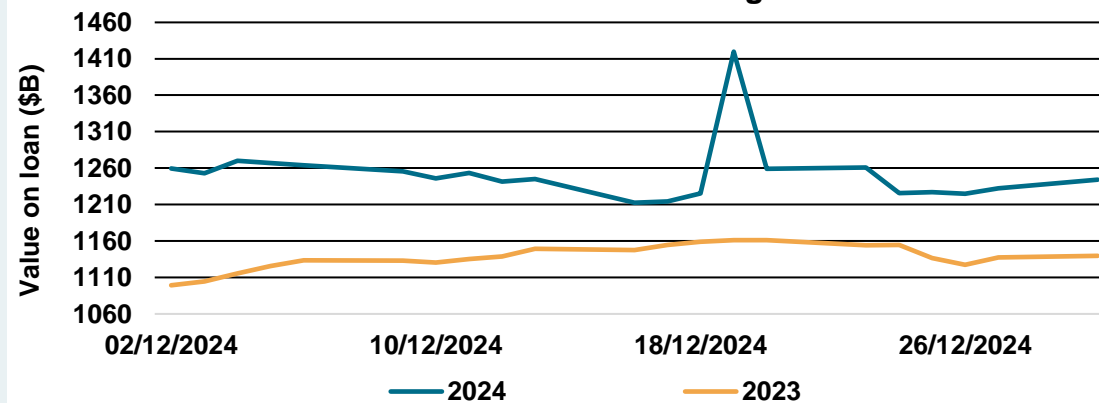
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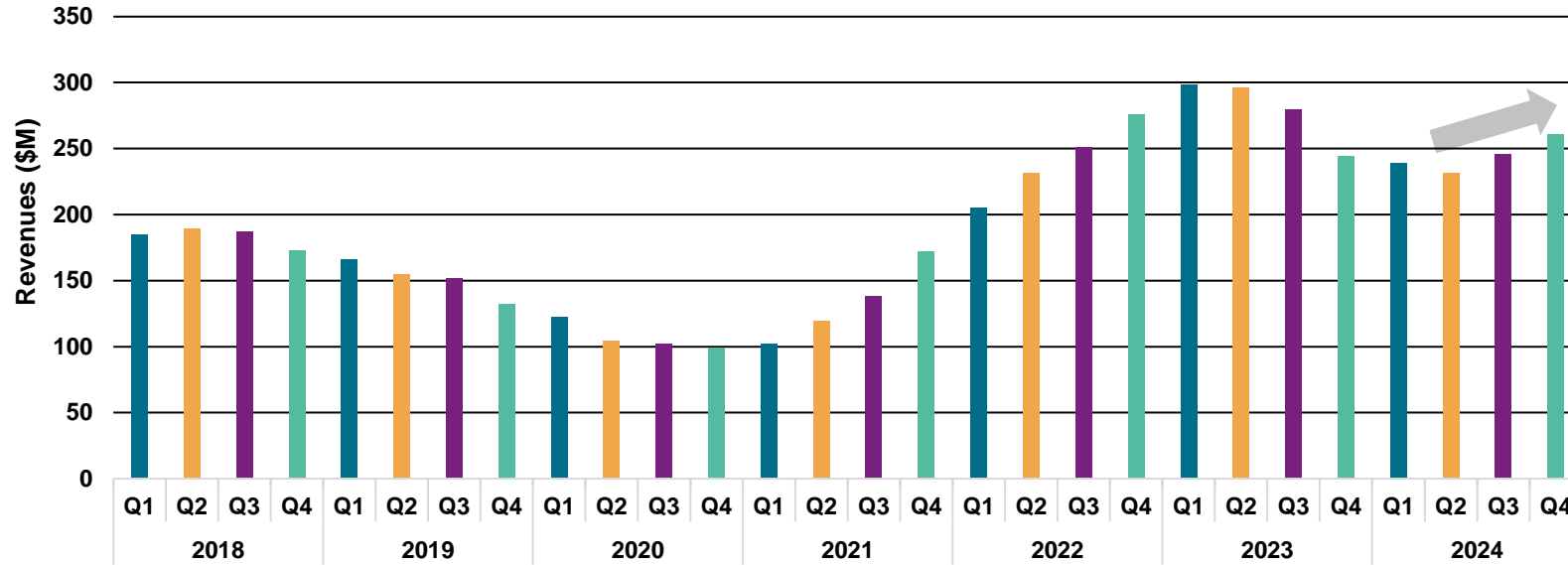
VWAF ex-financing



