

ASIA INDEX STRATEGY

Hang Seng Indexes Rebalancing Review and Flow Implications (June 2026)

What Happened? Hang Seng Indexes Company announced its quarterly index review results after market close on May 22 (Friday). All changes will be implemented after market close on June 6 (Friday).

Constituent Changes: Among major indexes, **BeOne Medicines (6160)**, **Aluminum Corp. of China (2600)**, and **J&T Global Express (1519)** will be added to the **Hang Seng Index (HSI)**, bringing the total number of constituents from 90 to 93. Within the **Hang Seng China Enterprises Index (HSCEI)**, **Hansoh Pharma (3692)** and **Akeso (9926)** will replace **Sunny Optical (2382)** and **Haier Smart Home (6690)**. Within **Hang Seng TECH (HSTECH)**, **MiniMax (100)** and **Knowledge Atlas Tech (Zhipu) (2513)** will replace **Kingsoft (3888)** and **Kingdee (268)**. For the Hang Seng Composite Index (HSCI), 7 stocks will be added to the universe. In aggregate, 3.4%, 2.8%, and 4.5% of the HSI, HSCEI, and HSTECH weights will be adjusted after re-capping and FAF/share changes.

Index Implications: The proforma index cap is expected to change to US\$2,150 billion for HSI (+4.5%), US\$1,410 billion for HSCEI (+2.3%), and US\$455 billion for HSTECH (+3.4%) after rebalancing and re-capping. Forward 12M P/E and EPS growth (2026–27 CAGR) are expected to change as follows: HSI from 11.1x to 11.2x and 11.3% to 11.6%; HSCEI from 10.1x to 10.2x and 11.8% to 11.9%; and HSTECH from 18.6x to 18.3x and 31.2% to 30.3% (Exhibit 1).

Sector Implications: Internet/Media & Entertainment (+US\$1.4bn) and Health Care (+US\$850mn) are expected to see the **largest passive buying**, while Tech H/W & Semis (–US\$1.0bn each), Energy, Banks, and Insurance & Financial Services (–US\$350–500mn each) may experience the **largest outflows** (Exhibit 2). In aggregate, the rebalancing could generate **nearly US\$11bn in gross two-way passive flows**.

Stock Implications: **Top six stocks** in the Hang Seng Family of Indexes expected to see the **largest passive net buying flows** are: Tencent (re-capping higher), BeOne Medicines (added to HSI), Baidu/NetEase (higher FAF), and Zhipu/Minimax (added to HSTECH), with potential inflows ranging from US\$200mn to US\$1.0bn. Stocks likely to see the **largest passive outflows** include SMIC/Meituan (re-capping lower), Kingdee/Kingsoft (removed from HSTECH), and CCB/AIA (mechanical weight adjustments), ranging from –US\$140mn to –US\$700mn (Exhibit 4).

Historical vs. Current Patterns: HSI and HSCEI additions have underperformed deletions pre-announcement, while HSTECH and HSCI additions have sharply

Alvin So, CFA

+852 3 178 1166 | alvinso@gs.com
Goldman Sachs Asia Ltd., C

Timothy Moe, CFA

+65 6596 1196 | timothymoe@gs.com
Goldman Sachs International Plc

Kinger Lau, CFA

+852 3 178 1224 | kingerlau@gs.com
Goldman Sachs Asia Ltd., C

Sunil Koul

+44 20 37 33 1492 | sunilkoul@gs.com
Goldman Sachs International Ltd

Si Fu, Ph.D.

+852 3 178 1213 | si.fu@gs.com
Goldman Sachs Asia Ltd., C

Kevin Wang, CFA

+852 3 178 1146 | kevinwang@gs.com
Goldman Sachs Asia Ltd., C

Mark Hung

+852 3 178 1420 | markhung@gs.com
Goldman Sachs Asia Ltd., C

Investors should consider this report as only a single factor in making their investment decision. For Reg AC certification and other important disclosures, see the Disclosure Appendix, or go to www.gs.com/research/hedge.html.

outperformed, albeit with a volatile path. Historically, HSI and HSCEI additions tend to outperform moderately post-announcement before reversing around the effective date, while for HSTECH and HSCI, the outperformance typically extends through to the effective date (from [Exhibit 5](#)).

Southbound implications: HSCI constituent changes typically affect Southbound (SB) eligibility, with stricter listing history, market cap, and liquidity requirements for stocks with WVR status. Historically, SB ownership rose by 1pp within two days after inclusion becomes effective, followed by 5pp over three months, with share prices often rallying beforehand and declining post-inclusion before stabilizing ([Exhibit 4](#)).

