H1'24 Boosted by IPO Activity



US ECM dollar volume increased 50% in H1'24 vs. H1'23 despite a decrease in volume in Q2'24 vs. Q1'24.

- Including SPACs and Unregistered Block activity, 470 offerings raised \$116.4B
- March remains the most active month year to date with 96 offerings raising \$29.0B
- Average weekly activity in H1 increased to 17 offerings vs. 15 in FY23
- Average H1'24 IPO size increased 32.1% from \$171.7M in FY'23 to \$226.8M (vs. median deal size of \$75.0M)

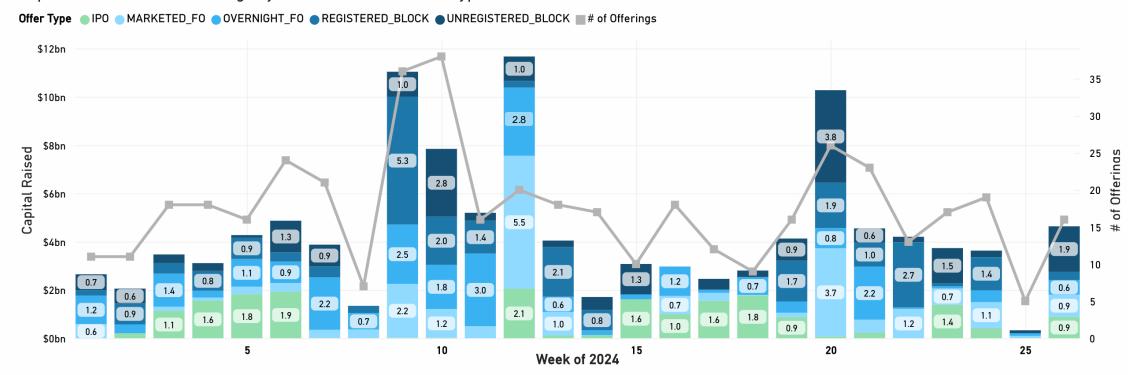
- Average H1'24 registered follow-on size increased 29.8% from \$213.1M to \$276.6M YTD (vs. median deal size of \$142.1M)
- 14 IPOs raised \$500M or more (7 in Q1 and 7 in Q2) exceeding all of FY23 where just 7 deals surpassed \$500M
- 61 Convert offerings raised \$47.0B with 30 offerings in Q1 raising \$20.3B, and 31 offerings in Q2 \$26.7B.
- Kenvue Inc. shareholder Johnson & Johnson raised
 \$3.6B in May accounting for the largest offering year to date



Capital Raised, Number of Offerings



Capital Raised and # of Offerings by Week of 2024 and Offer Type



Including Unregistered Block activity tracked by CMG, YTD transaction volume reached \$113.9B with \$65.4B raised in Q1 and \$48.5B raised in Q2 for a net increase of 50.0% as compared with the first half of 2023.

March was the busiest month of 2024 with 94 offerings raising \$28.8B.

83 IPOs raised \$18.8B YTD representing an 84.3% increase over the same period last year, while **follow-on issuance raised \$95.1B** representing a 44.7% increase over the prior year via 372 offerings.

Healthcare took the lead as the most active sector raising \$33.2B (29.2% market share) followed by Technology \$21.9B (19.2% market share) and Industrials \$10.5B (9.3% market share).



US IPO Summary



Offerings

83

Capital Raised

\$18.8B

83 / \$18.8B

QTY. DOLLARS

 12.2%
 76.8%
 11.0%

 BELOW
 WITHIN
 ABOVE

10.7% 1.7% (7.9%)
1 DAY 30 DAY CURRENT

Pricing and Discount Trends (Mean): Q1 and Q2

IPOs - Price vs. Initial Range

- Above Range 13.2%, 9.1%
- Within Range 68.4%, 84.1%
- Below Range 18.4%,12.4%



Historical Offering Volume (\$)