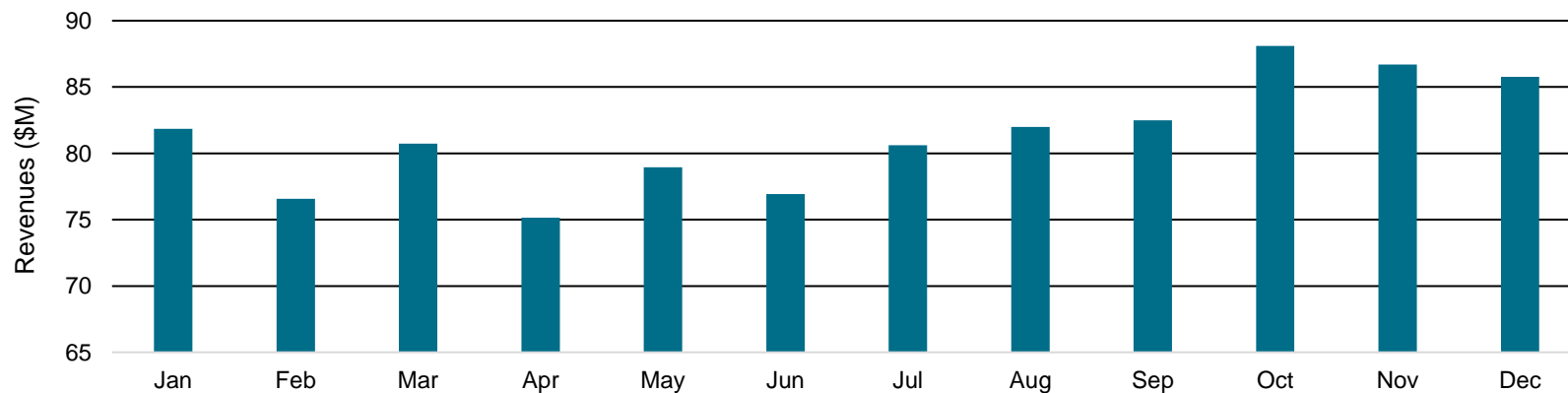
Value on loan ex-financing



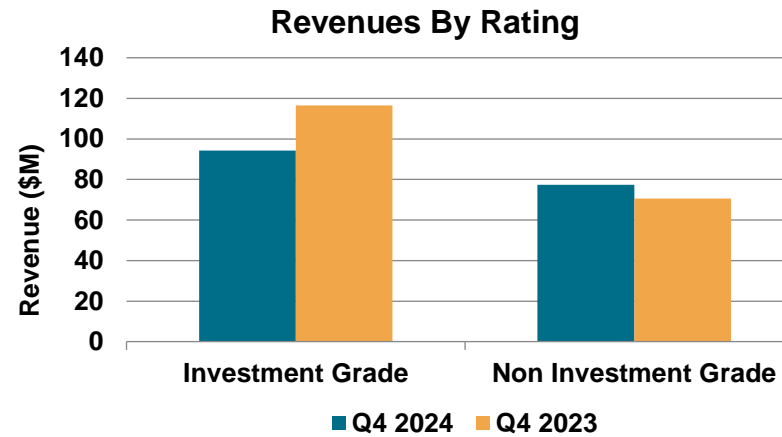
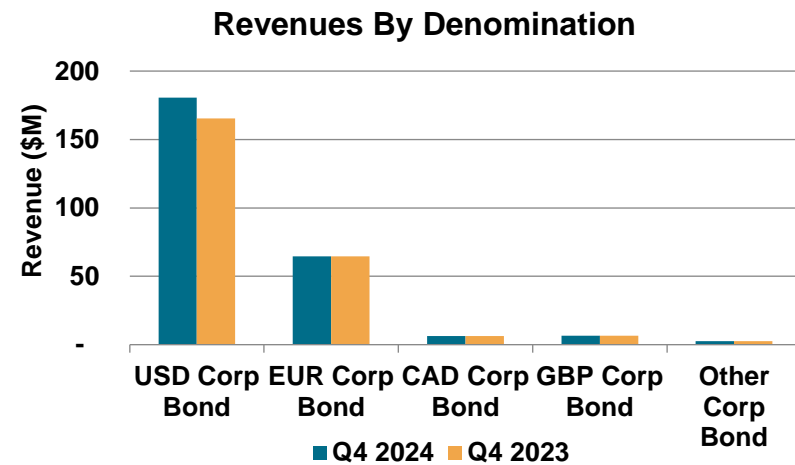
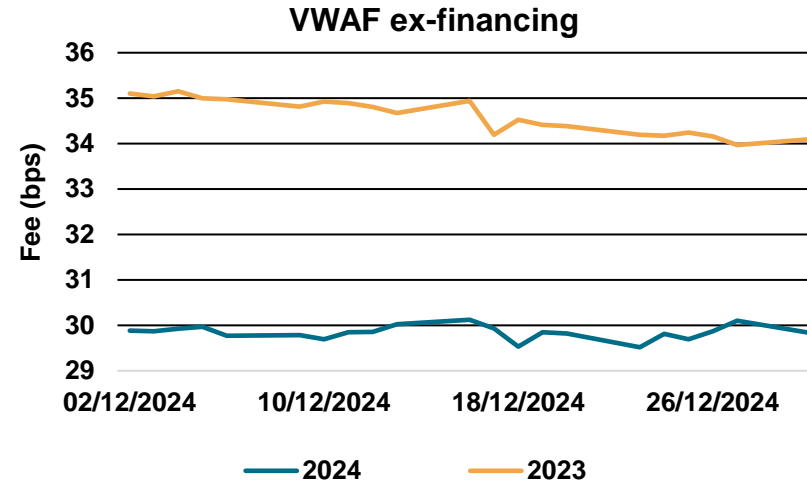
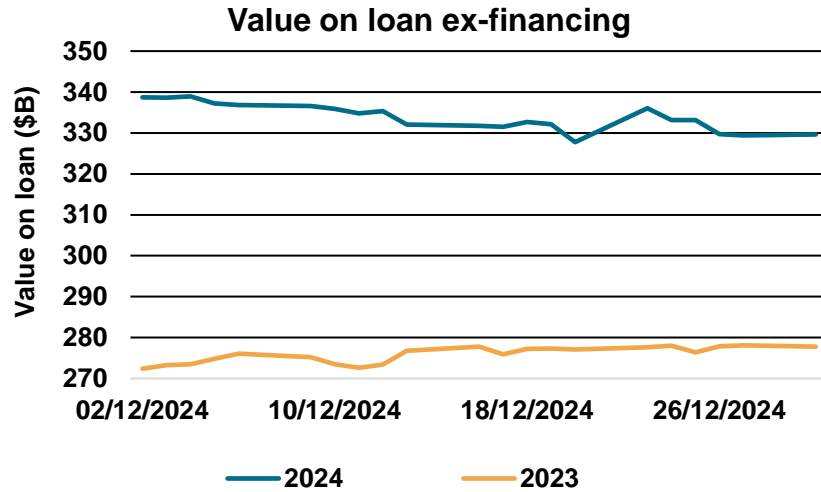
Corporate bond revenues increase QoQ



Q4 revenues climb QoQ and YoY growing by 7%



Fees remain stable as balances continue to grow



Average balances increased by 23% YoY as VWAF remained stable over the quarter.

