

Securities Finance

APAC Review February 2023



Revenues

APAC Equity Finance Snapshot - 2022

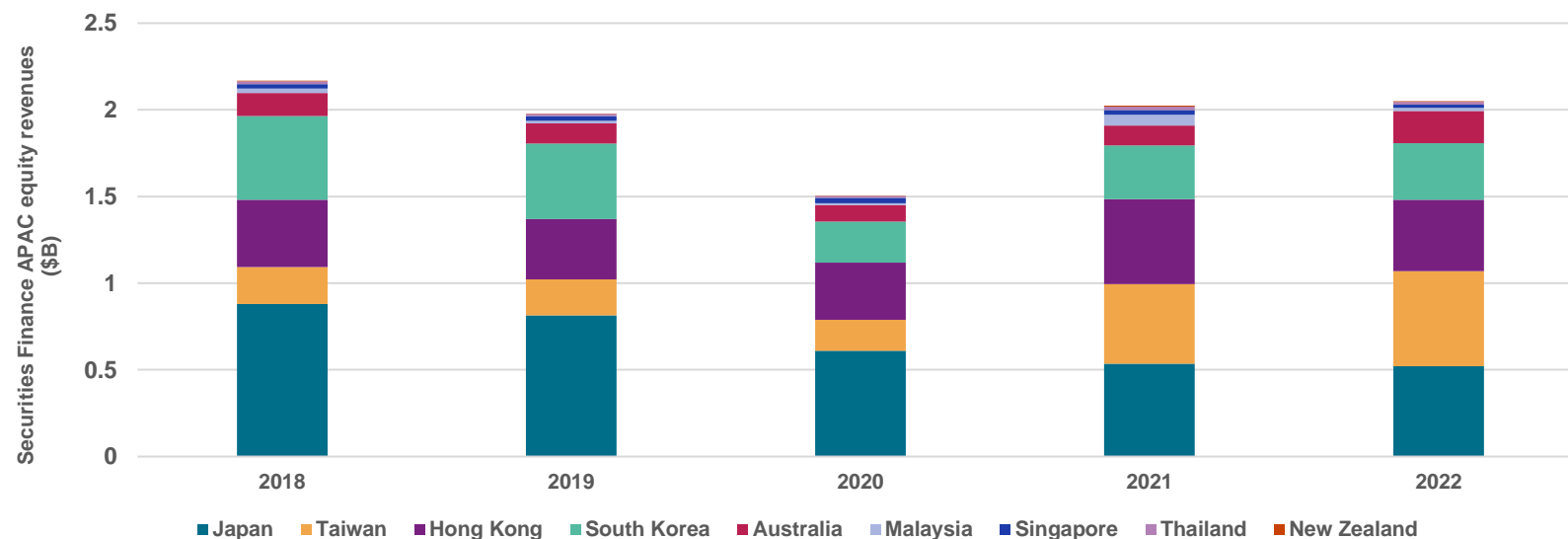
Asset Class	Rev YTD (\$M)	Rev YoY %Chg	Avg Balances (\$B)	Bal YoY %Chg	Avg Fee	Fee YoY %Chg	Avg Utilization	Util YoY %Chg
Asia Equity	\$2,051	1.3%	\$214	-1%	0.97%	3%	5.2%	18%
Japan Equity	\$521	-2.8%	\$119	4%	0.42%	-7%	6.1%	27%
Taiwan Equity	\$548	19.5%	\$21	5%	2.58%	20%	10.2%	29%
Hong Kong Equity	\$413	-15.8%	\$33	-24%	1.26%	10%	4.5%	0%
South Korea Equity	\$326	5.1%	\$16	21%	2.01%	-4%	5.7%	87%
Australia Equity	\$185	62.7%	\$21	1%	0.94%	65%	3.7%	3%
Malaysia Equity	\$19	-70.1%	\$0.4	-42%	4.17%	-47%	3.3%	-29%
Singapore Equity	\$19	-32.7%	\$2	21%	0.86%	-41%	3.1%	21%
Thailand Equity	\$16	-16.1%	\$0.8	12%	2.06%	-24%	4.2%	24%
New Zealand Equity	\$4	-18.9%	\$0.4	-48%	0.95%	51%	3.5%	-30%

Note: Includes only transactions with positive fees

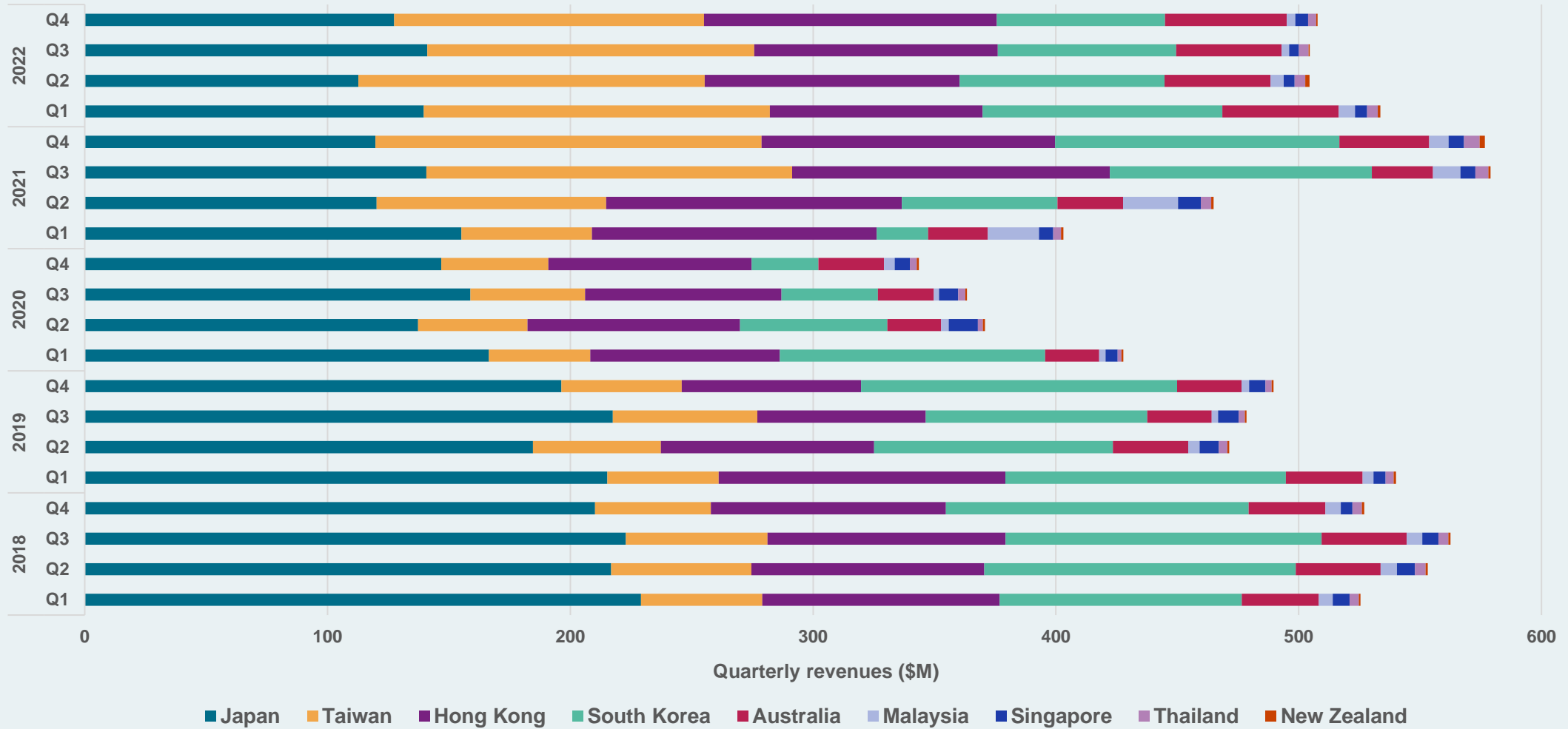
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Source : S&P Global Market Intelligence Securities Finance

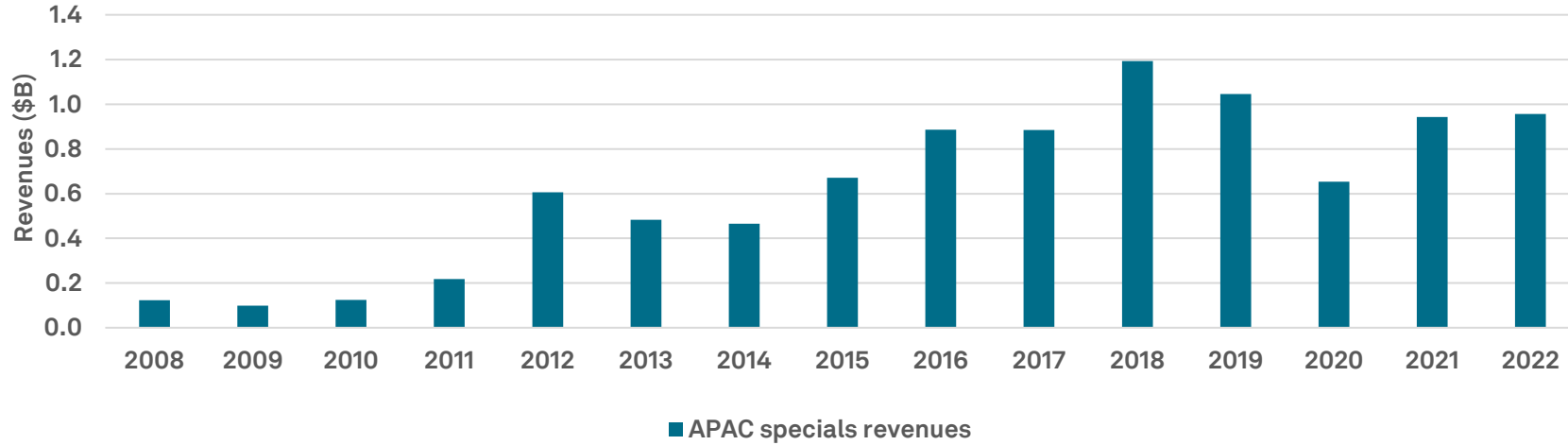
+\$2B in APAC equity revenues during 2022



