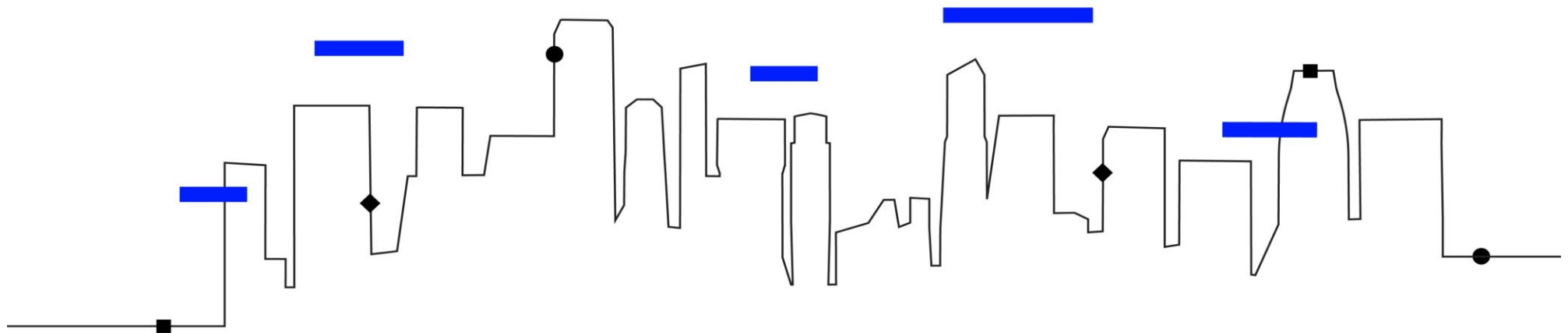


Global Equity Capital Markets Review

FIRST QUARTER 2022 | MANAGING UNDERWRITERS



Global Equity Capital Markets Review

First Quarter 2022 | Managing Underwriters

Global Deals Intelligence

GLOBAL EQUITY CAPITAL MARKETS ACTIVITY DECLINES 67% TO SIX-YEAR LOW

Equity capital markets activity totaled US\$120.7 billion during the first quarter of 2022, a 67% decrease compared to the first quarter of 2021 and the slowest opening quarter for global equity capital markets activity since 2016. By number of issues, just over 1,000 ECM offerings were brought to market during the first quarter of 2022, a 49% increase compared to a year ago and a two-year low. Global capital raising during the first quarter of 2022 decreased 62% compared to the fourth quarter of last year and fell below the US\$200 billion mark for the first time since the first quarter of 2020. By number of issues, first quarter 2022 activity decreased 45% compared to the first quarter of 2021.

ISSUERS FROM CHINA ACCOUNT FOR 37% OF GLOBAL ECM

Issuers from China raised US\$44.3 billion in the global equity capital markets during the first quarter of 2022, a decrease of 43% compared with levels seen a year ago, but the largest percentage of global ECM during a first quarter period on record. As a percentage of global ECM, the United States accounted for 15% of overall issuance, with proceeds down 86% compared to the first quarter of 2021.

GLOBAL IPOs REACH US\$40 BILLION, DOWN 62%; US LISTINGS FALL 95%

Global initial public offering activity, excluding SPACs, totaled US\$39.7 billion during the first quarter of 2022, a decrease of 62% compared to year ago levels and the slowest first quarter for global IPOs since 2019. The New York Stock Exchange saw no new listings in a quarter for the first time since 2008, bringing the total proceeds for IPOs on US exchanges down 95% during the first quarter of 2022, while China-domiciled IPOs totaled US\$17.1 billion during first quarter 2022, down 36% compared to 2021 levels.

NUMBER OF GLOBAL SECONDARY OFFERINGS FALL 49%

Global secondary offering activity totaled US\$61.6 billion during the first quarter of 2022, a 67% decrease compared to a year ago and the slowest opening period for capital raising since record began in 2008. Over 690 follow-on issues priced during the first quarter of 2022, a 49% decline compared to the first quarter of 2021, which ranked as the largest first quarter for secondary offerings, by number, since records began in 1980.

CONVERTIBLE OFFERINGS DOWN 73%

Global convertible offerings totaled US\$19.4 billion during the first quarter of 2022, a decline of 73% compared to a year ago and accounting for 16% of global equity capital markets activity. Convertible offerings reached the lowest first quarter levels since 2016. Convertible offerings from companies in the Financials, Materials and Industrials sectors accounted for 58% of overall issuance during the first quarter.

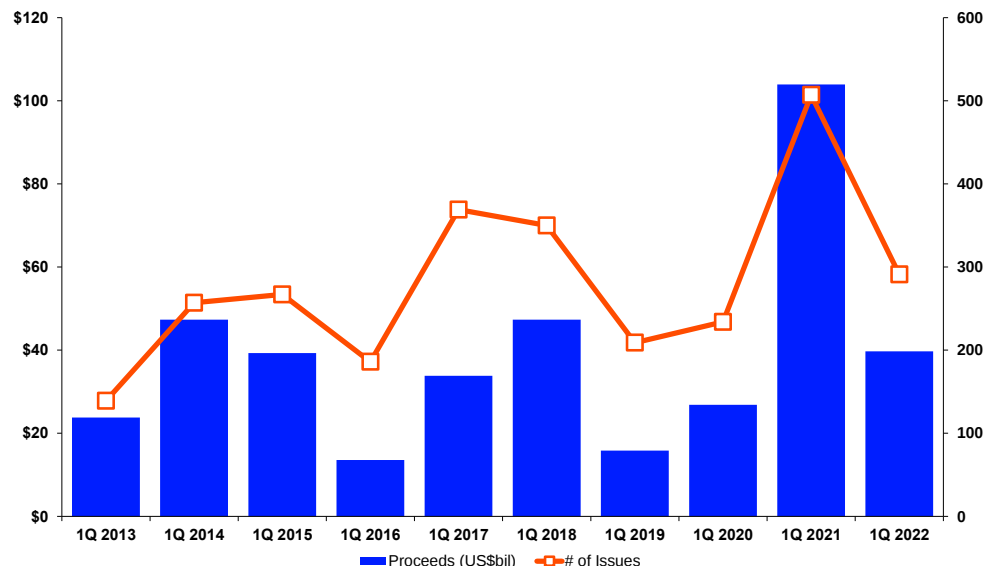
ASIA PACIFIC, EMEA EQUITY CAPITAL MARKETS REGISTER DOUBLE-DIGIT GAINS

Equity capital markets offerings from issuers in Asia Pacific totaled a record US\$65.3 billion during the first quarter of 2022, an 41% decrease compared to 2021 levels. ECM offerings from EMEA issuers registered a 74% decrease compared to a year ago and a 19-year low.

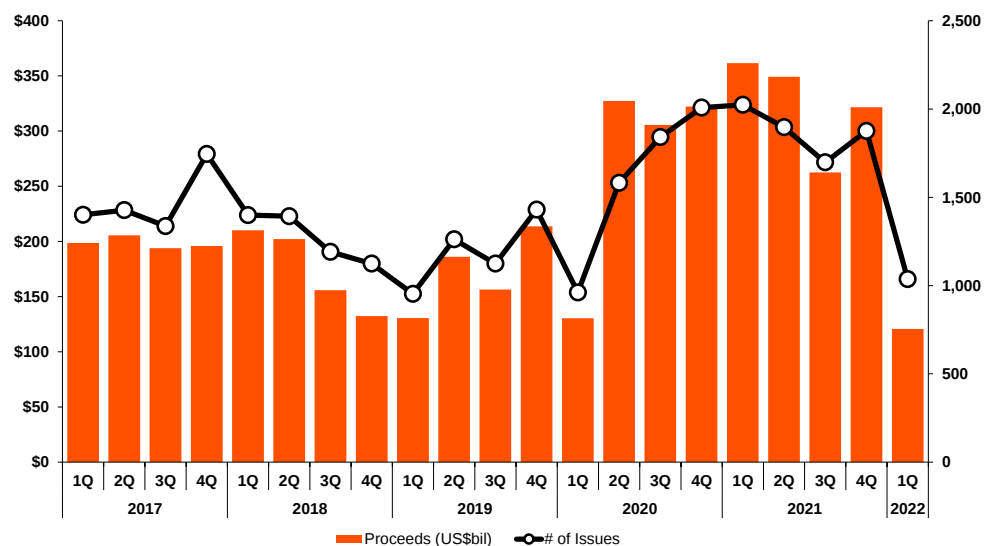
JAPAN ECM HITS TWO-YEAR LOW

Japanese ECM offerings totaled US\$3.2 billion during the first quarter of 2022, a 47% decrease compared to a year ago and the slowest first quarter period for ECM issuance in Japan since 2020.