Corporate Bonds – Top revenue generators

Top 10 Revenue Generating Corporate Bonds Q4

Top Earning Assets	CUSIP	Denomination	Asset Class	Revenue Generated (\$M)
New Fortress Energy Inc (6.5% 30-Sep-2026)	644393AB6	USD	Priv. Placement Corp Bond	\$5.5
New Fortress Energy Inc (8.75% 15-Mar-2029)	644393AC4	USD	Priv. Placement Corp Bond	\$4.3
MPT Operating Partnership Lp (5% 15-Oct-2027)	55342UAH7	USD	N.I.G. Corp Bond (Fixed Rate)	\$3.2
Worldline Sa (4.125% 12-Sep-2028)	F9867TJC8	EUR	N.I.G. Corp Bond (Fixed Rate)	\$1.9
MPT Operating Partnership Lp (5.25% 01-Aug-2026)	39138C106	USD	N.I.G. Corp Bond (Fixed Rate)	\$1.5
Hertz Corp (5% 01-Dec-2029)	W41422101	USD	Priv. Placemt Corp Bond (Fixed Rate)	\$1.5
Hanesbrands Inc (9% 15-Feb-2031)	J27869106	USD	Priv. Placemt Corp Bond (Fixed Rate)	\$1.4
Concentrix Corp (6.85% 02-Aug-2033)	91282CEF4	USD	I.G. Corp Bond (Fixed Rate)	\$1.3
B&G Foods Inc (5.25% 15-Sep-2027)	456788108	USD	N.I.G. Corp Bond (Fixed Rate)	\$1.3
Graftech Finance Inc (4.625% 15-Dec-2028)	233051879	USD	Priv. Placemt Corp Bond (Fixed Rate)	\$1.3

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Trump 2.0 and the new world order

Securities lending revenues will benefit from the ongoing uncertainty and potential volatility

- Key themes throughout 2025 are likely to include:
 - Trump and tariffs
 - USD dominance
 - Interest rates
 - Deal making
- A continuation of interest in fixed income assets as interest rate uncertainty grows and yields continue to fluctuate
- A growing use of ETFs to express market sentiment
- Growing contribution from APAC equities following the impressive growth seen in Taiwan, Japan and Malaysia
 - Renewed confidence in securities lending activity in Asia following new guidelines
 - Further Chinese stimulus measures?
- Will EMEA equity revenues make a recovery?