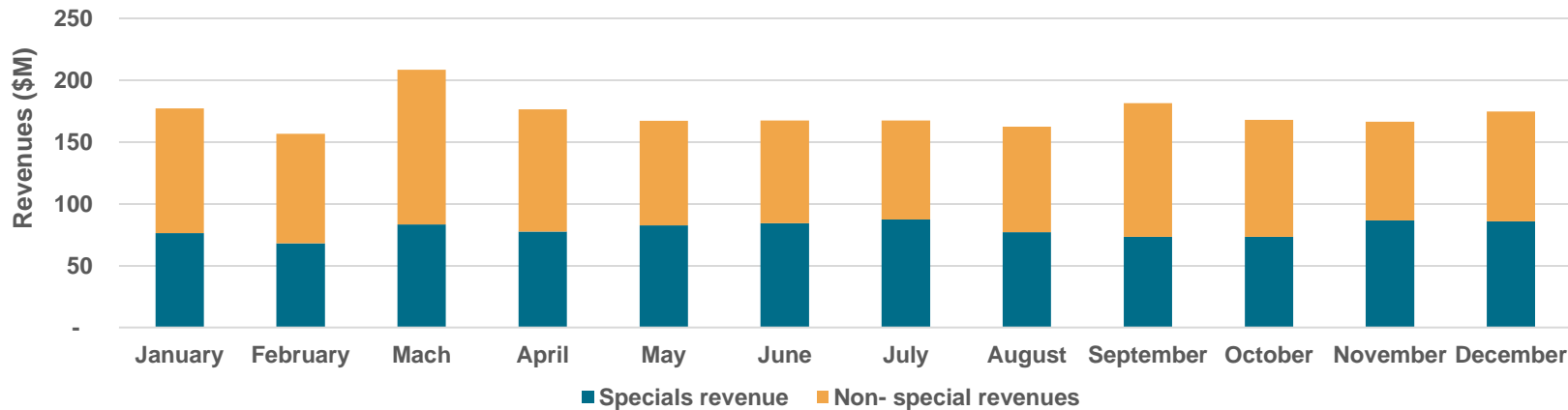
Quarterly revenues by market



Equity specials revenue per year



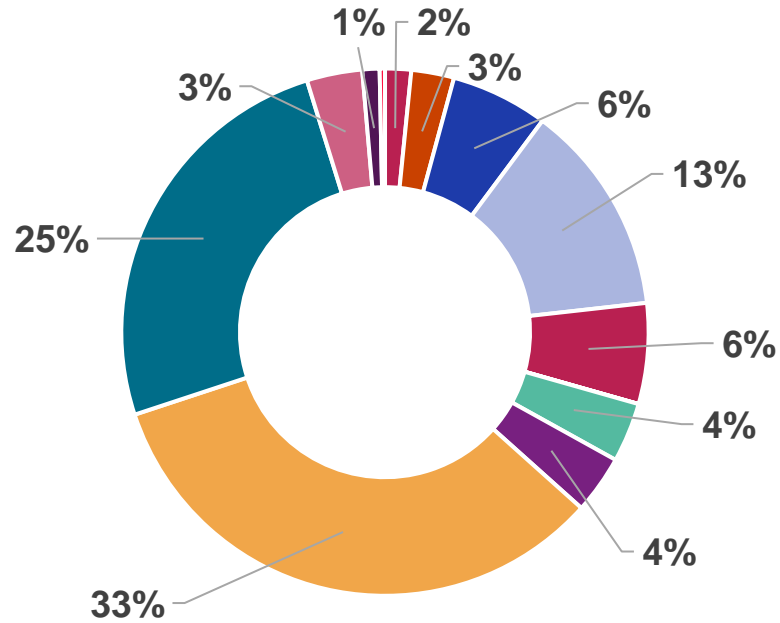
Equity revenues per month of 2022



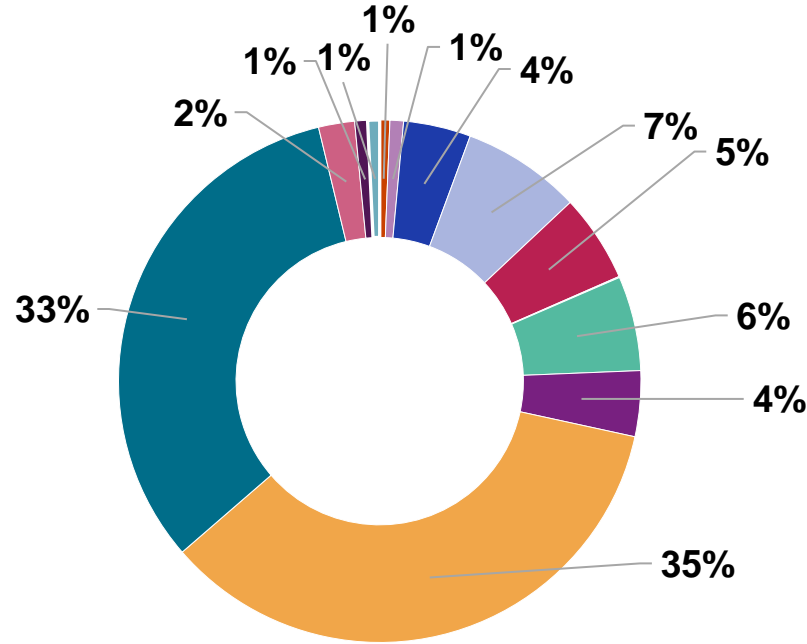
APAC equity specials revenues peaked in 2018

Revenue and asset distribution by APAC lending entity

Lendable assets per APAC based entity



Total revenues per APAC based entity

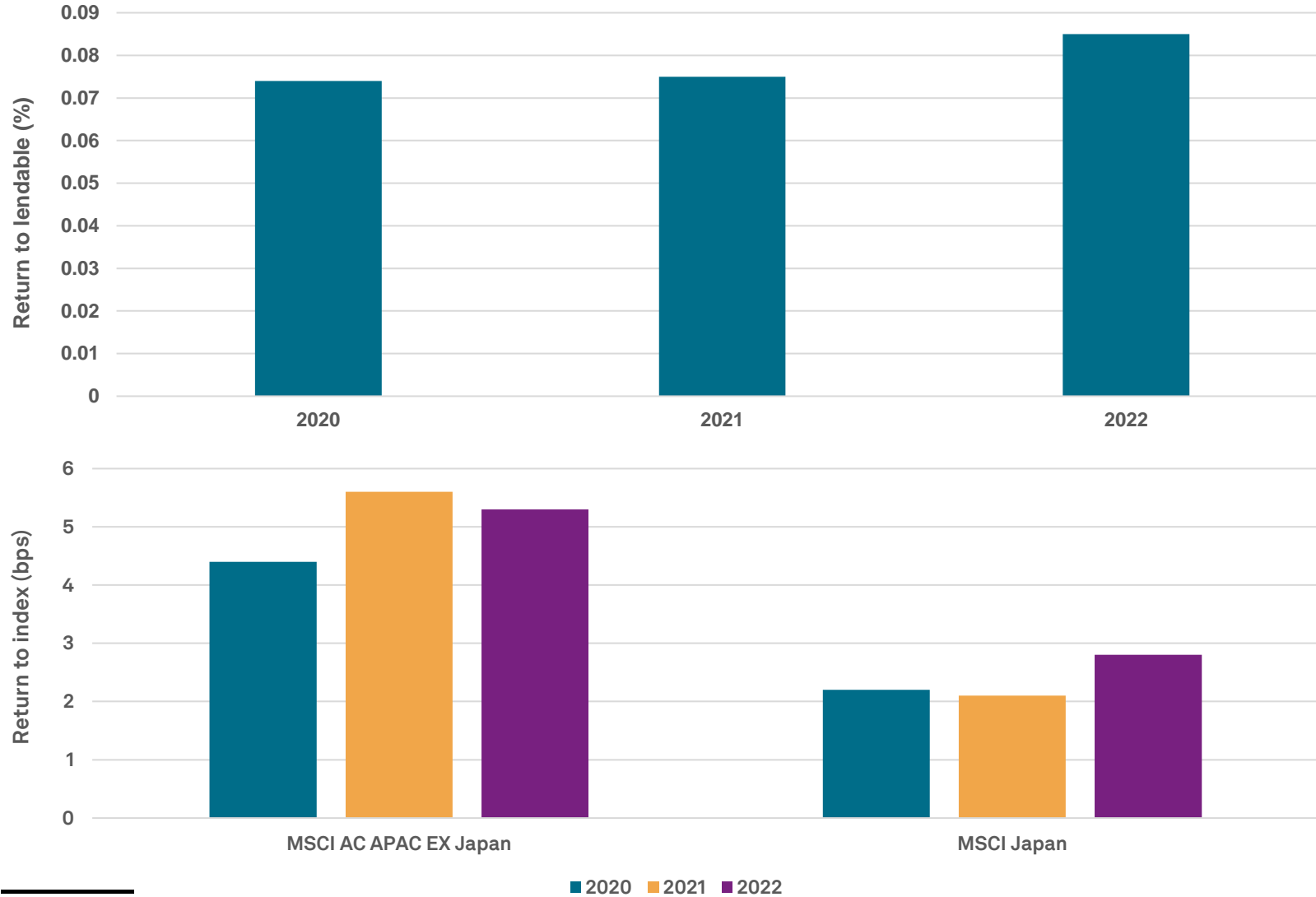


- Bank
- Insurance Company
- Mutual Fund
- Public Pension Plan
- Central Bank
- Investment Trust
- Non-Public Pension Plan
- Quasi-Governmental Body
- Corporate
- Life Insurance
- Pension Fund
- Supranational

Lenders based in AU, JP, MY, NZ, SG, SK, HK, TW, TH.

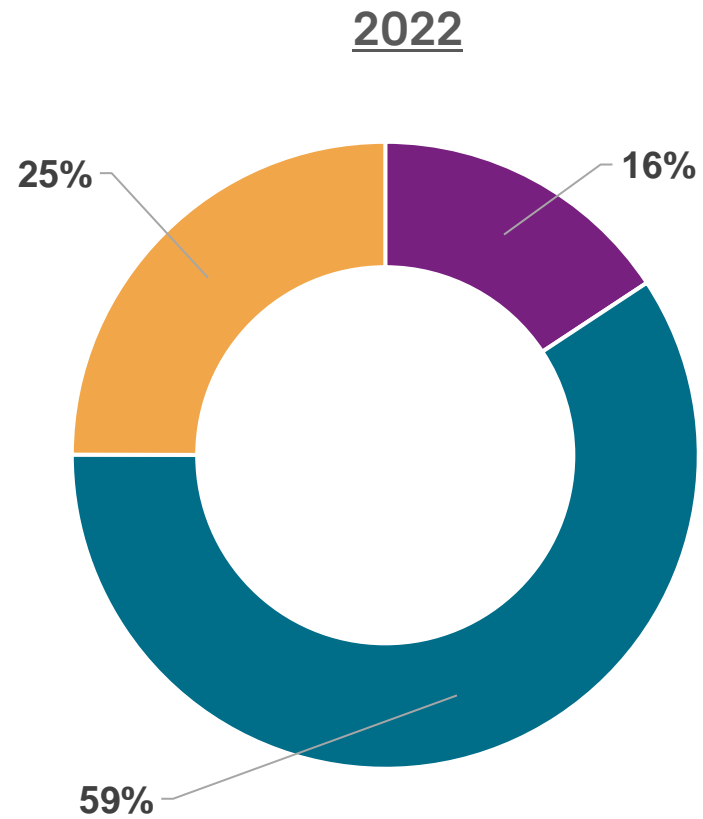
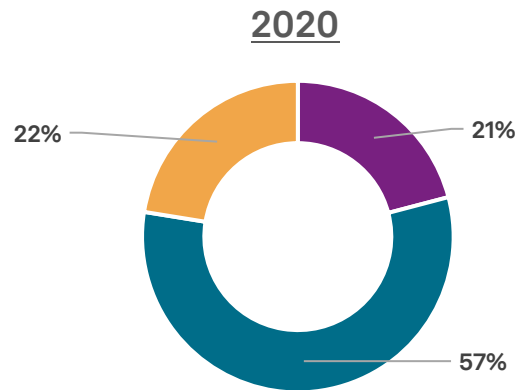
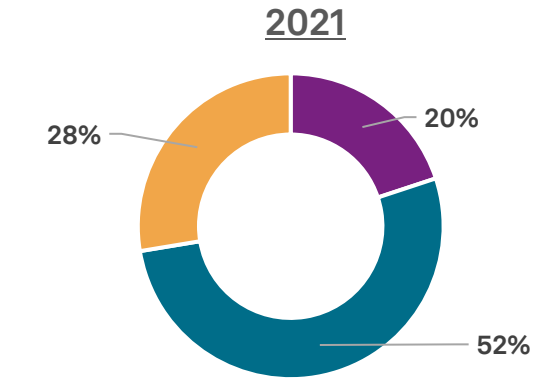
Pension funds generated the most revenues from APAC lenders throughout 2022