Global Initial Public Offerings



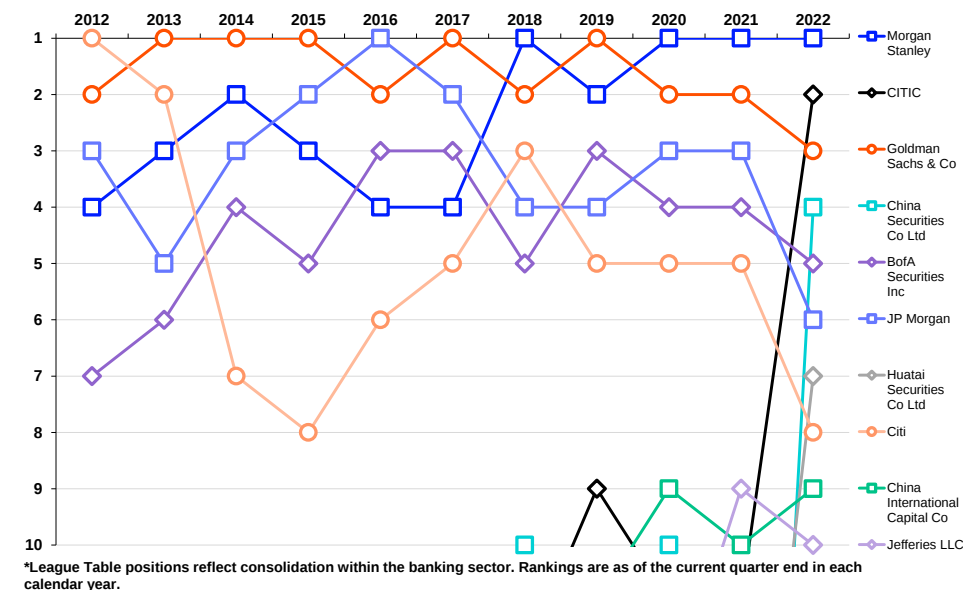
Global Equity & Equity-Related Volume



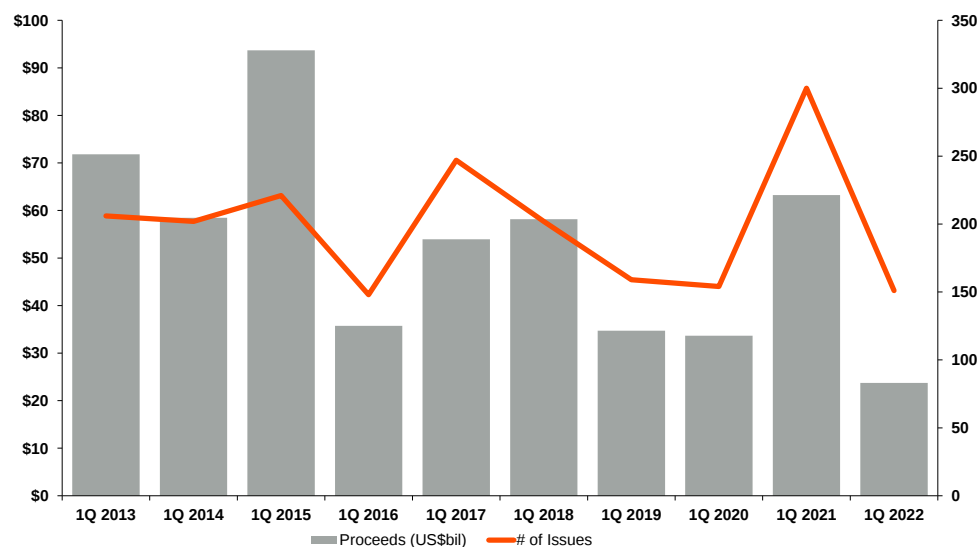
Global Insights

First Quarter 2022 | Equity Capital Markets | Managing Underwriters

Global Equity Rankings by Proceeds - Last Ten Years



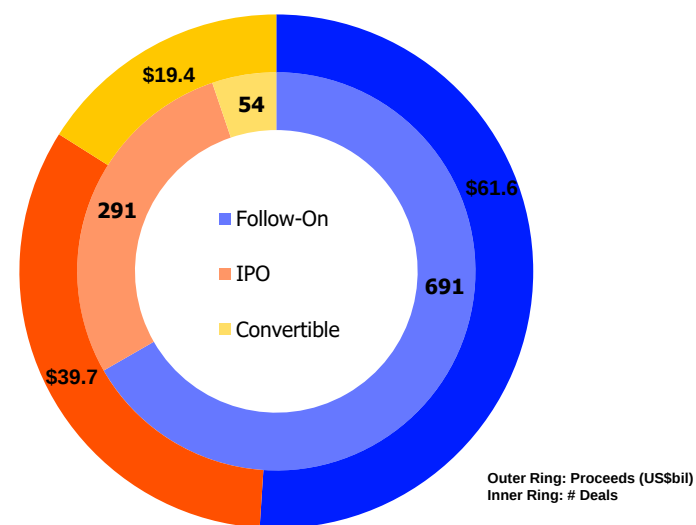
Global Block Trade Volumes



Global Scorecard

Domicile Nation/Region	1/1/2022 - 3/31/2022		1/1/2021 - 3/31/2021		YoY % Chg. (\$)
	Proceeds (\$mil)	# of Deals	Proceeds (\$mil)	# of Deals	
Global Equity & Equity-Related (C1)	117,904	983	361,527	2,024	-67%
United States (C1a)	17,744	86	133,981	449	-87%
Asia Pacific ex Australia (C1b)	65,250	379	110,178	621	-41%
Australia (C1c)	2,387	180	6,885	244	-65%
EMEA - Europe, Middle East & Africa (C1d)	20,912	176	79,061	390	-74%
Japan (C1e)	3,225	42	6,160	57	-48%
Latin America (C1f)	2,687	7	9,373	28	-71%
Global Common Stock (C2)	101,307	982	290,582	1,874	-65%
United States (C3)	12,861	81	96,156	382	-87%
Asia Pacific ex Australia (C4a)	53,633	360	92,393	571	-42%
Australia (C4b)	2,701	194	5,351	241	-50%
EMEA - Europe, Middle East & Africa (C4c)	20,271	180	70,131	371	-71%
Japan (C4d)	3,225	42	4,965	52	-35%
Global IPOs (C5)	39,728	291	103,905	507	-62%
United States (C6)	2,079	15	28,291	71	-93%
Asia Pacific ex Australia (C7a)	30,444	167	38,953	262	-22%
Australia (C7b)	63	13	542	20	-88%
EMEA - Europe, Middle East & Africa (C7c)	6,494	38	27,469	84	-76%
Japan (C7d)	268	18	1,249	26	-79%
Latin America (C7e)	0	0	4,220	17	-100%
Global Convertible Offerings (C9)	19,359	54	70,946	150	-73%
United States (C9a)	5,975	12	37,825	67	-84%
Asia Pacific ex Australia (C9b)	12,272	34	17,785	50	-31%
Australia (C9c)	0	0	1,534	3	-100%
EMEA - Europe, Middle East & Africa (C9d)	977	3	8,930	19	-89%
Japan (C9e)	0	0	1,195	5	-100%

Global Equity Capital Markets - Issue Type Composition



Global Rankings

First Quarter 2022 | Equity Capital Markets | Managing Underwriters

Global Equity & Equity-Related (C1)							YoY Change (\$)	-67%	QoQ Change (\$)	-62%
Bookrunner	Rank 2022	Rank 2021	Proceeds US\$mil	Market Share	Mkt. Sh. Chg	# of Deals				
Morgan Stanley	1	1	7,601	6.3	-4.0	50				
CITIC	2	11	7,364	6.1	3.9	35				
Goldman Sachs & Co	3	2	7,252	6.0	-4.0	38				
China Securities Co Ltd	4	27	7,126	5.9	5.3	20				
BofA Securities Inc	5	4	6,030	5.0	-1.5	39				
JP Morgan	6	3	5,518	4.6	-2.3	39				
Huatai Securities Co Ltd	7	18	4,562	3.8	2.8	20				
Citi	8	5	3,657	3.0	-2.5	27				
China International Capital Co	9	10	3,032	2.5	0.2	20				
Jefferies LLC	10	9	2,301	1.9	-0.7	24				
Haitong Securities Co Ltd	11	17	2,194	1.8	0.7	19				
Guotai Junan Securities	12	12	2,180	1.8	0.1	20				
KB Financial Group Inc	13	36	2,104	1.7	1.3	9				
China Merchants Securities Co	14	60	2,018	1.7	1.4	7				
UBS	15	8	1,668	1.4	-1.3	23				
Mirae Asset Daewoo Co Ltd	16	67	1,422	1.2	1.0	9				
BNP Paribas SA	17	14	1,404	1.2	-0.2	8				
Everbright Securities Co Ltd	18	74	1,213	1.0	0.8	7				
Dongxing Securities	19	153	1,194	1.0	0.9	3				
Shinyoung Securities Co, Ltd	20	135	1,158	1.0	0.9	3				
RBC Capital Markets	21	13	1,148	1.0	-0.5	17				
Credit Suisse	22	7	1,138	0.9	-2.4	12				
Daishin Securities Co Ltd	23	103	1,023	0.9	0.8	3				
Shinhan Financial Group Ltd	24	122	1,010	0.8	0.7	3				
HSBC Holdings PLC	25	15	1,000	0.8	-0.5	9				
Industry Total			120,666	100.0		1,036				

Global Common Stock (C2)							YoY Change (\$)	-65%	QoQ Change (\$)	-64%
Bookrunner	Rank 2022	Rank 2021	Proceeds US\$mil	Market Share	Mkt. Sh. Chg	# of Deals				
Morgan Stanley	1	1	6,445	6.4	-3.9	44				
Goldman Sachs & Co	2	2	5,417	5.4	-4.3	29				
BofA Securities Inc	3	4	5,413	5.3	-0.5	35				
CITIC	4	10	4,960	4.9	2.4	30				
China Securities Co Ltd	5	55	4,587	4.5	4.2	14				
JP Morgan	6	3	3,934	3.9	-2.6	32				
Citi	7	5	3,514	3.5	-1.6	25				
China International Capital Co	8	11	2,828	2.8	1.1	19				
Huatai Securities Co Ltd	9	20	2,512	2.5	1.6	15				
KB Financial Group Inc	10	34	2,104	2.1	1.6	9				
Jefferies LLC	11	9	2,062	2.0	-0.5	22				
Haitong Securities Co Ltd	12	15	1,981	2.0	0.8	17				
Guotai Junan Securities	13	22	1,943	1.9	1.1	18				
China Merchants Securities Co	14	59	1,507	1.5	1.2	6				
Mirae Asset Daewoo Co Ltd	15	60	1,422	1.4	1.1	9				
UBS	16	7	1,355	1.3	-1.6	21				
BNP Paribas SA	17	17	1,310	1.3	0.2	7				
Shinyoung Securities Co, Ltd	18	129	1,158	1.1	1.0	3				
Shinhan Financial Group Ltd	19	83	1,083	1.1	0.9	6				
RBC Capital Markets	20	12	1,059	1.1	-0.3	14				
Daishin Securities Co Ltd	21	100	1,023	1.0	0.9	3				
Shinhan Financial Group Ltd	22	117	1,010	1.0	0.9	3				
Hana Financial Group Inc	23	111	991	1.0	0.9	2				
HI Investment & Securities Co	24	141*	977	1.0	0.9	1				
Riyadh Bank Ltd	25	-	963	1.0	1.0	2				
Industry Total			101,307	100.0		982				

Global IPOs (C5)							YoY Change (\$)	-62%	QoQ Change (\$)	-64%
Bookrunner	Rank 2022	Rank 2021	Proceeds US\$mil	Market Share	Mkt. Sh. Chg	# of Deals				
China Securities Co Ltd	1	32	3,079	7.8	7.2	9				
CITIC	2	14	2,756	6.9	5.3	18				
China International Capital Co	3	12	1,624	4.1	2.4	13				
BofA Securities Inc	4	5	1,549	3.9	-1.5	6				
Morgan Stanley	5	1	1,470	3.7	-4.2	8				
Guotai Junan Securities	6	37	1,440	3.6	3.1	12				
Goldman Sachs & Co	7	2	1,397	3.5	-4.3	4				
Shinhan Financial Group Ltd	8	10	1,229	3.1	0.9	13				
Mirae Asset Daewoo Co Ltd	9	42	1,045	2.6	2.1	5				
Daishin Securities Co Ltd	10	152	1,023	2.6	2.5	3				
Shinhan Financial Group Ltd	11	175*	1,010	2.5	2.5	3				
Citi	12	4	1,000	2.5	-4.1	2				
Shinyoung Securities Co, Ltd	13	179	998	2.5	2.5	2				
KB Financial Group Inc	14	76	997	2.5	2.2	3				
Hana Financial Group Inc	15	62	991	2.5	2.2	2				
HI Investment & Securities Co	16	-	977	2.5	2.5	1				
Huatai Securities Co Ltd	17	31	966	2.4	1.8	6				
Riyadh Bank Ltd	18	-	963	2.4	2.4	2				
Dongxing Securities	19	135	880	2.2	2.1	2				
Saudi National Bank SJSC	20	-	815	2.1	2.1	2				
HSBC Holdings PLC	21	11	727	1.8	-0.3	4				
GIB Capital	22	-	496	1.3	1.3	1				
China Merchants Securities Co	23	51	452	1.1	0.7	2				
Minsheng Securities Co Ltd	24	60	431	1.1	0.8	4				
JP Morgan	25	3	421	1.1	-6.4	3				
Industry Total			39,728	100.0		291				

Global Secondary Offerings (C8)							YoY Change (\$)	-67%	QoQ Change (\$)	-65%
Bookrunner	Rank 2022	Rank 2021	Proceeds US\$mil	Market Share	Mkt. Sh. Chg	# of Deals				
Morgan Stanley	1	1	4,975	8.1	-3.5	36				
Goldman Sachs & Co	2	2	4,020	6.5	-4.2	25				
BofA Securities Inc	3	3	3,864	6.3	0.2	29				
JP Morgan	4	4	3,513	5.7	-0.3	29				
Citi	5	5	2,513	4.1	-0.1	23				
CITIC	6	7	2,204	3.6	0.6	12				
Jefferies LLC	7	10	1,856	3.0	0.7	19				
Huatai Securities Co Ltd	8	17	1,547	2.5	1.4	9				
China Securities Co Ltd	9	70	1,508	2.5	2.3	5				
UBS	10	8	1,224	2.0	-0.9	18				
China International Capital Co	11	11	1,204	2.0	0.3	6				
BNP Paribas SA	12	16	1,128	1.8	0.7	4				
KB Financial Group Inc	13	28	1,108	1.8	1.1	6				
China Merchants Securities Co	14	65	1,055	1.7	1.4	4				
RBC Capital Markets	15	13	991	1.6	0.3	11				
Everbright Securities Co Ltd	16	129	812	1.3	1.2	3				
Credit Suisse	17	6	796	1.3	-1.9	8				
Barclays	18	9	778	1.3	-1.1	11				
Banco BTG Pactual SA	19	51	760	1.2	0.9	8				
Haitong Securities Co Ltd	20	32	752	1.2	0.6	4				
Sumitomo Mitsui Finl Grp Inc	21	37	750	1.2	0.7	12				
Nomura	22	30	691	1.1	0.5	9				
Canaccord Genuity Grp Inc	23	12	523	0.9	-0.8	39				
Guotai Junan Securities	24	19	504	0.8	-0.2	6				
Ping An Securities Ltd	25	63	495	0.8	0.5	3				
Industry Total			61,579	100.0		691				

Global Convertibles (C9)							YoY Change (\$)	-73%	QoQ Change (\$)	-47%
Bookrunner	Rank 2022	Rank 2021	Proceeds US\$mil	Market Share	Mkt. Sh. Chg	# of Deals				
China Securities Co Ltd	1	13	2,539	13.1	11.3	6				
CITIC	2	21	2,404	12.4	11.4	5				
Huatai Securities Co Ltd	3	17	2,050	10.6	9.3	5				
Goldman Sachs & Co	4	1	1,835	9.5	-1.8	9				
JP Morgan	5	4	1,584	8.2	0.0	7				
Morgan Stanley	6	2	1,156	6.0	-4.5	6				
BofA Securities Inc	7	3	617	3.2	-6.2	4				
China Merchants Securities Co	8	53	511	2.6	2.4	1				
Changjiang Securities Co Ltd	9	41	510	2.6	2.3	2				
Bank of China Ltd	10	19	423	2.2	1.0	1				
Minmetals Securities Co Ltd	11	-	396	2.1	2.1	1				
Sinolink Securities Co Ltd	12	-	391	2.0	2.0	1				
Evercore Partners	13	23	329	1.7	0.9	2				
Dongxing Securities	14	-	314	1.6	1.6	1				
UBS	15	12	313	1.6	-0.4	2				
Jefferies LLC	16	10	239	1.2	-1.5	2				
Guotai Junan Securities	17	7	237	1.2	-4.0	2				
Credit Suisse	18	9	235	1.2	-3.2	2				
Haitong Securities Co Ltd	19	22	213	1.1	0.2	2				
China International Capital Co	20*	8	204	1.1	-3.4	1				
Zheshang Securities Co Ltd	20*	-	204	1.1	1.1	1				
Shenwan Hongyuan Securities Co	20*	-	204	1.1	1.1	1				
GF Securities	23	-	185	1.0	1.0	2				
Mizuho Financial Group	24	16	145	0.8	-0.7	1				
Industry Total			19,359	100.0		54				