Exhibit 1: Hang Seng Indexes have announced their quarterly review results, with changes set to take effect after market close on June 5; In aggregate, the rebalancing could generate nearly US\$11bn in gross two-way passive flows

Hang Seng Indexes		June 2026 Review Summary			
		HSI	HSCEI	HS Tech	HSCI
Stock Changes	Current # Constituents	90	50	30	527
	# Stocks Added / Deleted	3 / 0	2 / 2	2 / 2	7 / 0
	% Weight Rebalanced	3.4%	2.8%	4.5%	0.3%
Liquidity	Proforma Index Cap (US\$bn)	2.150	1.407	453	3.307
	Proforma % Change	+4.5%	+2.3%	+3.4%	+0.3%
	Proforma 3M ADVT (US\$bn)	14.8	12.1	8.6	24.4
	Proforma % Change	+1.5%	+0.3%	+4.0%	+2.2%
Valuations / Growth	NTM P/E (x)	11.1x / 11.2x	10.1x / 10.2x	18.6x / 18.3x	11.6x / 11.6x
	(Current / Proforma)				
	LTM Dividend Yield (%)	3.5% / 3.4%	3.6% / 3.5%	1.6% / 1.6%	3.3% / 3.3%
	(Current / Proforma)				
	2026-27 EPS CAGR (%)	11.3% / 11.6%	11.8% / 11.9%	31.2% / 30.3%	14.5% / 14.7%
	(Current / Proforma)				
Passive Flows	Potential Gross Passive Buying + Selling (Two-way) (US\$mn)	3,855	695	4,488	-
Trading Pattern Prior to Announce.	Return Since 20D Prior to Ann. (Additions / Deletions)	-9.3% / -	-12.9% / +5.8%	+18.0% / -9.5%	+5.6% / -
	Share Turnover % Chg (Avg 20D) (Additions / Deletions)	-4% / -	+1% / +12%	-35% / -2%	-21% / -

Note: Pricing is as of May 22, 2026

Source: HSIL, FactSet, Refinitiv, EPFR, Goldman Sachs Global Investment Research

Exhibit 2: Internet/Media & Entertainment and Health Care are expected to see the largest passive buying, while Tech H/W & Semis, Energy, Banks, and Insurance & Financial Services may experience the largest outflows
Current vs. Proforma Sector Weights and Changes in Major Hang Seng Indexes, and Aggregate Potential Passive Flows

GICS Sector/Industry		HSI			HSCEI			HS Tech			Passive Flows (US\$mn)		
		Current %	Proforma %	Change (bps)	Current %	Proforma %	Change (bps)	Current %	Proforma %	Change (bps)	Gross Buying	Gross Selling	Net Flows
Financials	Banks	21.8%	21.0%	-79	20.9%	20.4%	-47	0.0%	0.0%	+0	61	-533	-472
	Insurance & Other Financials	12.5%	12.0%	-54	6.7%	6.6%	-15	0.0%	0.0%	+0	57	-399	-343
	Real Estate	4.5%	4.3%	-20	2.4%	2.4%	-6	0.0%	0.0%	+0	96	-318	-219
Domestic / Global Cyclical	Capital Goods	3.5%	3.6%	+15	0.7%	0.7%	-2	0.0%	0.0%	+0	224	-159	65
	Transportation	1.2%	1.4%	+18	0.7%	0.6%	-11	0.0%	0.0%	+0	228	-75	153
	Autos & Components	3.4%	3.3%	-15	6.1%	5.9%	-15	14.6%	15.0%	+35	268	-200	68
	Consumer Retail & Services	15.8%	15.8%	-13	18.3%	17.9%	-38	28.0%	27.4%	-64	634	-801	-167
	Tech Hardware & Semis	6.7%	6.4%	-31	9.7%	9.0%	-72	25.7%	24.4%	-124	177	-1,172	-995
	Software & Services	0.0%	0.0%	+0	0.7%	0.6%	-1	4.5%	4.8%	+23	516	-404	112
	Internet/Media & Entertainment	10.4%	11.4%	+100	12.1%	13.4%	+130	25.1%	26.5%	+136	1,845	-438	1,407
Commodities	Energy	5.6%	5.3%	-24	8.3%	8.1%	-19	0.0%	0.0%	+0	0	-493	-493
	Metals & Mining	2.3%	2.5%	+14	2.8%	2.8%	-6	0.0%	0.0%	+0	138	-227	-89
	Chemicals & Other Materials	0.0%	0.0%	+0	0.0%	0.0%	+0	0.0%	0.0%	+0	18	-1	17
Defensives	Consumer Staples	2.3%	2.2%	-10	1.2%	1.2%	-3	2.1%	2.0%	-7	213	-97	116
	Health Care	3.2%	4.4%	+123	3.9%	5.0%	+110	0.0%	0.0%	+0	922	-79	843
	Utilities	2.6%	2.5%	-11	0.0%	0.0%	+0	0.0%	0.0%	+0	198	-81	117
	Telecommunication Services	4.0%	3.9%	-17	5.4%	5.3%	-12	0.0%	0.0%	+0	0	118	-118

Note: Overall gross buying/selling and net passive flows are based on our estimates across all Hang Seng Indexes changes. Pricing is as of May 22, 2026

Source: FactSet, Refinitiv, EPFR, Goldman Sachs Global Investment Research

Exhibit 3: Stocks that may experience the most significant net passive buying or selling flows (25 stocks each) following the Hang Seng Indexes rebalancing (Underlined bold numbers indicate additions or deletions)