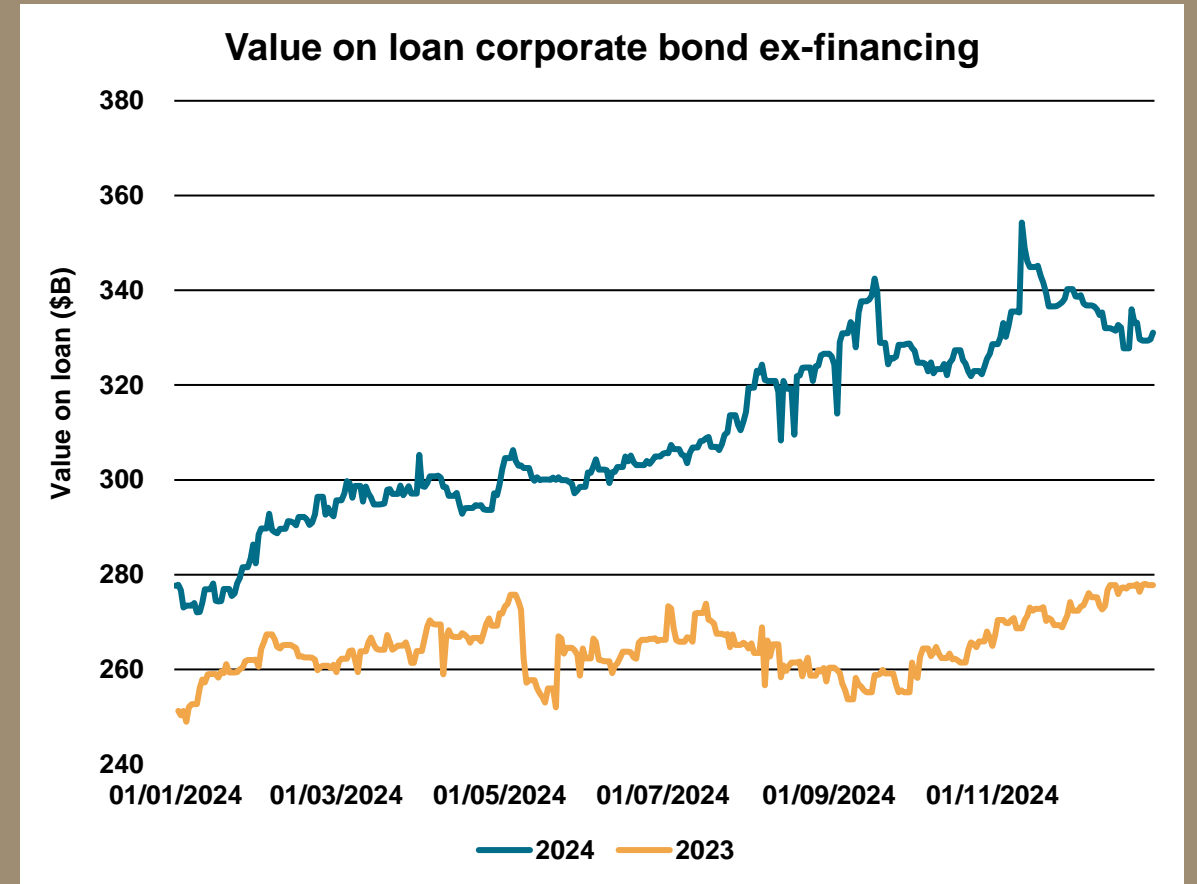
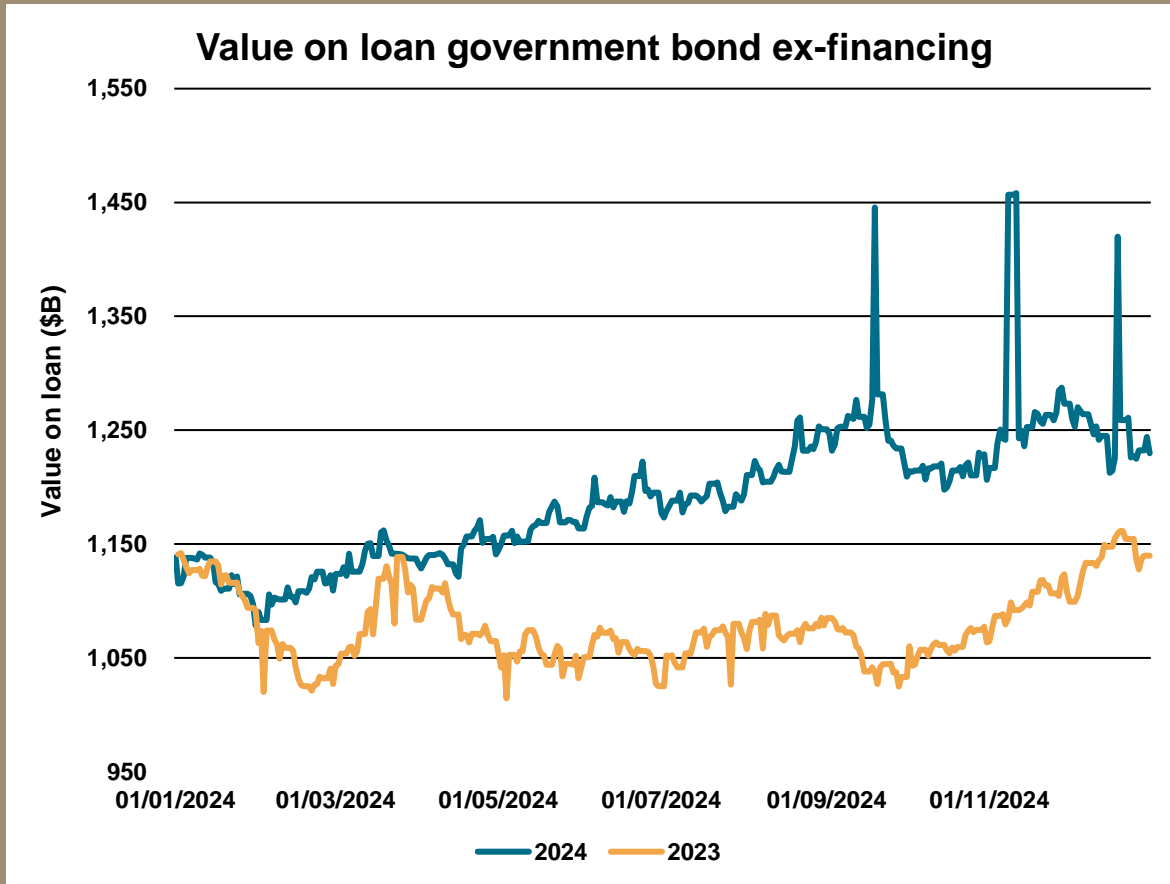
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Alexandre Roques