APAC equities return to lendable



Return to lendable increased YoY to 8.5bps in 2022

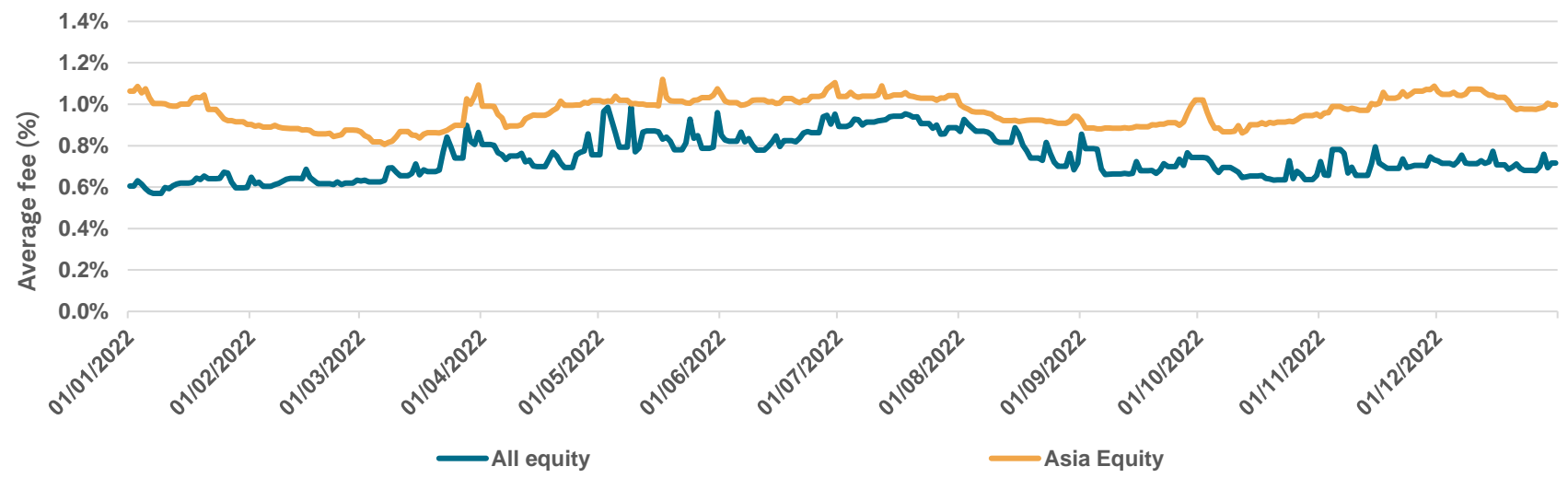
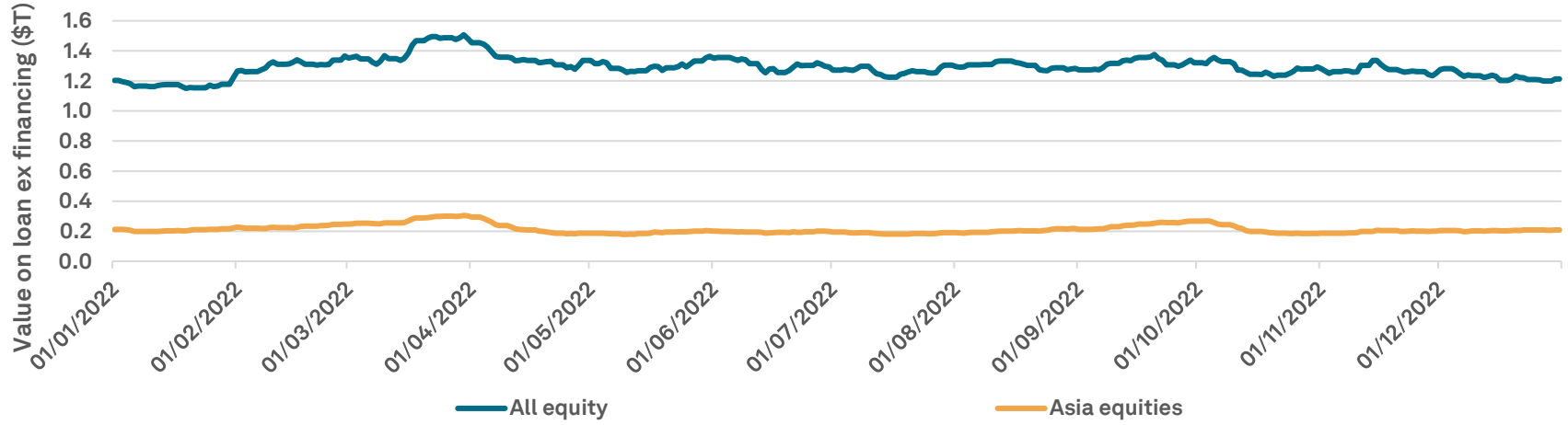
APAC Revenues



■ EMEA equity ■ Americas equities ■ APAC equities

Proportion of equity revenues generated by APAC equities decreased YoY

Average balances and fees (VWAF)



Volume Weighted Average Fee ex financing

All equities \$1.293T

APAC equities \$213.6B

All equities 74bps

APAC equities 94bps

Top revenue generators and most borrowed sectors of 2022

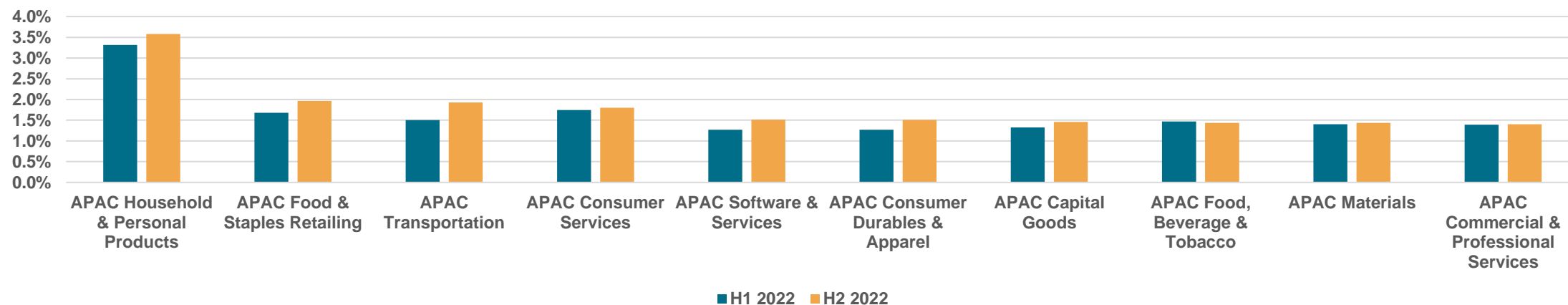
Top 10 Revenue Generators - APAC equities 2022

Ticker	Name	SL Revenue (\$M)	Market	Sector	SEDOL
373220	Lg Energy Solution Ltd	25.85	KR Equity (KOSPI50)	Asia Capital Goods	BNSP8W5
6669	Wiwynn Corp	22.38	TW Equity (TWSE)	Asia Technology Hardware & Equipment	BF4QXG5
323410	Kakaobank Corp	18.95	KR Equity (KOSPI50)	Asia Banks	BNXKTM2
259960	Krafton Inc	18.47	KR Equity (KOSPI50)	Asia Media and Entertainment	BMBP900
LKE	Lake Resources NI	17.09	AU Equity (ASX SmallCap)	Australasia Materials	6397267
2303	United Microelectronics Corp	16.99	TW Equity (TWSE)	Asia Semiconductors & Semiconductor Equipmen	6916628
1797	Koolearn Technology Holding Ltd	16.59	HK Equity (Others)	Asia Consumer Services	BDFZ4G4
8046	Nan Ya Printed Circuit Board Corp	15.16	TW Equity (TWSE)	Asia Technology Hardware & Equipment	B118753
819	Tianneng Power International Ltd	14.72	HK Equity (Others)	Asia Consumer Services	B1XDJC7
3333	China Evergrande Group	14.65	HK Equity (Others)	Asia Real Estate	BD3DS68

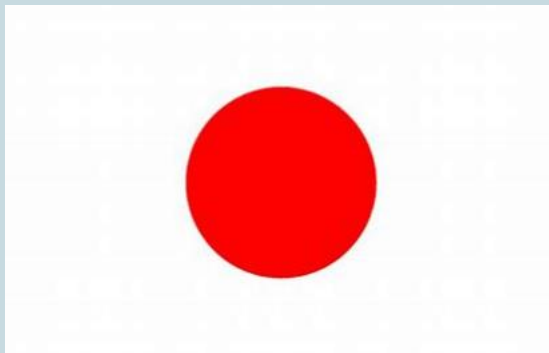
Source : S&P Global Securities Finance

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\$ Short Loan Value as a % of Market Cap