US IPO Summary continued

Top 10 US IPOs by Size - H1 2024

<u>Pricing Date</u>	Issuer	<u>Ticker</u>	Sector	Offering Type	Offering Size	Market Cap	<u>T+1</u>	Offer to Current	% Secondary	Left Lead
					▼					
Tue, 04/30/2024	Viking Holdings Ltd	VIK	Consumer Cyclical	IPO	\$1,768M	\$10,355M	8.75%	39.58%	82.82%	BofA
Wed, 01/31/2024	Amer Sports, Inc.	AS	Consumer Cyclical	IPO	\$1,570M	\$6,363M	3.08%	(4.46%)	-	Goldman Sachs
Thu, 04/11/2024	UL Solutions Inc.	ULS	Industrials	IPO	\$1,088M	\$5,600M	24.79%	52.71%	100.00%	Goldman Sachs
Thu, 01/18/2024	Joint Stock Co Kaspi.kz	KSPI	Technology	IPO	\$1,040M	\$17,413M	5.54%	41.10%	100.00%	Morgan Stanley
Thu, 06/06/2024	Waystar Holding Corp.	WAY	Healthcare	IPO	\$968M	\$3,583M	(3.72%)	0.05%	-	J.P. Morgan
Wed, 04/24/2024	Rubrik, Inc.	RBRK	Technology	IPO	\$863M	\$5,630M	15.63%	(6.56%)	-	Goldman Sachs
Wed, 03/20/2024	Reddit, Inc.	RDDT	Communication Services	IPO	\$860M	\$5,406M	48.35%	116.21%	30.56%	Morgan Stanley
Tue, 03/19/2024	Astera Labs, Inc.	ALAB	Technology	IPO	\$820M	\$5,490M	72.31%	68.06%	15.21%	Morgan Stanley
Tue, 02/06/2024	American Healthcare REIT, Inc.	AHR	Real Estate	IPO	\$773M	\$1,478M	10.17%	26.08%	-	BofA
Thu, 01/25/2024	BrightSpring Health Services, Inc.	BTSG	Healthcare	IPO	\$693M	\$2,225M	(15.38%)	(14.62%)	-	Goldman Sachs
Average					\$1,044M	\$6,354M	16.95%	31.81%		



On a dollar-weighted basis, **2024 IPOs returned 16.3% from offer to first day close** (vs. a mean of 10.7%).

Largest Dollar-weighted Alpha Contributors 1-Day

Astera Labs, Inc. - 03/19/24 - \$819.7M IPO +72.3% CG Oncology, Inc. - 01/24/24 - \$437.0M IPO +52.6% Reddit, Inc. - 02/22/24 - \$860.2M IPO +48.4%

To Current

Reddit, Inc. - 02/22/24 - \$860.2M IPO +87.9% Viking Holdings Ltd - 02/08/23 - \$1,767.5M IPO +41.4% Astera Labs, Inc. - 03/19/24 - \$819.7M IPO +68.3%

Mean IPO size increased from \$164.3M in H1 2023 to \$226.8M in H1 2024, representing an increase of 38.0%.



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Top 10 US Convertible Offerings by Size