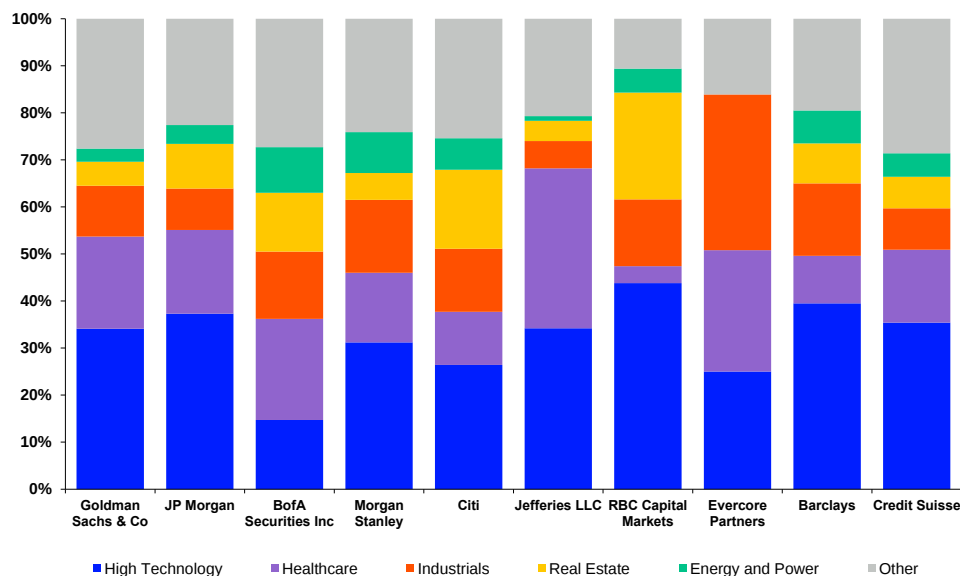
Latin America Equity & Equity Related (C1f)							YoY Change (\$)	-71%	QoQ Change (\$)	-56%
Bookrunner	Rank 2022	Rank 2021	Proceeds US\$mil	Market Share	Mkt. Sh. Chg	# of Deals				
Banco BTG Pactual SA	1	2	732	27.2	14.8	5				
Citi	2	1	298	11.1	-2.9	3				
UBS	3*	12	199	7.4	5.8	2				
Credit Suisse	3*	14	199	7.4	6.1	2				
Banco Bradesco SA	5*	9	192	7.2	2.3	2				
Itau Unibanco	5*	3	192	7.2	-3.8	2				
BofA Securities Inc	5*	4	192	7.2	-3.5	2				
JP Morgan	5*	11	192	7.2	3.3	2				
XP Invertementos	9*	7	106	3.9	-2.5	1				
Goldman Sachs & Co	9*	10	106	3.9	-0.1	1				
Morgan Stanley	11*	8	93	3.5	-2.0	1				
Santander Corp & Invest Bkg	11*	6	93	3.5	-5.2	1				
Banco J Safra SA	11*	-	93	3.5	3.5	1				
Industry Total			2,687	100.0		7				

*Indicates a Tie

United States Insights

First Quarter 2022 | Equity Capital Markets | Managing Underwriters

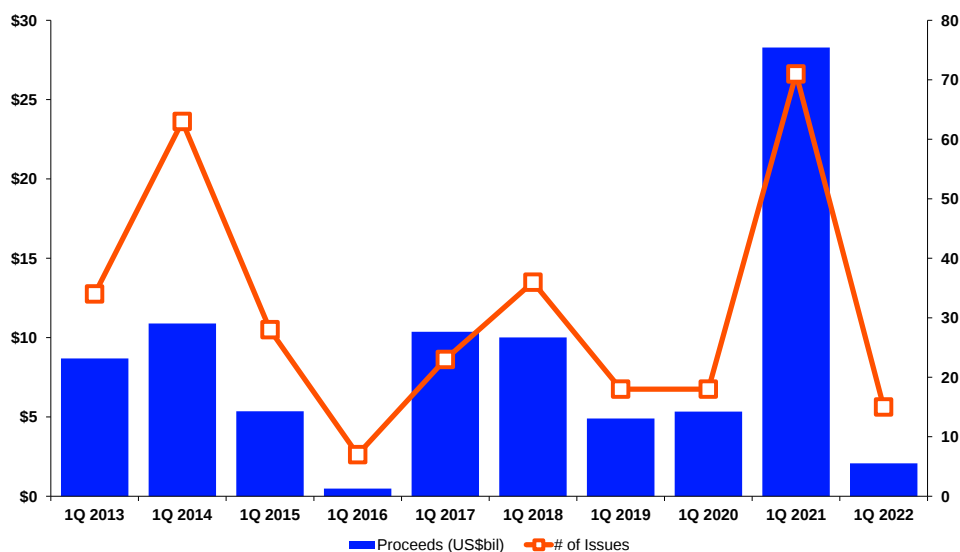
Top 10 Equity Bookrunners by Proceeds - Macro Industry Composition



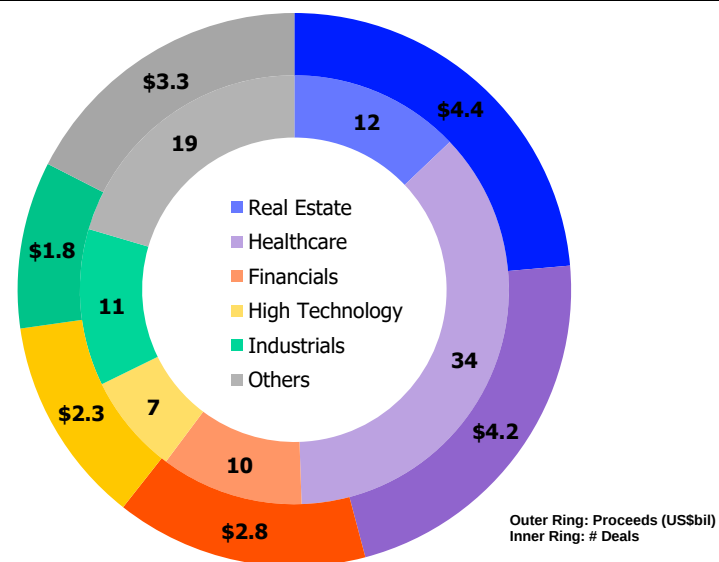
Top United States Equity & Equity-Related Deals

Issue Date	Issuer Name	Domicile Nation	Proceeds (US\$mil)	Issue Type	Macro Sector
01/04/22	Alexandria RE Equities Inc	United States	\$1,691	FO	Real Estate
02/08/22	Snap Inc	United States	\$1,500	CVT	High Technology
01/12/22	TPG Partners LLC	United States	\$965	IPO	Financials
01/19/22	American Homes 4 Rent	United States	\$900	FO	Real Estate
03/03/22	Lumentum Holdings Inc	United States	\$861	CVT	Healthcare
01/31/22	Wolfspeed Inc	United States	\$750	CVT	High Technology
01/18/22	Signature Bank	United States	\$739	FO	Financials
01/05/22	Core & Main Inc	United States	\$520	FO	Industrials
01/07/22	Jpmorgan Chase Finl Co LLC	United States	\$488	CVT	Financials
03/28/22	Southwest Gas Holdings Inc	United States	\$468	FO	Energy and Power
01/04/22	Intra-Cellular Therapies Inc	United States	\$460	FO	Healthcare
02/10/22	NCL Corp Ltd	United States	\$435	CVT	Industrials
01/13/22	Virgin Galactic Holdings Inc	United States	\$425	CVT	Industrials

United States Initial Public Offerings



United States Equity Capital Markets - Macro Industry Composition



United States Rankings

First Quarter 2022 | Equity Capital Markets | Managing Underwriters

US Equity & Equity-Related (C1a)							US IPOs (C6)							US Secondary Offerings (C8a)															
		YoY Change (\$)		-86%		QoQ Change (\$)		-76%				YoY Change (\$)		-93%		QoQ Change (\$)		-94%				YoY Change (\$)		-84%		QoQ Change (\$)		-66%	
Bookrunner	Rank 2022	Rank 2021	Proceeds US\$mil	Market Share	Mkt. Sh. Chg	# of Deals	Bookrunner	Rank 2022	Rank 2021	Proceeds US\$mil	Market Share	Mkt. Sh. Chg	# of Deals	Bookrunner	Rank 2022	Rank 2021	Proceeds US\$mil	Market Share	Mkt. Sh. Chg	# of Deals	Bookrunner	Rank 2022	Rank 2021	Proceeds US\$mil	Market Share	Mkt. Sh. Chg	# of Deals		
Goldman Sachs & Co	1	1	3,276	17.4	3.2	20	Goldman Sachs & Co	1	3	420	20.2	7.1	3	BofA Securities Inc	1	3	1,690	15.7	4.3	14	BofA Securities Inc	1	3	1,690	15.7	4.3	14		
JP Morgan	2	3	3,184	16.9	4.6	22	BofA Securities Inc	2	5	392	18.9	11.5	3	JP Morgan	2	4	1,609	14.9	3.7	15	JP Morgan	2	4	1,609	14.9	3.7	15		
BofA Securities Inc	3	4	2,699	14.3	2.9	21	Morgan Stanley	3	1	337	16.2	2.0	3	Morgan Stanley	3	2	1,552	14.4	0.1	12	Morgan Stanley	3	2	1,552	14.4	0.1	12		
Morgan Stanley	4	2	2,674	14.2	0.3	19	JP Morgan	4	2	241	11.6	-2.6	1	Citi	4	5	1,232	11.4	7.0	8	Citi	4	5	1,232	11.4	7.0	8		
Citi	5	6	1,376	7.3	2.1	10	Evercore Partners	5	9	157	7.6	4.2	3	Goldman Sachs & Co	5	1	1,198	11.1	-3.9	9	Goldman Sachs & Co	5	1	1,198	11.1	-3.9	9		
Jefferies LLC	6	8	783	4.2	0.5	9	SVB Financial Group	6	16	122	5.9	4.5	3	RBC Capital Markets	6	10	579	5.4	3.2	6	RBC Capital Markets	6	10	579	5.4	3.2	6		
RBC Capital Markets	7	9	652	3.5	0.8	8	Jefferies LLC	7	10	95	4.6	1.3	2	Jefferies LLC	7	7	448	4.2	0.8	5	Jefferies LLC	7	7	448	4.2	0.8	5		
Evercore Partners	8	13	549	2.9	1.4	9	Stifel/KBW	8	22	77	3.7	2.9	2	Barclays	8	6	347	3.2	-0.5	5	Barclays	8	6	347	3.2	-0.5	5		
Barclays	9	5	432	2.3	-3.2	7	Benchmark Co LLC	9	40	38	1.8	1.7	3	Evercore Partners	9	27	312	2.9	2.2	5	Evercore Partners	9	27	312	2.9	2.2	5		
Credit Suisse	10	7	409	2.2	-2.0	3	Barclays	10*	4	36	1.7	-5.7	1	Stifel/KBW	10	9	240	2.2	-0.1	5	Stifel/KBW	10	9	240	2.2	-0.1	5		
Wells Fargo & Co	11	10	375	2.0	0.0	7	William Blair & Co	10*	20	36	1.7	0.8	1	Wells Fargo & Co	11	14	231	2.2	0.5	5	Wells Fargo & Co	11	14	231	2.2	0.5	5		
SVB Financial Group	12	12	336	1.8	0.2	8	Guggenheim Securities LLC	12	12	25	1.2	-0.8	1	Credit Suisse	12	8	173	1.6	-1.7	1	Credit Suisse	12	8	173	1.6	-1.7	1		
Stifel/KBW	13	15	317	1.7	0.3	7	Cowen & Co	13	21	23	1.1	0.2	1	SVB Financial Group	13	12	119	1.1	-0.7	3	SVB Financial Group	13	12	119	1.1	-0.7	3		
BMO Capital Markets	14	28	172	0.9	0.4	3	Boustead Securities LLC	14	-	20	1.0	1.0	1	JMP Securities LLC	14	42	115	1.1	0.9	3	JMP Securities LLC	14	42	115	1.1	0.9	3		
Mizuho Financial Group	15	17	162	0.9	-0.4	2	HC Wainwright & Co Inc	15	-	16	0.8	0.8	1	Cowen & Co	15	11	110	1.0	-0.9	3	Cowen & Co	15	11	110	1.0	-0.9	3		
William Blair & Co	16	21	156	0.8	0.1	3	Fordham Financial Management	16	38	15	0.7	0.6	1	Maxim Group LLC	16	41	102	1.0	0.8	5	Maxim Group LLC	16	41	102	1.0	0.8	5		
Truist Financial Corp	17	22	148	0.8	0.1	3	VIEWTRADE FINANCIAL	17	-	14	0.7	0.7	1	UBS	17	16	82	0.8	-0.5	3	UBS	17	16	82	0.8	-0.5	3		
Cowen & Co	18	18	133	0.7	-0.5	4	Roth Capital Partners Inc	18	28	8	0.4	0.2	1	BMO Capital Markets	18	24	79	0.7	-0.1	2	BMO Capital Markets	18	24	79	0.7	-0.1	2		
Moelis & Co	19	-	131	0.7	-	1	Northland Securities Inc	19	-	8	0.4	0.4	1	Cantor Fitzgerald LP	19	21	63	0.6	-0.3	2	Cantor Fitzgerald LP	19	21	63	0.6	-0.3	2		
JMP Securities LLC	20	48	115	0.6	0.5	3								William Blair & Co	20	22	63	0.6	-0.2	1	William Blair & Co	20	22	63	0.6	-0.2	1		
Maxim Group LLC	21	45	102	0.5	0.3	5								Guggenheim Securities LLC	21	17	58	0.5	-0.8	1	Guggenheim Securities LLC	21	17	58	0.5	-0.8	1		
Guggenheim Securities LLC	22	19	82	0.4	-0.7	2								Hovde Group LLC	22	-	55	0.5	0.5	1	Hovde Group LLC	22	-	55	0.5	0.5	1		
UBS	23	14	82	0.4	-1.1	3								Truist Financial Corp	23	29	55	0.5	0.0	2	Truist Financial Corp	23	29	55	0.5	0.0	2		
Cantor Fitzgerald LP	24	24	63	0.3	-0.3	2								HSBC Holdings PLC	24	36	38	0.4	0.0	1	HSBC Holdings PLC	24	36	38	0.4	0.0	1		
Hovde Group LLC	25	-	55	0.3	-	1								Oppenheimer Holdings Inc	25	19	37	0.3	-0.8	3	Oppenheimer Holdings Inc	25	19	37	0.3	-0.8	3		
Industry Total			18,836	100.0		93	Industry Total			2,079	100.0		15	Industry Total			10,782	100.0		66	Industry Total			10,782	100.0		66		