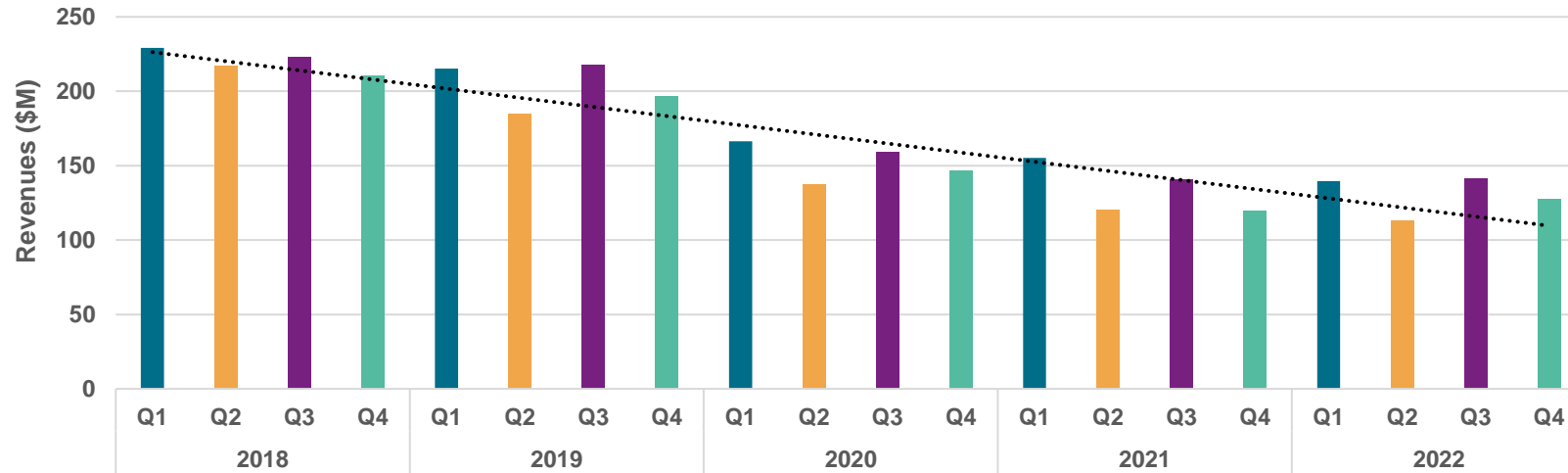


Japan

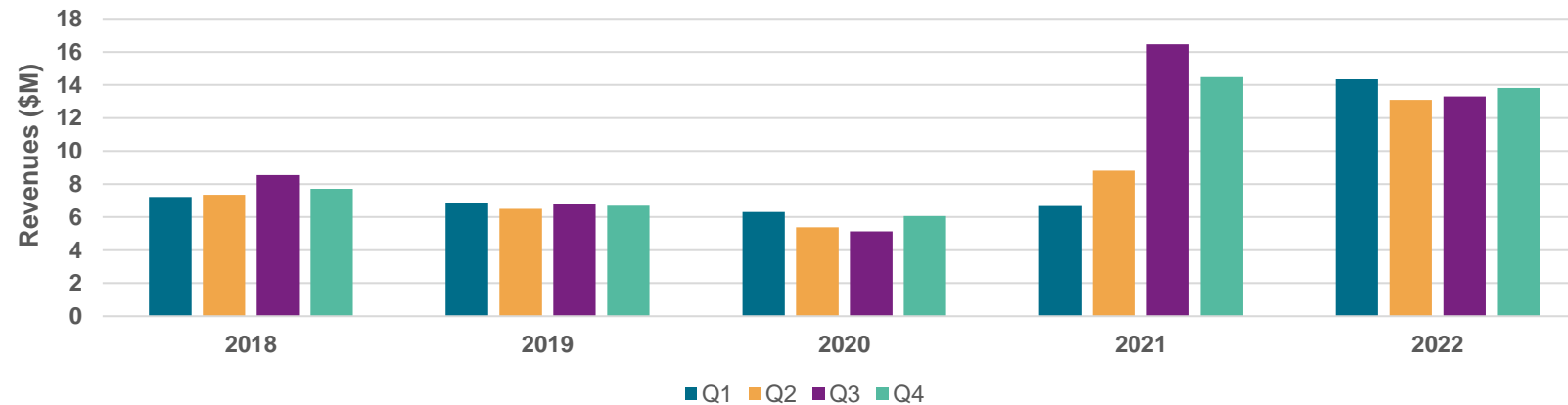


Annual revenues

Japanese equity revenues

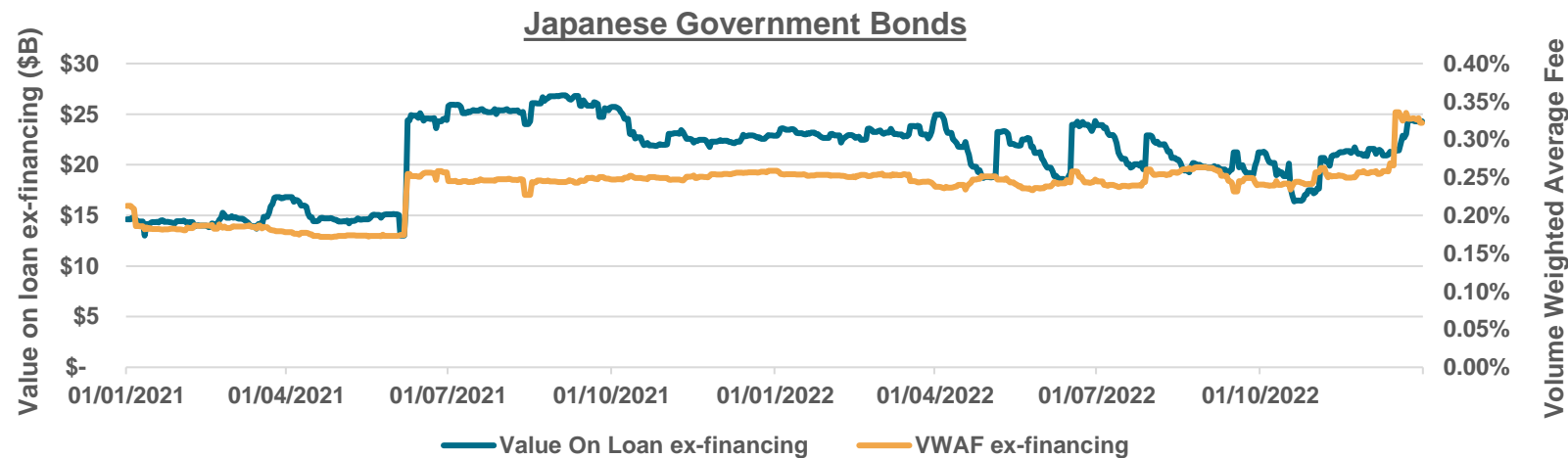
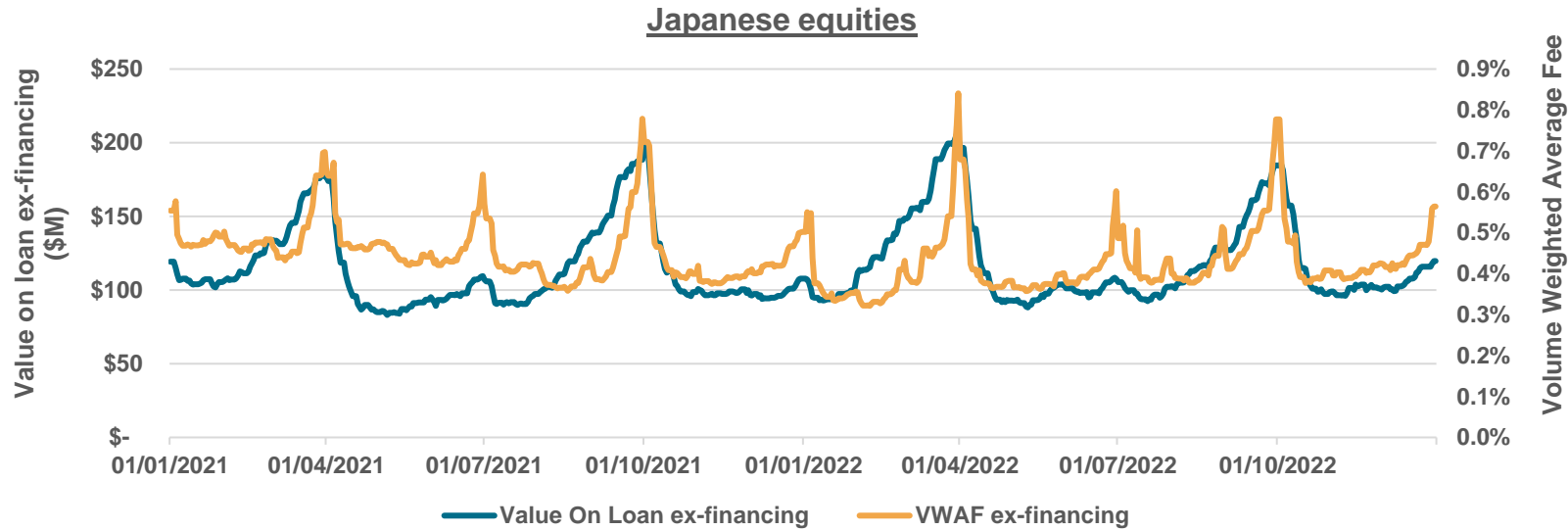


Japanese Government Bond revenues



Revenues from Japanese equities decline but increase from JGBs

Average balances vs average fees (VWAF)



Volume Weighted Average Fee ex financing

VWAF for JGBs recently surpassed 30bps

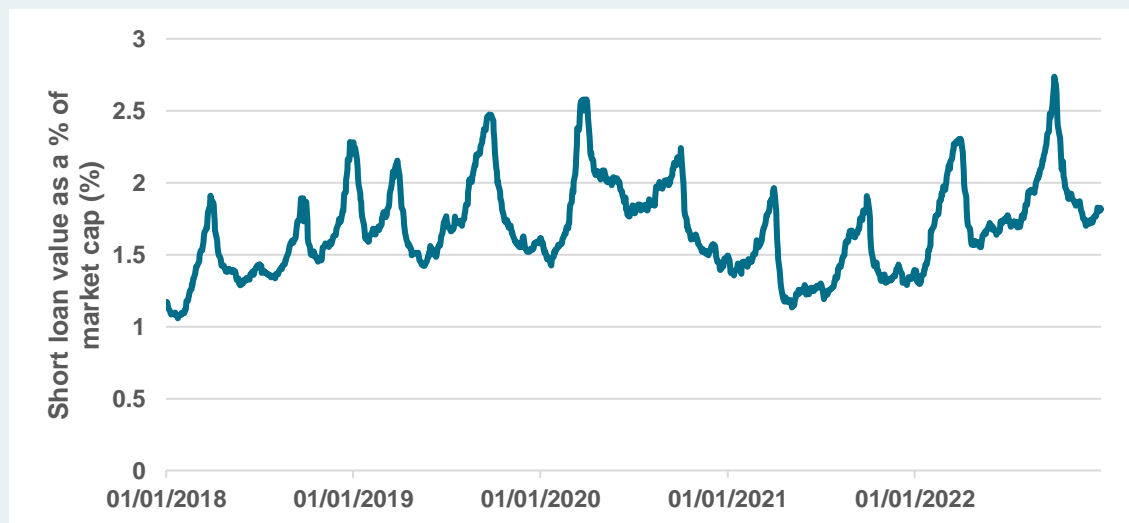
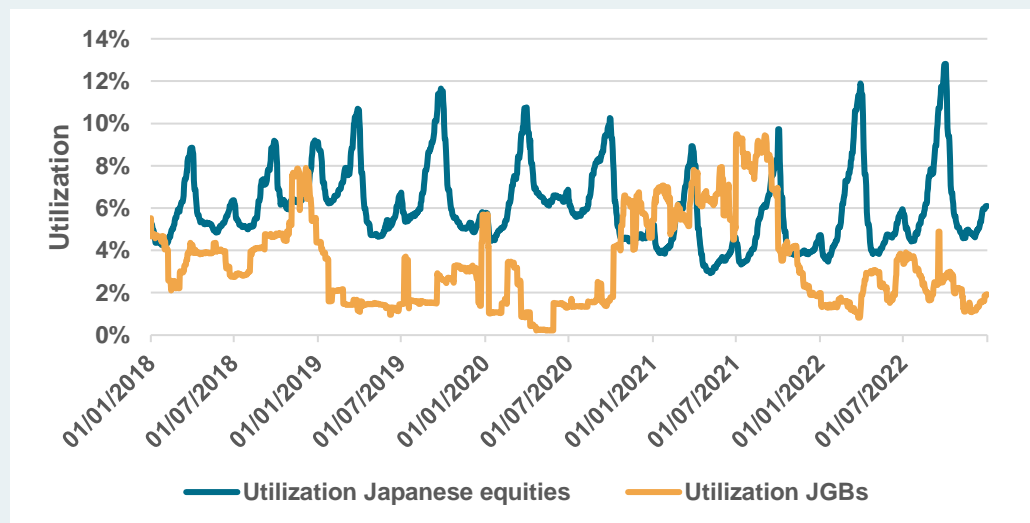
Top borrows of 2022, utilization and short loan value as a % of market cap