BBG Ticker	Company Name	Sector	Listed Mkt Cap (US\$mn)	Free Float Cap* (US\$mn)	3M ADVT (US\$mn)	Potential Passive Flows * (US\$mn)				Net Passive Flows (US\$mn)	Net Flows/ 3M ADVT (days)	S3's Short Interest 200 Chg (pp)	Days to Cover (1M ADVT)	S3's HF Long Interest 200 Chg (pp)	Return since 200 prior to ann.	Share Turnover % Chg (Median 300 vs. Prior 3M)	Corporate Event Dates					
						HSI	HSCI	HS Tech	Others								Expected Next Report	Ex-Dividend				
Stocks with potential net passive buying following Hang Seng Indexes rebalancing																			(ranked)	≥0.1		
700 HK	Tencent	Internet-Media & Entertainment	510,885	318,873	1,272	-	-	-	-	974	0.5	0.1%	2.0	0.0%	(10%)	15%	Aug 13	-				
E160 HK	BeOne Medicines	Health Care	33,333	27,291	93	735	-	-	-	749	8.1	(0.2%)	4.3	0.1%	2%	15%	Aug 6	-				
9888 HK	Radi	Internet-Media & Entertainment	37,515	25,818	187	-	-	-	-	830	2.9	-	-	0.0%	6%	18%	Aug 20	-				
9999 HK	NetEase	Internet-Media & Entertainment	70,555	35,233	143	-	-	-	-	332	2.3	0.4%	5.7	0.0%	6%	1%	Aug 14	Jun 4				
2513 HK	Knowledge Atlas Tech (Zhipu) (H)	Software & Services	28,529	2,349	213	-	-	-	316	316	1.5	-	-	-	37%	(49%)	-	-				
100 HK	Min-Max	Software & Services	19,677	1,445	201	-	-	-	199	199	1.3	-	-	-	(1%)	(21%)	-	-				
1211 HK	BYD (H)	Auto & Components	42,569	42,549	456	-	-	-	-	188	0.5	1.4%	10.9	0.0%	(9%)	(16%)	Aug 14	Jun 11				
9961 HK	Topcom	Consumer Retail & Services	32,981	20,568	126	-	-	-	-	175	1.4	0.2%	4.9	0.0%	(11%)	(7%)	Jun 3	-				
9988 HK	Alibaba Group	Consumer Retail & Services	308,655	294,214	1,500	-	-	-	-	172	0.1	(0.2%)	1.5	0.0%	(4%)	2%	Aug 28	Jun 10				
1519 HK	J&T Global Express	Transportation	8,605	6,204	35	163	-	-	-	163	4.7	0.2%	8.6	0.0%	(17%)	(15%)	Aug 21	-				
3750 HK	CATL (H)	Capital Goods	18,765	15,158	359	-	-	-	-	157	0.4	-	-	(4.1%)	(1%)	44%	Jun 30	-				
2600 HK	Aluminum of China (H)	Metals & Mining	5,341	5,048	92	138	-	-	-	138	1.5	(0.2%)	4.1	0.1%	(9%)	(4%)	Aug 14	Jun 10				
9926 HK	Akeso	Health Care	14,108	10,662	140	-	95	-	-	95	0.7	(0.2%)	6.4	0.0%	(11%)	7%	Aug 26	-				
2602 HK	Onesco (H)	Real Estate	2,515	565	4	-	-	-	80	80	20.2	1.0%	12.3	0.0%	0%	8%	Aug 18	-				
6186 HK	China Fintech	Consumer Staples	3,682	1,750	9	-	-	-	76	76	8.0	(1.8%)	18.5	-	(11%)	(13%)	Aug 28	Jun 9				
1128 HK	Wynn Macau	Consumer Retail & Services	7,729	1,088	4	-	-	-	71	71	18.3	0.1%	26.2	0.0%	(1%)	12%	May 28	Jun 1				
3311 HK	China State Construction Int'l	Capital Goods	6,061	2,096	10	-	-	-	67	67	6.9	(0.5%)	17.2	(0.0%)	(0%)	62%	Aug 20	Jun 17				
1810 HK	Xigene	Tech Hardware & Semis	80,953	59,610	696	-	-	-	-	67	0.1	-	-	(0.0%)	(4%)	(18%)	May 26	-				
1998 HK	Bouding Int'l	Consumer Retail & Services	8,323	2,541	14	-	-	-	-	66	4.9	1.0%	24.2	(0.0%)	(3%)	(13%)	Jun 26	-				
291 HK	Cathay Pacific Airways	Transportation	9,616	1,651	26	-	-	-	-	66	2.5	0.4%	5.8	0.0%	7%	(25%)	Mar 11	-				
270 HK	Uni-President China	Consumer Staples	4,734	1,708	10	-	-	-	-	65	6.6	0.0%	0.0	-	3%	57%	Aug 8	Jun 9				
902 HK	Huanseng Power Int'l	Utilities	3,899	3,454	23	-	-	-	-	65	1.9	1.9%	11.8	-	3%	11%	Jul 29	-				
1368 HK	Xtep Int'l	Consumer Retail & Services	1,504	612	7	-	-	-	-	63	8.6	-	-	0.0%	(3%)	70%	Aug 18	-				
2282 HK	MGM China	Consumer Retail & Services	5,025	1,194	8	-	-	-	-	62	7.8	1.3%	13.1	(0.0%)	(5%)	2%	Jul 30	-				