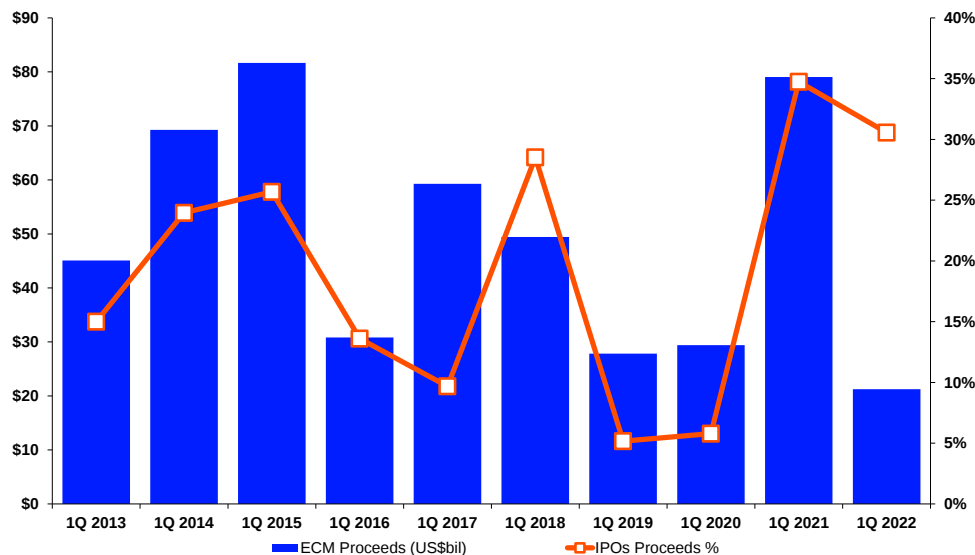
US Common Stock (C3)							US Block Trades							US Convertibles (C9a)															
		YoY Change (\$)		-87%		QoQ Change (\$)		-80%				YoY Change (\$)		-68%		QoQ Change (\$)		-43%				YoY Change (\$)		-84%		QoQ Change (\$)		-58%	
Bookrunner	Rank 2022	Rank 2021	Proceeds US\$mil	Market Share	Mkt. Sh. Chg	# of Deals	Bookrunner	Rank 2022	Rank 2021	Proceeds US\$mil	Market Share	Mkt. Sh. Chg	# of Deals	Bookrunner	Rank 2022	Rank 2021	Proceeds US\$mil	Market Share	Mkt. Sh. Chg	# of Deals	Bookrunner	Rank 2022	Rank 2021	Proceeds US\$mil	Market Share	Mkt. Sh. Chg	# of Deals		
BofA Securities Inc	1	4	2,081	16.2	6.0	17	Morgan Stanley	1	2	1,459	19.1	-1.0	11	Goldman Sachs & Co	1	2	1,659	27.8	14.3	8	Goldman Sachs & Co	1	2	1,659	27.8	14.3	8		
Morgan Stanley	2	2	1,889	14.7	0.4	15	BofA Securities Inc	2	3	1,274	16.7	5.8	10	JP Morgan	2	4	1,334	22.3	9.5	6	JP Morgan	2	4	1,334	22.3	9.5	6		
JP Morgan	3	3	1,850	14.4	2.3	16	JP Morgan	3	4	1,100	14.4	9.3	8	Morgan Stanley	3	3	785	13.1	0.0	4	Morgan Stanley	3	3	785	13.1	0.0	4		
Goldman Sachs & Co	4	1	1,617	12.6	-1.9	12	Citi	4	13	1,026	13.4	11.9	6	BofA Securities Inc	4	1	617	10.3	-4.0	4	BofA Securities Inc	4	1	617	10.3	-4.0	4		
Citi	5	6	1,232	9.6	4.9	8	Goldman Sachs & Co	5	1	756	9.9	-20.0	5	Jefferies LLC	5	7	239	4.0	-0.6	2	Jefferies LLC	5	7	239	4.0	-0.6	2		
RBC Capital Markets	6	9	579	4.5	2.1	6	RBC Capital Markets	6	12	461	6.0	4.4	5	Credit Suisse	6	8	235	3.9	-0.6	2	Credit Suisse	6	8	235	3.9	-0.6	2		
Jefferies LLC	7	8	544	4.2	0.8	7	Jefferies LLC	7	7	426	5.6	3.4	4	Mizuho Financial Group	7	11	145	2.4	-0.5	1	Mizuho Financial Group	7	11	145	2.4	-0.5	1		
Evercore Partners	8	17	469	3.7	2.2	8	Barclays	8	11	212	2.8	1.2	4	Wells Fargo & Co	8*	10	144	2.4	-0.6	2	Wells Fargo & Co	8*	10	144	2.4	-0.6	2		
Barclays	9	5	382	3.0	-1.8	6	Wells Fargo & Co	9	6	190	2.5	0.1	4	Citi	8*	6	144	2.4	-4.0	2	Citi	8*	6	144	2.4	-4.0	2		
Stifel/KBW	10	11	317	2.5	0.6	7	Evercore Partners	10	34	138	1.8	1.5	2	Moelis & Co	10	-	131	2.2	2.2	1	Moelis & Co	10	-	131	2.2	2.2	1		
SVB Financial Group	11	12	241	1.9	0.2	6	Stifel/KBW	11	8	107	1.4	-0.7	3	SVB Financial Group	11	15	95	1.6	0.3	2	SVB Financial Group	11	15	95	1.6	0.3	2		
Wells Fargo & Co	12	13	231	1.8	0.1	5	UBS	12	38*	82	1.1	0.9	3	BMO Capital Markets	12*	29	94	1.6	1.5	1	BMO Capital Markets	12*	29	94	1.6	1.5	1		
Credit Suisse	13	7	173	1.4	-2.7	1	Maxim Group LLC	13	33	60	0.8	0.5	1	Truist Financial Corp	12*	16	94	1.6	0.5	1	Truist Financial Corp	12*	16	94	1.6	0.5	1		
Cowen & Co	14	16	133	1.0	-0.6	4	Truist Financial Corp	14	22	55	0.7	0.1	2	Evercore Partners	14	14	79	1.3	-0.2	1	Evercore Partners	14	14	79	1.3	-0.2	1		
JMP Securities LLC	15	44	115	0.9	0.7	3	JMP Securities LLC	15	25	54	0.7	0.2	1	RBC Capital Markets	15	9	73	1.2	-2.1	2	RBC Capital Markets	15	9	73	1.2	-2.1	2		
Maxim Group LLC	16	42	102	0.8	0.6	5	Cantor Fitzgerald LP	16	18	54	0.7	-0.4	1	William Blair & Co	16	21	58	1.0	0.5	1	William Blair & Co	16	21	58	1.0	0.5	1		
William Blair & Co	17	21	98	0.8	0.0	2	BMO Capital Markets	17*	20	38	0.5	-0.2	1	Barclays	17	5	50	0.8	-6.4	1	Barclays	17	5	50	0.8	-6.4	1		
Guggenheim Securities LLC	18	18	82	0.6	-0.9	2	HSBC Holdings PLC	17*	-	38	0.5	0.5	1																
UBS	19	10	82	0.6	-1.4	3	SVB Financial Group	19	17	38	0.5	-0.6	2																
BMO Capital Markets	20	26	79	0.6	0.0	2	Robert W Baird & Co Inc	20	40	28	0.4	0.2	1																
Cantor Fitzgerald LP	21	23	63	0.5	-0.2	2	Raymond James Financial Inc	21	24	22	0.3	-0.2	1																
Hovde Group LLC	22	-	55	0.4	0.4	1	Mizuho Financial Group	22	38*	17	0.2	0.0	1																
Truist Financial Corp	23	28	55	0.4	-0.2	2	Oppenheimer Holdings Inc	23	10	12	0.2	-1.6	1																
Fordham Financial Management	24	32	39	0.3	0.0	2																							
Benchmark Co LLC	25	62	38	0.3	0.2	3																							
Industry Total			12,861	100.0		81	Industry Total			7,644	100.0		27	Industry Total			5,975	100.0		12	Industry Total			5,975	100.0		12		