Top 10 Convertible Offerings by Size - H1 2024

<u>Pricing Date</u>	<u>Issuer</u>	Symbol	Security Type	Principal Amount (Inc. Ovlt. Exercised)	Rule 144A	Offer Price	Coupon	Premium	Coupon Talk Low	Coupon Talk High	Premium Talk Low	<u>Premium</u> <u>Talk High</u>
Thu, 05/23/2024	Alibaba Group Holding Ltd	BABA	Convertible Senior Notes	\$5,000M	True	\$1,000	0.50%	30.00%	0.25%	0.75%	30.00%	35.00%
Tue, 03/05/2024	Albemarle Corporation	ALB	Depositary Shares, each representing a 1/20th interest in a share of Series A Mandatory Convertible Preferred Stock	\$2,300M	False	\$50	7.25%	19.99%	7.00%	7.50%	17.50%	22.50%
Tue, 02/20/2024	Global Payments Inc.	GPN	Convertible Senior Notes	\$2,000M	True	\$1,000	1.50%	20.00%	1.50%	2.00%	17.50%	22.50%
Tue, 05/21/2024	JD.com Inc	JD	Convertible Senior Notes due 2029	\$2,000M	True	\$1,000	0.25%	35.01%	-	0.25%	35.00%	35.00%
Mon, 06/17/2024	NextEra Energy Inc	NEE	Mandatory Convertible Equity Units	\$2,000M	False	\$49	7.30%	24.99%	7.30%	7.30%	25.00%	25.00%
Thu, 02/22/2024	Super Micro Computer, Inc.	SMCI	Convertible Senior Notes due 2029	\$1,725M	True	\$1,000	-	37.50%	-	0.50%	35.00%	40.00%
Mon, 05/06/2024	Southern Co	SO	Convertible Senior Notes due 2027	\$1,500M	True	\$1,000	4.50%	22.50%	4.00%	4.50%	22,50%	27.50%
Tue, 06/04/2024	Trip.com Group Ltd	TCOM	Convertible Senior Notes due 2029	\$1,500M	True	\$1,000	0.75%	32.50%	0.50%	1.00%	30.00%	35.00%
Mon, 05/13/2024	MKS Instruments Inc	MKS	Convertible Senior Notes Due 2030	\$1,400M	True	\$1,000	1.25%	30.00%	1.25%	1.75%	27.50%	32.50%
Tue, 03/05/2024	SoFi Technologies, Inc.	SOFI	Convertible Senior Notes	\$863M	True	\$1,000	1.25%	29.99%	1.00%	1.50%	27.50%	32.50%
Wed, 05/22/2024	WEC Energy Group, Inc.	WEC	Convertible Senior Notes due 2027	\$863M	True	\$1,000	4.38%	20.00%	3.88%	4.38%	20.00%	25.00%
Wed, 05/22/2024	WEC Energy Group, Inc.	WEC	Convertible Senior Notes due 2029	\$863M	True	\$1,000	4.38%	20.00%	3.88%	4.38%	20.00%	25.00%
Wed, 02/21/2024	Parsons Corp	PSN	Convertible Senior Notes due 2029	\$800M	True	\$1,000	2.63%	25.00%	2.63%	2.63%	25.00%	25.00%
Tue, 03/05/2024	Microstrategy Incorporated	MSTR	Convertible Senior Notes	\$800M	True	\$1,000	0.63%	42.50%	0.50%	1.00%	37.50%	42.50%
Thu, 06/13/2024	Microstrategy Incorporated	MSTR	Convertible Senior Notes due 2032	\$800M	True	\$1,000	2.25%	35.01%	1.75%	2.25%	35.00%	40.00%
Mon, 06/24/2024	Liberty Broadband Corp.	CHTR	Exchangeable senior debentures due 2054 (Charter Communications, Inc.)	\$800M	True	\$1,000	3.13%	37.50%	2.75%	3.25%	37.50%	42.50%
Tue, 02/27/2024	Five9 Inc	FIVN	Convertible Senior Notes	\$748M	True	\$1,000	1.00%	30.00%	1.00%	1.50%	27.50%	32.50%
Mon, 03/04/2024	MP Materials Corp.	MP	Convertible Senior Notes due 2030	\$748M	True	\$1,000	3.00%	39.99%	2.75%	3.25%	37.50%	42.50%
Wed, 05/22/2024	Haemonetics Corp.	HAE	Convertible Senior Notes due 2029	\$700M	True	\$1,000	2.50%	30.00%	2.38%	2.88%	25.00%	30.00%
Thu, 06/06/2024	UGI Corp.	UGI	Convertible Senior Notes due 2028	\$700M	True	\$1,000	5.00%	20.00%	4.00%	4.50%	20.00%	25.00%
Average				\$1,405M		\$905	2.67%	29.12%				

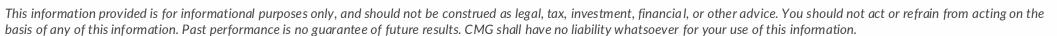
61 Convert offerings raised \$47.0B with 30 offerings in Q1 raising \$20.3B, and 31 offerings in Q2 \$26.7B.

Pricing and Discount Trends (Mean): Q1 and Q2

Converts

- Average Coupon 2.9%, 3.2%
- Average Premium 29.8%, 30.3%
- Offerings including Capped Call 63.3%, 45.2%
- Average Effective Conversion Premium 79.2%, 91.8%





US Follow-on Summary



Offerings

372

211 / \$95.1B

QTY.

DOLLARS

Capital Raised

\$95.1B

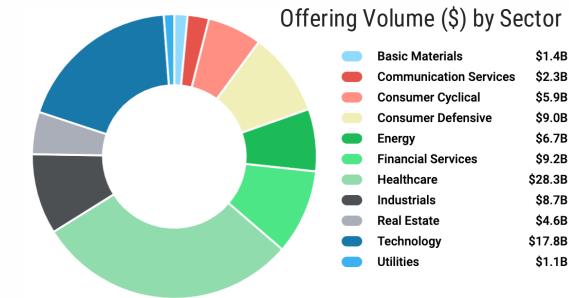
(9.4%)% FILE TO OFFER (7.8%)