6818 HK	China Everbright Bank (H)	Banks	4,901	1,264	6	-	-	-	-	61	10.6	0.2%	11.8	(0.0%)	(4%)	1%	Mar 10	-				
Stocks with potential net passive selling following Hang Seng Indexes rebalancing																			(ranked)	≤-0.1		
981 HK	SMIC	Tech Hardware & Semis	56,950	40,796	704	-	-	-	-	(691)	(1.6)	0.4%	0.6	0.0%	24%	111%	May 8	-				
3690 HK	Meluan	Consumer Retail & Services	58,632	51,807	520	-	-	-	-	(431)	(0.8)	-	-	(0.0%)	(1%)	(8%)	Jun 1	-				
268 HK	Kingsee Int'l Software	Software & Services	3,441	2,873	47	-	-	-	(339)	(338)	(7.2)	0.6%	10.7	(0.0%)	(8%)	(0%)	Aug 11	-				
3888 HK	Kingsoft	Internet-Media & Entertainment	1,782	2,667	36	-	-	-	(328)	(328)	(9.1)	1.5%	13.0	(11%)	(5%)	-	May 27	Jun 1				
919 HK	CCB (H)	Banks	286,651	101,896	267	-	-	-	-	(150)	(0.6)	0.2%	6.9	0.0%	(2%)	(13%)	Aug 14	Jul 2				
1299 HK	AIA Group	Insurance & Other Financials	113,421	113,334	313	-	-	-	-	(138)	(0.4)	(0.1%)	4.9	0.0%	5%	(2%)	Aug 21	May 28				
1379 HK	China Hongqiao Group	Metals & Mining	36,701	13,082	210	-	-	-	(117)	(136)	(0.6)	(0.5%)	5.1	0.0%	(14%)	17%	Aug 17	May 22				
9618 HK	JD.com	Consumer Retail & Services	39,351	28,512	182	-	-	-	-	(133)	(0.7)	(0.2%)	5.7	0.1%	3%	(8%)	Aug 14	-				
5 HK	HSBC Holdings	Banks	310,772	308,321	310	-	-	-	-	(127)	(0.4)	0.0%	5.4	-	3%	(21%)	May 5	Mar 12				
883 HK	ENODC	Energy	155,143	53,554	572	-	-	-	(80)	(126)	(0.2)	0.0%	1.7	0.0%	(2%)	(27%)	Mar 27	-				
1888 HK	Kingboard Laminates	Tech Hardware & Semis	17,767	5,206	137	-	-	-	(117)	(117)	(0.9)	3.2%	1.7	-	50%	88%	Aug 25	Jun 11				
2382 HK	Sunny Optical	Tech Hardware & Semis	9,586	6,165	97	-	-	(159)	-	(103)	(1.1)	1.1%	11.0	0.0%	16%	14%	Aug 20	Jun 5				
1394 HK	ICBC (H)	Banks	75,328	66,885	194	-	-	-	-	(101)	(0.5)	0.4%	6.1	0.0%	(3%)	(18%)	Aug 3	-				
857 HK	PetroChina (H)	Energy	29,460	29,294	234	-	-	-	(154)	(95)	(0.4)	-	-	0.1%	(4%)	(15%)	Aug 14	Jun 18				
9611 HK	China Mobile	Telecommunication Services	228,072	66,225	225	-	-	-	-	(95)	(0.4)	0.3%	3.7	-	2%	(4%)	Mar 20	-				
6690 HK	Haier Smart Home (H)	Consumer Retail & Services	7,313	6,138	53	-	-	(55)	-	(85)	(1.6)	0.0%	6.4	0.0%	(4%)	10%	Aug 28	-				
1024 HK	Kuaishou Technology (B)	Internet-Media & Entertainment	21,020	13,264	325	-	-	-	-	(77)	(0.2)	1.9%	5.5	-	4%	19%	May 27	Jun 29				
992 HK	Lerovo	Tech Hardware & Semis	20,819	11,686	134	-	-	-	-	(76)	(0.6)	(1.8%)	11.4	-	31%	14%	Aug 13	Aug 5				
388 HK	HKEx	Insurance & Other Financials	65,924	62,364	205	-	-	-	-	(75)	(0.3)	(0.2%)	3.9	0.0%	(1%)	(14%)	Aug 14	-				
2319 HK	Ping An Insurance (H)	Insurance & Other Financials	57,193	50,176	307	-	-	-	-	(73)	(0.2)	1.3%	35.5	-	(0%)	1%	Aug 14	Jun 2				
1088 HK	China Shenhua Energy	Energy	16,614	17,833	103	-	-	-	(144)	(68)	(0.7)	0.6%	11.9	-	(8%)	(13%)	Aug 14	Jul 2				
3988 HK	Bank of China	Banks	55,499	46,468	142	-	-	-	-	(66)	(0.5)	0.3%	5.3	0.0%	2%	3%	Aug 14	Jul 2				
1134 HK	COSCO Shipping Energy Transport (H)	Energy	3,015	2,925	98	-	-	-	(65)	(65)	(0.7)	(0.9%)	3.4	-	6%	(29%)	Aug 14	-				
1171 HK	Yankuang Energy	Energy	7,121	5,538	101	-	-	-	(64)	(64)	(0.6)	0.7%	7.9	0.0%	(12%)	(23%)	Aug 14	-				
14 HK	Hyson Development	Real Estate	2,504	1,474	6	-	-	-	(55)	(55)	(9.2)	0.9%	18.8	0.0%	(1%)	(22%)	Aug 14	-				
HSI Median			18,689	9,761	62							0.2%	7.5	0.0%	(2%)	0%						
HSCI Median			2,594	1,253	13							0.0%	7.1	0.0%	(4%)	(8%)						