*Indicates a Tie

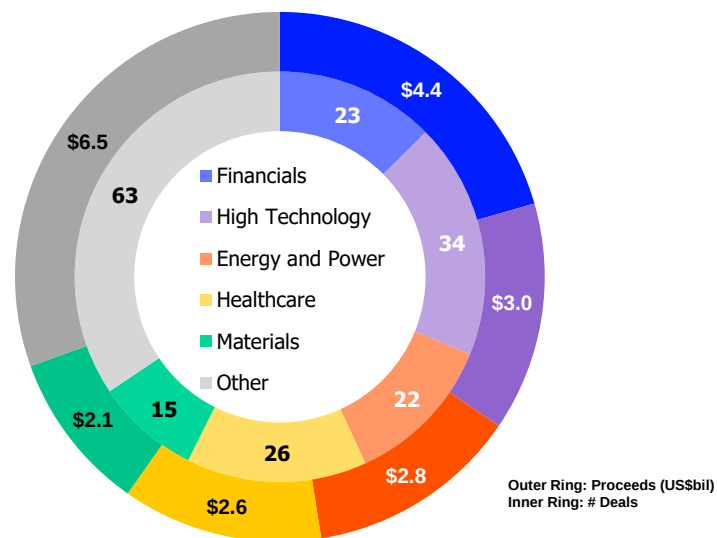
EMEA Insights

First Quarter 2022 | Equity Capital Markets | Managing Underwriters

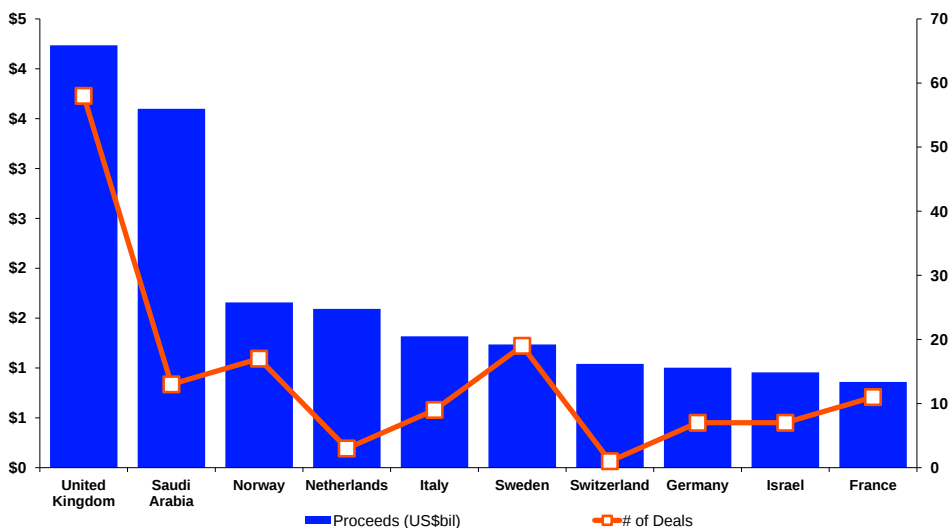
EMEA Equity Capital Markets Issuance



EMEA Equity Capital Markets - Macro Industry Composition



EMEA Equity Capital Markets Volume - Domicile Nation



Top EMEA Equity & Equity-Related Deals

Issue Date	Issuer Name	Domicile Nation	Proceeds (US\$mil)	Issue Type	Macro Sector
03/15/22	Nahdi Medical Co	Saudi Arabia	1,361.8	IPO	Retail
03/24/22	Glencore PLC	Switzerland	1,040.5	Follow-On	Materials
02/15/22	Var Energi AS	Norway	995.3	IPO	Energy and Power
01/20/22	Stellantis NV	Netherlands	827.9	Follow-On	Industrials
02/06/22	Elm Information Security Co	Saudi Arabia	818.9	IPO	High Technology
02/11/22	Technoprobe SpA	Italy	808.6	IPO	High Technology
01/12/22	Phoenix Group Holdings PLC	United Kingdom	602.3	Follow-On	Financials
03/17/22	SolarEdge Technologies Inc	Israel	590.0	Follow-On	Energy and Power
03/25/22	London Stock Exchange Grp PLC	United Kingdom	587.1	Follow-On	Financials
03/23/22	argenx SE	Netherlands	570.3	Follow-On	Healthcare
03/24/22	Ascendis Pharma A/S	Denmark	500.0	Convertible	Healthcare
03/01/22	Al Dawaa Med Svcs Co Ltd	Saudi Arabia	496.2	IPO	Healthcare

EMEA Rankings

First Quarter 2022 | Equity Capital Markets | Managing Underwriters

EMEA ECM (C1d)							
	YoY Change (\$)		-73%	QoQ Change (\$)		-70%	
Bookrunner	Rank 2022	Rank 2021	Proceeds US\$mil	Market Share	Mkt. Sh Chg	# of Deals	
Morgan Stanley	1	1	1,912	9.0	-1.7	13	
Goldman Sachs & Co	2	2	1,825	8.6	-1.5	9	
BofA Securities Inc	3	5	1,388	6.5	1.3	8	
BNP Paribas SA	4	8	1,153	5.4	1.5	6	
Jefferies LLC	5	6	1,151	5.4	0.6	9	
JP Morgan	6	4	1,068	5.0	-1.1	9	
Riyadh Bank Ltd	7	-	963	4.5	-	2	
HSBC Holdings PLC	8	10	877	4.1	1.0	4	
Saudi National Bank SJSC	9	-	815	3.8	-	2	
Citi	10	3	759	3.6	-2.8	9	
Carnegie Investment Bank AB	11	16	602	2.8	0.9	16	
GIB Capital	12	-	496	2.3	-	1	
Mediobanca	13*	37	404	1.9	1.4	1	
IMI - Intesa Sanpaolo	13*	58	404	1.9	1.7	1	
Al Rajhi Capital	15	-	369	1.7	-	2	
Pareto AS	16	24	365	1.7	0.8	8	
Barclays	17	7	362	1.7	-2.7	5	
SEB	18	53	277	1.3	1.1	6	
DNB ASA	19	31	275	1.3	0.7	8	
Investec	20	20	269	1.3	0.0	3	
ABG Sundal Collier	21	17	257	1.2	-0.3	11	
Evercore Partners	22	60	250	1.2	1.1	1	
IPOPEMA Securities SA	23	-	250	1.2	-	1	
Berenberg	24	12	250	1.2	-1.8	5	
UBS	25	11	216	1.0	-2.0	3	
Industry Total			21,247	100.0		183	

EMEA IPOs (C7c)							
	YoY Change (\$)		-76%	QoQ Change (\$)		-73%	
Bookrunner	Rank 2022	Rank 2021	Proceeds US\$mil	Market Share	Mkt. Sh Chg	# of Deals	
Riyadh Bank Ltd	1	-	963	14.8	-	2	
Saudi National Bank SJSC	2	-	815	12.6	-	2	
HSBC Holdings PLC	3	11	681	10.5	7.5	1	
GIB Capital	4	-	496	7.6	-	1	
Mediobanca	5*	46	404	6.2	6.0	1	
IMI - Intesa Sanpaolo	5*	-	404	6.2	-	1	
Al Rajhi Capital	7	-	369	5.7	-	2	
Carnegie Investment Bank AB	8	13	145	2.2	-0.3	2	
Pareto AS	9	22	130	2.0	1.0	2	
BNP Paribas SA	10	8	113	1.7	-2.7	2	
ABG Sundal Collier	11*	18	111	1.7	-0.2	1	
Morgan Stanley	11*	5	111	1.7	-5.7	1	
Sparebank 1 SMN	11*	23	111	1.7	0.8	1	
Jefferies LLC	11*	4	111	1.7	-5.7	1	
DNB ASA	11*	24	111	1.7	0.9	1	
BofA Securities Inc	11*	6	111	1.7	-5.1	1	
JP Morgan	11*	3	111	1.7	-6.1	1	
UBS	18	10	100	1.5	-2.2	1	
Saudi Investment Bank SJSC	19	-	83	1.3	-	1	
China International Capital Co	20*	-	81	1.3	-	1	
Zhongtai Securities Co Ltd	20*	-	81	1.3	-	1	
EFG Hermes	22*	30*	54	0.8	0.3	1	
CI Capital Investment Banking	22*	43*	54	0.8	0.6	1	
Renaissance Sec (Cyprus) Ltd	22*	43*	54	0.8	0.6	1	
Nordea	25	19	54	0.8	-0.9	2	
Industry Total			6,494	100.0		38	

EMEA Rights Offers (C8fr)							
	YoY Change (\$)		-95%	QoQ Change (\$)		-98%	
Bookrunner	Rank 2022	Rank 2021	Proceeds US\$mil	Market Share	Mkt. Sh Chg	# of Deals	
DNB ASA	1	21	116	31.6	30.6	3	
Nordea	2	31	106	28.8	28.4	1	
Falcom Financial Services	3	-	40	10.9	-	1	
Al Jazira Capital	4	-	32	8.7	-	1	
Carnegie Investment Bank AB	5	30	20	5.3	4.9	3	
Credit Agricole CIB	6	28	14	3.8	3.3	1	
Sparebank 1 SMN	7*	41	9	2.6	2.6	1	
Arctic Securities ASA	7*	-	9	2.6	-	1	
Futurum Bank AG	9	-	8	2.3	-	1	
Kairos Capital Ltd	10	-	7	2.0	-	1	
BankM Repraesentanz der flatex	11	-	6	1.6	-	1	
Millennium Dom Maklerski SA	12	-	0	0.0	-	1	
ABG Sundal Collier	13	18	0	0.0	-1.1	1	
Industry Total			367	100.0		11	

EMEA Common Stock (C4c)							
	YoY Change (\$)		-71%	QoQ Change (\$)		-71%	
Bookrunner	Rank 2022	Rank 2021	Proceeds US\$mil	Market Share	Mkt. Sh Chg	# of Deals	
Goldman Sachs & Co	1	2	1,825	9.0	0.5	9	
Morgan Stanley	2	1	1,718	8.5	-1.8	12	
BofA Securities Inc	3	5	1,388	6.9	1.6	8	
Jefferies LLC	4	6	1,151	5.7	0.5	9	
BNP Paribas SA	5	10	1,059	5.2	1.9	5	
Riyadh Bank Ltd	6	-	963	4.8	-	2	
JP Morgan	7	4	818	4.0	-2.5	8	
Saudi National Bank SJSC	8	-	815	4.0	-	2	
HSBC Holdings PLC	9	12	783	3.9	1.0	3	
Citi	10	3	759	3.7	-2.8	9	
Carnegie Investment Bank AB	11	16	602	3.0	0.9	16	
GIB Capital	12	-	496	2.5	-	1	
Mediobanca	13*	66	404	2.0	1.9	1	
IMI - Intesa Sanpaolo	13*	-	404	2.0	-	1	
Al Rajhi Capital	15	-	369	1.8	-	2	
Pareto AS	16	23	365	1.8	0.7	8	
Barclays	17	7	362	1.8	-2.9	5	
SEB	18	54	277	1.4	1.2	6	
DNB ASA	19	31	275	1.4	0.8	8	
Investec	20	18	269	1.3	-0.2	3	
ABG Sundal Collier	21	17	257	1.3	-0.4	11	
IPOPEMA Securities SA	22	-	250	1.2	-	1	
Berenberg	23	9	250	1.2	-2.2	5	
UBS	24	11	216	1.1	-1.9	3	
Liberum Capital	25	26	190	0.9	0.1	2	
Industry Total			20,271	100.0		180	

EMEA Convertibles (C9d)							
	YoY Change (\$)		-89%	QoQ Change (\$)		25%	
Bookrunner	Rank 2022	Rank 2021	Proceeds US\$mil	Market Share	Mkt. Sh Chg	# of Deals	
Evercore Partners	1*	-	250	25.6	-	1	
JP Morgan	1*	12	250	25.6	22.8	1	
Morgan Stanley	3	2	194	19.9	6.3	1	
Cooperatieve Rabobank UA	4*	-	94	9.7	-	1	
HSBC Holdings PLC	4*	5	94	9.7	5.1	1	
BNP Paribas SA	4*	3	94	9.7	0.9	1	
Industry Total			977	100.0		3	

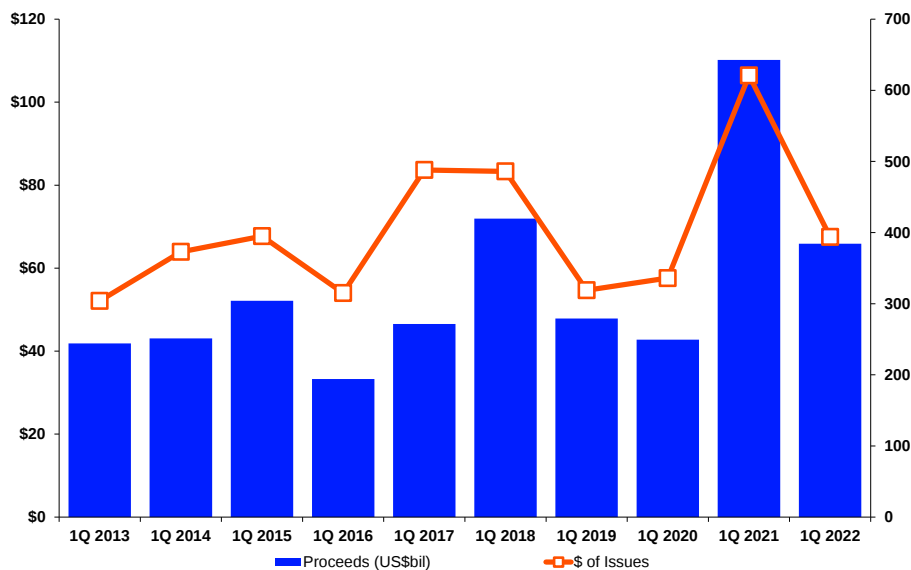
EMEA Secondary Offerings (C8f)							
	YoY Change (\$)		-68%	QoQ Change (\$)		-70%	
Bookrunner	Rank 2022	Rank 2021	Proceeds US\$mil	Market Share	Mkt. Sh Chg	# of Deals	
Goldman Sachs & Co	1	2	1,825	13.3	5.6	9	
Morgan Stanley	2	1	1,607	11.7	-0.6	11	
BofA Securities Inc	3	6	1,277	9.3	4.9	7	
Jefferies LLC	4	8	1,040	7.6	3.8	8	
BNP Paribas SA	5	13	946	6.9	4.3	3	
Citi	6	3	759	5.5	-0.2	9	
JP Morgan	7	4	707	5.1	-0.6	7	
Carnegie Investment Bank AB	8	17	457	3.3	1.5	14	
Barclays	9	7	331	2.4	-1.6	4	
Investec	10	14	269	2.0	-0.2	3	
SEB	11	66	258	1.9	1.8	5	
IPOPEMA Securities SA	12	-	250	1.8	-	1	
Pareto AS	13	23	235	1.7	0.6	6	
Berenberg	14	9	230	1.7	-2.1	4	
Liberum Capital	15	27	190	1.4	0.4	2	
DNB ASA	16	41	164	1.2	0.7	7	
Peel Hunt LLP	17	19	158	1.2	-0.5	2	
ABG Sundal Collier	18	20	146	1.1	-0.5	10	
SVB Financial Group	19*	34	143	1.0	0.5	1	
Cowen & Co	19*	29	143	1.0	0.2	1	
UBS	21	12	117	0.9	-1.7	2	
Alvarium Investments Ltd	22	-	113	0.8	-	1	
Close Brothers Group PLC	23	-	109	0.8	-	2	
Nordea	24	24	106	0.8	-0.3	1	
HSBC Holdings PLC	25	10	102	0.7	-2.1	2	
Industry Total			13,777	100.0		142	