TO LAST TRADE

2.0% 1 DAY

2.7% 30 DAY (1.7%)**CURRENT**



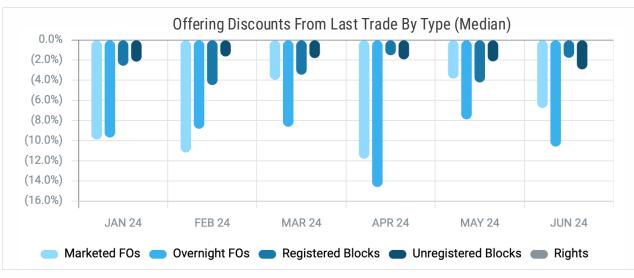




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US Follow-on Summary continued

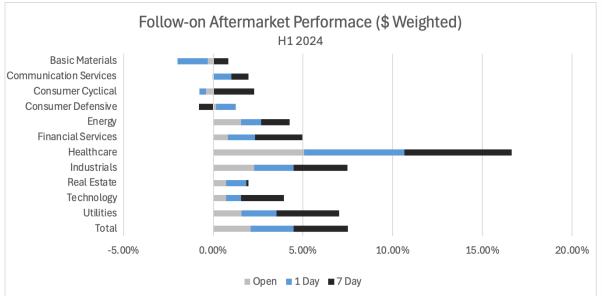




Pricing and Discount Trends (Mean): Q1 and Q2

Follow-ons - File to Offer Discount %

- Marketed FOs (20.3%), (17.6%)
- Overnight FOs (12.2%), (11.6%) vs. Q1 and Q2 % to VWAP of: (12.6%), (12.0%)
- Registered Blocks (4.4%), (3.7%) vs. Q1 and Q2 % to VWAP of: (4.4%), (3.9%)
- Unregistered Blocks (2.3%), (2.7%) vs. Q1 and Q2 % to VWAP of: (3.2%), (2.5%)



On a dollar-weighted basis, registered follow-ons returned 3.3% from offer to first day close (vs. a mean of 3.1%).



US Follow-on Summary continued



Top 10 US Follow-ons by Size - H1 2024

Pricing Date	<u>Issuer</u>	<u>Sector</u>	Offering Type	Offering Size ▼	File to Offer	<u>T+1</u>	Offer to Current	% Secondary
Tue, 05/14/2024	Kenvue Inc.	Consumer Defensive	MARKETED_FO	\$3,647M	(2.63%)	2.70%	(8.80%) 🕹	100.00%
Tue, 03/19/2024	Haleon PLC	Healthcare	MARKETED_FO	\$3,103M	(5.54%)	6.75%	6.11%	100.00%
Thu, 02/29/2024	Keurig Dr Pepper Inc.	Consumer Defensive	REGISTERED_BLOCK	\$2,910M	(2.71%)	0.62%	12.65%	100.00%
Thu, 03/14/2024	Anheuser-Busch InBev SA/NV	Consumer Defensive	OVERNIGHT_FO	\$2,153M	(4.73%)	(0.80%)	(4.62%) 🖖	100.00%
Wed, 06/26/2024	Visa Inc	Financial Services	UNREGISTERED_BLOCK	\$1,888M	(1.41%)	(1.17%)	(0.56%) 🖖	100.00%
Tue, 03/19/2024	Nasdaq Inc	Financial Services	OVERNIGHT_FO	\$1,829M	(5.54%)	3.19%	1.63% 🛧	100.00%
Tue, 03/19/2024	Super Micro Computer, Inc.	Technology	MARKETED_FO	\$1,750M	(12.56%)	2.45%	(4.32%) 🖖	-
Tue, 05/07/2024	Digital Realty Trust Inc	Real Estate	REGISTERED_BLOCK	\$1,691M	(3.20%)	0.18%	9.22%	-
Mon, 05/13/2024	Applovin Corp	Technology	UNREGISTERED_BLOCK	\$1,470M	(2.74%)	(0.67%)	(0.38%) 🖖	100.00%
Wed, 03/27/2024	TD Synnex Corp	Technology	REGISTERED_BLOCK	\$1,316M	(6.03%)	3.76%	3.12%	100.00%
Average				\$2,176M	(4.71%)	1.70%	1.40%	



Dollar-weighted One-day Returns



H1 2024 vs. H1 2023 Dollar-weighted One-day Return

- IPOs 16.3% vs. 16.6%
- Marketed FOs 4.0% vs. (0.5)%
- Overnight FOs 5.1% vs. 3.3%