Note: For potential passive flows, bolded numbers indicate additions or deletions in the index. Free Float Cap is calculated based on the average of estimates from Bloomberg, FactSet and Refinitiv. Percentages as of May 22, 2026.

Source: FactSet, Refinitiv, Bloomberg, HKEx, EPFR, S3 Partners, Goldman Sachs Global Investment Research

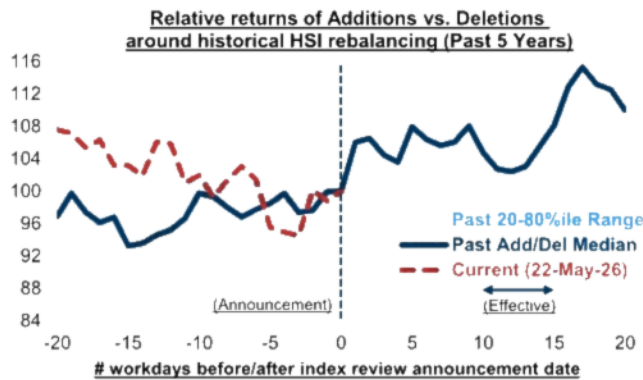
Exhibit 4: Hang Seng Composite Index additions and deletions, which would result in changes to Southbound eligibility status once effective, with stricter listing history, market cap, and liquidity requirements for stocks with WVR status

BBG Ticker	Company Name	Sector	Listed Mkt Cap (US\$mn)	Free Float Cap* (US\$mn)	3M ADVT (US\$mn)	Valuation			Latest SB ownership as % of listed shr	S3's Short Interest as % of 200 Chg (bp)	Days to Cover (1M ADVT)	S3's HF Long Interest 200 Chg (pp)	Return since 200 prior to ann.	Share Turnover % Chg (Median 200 vs. Prior 3M)	Corporate Event Dates	
						2026E P/E (X)	2025 P/B (X)	2025E D/Y (%)							Expected Next Report	Ex-Dividend
Stocks to added to the Hang Seng Composite Index (HSCI)																
2513.HK	Knowledge Atlas Tech (Zhipu) (H)	Software & Services	28,529	2,349	213	-	-	-	-	-	-	-	37%	(49%)	-	-
100.HK	MinMax ("WVR")	Software & Services	19,677	1,445	201	-	-	-	-	-	-	-	(1%)	(21%)	-	-
9903.HK	SMI Huatong CoreX Semiconductor (H)	Tech Hardware & Semis	13,896	822	54	-	43.1	-	-	-	-	-	7%	30%	-	-
1768.HK	Bury Ming (H)	Consumer Staples	11,117	1,445	9	21	9.8	-	-	-	-	-	1%	(44%)	-	-
6082.HK	Shanghai Biren Technology (H)	Tech Hardware & Semis	7,173	1,073	42	-	-	-	-	-	-	-	6%	31%	-	-
2706.HK	Beijing Haima Technology (H)	Software & Services	2,824	371	15	601	-	-	-	-	-	-	22%	(10%)	-	-
2675.HK	Shenzhen Edgo Medical (H)	Health Care	2,119	316	2	231	14.7	-	-	-	-	-	1%	(41%)	-	-
Stocks to be removed from the Hang Seng Composite Index (HSCI)																
HSCI Median			2,594	1,253	13	12	1.5	4.1	13.5	0.0%	7.11	0.0%	(4%)	(0%)		

Note: For potential passive flows, bolded numbers indicate additions or deletions in the index. Free Float Cap is calculated based on the average of estimates from Bloomberg, FactSet and Refinitiv. Percentages as of May 22, 2026.

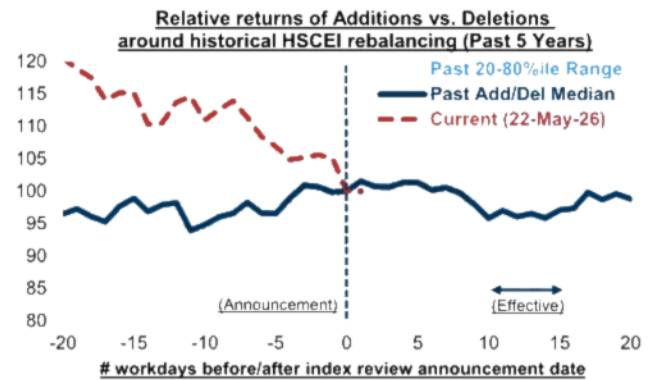
Source: FactSet, Refinitiv, Bloomberg, HKEx, Wind, S3 Partners, Goldman Sachs Global Investment Research

Exhibit 5: HSI: Current additions initially underperformed but rebounded pre-announcement; historically, outperformance tends to continue before a reversal around the effective date