Head of Securities Lending Distribution

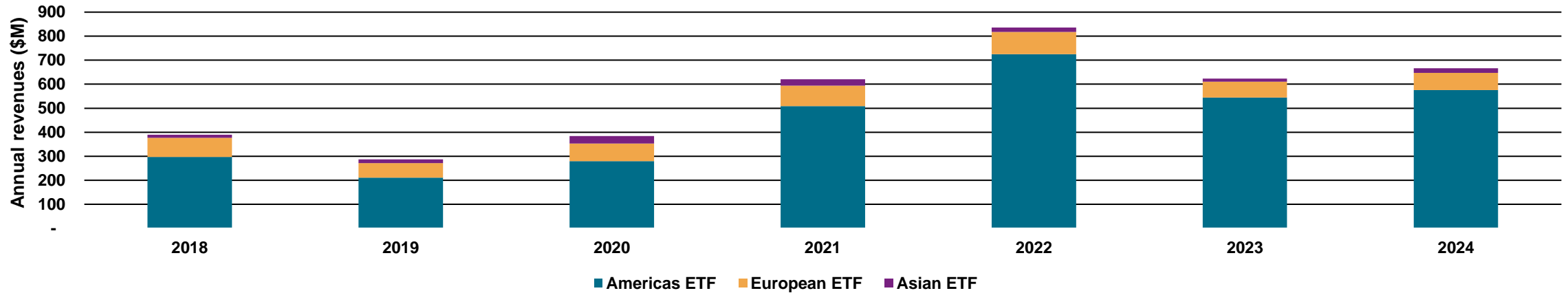
Alexandre Roques has over 20 years of experience in the securities finance industry, currently leading the securities lending distribution desk at Clearstream Banking, part of Deutsche Bourse Group. Since 2016, he has managed a global sales-trader team, handling transactions in over 30 jurisdictions for clients including investment banks, prime brokers, asset managers, and central banks. His expertise spans REPO, securities lending, collateral management, and treasury business lines. Alexandre has held various roles in the industry, notably at BNP Paribas in London and Paris, and has received multiple Global Investor ISF Awards, including a Lifetime Achievement Award.

The value on loan ex-financing of fixed income assets continues to grow

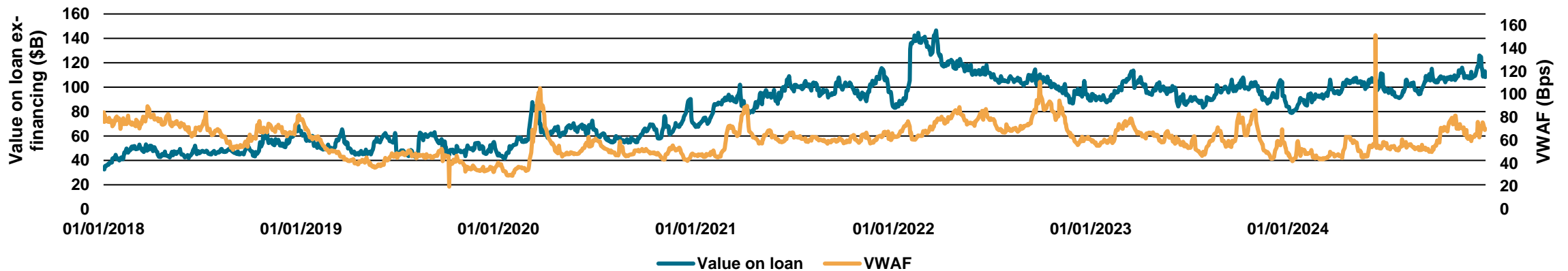


Revenues and balances of ETFs continue to grow

Annual revenues



Value on loan vs VWAF (all ex-financing)



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Please send all questions to.....

Matt.Chessum@spglobal.com

Thank you for your participation

Americas- Sales

P. +1 877 863 1306

E. market.intelligence@spglobal.com

EMEA- Sales

P. +44 20 7176 1234

E. market.intelligence@spglobal.com

APAC- Sales

P. +852 2533 3565

E. market.intelligence@spglobal.com

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