- Registered Blocks 1.0% vs. 0.5%
- Unregistered Blocks (0.7)% vs. (0.4)%



League Tables



Top 20 US League Table - H1 2024

<u>Underwriter</u>	Wallet Share	# Offerings	Capital Raised	\$ Underwritten	<u>Total Fees</u>
J.P. Morgan	12.80%	81	\$44,052.2M	\$13,634.0M	\$403.8M
Morgan Stanley	11.85%	71	\$41,411.7M	\$14,586.7M	\$373.6M
Goldman Sachs	11.74%	74	\$39,926.9M	\$13,323.7M	\$370.3M
BofA	9.21%	81	\$37,938.6M	\$9,315.5M	\$290.5M
Jefferies	6.74%	60	\$16,782.2M	\$4,061.9M	\$212.6M
Citigroup	4.47%	52	\$32,890.7M	\$5,575.0M	\$140.8M
Leerink Partners	4.08%	32	\$8,790.3M	\$2,427.5M	\$128.7M
TD Cowen	3.63%	42	\$9,687.9M	\$2,008.8M	\$114.5M
Barclays	2.91%	39	\$18,755.9M	\$3,091.1M	\$91.8M
Evercore	2.08%	29	\$13,628.5M	\$1,426.5M	\$65.5M
RBC	1.79%	43	\$21,700.0M	\$2,831.3M	\$56.5M
Guggenheim Securities	1.79%	27	\$7,620.8M	\$966.4M	\$56.4M
Piper Sandler	1.78%	27	\$7,022.7M	\$1,023.5M	\$56.1M
Stifel	1.76%	35	\$12,270.3M	\$950.2M	\$55.4M
UBS	1.75%	28	\$18,495.9M	\$1,238.5M	\$55.1M
Wells Fargo	1.72%	28	\$15,204.2M	\$1,227.9M	\$54.2M
Cantor	1.58%	22	\$6,632.8M	\$865.3M	\$49.8M
Truist Securities	1.28%	24	\$8,325.8M	\$787.2M	\$40.3M
William Blair	1.07%	24	\$7,161.0M	\$711.5M	\$33.8M
Mizuho	0.95%	25	\$16,102.5M	\$1,276.1M	\$29.9M
Total	84.98%	248	\$384,401.0M	\$81,328.5M	\$2,679.8M

Top 20 US IPOs League Table - H1 2024

<u>Underwriter</u>	Wallet Share	# Offerings	Capital Raised	\$ Underwritten	<u>Total Fees</u>
J.P. Morgan	16.54%	19	\$11,660.1M	\$3,290.4M	\$174.9M
Morgan Stanley	15.12%	23	\$11,873.1M	\$2,871.3M	\$159.9M
Goldman Sachs	14.36%	18	\$9,841.9M	\$2,693.1M	\$151.9M
BofA	9.67%	18	\$10,937.6M	\$1,914.8M	\$102.3M
Citigroup	5.31%	15	\$9,059.5M	\$1,029.7M	\$56.1M
Barclays	3.64%	7	\$4,102.2M	\$660.5M	\$38.5M
Jefferies	3.53%	10	\$3,989.6M	\$589.8M	\$37.3M
UBS	3.50%	14	\$7,966.0M	\$688.3M	\$37.0M
Wells Fargo	3.33%	14	\$8,177.8M	\$650.6M	\$35.2M
Stifel	1.77%	10	\$4,999.5M	\$288.1M	\$18.8M
Evercore	1.60%	7	\$4,624.5M	\$292.3M	\$16.9M
RBC	1.43%	11	\$3,412.3M	\$237.7M	\$15.1M
TD Cowen	1.37%	7	\$2,567.5M	\$225.8M	\$14.4M
Leerink Partners	1.15%	4	\$1,370.2M	\$180.4M	\$12.1M
William Blair	1.11%	5	\$2,851.0M	\$189.5M	\$11.7M
Raymond James	1.03%	8	\$4,518.4M	\$172.5M	\$10.9M
Truist Securities	0.98%	4	\$2,252.7M	\$175.0M	\$10.4M
Deutsche Bank	0.92%	7	\$6,088.6M	\$188.5M	\$9.7M
Cantor	0.86%	3	\$1,510.1M	\$132.7M	\$9.1M
HSBC	0.77%	7	\$5,533.4M	\$166.3M	\$8.2M
Total	87.98%	43	\$117,336.1M	\$16,637.3M	\$930.3M



^{*}Data excludes Unregistered Blocks