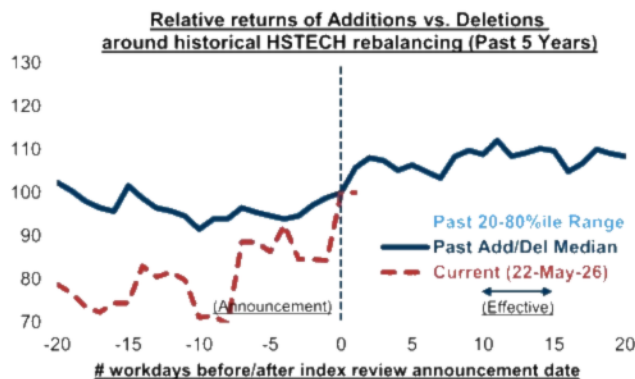
Source: FactSet, Goldman Sachs Global Investment Research

Exhibit 6: HSCEI: Current additions have sharply underperformed pre-announcement; historically, returns have moderated post-announcement before recovering after the effective date



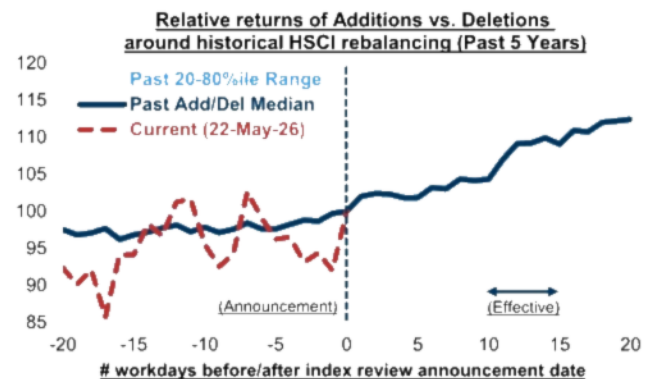
Source: FactSet, Goldman Sachs Global Investment Research

Exhibit 7: HSTECH: Current additions have sharply outperformed; the outperformance typically continues from the announcement date through the effective date, then stabilizes



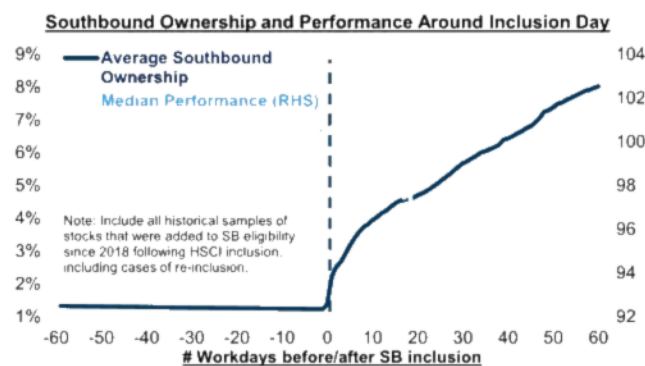
Source: FactSet, Goldman Sachs Global Investment Research

Exhibit 8: HSCI: Current additions are largely consistent with historical pre-announcement outperformance trends; historical patterns indicate further outperformance thereafter



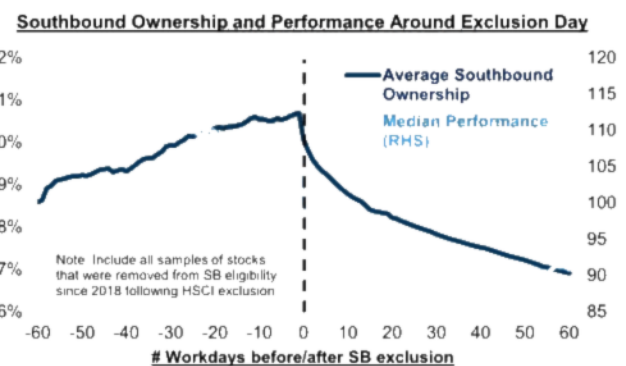
Source: FactSet, Goldman Sachs Global Investment Research

Exhibit 9: Southbound Inclusions: SB ownership historical rose by 1pp within the first two days of inclusion, followed by 5pp over three months, while share prices often rally beforehand and decline post-inclusion before stabilizing



Source: Wind, HKEx, FactSet, Goldman Sachs Global Investment Research

Exhibit 10: Southbound Exclusions: SB ownership typically drops by 1pp within the first two days of exclusion, followed by a further 3pp reduction over the next three months; share prices tend to face persistent pressure



Source: Wind, HKEx, FactSet, Goldman Sachs Global Investment Research

Disclosure Appendix

Reg AC

We, Alvin So, CFA, Timothy Moe, CFA, Kinger Lau, CFA, Sunil Koul, Si Fu, Ph.D., Kevin Wang, CFA and Mark Hung, hereby certify that all of the views expressed in this report accurately reflect our personal views, which have not been influenced by considerations of the firm's business or client relationships.

Unless otherwise stated, the individuals listed on the cover page of this report are analysts in Goldman Sachs' Global Investment Research division.