Top 10 Revenue Generators - Japanese equities 2022

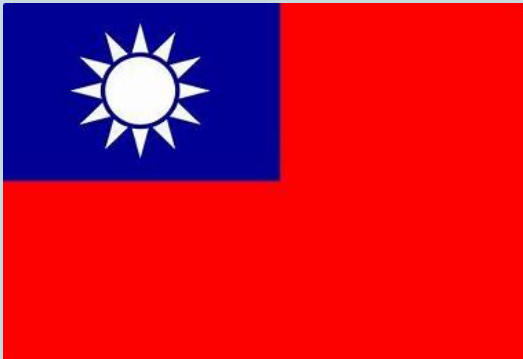
Ticker	Name	SL Revenue (\$M)	Market	Sector	SEDOL
9101	Nippon Yusen Kk	10.60	JP Equity (Nikkei 225)	Japan Transportation	6643960
7816	Snow Peak Inc	9.58	JP Equity (Others)	Japan Consumer Durables & Apparel	BSLVC23
7203	Toyota Motor Corp	7.67	JP Equity (Nikkei 225)	Japan Automobiles & Components	6900643
9433	Kddi Corp	6.76	JP Equity (Nikkei 225)	Japan Telecommunication Services	6248990
8001	Itochu Corp	6.24	JP Equity (Nikkei 225)	Japan Capital Goods	6467803
7342	Wealthnavi Inc	6.19	JP Equity (Others)	Japan Diversified Financials	BMC6VV7
8316	Sumitomo Mitsui Financial Group Inc	5.93	JP Equity (Nikkei 225)	Japan Banks	6563024
8306	Mitsubishi Ufj Financial Group Inc	5.88	JP Equity (Nikkei 225)	Japan Banks	6335171
9104	Mitsui O.S.K. Lines Ltd	5.80	JP Equity (Nikkei 225)	Asia Consumer Services	6597584
7751	Canon Inc	5.59	JP Equity (Nikkei 225)	Japan Technology Hardware & Equipment	6172323

Source : S&P Global Securities Finance

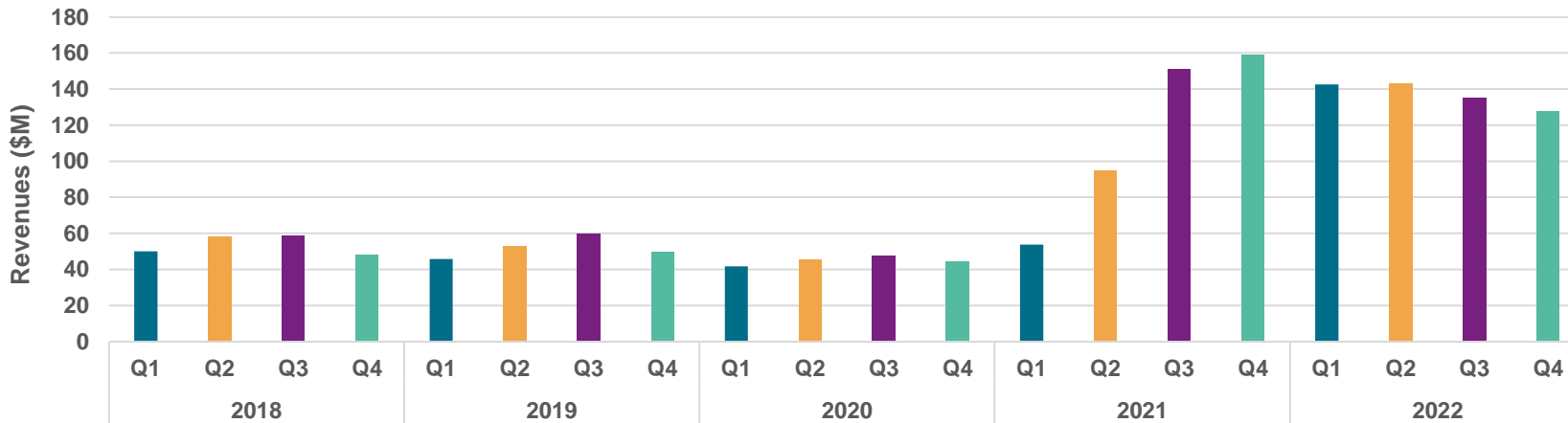
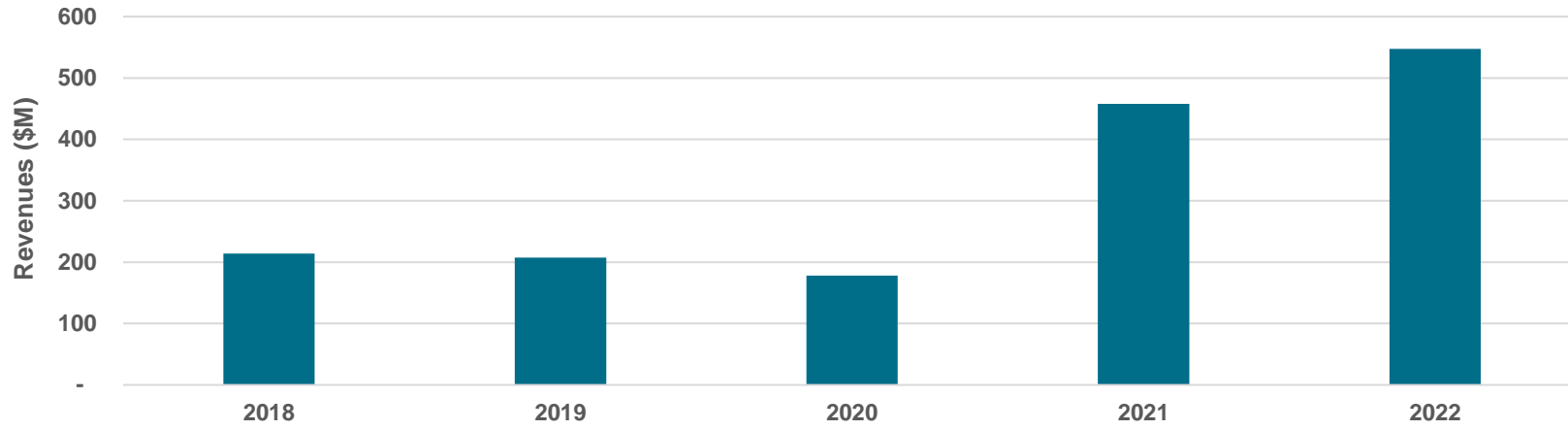
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Taiwan

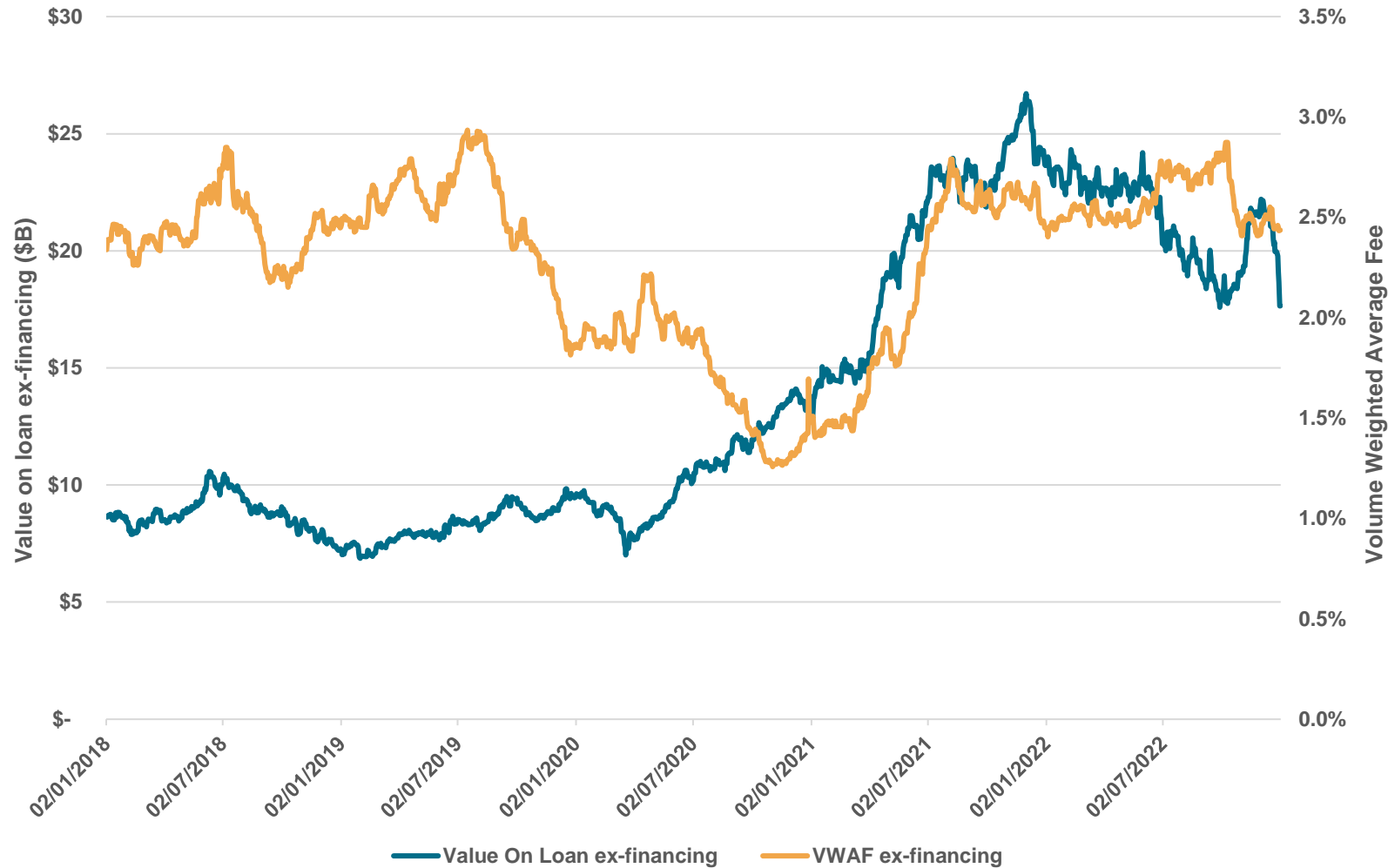


Annual revenues



Revenues from Taiwanese equities continue to grow

Average balances vs average fees (VWAF)



Value on loan declined during 2022

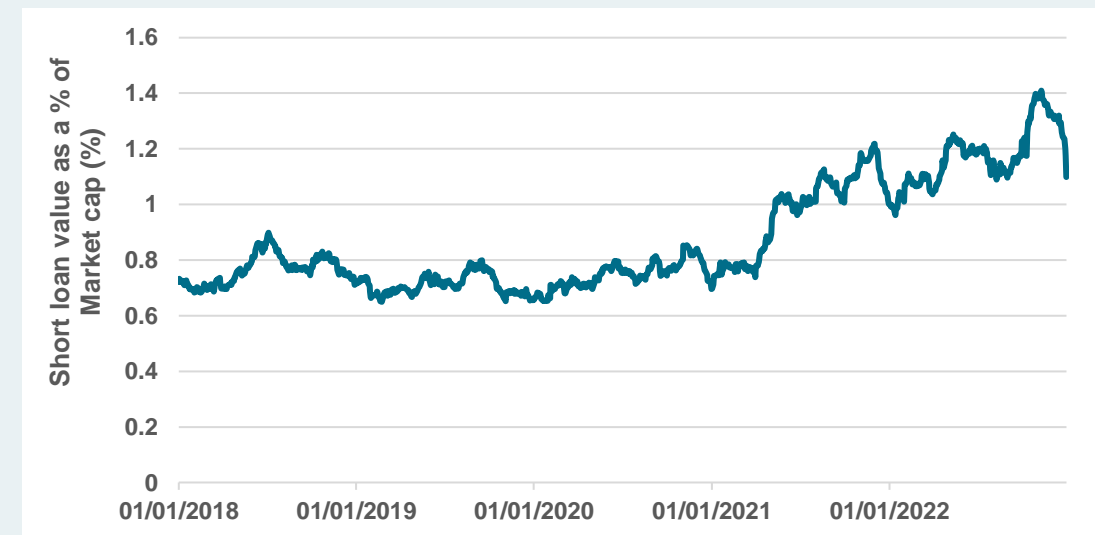
Top borrows of 2022, utilization and short loan value as a % of market cap