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Asia ex Japan Insights

First Quarter 2022 | Equity Capital Markets | Managing Underwriters

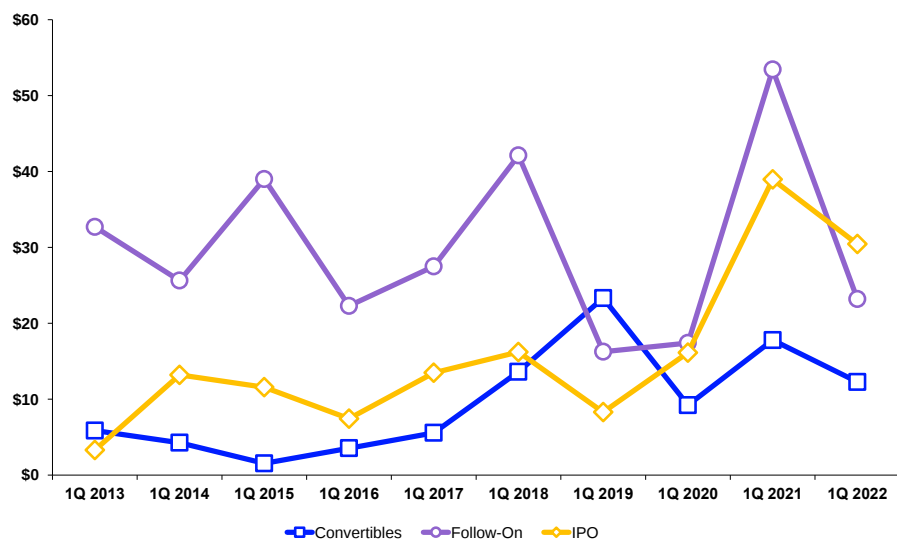
Asia ex Japan Equity Capital Markets Issuance



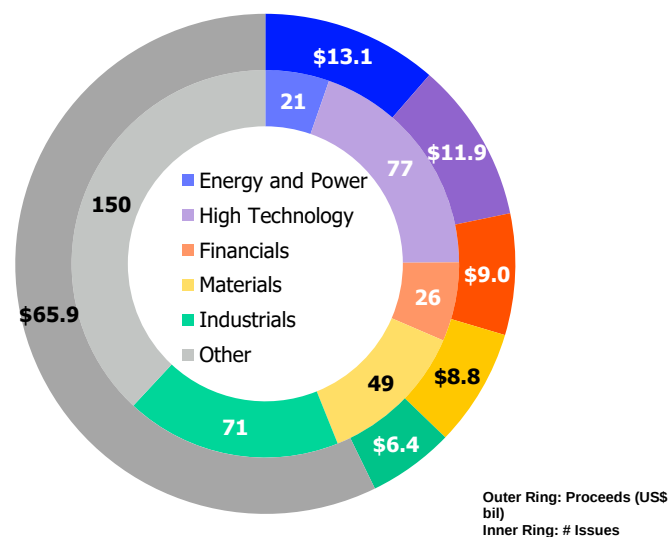
Top Asia ex Japan Equity & Equity-Related Deals

Issue Date	Issuer Name	Domicile Nation	Proceeds (US\$mil)	Issue Type	Macro Sector
01/14/22	LG Energy Solution Ltd	South Korea	10,749.4	IPO	Energy and Power
02/23/22	CITIC Securities Co Ltd	China	4,314.1	Follow-On	Financials
03/21/22	Bank of Chongqing Co Ltd	China	2,045.6	Convertible	Financials
02/22/22	Tongwei Co Ltd	China	1,896.9	Convertible	Consumer Products and Services
01/13/22	Jinko Solar Co Ltd	China	1,572.5	IPO	High Technology
03/01/22	Bk Of Chengdu Co Ltd	China	1,267.5	Convertible	Financials
03/22/22	China Galaxy Securities Co Ltd	China	1,225.3	Convertible	Financials
02/22/22	Zhejiang Huayou Cobalt Co Ltd	China	1,201.4	Convertible	Materials
03/24/22	Samsung Electronics Co Ltd	South Korea	1,125.9	Follow-On	Telecommunications
03/25/22	JD Logistics Inc	China	1,089.7	Follow-On	Industrials
02/11/22	Doosan Heavy Inds & Constr Co	South Korea	959.0	Follow-On	Industrials
02/22/22	Fujian Anjoy Foods Co Ltd	China	897.0	Follow-On	Consumer Staples
03/04/22	Ganzhou Teng Yuan Cobalt New	China	867.0	IPO	Materials

Asia ex Japan Equity Capital Markets - Issue Type Composition (US\$bil)



Asia ex Japan Equity Capital Markets - Macro Industry Composition



Asia-Pacific Rankings

First Quarter 2022 | Equity Capital Markets | Managing Underwriters

Asia Equity & Equity-Related Including Chinese A-shares (C1b)

YoY Change (\$) -40% QoQ Change (\$) -47%						
Bookrunner	Rank 2022	Rank 2021	Proceeds US\$m	Market Share	Mkt. Sh.	# of Issues
CITIC	1	2	7,355	11.2	4.0	34
China Securities Co Ltd	2	12	7,126	10.8	8.7	20
Huatai Securities Co Ltd	3	9	4,562	6.9	3.7	20
China International Capital Co	4	1	2,951	4.5	-2.9	19
Morgan Stanley	5	3	2,474	3.8	-3.4	12
Haitong Securities Co Ltd	6	7	2,194	3.3	-0.3	19
Guotai Junan Securities	7	5	2,180	3.3	-2.3	20
KB Financial Group Inc	8	16	2,104	3.2	1.8	9
Goldman Sachs & Co	9	4	2,045	3.1	-2.5	8
China Merchants Securities Co	10	26	2,018	3.1	2.2	7
Mirae Asset Daewoo Co Ltd	11	30	1,422	2.2	1.5	9
Citi	12	6	1,225	1.9	-2.8	5
Everbright Securities Co Ltd	13	33	1,213	1.8	1.1	7
Dongxing Securities	14	80	1,194	1.8	1.6	3
Shinyoung Securities Co, Ltd	15	70	1,158	1.8	1.6	3
BofA Securities Inc	16	11	1,146	1.7	-0.9	3
UBS	17	8	1,100	1.7	-1.9	12
Daishin Securities Co Ltd	18	52	1,023	1.6	1.2	3
Shinhan Financial Group Ltd	19	60	1,010	1.5	1.2	3
Hana Financial Group Inc	20	63	991	1.5	1.3	2
HI Investment & Securities Co	21	77*	977	1.5	1.3	1
JP Morgan	22	13	793	1.2	-0.7	5
Ping An Securities Ltd	23	42	771	1.2	0.7	4
Changjiang Securities Co Ltd	24	39	714	1.1	0.5	3
Industrial Securities Co Ltd	25	41	674	1.0	0.5	5
Industry Total			65,905	100.0		394

Asia Equity & Equity-Related Excluding Chinese A-shares (C1ba)

YoY Change (\$) -64% QoQ Change (\$) -45%						
Bookrunner	Rank 2022	Rank 2021	Proceeds US\$m	Market Share	Mkt. Sh.	# of Issues
Morgan Stanley	1	1	2,474	9.4	-1.3	12
KB Financial Group Inc	2	13	2,104	8.0	5.9	9
Goldman Sachs & Co	3	2	1,909	7.3	-0.3	7
Mirae Asset Daewoo Co Ltd	4	23	1,422	5.4	4.3	9
Citi	5	3	1,225	4.7	-2.4	5
Shinyoung Securities Co, Ltd	6	48	1,158	4.4	4.1	3
BofA Securities Inc	7	8	1,146	4.4	0.5	3
UBS	8	5	1,100	4.2	-1.1	12
Daishin Securities Co Ltd	9	35	1,023	3.9	3.4	3
Shinhan Financial Group Ltd	10	39	1,010	3.9	3.5	3
Hana Financial Group Inc	11	41	991	3.8	3.4	2
HI Investment & Securities Co	12	54*	977	3.7	3.4	1
JP Morgan	13	9	793	3.0	0.1	5
Credit Suisse	14	7	456	1.7	-2.4	6
Kotak Mahindra Bank Ltd	15	27	437	1.7	0.8	4
Haitong Securities Co Ltd	16	12	426	1.6	-0.8	7
CITIC	17	6	391	1.5	-3.1	9
China Securities Co Ltd	18	103	374	1.4	1.3	1
ICICI Bank Ltd	19	15	355	1.4	-0.3	5
DBS Group Holdings	20	53	328	1.3	1.0	5
IIFL Holdings Ltd	21	50	288	1.1	0.8	3
Korea Investment Holdings Co	22	17	251	1.0	-0.7	8
BNP Paribas SA	23	20	251	1.0	-0.5	2
China Merchants Securities Co	24	65	247	0.9	0.7	2
Samsung Securities	25	26	246	0.9	0.0	5
Industry Total			26,270	100.0		248

Asia IPOs Including Chinese A-Shares (C7a)

YoY Change (\$) -22% QoQ Change (\$) -26%						
Bookrunner	Rank 2022	Rank 2021	Proceeds US\$m	Market Share	Mkt. Sh.	# of Issues
China Securities Co Ltd	1	17	3,079	1.5	8.6	9
CITIC	2	4	2,747	4.2	4.8	17
China International Capital Co	3	3	1,543	4.7	0.4	12
Guotai Junan Securities	4	18	1,440	1.4	3.3	12
Haitong Securities Co Ltd	5	2	1,229	5.9	-1.9	13
BofA Securities Inc	6	8	1,046	3.2	0.2	2
Mirae Asset Daewoo Co Ltd	7	26	1,045	1.2	2.2	5
Daishin Securities Co Ltd	8	87	1,023	0.2	3.2	3
Morgan Stanley	9	5	1,023	4.1	-0.7	4
Shinhan Financial Group Ltd	10	98*	1,010	0.1	3.2	3
Citi	11	1	1,000	7.2	-3.9	2
Shinyoung Securities Co, Ltd	12	101	998	0.1	3.2	2
KB Financial Group Inc	13	46	997	0.7	2.6	3
Hana Financial Group Inc	14	40	991	0.7	2.6	2
HI Investment & Securities Co	15*	-	977	-	3.2	1
Goldman Sachs & Co	15*	7	977	3.6	-0.4	1
Huatai Securities Co Ltd	17	16	966	1.5	1.7	6
Dongxing Securities	18	79	880	0.2	2.7	2
China Merchants Securities Co	19	30	452	1.0	0.5	2
Minsheng Securities Co Ltd	20	35	431	0.8	0.6	4
Essence Securities Co Ltd	21	37	414	0.8	0.6	5
Chinalion Securities Co Ltd	22	56	328	0.4	0.7	1
Ping An Securities Ltd	23	-	276	-	0.9	1
Everbright Securities Co Ltd	24	28	272	1.1	-0.2	3
Shenwan Hongyuan Securities Co	25	33	266	0.9	0.0	3
Industry Total			30,444	100.0		167

Asia Secondary Offerings Including Chinese A-Shares (C8c)