Contributing Authors: Alvin So, CFA Goldman Sachs (Asia) L.L.C., Timothy Moe, CFA Goldman Sachs (Singapore) Pte, Kinger Lau, CFA Goldman Sachs (Asia) L.L.C., Sunil Koul Goldman Sachs International, Si Fu, Ph.D. Goldman Sachs (Asia) L.L.C., Kevin Wang, CFA Goldman Sachs (Asia) L.L.C., Mark Hung Goldman Sachs (Asia) L.L.C..

Unless otherwise stated, the individuals listed in the Contributing Authors disclosure of this report are analysts in Goldman Sachs' Global Investment Research division.

Disclosures

Regulatory disclosures

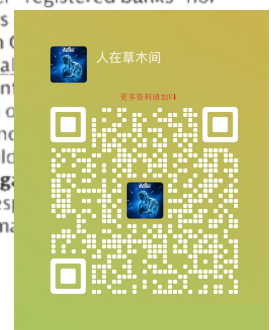
Disclosures required by United States laws and regulations

See company-specific regulatory disclosures above for any of the following disclosures required as to companies referred to in this report: manager or co-manager in a pending transaction; 1% or other ownership; compensation for certain services; types of client relationships; managed/co-managed public offerings in prior periods; directorships; for equity securities, market making and/or specialist role. Goldman Sachs trades or may trade as a principal in debt securities (or in related derivatives) of issuers discussed in this report.

The following are additional required disclosures: **Ownership and material conflicts of interest:** Goldman Sachs policy prohibits its analysts, professionals reporting to analysts and members of their households from owning securities of any company in the analyst's area of coverage. **Analyst compensation:** Analysts are paid in part based on the profitability of Goldman Sachs, which includes investment banking revenues. **Analyst as officer or director:** Goldman Sachs policy generally prohibits its analysts, persons reporting to analysts or members of their households from serving as an officer, director or advisor of any company in the analyst's area of coverage. **Non-U.S. Analysts:** Non-U.S. analysts may not be associated persons of Goldman Sachs & Co. LLC and therefore may not be subject to FINRA Rule 2241 or FINRA Rule 2242 restrictions on communications with a subject company, public appearances and trading in securities covered by the analysts.

Additional disclosures required under the laws and regulations of jurisdictions other than the United States

The following disclosures are those required by the jurisdiction indicated, except to the extent already made above pursuant to United States laws and regulations. **Australia:** Goldman Sachs Australia Pty Ltd and its affiliates are not authorised deposit-taking institutions (as that term is defined in the Banking Act 1959 (Cth)) in Australia and do not provide banking services, nor carry on a banking business, in Australia. This research, and any access to it, is intended only for "wholesale clients" within the meaning of the Australian Corporations Act, unless otherwise agreed by Goldman Sachs. In producing research reports, members of Global Investment Research of Goldman Sachs Australia may attend site visits and other meetings hosted by the companies and other entities which are the subject of its research reports. In some instances the costs of such site visits or meetings may be met in part or in whole by the issuers concerned if Goldman Sachs Australia considers it is appropriate and reasonable in the specific circumstances relating to the site visit or meeting. To the extent that the contents of this document contains any financial product advice, it is general advice only and has been prepared by Goldman Sachs without taking into account a client's objectives, financial situation or needs. A client should, before acting on any such advice, consider the appropriateness of the advice having regard to the client's own objectives, financial situation and needs. A copy of certain Goldman Sachs Australia and New Zealand disclosure of interests and a copy of Goldman Sachs' Australian Sell-Side Research Independence Policy Statement are available at: <https://www.goldmansachs.com/disclosures/australia-new-zealand/index.html>. **Brazil:** Disclosure information in relation to CVM Resolution n. 20 is available at <https://www.gs.com/worldwide/brazil/area/gir/index.html>. Where applicable, the Brazil-registered analyst primarily responsible for the content of this research report, as defined in Article 20 of CVM Resolution n. 20, is the first author named at the beginning of this report, unless indicated otherwise at the end of the text. **Canada:** This information is being provided to you for information purposes only and is not, and under no circumstances should be construed as, an advertisement, offering or solicitation by Goldman Sachs & Co. LLC for purchasers of securities in Canada to trade in any Canadian security. Goldman Sachs & Co. LLC is not registered as a dealer in any jurisdiction in Canada under applicable Canadian securities laws and generally is not permitted to trade in Canadian securities and may be prohibited from selling certain securities and products in certain jurisdictions in Canada. If you wish to trade in any Canadian securities or other products in Canada please contact Goldman Sachs Canada Inc., an affiliate of The Goldman Sachs Group Inc., or another registered Canadian dealer. **Hong Kong:** Further information on the securities of covered companies referred to in this research may be obtained on request from Goldman Sachs (Asia) L.L.C. **India:** Further information on the subject company or companies referred to in this research may be obtained from Goldman Sachs (India) Securities Private Limited, Research Analyst - SEBI Registration Number INH000001493, 10th Floor, Ascent-Worli, Sudam Kalu Ahire Marg, Worli, Mumbai-400 025, India, Corporate Identity Number U74140MH2006FTC160634, Phone +91 22 6616 9000, Fax +91 22 6616 9001. Goldman Sachs may beneficially own 1% or more of the securities (as such term is defined in clause 2 (h) the Indian Securities Contracts (Regulation) Act, 1956) of the subject company or companies referred to in this research report. Investment in securities market are subject to market risks. Read all the related documents carefully before investing. Registration granted by SEBI and certification from NISM in no way guarantee performance of the intermediary or provide any assurance of returns to investors. Goldman Sachs (India) Securities Private Limited compliance officer and investor grievance contact details can be found at: <https://www.goldmansachs.com/worldwide/india/documents/Grievance-Redressal-and-Escalation-Matrix.pdf>, and a copy of the annual audit compliance report can be found at this link: <https://publishing.gs.com/content/site/india-annual-compliance-report.html>. **Japan:** See below. **Korea:** This research, and any access to it, is intended only for "professional investors" within the meaning of the Financial Services and Capital Markets Act, unless otherwise agreed by Goldman Sachs. Further information on the subject company or companies referred to in this research may be obtained from Goldman Sachs (Asia) L.L.C., Seoul Branch. **New Zealand:** Goldman Sachs New Zealand Limited and its affiliates are neither "registered banks" nor "deposit takers" (as defined in the Reserve Bank of New Zealand Act 1989) in New Zealand. This research, and any access to it, is intended only for "wholesale clients" (as defined in the Financial Advisers Act 2008) unless otherwise agreed by Goldman Sachs. A copy of certain Goldman Sachs Australia and New Zealand disclosure of interests is available at: <https://www.goldmansachs.com/disclosures/australia-new-zealand/index.html>. **Russia:** Research reports distributed in the Russian Federation are not advertising as defined in the Russian legislation, but are intended for information purposes only and do not constitute a personalized investment recommendation as defined in the Russian legislation. Research reports do not constitute a personalized investment recommendation as defined in Russian laws and regulations, are not intended for specific client, and are prepared without analyzing the financial circumstances, investment profiles or risk profiles of clients. Goldman Sachs does not accept any responsibility for any investment decisions that may be taken by a client or any other person based on this research report. **Singapore:** Goldman Sachs (Singapore) Pte. (Company Number: 198602165W), which is regulated by the Monetary Authority of Singapore, accepts legal responsibility for this research, and should be contacted with respect to any matters arising from, or in connection with, this research. **Taiwan:** This ma