Top 10 Revenue Generators - Taiwanese equities 2022

Ticker	Name	SL Revenue (\$M)	Market	Sector	SEDOL
6669	Wiwynn Corp	22.38	TW Equity (TWSE)	Asia Technology Hardware & Equipment	BF4QXG5
2303	United Microelectronics Corp	16.92	TW Equity (TWSE)	Asia Semiconductors & Semiconductor Equipment	6916628
8046	Nan Ya Printed Circuit Board Corp	15.16	TW Equity (TWSE)	Asia Technology Hardware & Equipment	B118753
3034	Novatek Microelectronics Corp	14.48	TW Equity (TWSE)	Asia Semiconductors & Semiconductor Equipment	6346333
2353	Acer Inc	13.20	TW Equity (TWSE)	Asia Technology Hardware & Equipment	6005850
2409	Auo Corp	12.61	TW Equity (TWSE)	Asia Technology Hardware & Equipment	6288190
2610	China Airlines Ltd	9.92	TW Equity (TWSE)	Asia Transportation	6189657
2615	Wan Hai Lines Ltd	8.88	TW Equity (TWSE)	Asia Transportation	6932334
5347	Vanguard International Semiconductor Corp	8.53	TW Equity (Others)	Asia Semiconductors & Semiconductor Equipment	6109677
3037	Unimicron Technology Corp	7.57	TW Equity (TWSE)	Asia Technology Hardware & Equipment	6137720

Source : S&P Global Securities Finance

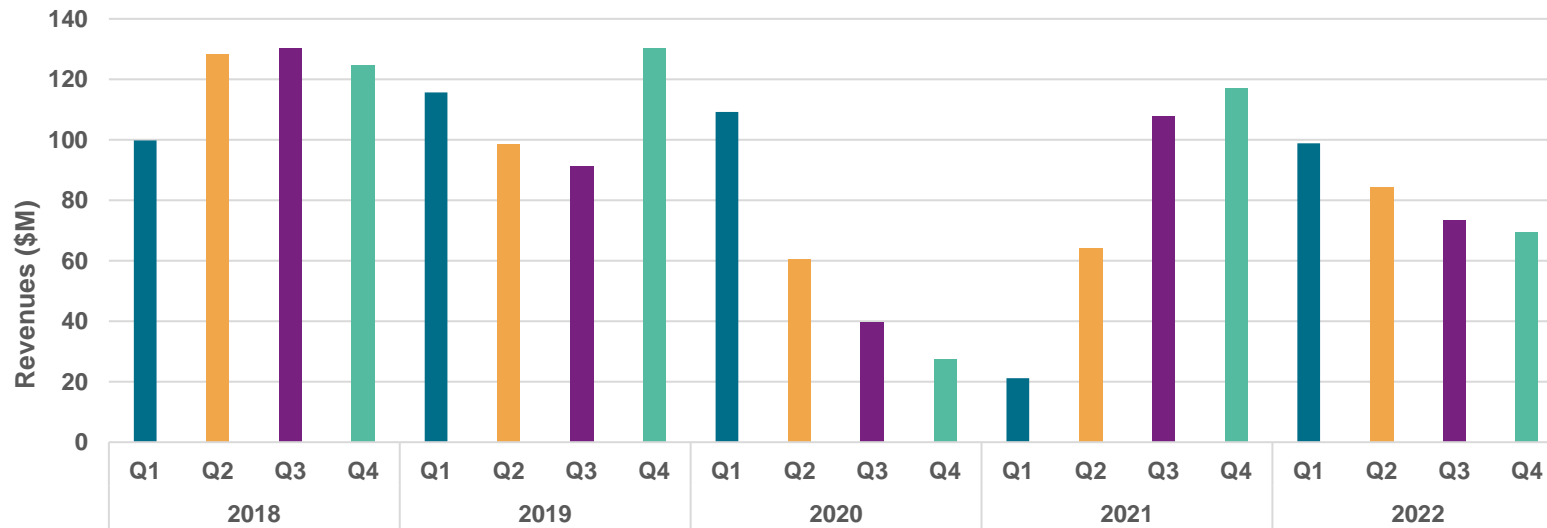
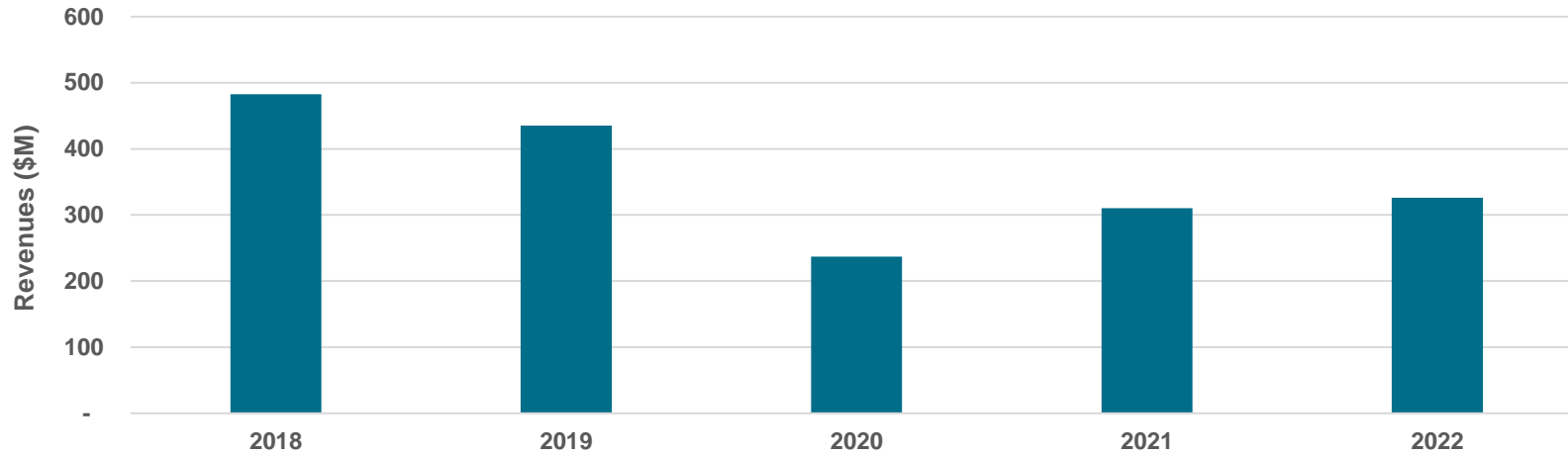
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South Korea



Annual revenues



Revenues
+5.1% YoY,
despite
declining QoQ
over 2022

Average balances vs average fees (VWAF)



Value on loan slowly declined during 2022 in line with VWAF

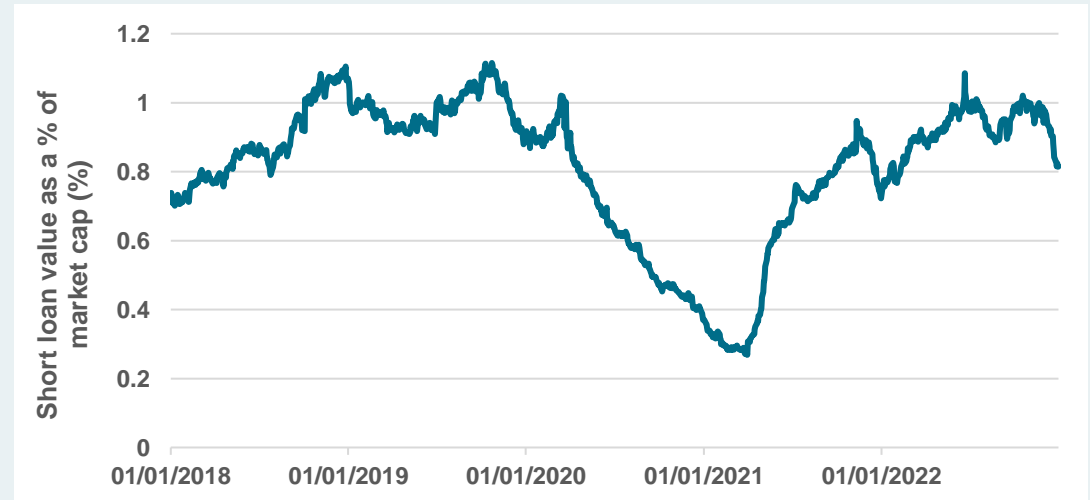
Top borrows of 2022 and utilization

Top 10 Revenue Generators - South Korean equities 2022

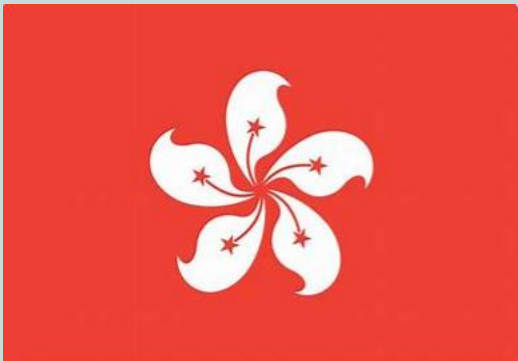
Ticker	Name	SL Revenue (\$M)	Market	Sector	SEDOL
373220	Lg Energy Solution Ltd	25.85	KR Equity (KOSPI50)	Asia Capital Goods	BNSP8W5
323410	Kakaobank Corp	18.95	KR Equity (KOSPI50)	Asia Banks	BNXKTM2
259960	Krafton Inc	18.47	KR Equity (KOSPI50)	Asia Media and Entertainment	BMBP900
112040	Wemade Co Ltd	11.30	KR Equity (Others)	Asia Media and Entertainment	B4Y8TB1
377300	Kakaopay Corp	9.75	KR Equity (KOSPI50)	Asia Software & Services	BP8ZCS3
247540	Ecopro Bm Co Ltd	8.52	KR Equity (Others)	Asia Capital Goods	BJ321P7
302440	Sk Bioscience Co Ltd	8.45	KR Equity (KOSPI50)	Asia Pharmaceuticals, Biotechnology & Life Sciences	BMG75K3
048410	Hyundai Bioscience Co Ltd	8.41	KR Equity (Others)	Asia Household & Personal Products	B00LSJ7
066970	L&F Co Ltd	8.16	KR Equity (Others)	Asia Technology Hardware & Equipment	6578608
068270	Celltrion Inc	6.32	KR Equity (KOSPI50)	Asia Pharmaceuticals, Biotechnology & Life Sciences	B0C5YV1