YoY Change (\$) -57% QoQ Change (\$) -64%						
Bookrunner	Rank 2022	Rank 2021	Proceeds US\$m	Market Share	Mkt. Sh.	# of Issues
CITIC	1	1	2,204	9.5	-1.0	12
Huatai Securities Co Ltd	2	6	1,547	6.7	2.9	9
China Securities Co Ltd	3	28	1,508	6.5	5.7	5
Morgan Stanley	4	2	1,275	5.5	-4.4	7
China International Capital Co	5	4	1,204	5.2	-0.6	6
KB Financial Group Inc	6	11	1,108	4.8	2.4	6
China Merchants Securities Co	7	27	1,055	4.6	3.6	4
Goldman Sachs & Co	8	3	892	3.9	-4.2	6
Everbright Securities Co Ltd	9	56	812	3.5	3.2	3
UBS	10	5	756	3.3	-1.1	8
Haitong Securities Co Ltd	11	12	752	3.2	1.2	4
JP Morgan	12	13	724	3.1	1.3	4
Guotai Junan Securities	13	7	504	2.2	-1.3	6
Ping An Securities Ltd	14	26	495	2.1	1.1	3
Tianfeng Securities Co Ltd	15	-	477	2.1	2.1	2
China Galaxy Securities Co	16*	-	408	1.8	1.8	1
Industrial Securities Co Ltd	16*	63	408	1.8	1.6	1
China Post Securities	16*	-	408	1.8	1.8	1
Mirae Asset Daewoo Co Ltd	19	31	377	1.6	0.9	4
Credit Suisse	20	8	349	1.5	-1.7	4
DBS Group Holdings	21	62	310	1.3	1.1	4
Kotak Mahindra Bank Ltd	22	24	283	1.2	0.2	2
Citi	23	9	225	1.0	-2.2	3
Deutsche Bank	24	66	214	0.9	0.7	1
IIFL Holdings Ltd	25	-	204	0.9	0.9	2
Industry Total			23,189	100.0		193

*Indicates a Tie

Asia Convertibles Including Chinese A-Shares (C9b)

YoY Change (\$) -31% QoQ Change (\$) -32%						
Bookrunner	Rank 2022	Rank 2021	Proceeds US\$m	Market Share	Mkt. Sh.	# of Issues
China Securities Co Ltd	1	3	2,539	20.7	13.6	6
CITIC	2	9	2,404	19.6	15.6	5
Huatai Securities Co Ltd	3	7	2,050	16.7	11.5	5
China Merchants Securities Co	4	22	511	4.2	3.5	1
Changjiang Securities Co Ltd	5	16	510	4.2	3.1	2
Bank of China Ltd	6	8	423	3.4	-1.4	1
Minmetals Securities Co Ltd	7	-	396	3.2	3.2	1
Sinolink Securities Co Ltd	8	-	391	3.2	3.2	1
Dongxing Securities	9	-	314	2.6	2.6	1
UBS	10	5	313	2.6	-3.0	2
Guotai Junan Securities	11	1	237	1.9	-18.9	2
Haitong Securities Co Ltd	12	11	213	1.7	-2.0	2
China International Capital Co	13*	2	204	1.7	-16.4	1
Zheshang Securities Co Ltd	13*	-	204	1.7	1.7	1
Shenwan Hongyuan Securities Co	13*	-	204	1.7	1.7	1
GF Securities	16	-	185	1.5	1.5	2
Morgan Stanley	17*	6	176	1.4	-4.1	1
Goldman Sachs & Co	17*	12	176	1.4	-1.4	1
Minsheng Securities Co Ltd	19	27	131	1.1	0.8	1
Everbright Securities Co Ltd	20	17	130	1.1	0.1	1
First Capital Securities	21	-	107	0.9	0.9	1
Industrial Securities Co Ltd	22	26	90	0.7	0.4	1
Yuanta Financial Hldg Co Ltd	23	-	63	0.5	0.5	1
Western Securities	24	31	61	0.5	0.3	1
Dongguan Securities Co Ltd	25	25	52	0.4	0.1	1
Industry Total			12,272	100.0		34

Australian Equity & Equity Related (AK1)

YoY Change (\$) -58% QoQ Change (\$) -83%						
Bookrunner	Rank 2022	Rank 2021	Proceeds AU\$m	Market Share	Mkt. Sh.	# of Issues
Canaccord Genuity Grp Inc	1	3	520	14.0	5.4	27
Petra Capital Pty Ltd	2	13	435	11.8	10.6	8
BofA Securities Inc	3	33	364	9.8	9.6	3
Bell Financial Group Ltd	4	9	262	7.1	4.6	18
Macquarie Group	5	12	258	7.0	5.7	4
Shaw & Partners Ltd	6	10	214	5.8	3.8	5
Euroz Ltd	7	11	187	5.1	3.3	16
Jefferies LLC	8	-	148	4.0	4.0	2
Jarden & Co	9	14	144	3.9	3.1	2
Barclays	10	-	135	3.7	3.7	2
Credit Suisse	11	-	100	2.7	2.7	1
Argonaut Ltd	12	39	98	2.6	2.4	7
Taylor Collison Ltd	13	22	73	2.0	1.5	7
Wilson Corporate Finance Ltd	14	19	63	1.7	1.1	2
Evolution Capital Ltd	15	-	50	1.4	1.4	4
Aitken Murray Capital	16	15	44	1.2	0.4	2
PAC Partners Pty Ltd	17	21	41	1.1	0.5	6
Sprott Inc	18	17	40	1.1	0.4	4
Evans Dixon Pty Ltd	19	31*	40	1.1	0.9	1
UBS	20	2	39	1.1	-16.7	1
Morgans Financial Ltd	21	8	37	1.0	-2.0	5
Ashanti Capital	22	63	34	0.9	0.8	3
Peak Asset Management Pty Ltd	23	47*	22	0.6	0.5	7
Mahe Capital Pty Ltd	24	96	20	0.5	0.5	5
MST Financial Services Pty Ltd	25	49	19	0.5	0.4	2
Industry Total			3,702	100.0		194

Japan Rankings

First Quarter 2022 | Equity Capital Markets | Managing Underwriters

Japan Equity & Equity-Related (C1e)

Bookrunner	Rank 2022	Rank 2021	Proceeds US\$mil	Market Share	Mkt. Sh. Chg	# of Deals
Sumitomo Mitsui Finl Grp Inc	1	4	803	24.9	8.9	16
Nomura	2	2	713	22.1	4.2	11
Mitsubishi UFJ Morgan Stanley	3	3	448	13.9	-2.2	5
Daiwa Securities Group Inc	4	5	327	10.1	-4.6	8
BofA Securities Inc	5	6	317	9.8	6.1	1
JP Morgan	6	-	281	8.7	8.7	1
Mizuho Financial Group	7	1	223	6.9	-15.0	9
Okasan Securities Group Inc	8	13	45	1.4	1.1	2
Tokai Tokyo Financial Holdings	9	11	28	0.9	0.4	2
Univest Securities Ltd	10	-	25	0.8	0.8	1
SBI Holdings Inc	11	7	10	0.3	-3.3	2
HS Securities Co Ltd	12	-	7	0.2	0.2	1

Industry Total 3,225 100.0 42

Japan IPOs (C7d)

Bookrunner	Rank 2022	Rank 2021	Proceeds US\$mil	Market Share	Mkt. Sh. Chg	# of Deals
Mizuho Financial Group	1	2	107	39.9	19.0	5
Sumitomo Mitsui Finl Grp Inc	2	4	53	19.8	8.6	4
Univest Securities Ltd	3	-	25	9.3	9.3	1
Tokai Tokyo Financial Holdings	4	10	23	8.5	5.9	1
Nomura	5	1	22	8.3	-16.0	2
Okasan Securities Group Inc	6	-	17	6.3	6.3	1
SBI Holdings Inc	7	7	10	3.6	-1.2	2
HS Securities Co Ltd	8	-	7	2.5	2.5	1
Daiwa Securities Group Inc	9	3	5	1.9	-11.7	1

Industry Total 268 100.0 18

Top Japan Equity & Equity-Related Deals

Issue Date	Issuer Name	Proceeds (US\$mil)	Issue Type	Macro Industry
1/17/22	Nippon Paint Holdings Co Ltd	1,269.3	FO	Materials
1/13/22	Nippon Building Fund Inc	288.8	FO	Real Estate
3/10/22	Cosmo Energy Holdings Co Ltd	280.6	FO	Energy and Power
2/16/22	Mitsubishi Estate Logistics	207.3	FO	Real Estate
1/19/22	Mitsui Fudosan Logistics Park	162.1	FO	Real Estate
1/12/22	Japan Prime Realty Investment	128.6	FO	Real Estate
2/17/22	Kenedix Residential NEXT	83.1	FO	Real Estate
2/15/22	Japan Logistics Fund Inc	74.4	FO	Real Estate
2/21/22	Bewith Inc	74.4	IPO	Consumer Products and Services
3/14/22	SRE Holdings Corp	73.7	FO	Real Estate

Japan Secondary Offerings (C8d)

Bookrunner	Rank 2022	Rank 2021	Proceeds US\$mil	Market Share	Mkt. Sh. Chg	# of Deals
Sumitomo Mitsui Finl Grp Inc	1	4	750	25.4	10.6	12
Nomura	2	3	691	23.4	8.3	9
Mitsubishi UFJ Morgan Stanley	3	2	448	15.1	-0.9	5
Daiwa Securities Group Inc	4	5	322	10.9	0.4	7
BofA Securities Inc	5	7	317	10.7	6.6	1
JP Morgan	6	-	281	9.5	9.5	1
Mizuho Financial Group	7	1	117	3.9	-25.4	4
Okasan Securities Group Inc	8	12	28	1.0	0.6	1
Tokai Tokyo Financial Holdings	9	-	5	0.2	0.2	1

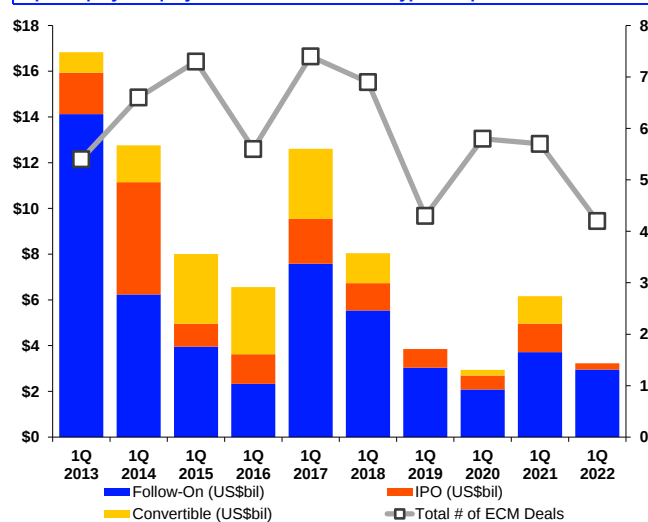
Industry Total 2,958 100.0 24

Japan Common Stock (C4d)

Bookrunner	Rank 2022	Rank 2021	Proceeds US\$mil	Market Share	Mkt. Sh. Chg	# of Deals
Sumitomo Mitsui Finl Grp Inc	1	3	803	24.9	11.0	16
Nomura	2	2	713	22.1	4.7	11
Mitsubishi UFJ Morgan Stanley	3	4	448	13.9	0.2	5
Daiwa Securities Group Inc	4	5	327	10.1	-1.2	8
BofA Securities Inc	5	6	317	9.8	5.2	1
JP Morgan	6	-	281	8.7	8.7	1
Mizuho Financial Group	7	1	223	6.9	-20.3	9
Okasan Securities Group Inc	8	13	45	1.4	1.1	2
Tokai Tokyo Financial Holdings	9	11	28	0.9	0.3	2
Univest Securities Ltd	10	-	25	0.8	0.8	1
SBI Holdings Inc	11	7	10	0.3	-4.2	2
HS Securities Co Ltd	12	-	7	0.2	0.2	1

Industry Total 3,225 100.0 42

Japan Equity & Equity-Related Volume - Issue Type Composition



*Indicates a Tie

China Rankings

First Quarter 2022 | Equity Capital Markets | Managing Underwriters

China Equity & Equity-Related (C1m)							YoY Change (\$)	-43%	QoQ Change (\$)	-50%
Bookrunner	Rank 2022	Rank 2021	Proceeds US\$m	Market Share	Mkt. Sh. Chg	# of Deals				
CITIC	1	2	7,247	16.3	6.7	30				
China Securities Co Ltd	2	9	7,126	16.1	13.2	20				
Huatai Securities Co Ltd	3	7	4,562	10.3	5.7	20				
China International Capital Co	4	1	2,908	6.6	-3.9	18				
Guotai Junan Securities	5	4	2,173	4.9	-2.2	18				
Haitong Securities Co Ltd	6	6	2,151	4.9	0.0	18				
China Merchants Securities Co	7	19	2,018	4.6	3.3	7				
Everbright Securities Co Ltd	8	25	1,206	2.7	1.7	5				
Dongxing Securities	9	44	1,194	2.7	2.4	3				
Morgan Stanley Huaxin Securities	10	3	918	2.1	-6.8	7				
Ping An Securities Ltd	11	32	771	1.7	1.0	4				
Changjiang Securities Co Ltd	12	28	714	1.6	0.8	3				
Industrial Securities Co Ltd	13	31	674	1.5	0.8	5				
Shenwan Hongyuan Securities Co	14	16	660	1.5	0.0	5				
Sinolink Securities Co Ltd	15	22	598	1.4	0.2	3				
China Galaxy Securities Co	16	70	593	1.3	1.2	3				
Minsheng Securities Co Ltd	17	33	562	1.3	0.7	5				
UBS	18	10	487	1.1	-1.8	6				
Essence Securities Co Ltd	19	39	486	1.1	0.7	7				
Tianfeng Securities Co Ltd	20	-	477	1.1	1.1	2				
Goldman Sachs & Co	21	5	463	1.0	-5.8	4				
Bank of China Ltd	22	17	445	1.0	-0.4	2				
China Post Securities	23	-	408	0.9	0.9	1				
Minmetals Securities Co Ltd	24	50	396	0.9	0.7	1				
GF Securities	25	35	376	0.9	0.4	5				
Industry Total			44,343	100.0		179				

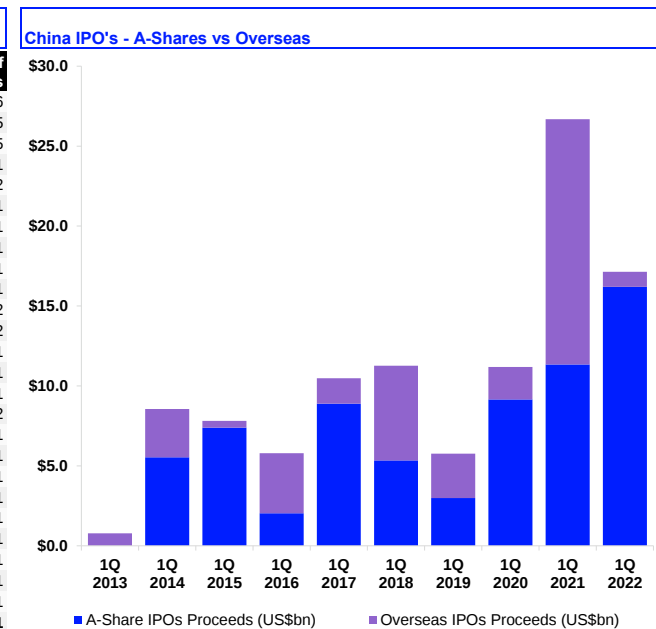
China IPOs (C7m)							YoY Change (\$)	-36%	QoQ Change (\$)	-36%
Bookrunner	Rank 2022	Rank 2021	Proceeds US\$m	Market Share	Mkt. Sh. Chg	# of Deals				
China Securities Co Ltd	1	16	3,079	18.0	15.8	9				
CITIC	2	5	2,713	15.8	11.5	15				
China International Capital Co	3	3	1,543	9.0	2.2	12				
Guotai Junan Securities	4	17	1,433	8.4	6.3	10				
Haitong Securities Co Ltd	5	1	1,229	7.2	-1.4	13				
Huatai Securities Co Ltd	6	15	966	5.6	3.4	6				
Dongxing Securities	7	49	880	5.1	4.8	2				
China Merchants Securities Co	8	23	452	2.6	1.2	2				
Minsheng Securities Co Ltd	9	27	431	2.5	1.3	4				
Essence Securities Co Ltd	10	29	414	2.4	1.3	5				
Chinalion Securities Co Ltd	11	35	328	1.9	1.3	1				
Ping An Securities Ltd	12	-	276	1.6	1.6	1				
Everbright Securities Co Ltd	13	21	265	1.6	0.0	1				
Shenwan Hongyuan Securities Co	14	25	263	1.5	0.2	2				
Guoyuan Securities Co Ltd	15	39	240	1.4	0.9	2				
China Great Wall Sec Co Ltd	16	48	209	1.2	0.9	2				
Central China Securities	17	18	205	1.2	-0.7	1				
Changjiang Securities Co Ltd	18	20	203	1.2	-0.4	1				
GF Securities	19	22	191	1.1	-0.4	3				
China Galaxy Securities Co	20	56	185	1.1	0.9	2				
Industrial Securities Co Ltd	21	24	176	1.0	-0.4	3				
Orient Securities Co Ltd	22	31	174	1.0	0.1	1				
NatWest Markets	23	-	152	0.9	0.9	1				
Founder Securities Co Ltd	24	-	135	0.8	0.8	1				
Sinolink Securities Co Ltd	25	26	126	0.7	-0.5	1				
Industry Total			17,136	100.0		84				

Top China Equity & Equity-Related Deals				
Issue Date	Issuer Name	Proceeds (US\$m)	Issue Type	Macro Industry
02/23/22	CITIC Securities Co Ltd	4,314.1	FO	Financials
03/21/22	Bank of Chongqing Co Ltd	2,045.6	CVT	Financials
02/22/22	Tongwei Co Ltd	1,896.9	CVT	Consumer Products and Services
01/13/22	Jinko Solar Co Ltd	1,572.5	IPO	High Technology
03/01/22	Bk Of Chengdu Co Ltd	1,267.5	CVT	Financials
03/22/22	China Galaxy Securities Co Ltd	1,225.3	CVT	Financials
02/22/22	Zhejiang Huayou Cobalt Co Ltd	1,201.4	CVT	Materials
03/25/22	JD Logistics Inc	1,089.7	FO	Industrials
02/22/22	Fujian Anjoy Foods Co Ltd	897.0	FO	Consumer Staples
03/04/22	Ganzhou Teng Yuan Cobalt New	867.0	IPO	Materials
01/17/22	Yonyou Network Tech Co Ltd	834.6	FO	High Technology
02/23/22	CITIC Pac Special Steel Grp	792.0	CVT	Materials
02/17/22	Natl Silicon Ind Grp Co Ltd	788.9	FO	High Technology

China Secondary Offerings (C8m)							YoY Change (\$)	-57%	QoQ Change (\$)	-66%
Bookrunner	Rank 2022	Rank 2021	Proceeds US\$m	Market Share	Mkt. Sh. Chg	# of Deals				
CITIC	1	1	2,130	14.1	-1.7	10				
Huatai Securities Co Ltd	2	5	1,547	10.3	4.6	9				
China Securities Co Ltd	3	20	1,508	10.0	8.8	5				
China International Capital Co	4	4	1,161	7.7	-1.1	5				
China Merchants Securities Co	5	18	1,055	7.0	5.6	4				
Everbright Securities Co Ltd	6	32	812	5.4	5.0	3				
Haitong Securities Co Ltd	7	8	709	4.7	2.3	3				
Morgan Stanley Huaxin Securities	8	2	696	4.6	-9.6	3				
Guotai Junan Securities	9	7	504	3.3	-0.2	6				
Ping An Securities Ltd	10	17	495	3.3	1.8	3				
Tianfeng Securities Co Ltd	11	-	477	3.2	3.2	2				
China Galaxy Securities Co	12*	-	408	2.7	2.7	1				
Industrial Securities Co Ltd	12*	35	408	2.7	2.4	1				
China Post Securities	12*	-	408	2.7	2.7	1				
Goldman Sachs & Co	15	3	286	1.9	-9.4	3				
Deutsche Bank	16	36*	214	1.4	1.1	1				
UBS	17	6	205	1.4	-3.4	3				
Shenwan Hongyuan Securities Co	18	10	192	1.3	-1.0	2				
AVIC Securities Co Ltd	19	-	189	1.3	1.3	1				
DBS Group Holdings	20*	-	182	1.2	1.2	1				
BNP Paribas SA	20*	46	182	1.2	1.0	1				
Zhongtai Securities Co Ltd	22	15	165	1.1	-0.4	4				
Soochow Securities Co Ltd	23	38	156	1.0	0.7	2				
Orient Securities Co Ltd	24	9	147	1.0	-1.3	1				
China Great Wall Sec Co Ltd	25	-	146	1.0	1.0	2				
Industry Total			15,093	100.0		64				

*Indicates a Tie

China Convertible (C9m)							YoY Change (\$)	-20%	QoQ Change (\$)	-30%
Bookrunner	Rank 2022	Rank 2021	Proceeds US\$m	Market Share	Mkt. Sh. Chg	# of Deals				
China Securities Co Ltd	1	3	2,539	21.0	12.6	6				
CITIC	2	7	2,404	19.9	15.5	5				
Huatai Securities Co Ltd	3	4	2,050	16.9	10.8	5				
China Merchants Securities Co	4	19	511	4.2	3.4	1				
Changjiang Securities Co Ltd	5	13	510	4.2	2.9	2				
Bank of China Ltd	6	-	423	3.5	3.5	1				
Minmetals Securities Co Ltd	7	-	396	3.3	3.3	1				
Sinolink Securities Co Ltd	8	-	391	3.2	3.2	1				
Dongxing Securities	9	-	314	2.6	2.6	1				
UBS	10	10	250	2.1	-1.2	1				
Guotai Junan Securities	11	1	237	2.0	-22.6	2				
Haitong Securities Co Ltd	12	8	213	1.8	-2.5	2				
China International Capital Co	13*	2	204	1.7	-19.6	1				
Zheshang Securities Co Ltd	13*	-	204	1.7	1.7	1				
Shenwan Hongyuan Securities Co	13*	-	204	1.7	1.7	1				
GF Securities	16	-	185	1.5	1.5	2				
Morgan Stanley Huaxin Securities	17*	9	176	1.5	-1.9	1				
Goldman Sachs & Co	17*	11	176	1.5	-1.0	1				
Minsheng Securities Co Ltd	19	24	131	1.1	0.8	1				
Everbright Securities Co Ltd	20	14	130	1.1	-0.1	1				
First Capital Securities	21	-	107	0.9	0.9	1				
Industrial Securities Co Ltd	22	23	90	0.7	0.4	1				
Western Securities	23	25	61	0.5	0.2	1				
Dongguan Securities Co Ltd	24	22	52	0.4	0.0	1				
Deutsche Bank	25	-	51	0.4	0.4	1				
Industry Total			12,115	100.0		31				



Equity Capital Markets Criteria

First Quarter 2022 | Managing Underwriters

If you would like to participate in the submission process, receive quarterly press releases, or have questions about our full league table criteria please contact:

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All league tables are based on deal proceeds (total issue amount or number of shares multiplied by the issue price) unless otherwise stated. All data for the periods shown are as reflected in Refinitiv databases as of 9:00am EST on March 31, 2022. Full credit is given to the bookrunner, equal if joint books. In cases of underwriter consolidation, credit is given to the surviving/parent firm.

Transactions must be received within 5 business days of pricing. (Rule 144a transactions sold exclusively in the US market, MBS, ABS transactions in all markets and all Federal Credit Agency transactions must be received within 5 business days of settlement.) Transactions not received by the applicable deadline are entered into the database but classified as rank ineligible and are not included in league tables for the current calendar year.

Database coverage includes domestic and international placements of equity offerings in addition to domestic and international equity-related transactions. This includes IPOs, follow-on offerings, accelerated bookbuilds and block trades (with certain restrictions) and convertible bonds.

Convertible Bonds with a minimum life of less than 360 days are excluded. Minimum life defined as the difference between the settlement date and the earliest maturity date or first call/put option.

Non-US dollar denominated transactions are converted to the US dollar equivalent at the time of pricing.

League table volumes for Mitsubishi UFJ Financial Group and Morgan Stanley, included herein, reflect changes after the commencement of their jointly established securities firms in Japan: (1) Mitsubishi UFJ Morgan Stanley Securities and (2) Morgan Stanley MUFG Securities. Credit for the newly established joint ventures rolls up to Morgan Stanley. For Japanese involvement league tables Morgan Stanley will be represented as "Mitsubishi UFJ Morgan Stanley".

League table volumes for Huaxin Securities and Morgan Stanley, included herein, reflect changes after the commencement of their jointly established securities firm in China: Morgan Stanley Huaxin Securities. Credit for the newly established joint ventures rolls up to Morgan Stanley. For Chinese involvement league tables Morgan Stanley will be represented as "Morgan Stanley Huaxin Securities".

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