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Hong Kong

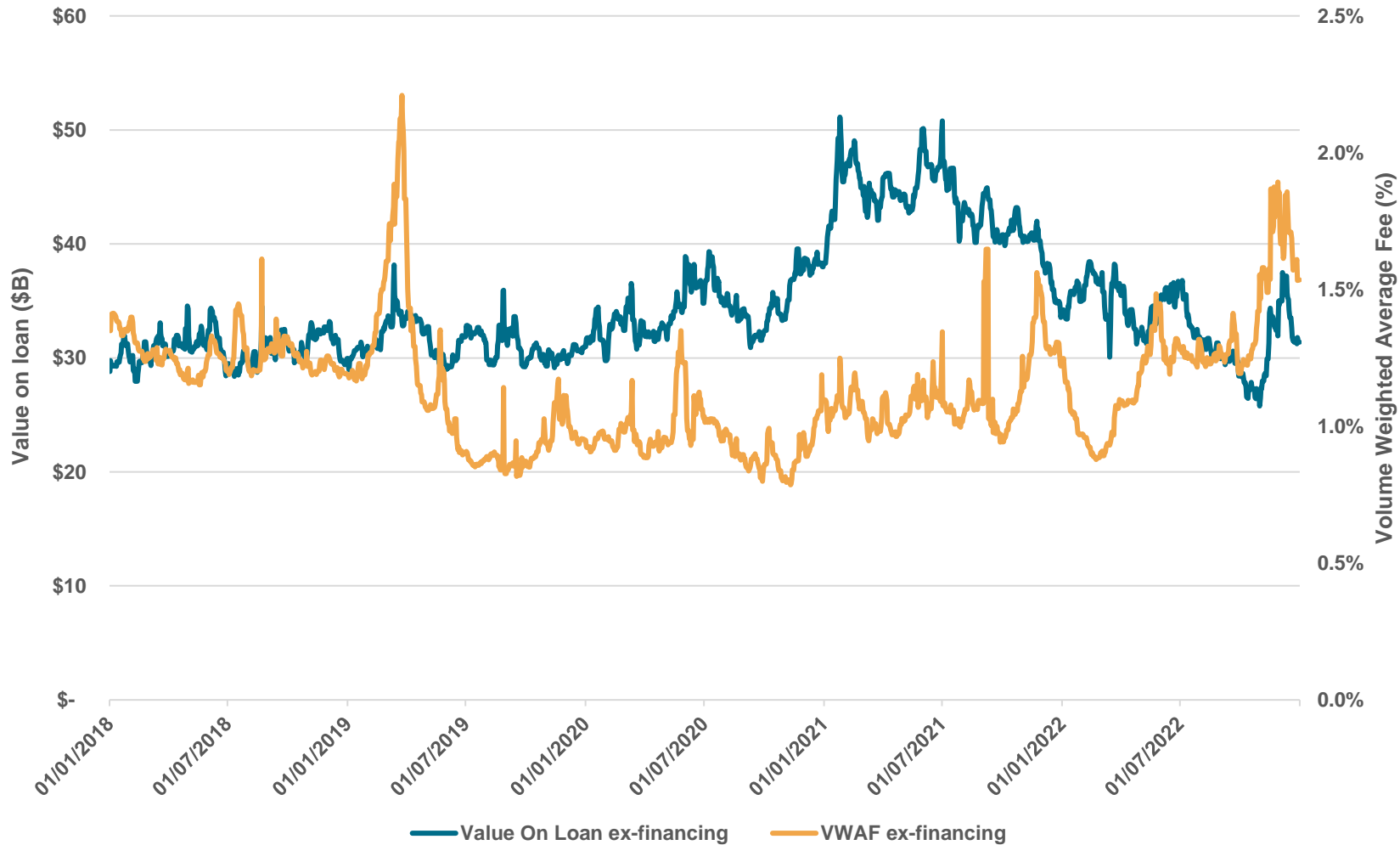


Annual revenues



Revenues from Hong Kong equities grow in Q4 2022

Average balances vs average fees



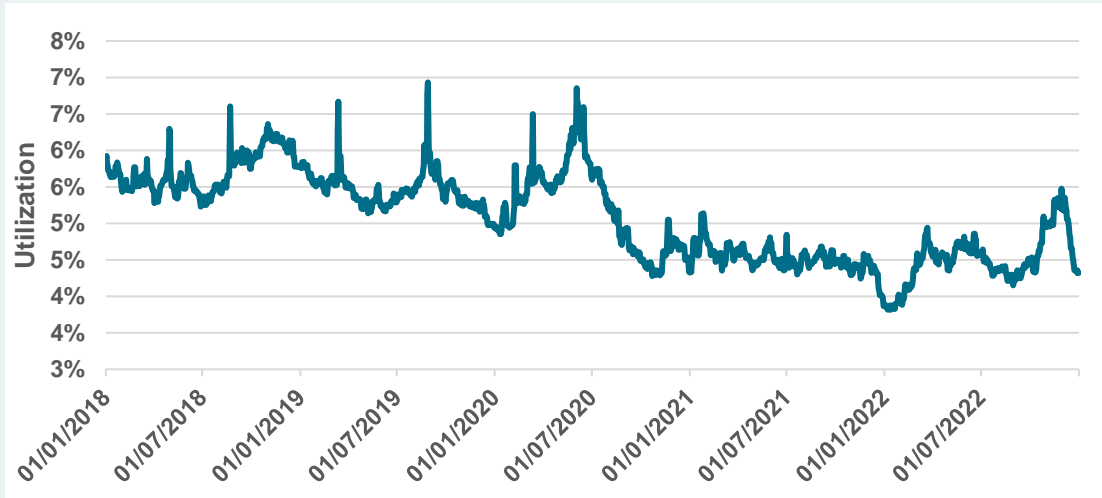
Both VWAF and Value on loan increase over 2022

Top borrows of 2022, utilization and short loan value as a % of market cap

Top 10 Revenue Generators - Hong Kong equities 2022

Ticker	Name	SL Revenue (\$M)	Market	Sector	SEDOL
1797	Koolearn Technology Holding Ltd	16.59	HK Equity (Others)	Asia Consumer Services	BDFZ4G4
819	Tianneng Power International Ltd	14.72	HK Equity (Others)	Asia Automobiles & Components	B1XDJC7
3333	China Evergrande Group	14.65	HK Equity (Others)	Asia Real Estate	BD3DS68
6699	Angelalign Technology Inc	13.93	HK Equity (Others)	Asia Consumer Services	BKP5JH9
6185	Cansino Biologics Inc	12.57	HK Equity (Others)	Asia Pharmaceuticals, Biotechnology & Life Sciences	BJKDJS2
1833	Ping An Healthcare And Technology	12.24	HK Equity (Others)	Asia Retailing	BDRYVB3
6862	Haidilao International Holding Ltd	11.98	HK Equity (HSI)	Asia Consumer Services	BGN9715
136	China Ruyi Holdings Ltd	10.54	HK Equity (Others)	Asia Media and Entertainment	BMDMJ87
708	China Evergrande New Energy Vehi	10.18	HK Equity (Others)	Asia Health Care Equipment & Services	BYJDM3
2255	Haichang Ocean Park Holdings Ltd	9.42	HK Equity (Others)	Asia Consumer Services	BQWN4M8

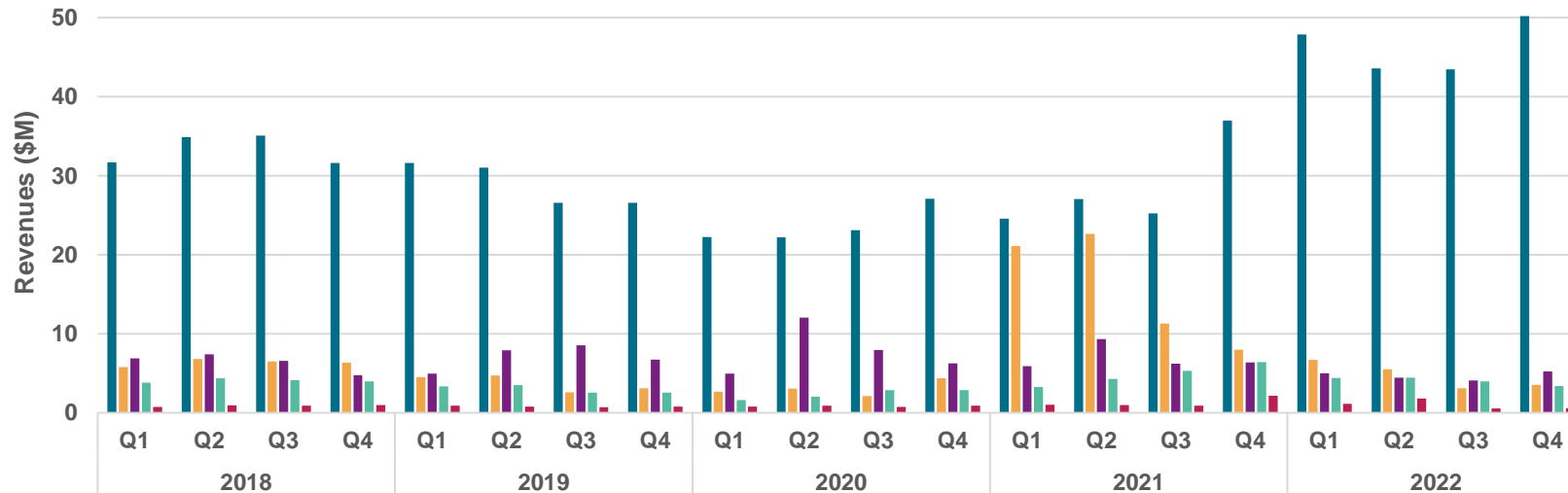
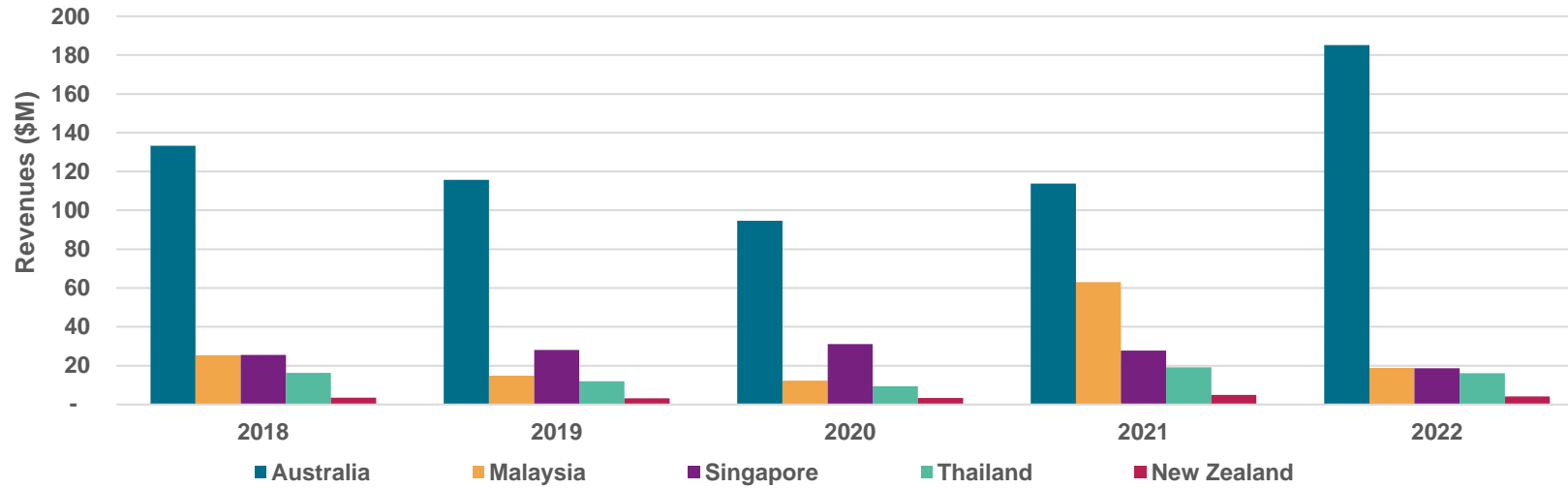
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Others

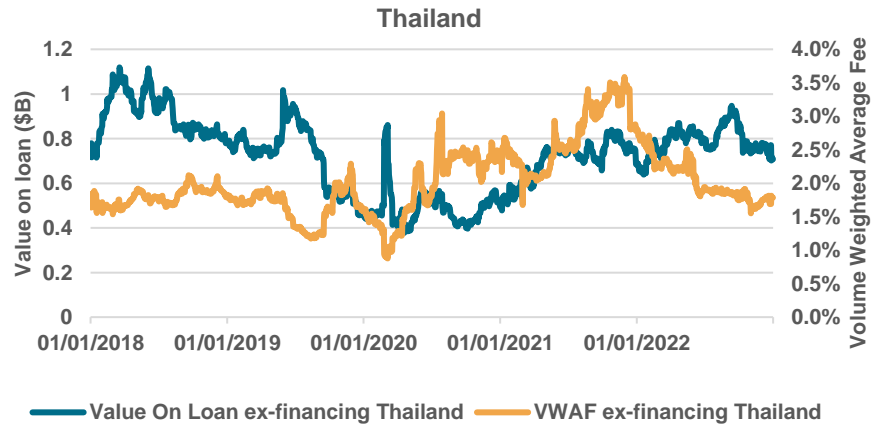
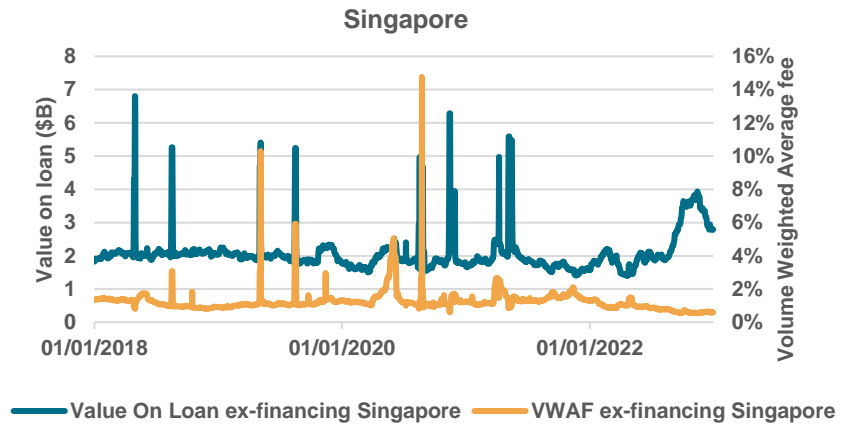
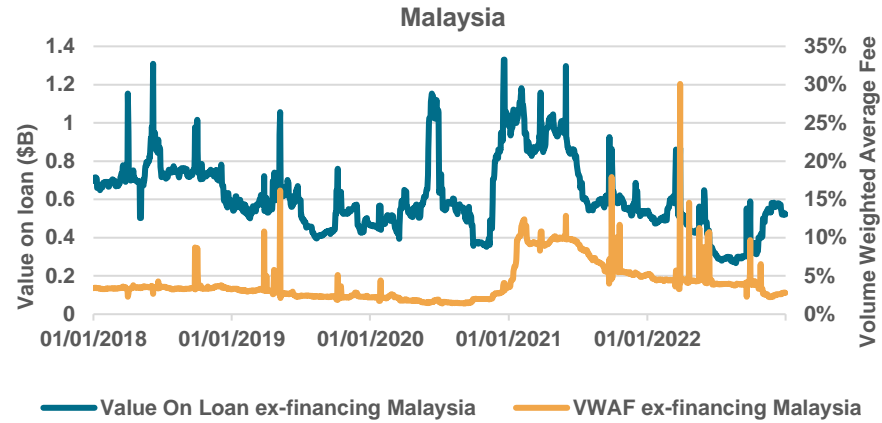
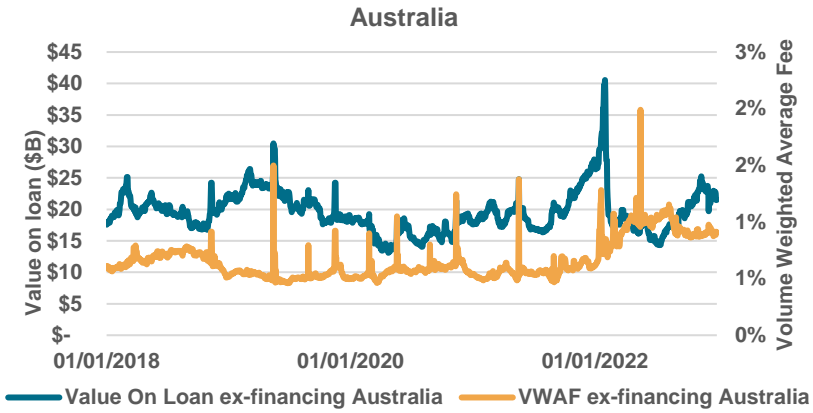


Annual revenues



Australian revenues outperformed during 2022

Average balances vs average fees (VWAF)



Volume Weighted Average Fee ex financing

VWAF declines towards year end across most markets

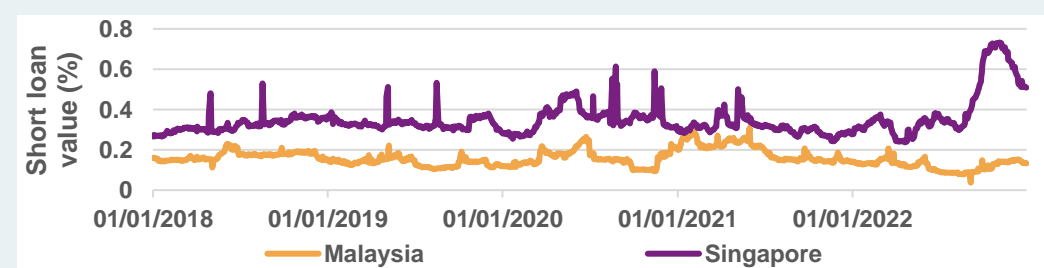
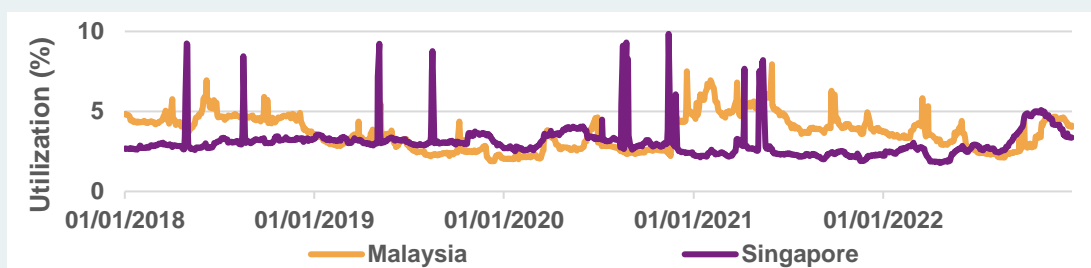
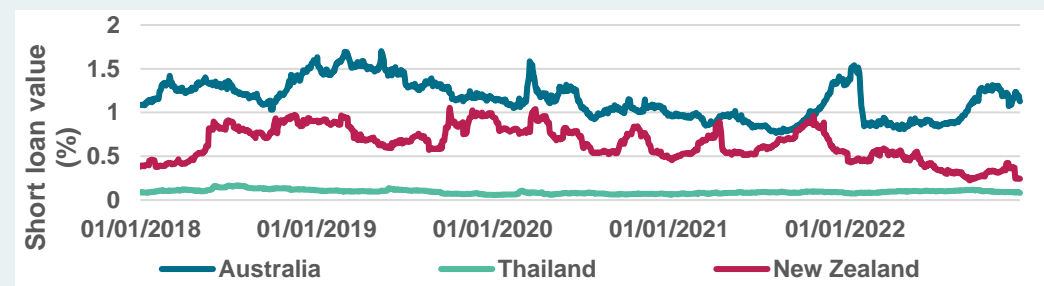
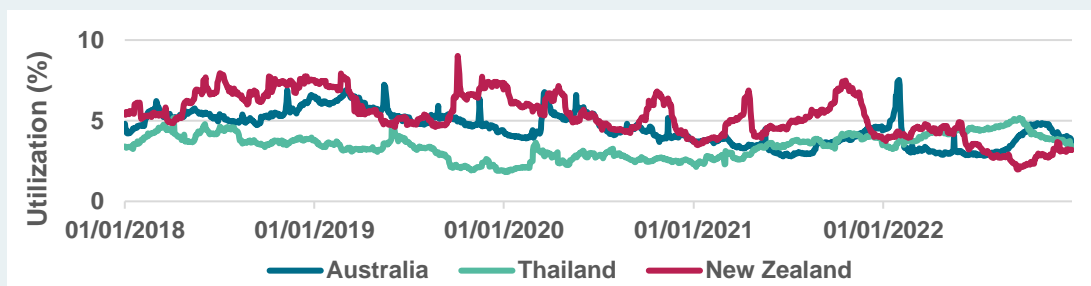
Top borrows of 2022, utilization and short loan value as a % of market cap

Top 10 Revenue Generators - Other APAC equities 2022

Ticker	Name	SL Revenue (\$M)	Market	Sector	SEDOL
BRN	Brainchip Holdings Ltd	14.53	AU Equity (ASX SmallCap)	Australasia Software & Services	BYMJYD3
BHP	Bhp Group Ltd	13.24	AU Equity (ASX50)	Australasia Materials	6144690
MSB	Mesoblast Ltd	9.22	AU Equity (ASX SmallCap)	Australasia Pharmaceuticals, Biotechnology & Life Sciences	B04SF48
CXO	Core Lithium Ltd	7.21	AU Equity (ASX SmallCap)	Asia Consumer Services	B4XFS83
VUL	Vulcan Energy Resources Ltd	6.75	AU Equity (ASX SmallCap)	Australasia Materials	BKYBH63
AVZ	Avz Minerals Ltd	6.67	AU Equity (Others)	Australasia Materials	B23G0B9
ZIP	Zip Co Ltd	5.25	AU Equity (ASX SmallCap)	Australasia Diversified Financials	BPP1Y77
TOPGLOV	Top Glove Corporation Bhd	1.99	MY Equity (Others)	EM Health Care Equipment & Services	B05L892
STGT-F	Sri Trang Gloves (Thailand) Pcl	1.93	TH Equity (Others)	EM Health Care Equipment & Services	BMGJNP0
KCE-F	Kce Electronics Pcl	1.70	TH Equity (Others)	EM Technology Hardware & Equipment	BDZ7KN9

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