only and must not be reprinted without permission. Investors should carefully consider their own investment risk. Investment results are the responsibility of the individual investor. **United Kingdom:** Persons who would be categorized as retail clients in the United Kingdom, as such term is defined in the rules of the Financial Conduct Authority, should read this research in conjunction with prior Goldman Sachs research on the covered companies referred to herein and should refer to the risk warnings that have been sent to them by Goldman Sachs International. A copy of these risks warnings, and a glossary of certain financial terms used in this report, are available from Goldman Sachs International on request.

European Union and United Kingdom: Disclosure information in relation to Article 6 (2) of the European Commission Delegated Regulation (EU) (2016/958) supplementing Regulation (EU) No 596/2014 of the European Parliament and of the Council (including as that Delegated Regulation is implemented into United Kingdom domestic law and regulation following the United Kingdom's departure from the European Union and the European Economic Area) with regard to regulatory technical standards for the technical arrangements for objective presentation of investment recommendations or other information recommending or suggesting an investment strategy and for disclosure of particular interests or indications of conflicts of interest is available at <https://www.gs.com/disclosures/europeanpolicy.html> which states the European Policy for Managing Conflicts of Interest in Connection with Investment Research.

Japan: Goldman Sachs Japan Co., Ltd. is a Financial Instrument Dealer registered with the Kanto Financial Bureau under registration number Kinsho 69, and a member of Japan Securities Dealers Association, Financial Futures Association of Japan Type II Financial Instruments Firms Association, and Investment Management Association of Japan. Sales and purchase of equities are subject to commission pre-determined with clients plus consumption tax. See company-specific disclosures as to any applicable disclosures required by Japanese stock exchanges, the Japanese Securities Dealers Association or the Japanese Securities Finance Company.

Global product; distributing entities

Goldman Sachs Global Investment Research produces and distributes research products for clients of Goldman Sachs on a global basis. Analysts based in Goldman Sachs offices around the world produce research on industries and companies, and research on macroeconomics, currencies, commodities and portfolio strategy. This research is disseminated in Australia by Goldman Sachs Australia Pty Ltd (ABN 21 006 797 897); in Brazil by Goldman Sachs do Brasil Corretora de Títulos e Valores Mobiliários S.A.; Public Communication Channel Goldman Sachs Brazil: 0800 727 5764 and / or contatogoldmanbrasil@gs.com. Available Weekdays (except holidays), from 9am to 6pm. Canal de Comunicação com o Público Goldman Sachs Brasil: 0800 727 5764 e/ou contatogoldmanbrasil@gs.com. Horário de funcionamento: segunda-feira à sexta-feira (exceto feriados), das 9h às 18h; in Canada by Goldman Sachs & Co. LLC; in Hong Kong by Goldman Sachs (Asia) L.L.C.; in India by Goldman Sachs (India) Securities Private Ltd.; in Japan by Goldman Sachs Japan Co., Ltd.; in the Republic of Korea by Goldman Sachs (Asia) L.L.C., Seoul Branch; in New Zealand by Goldman Sachs New Zealand Limited; in Russia by OOO Goldman Sachs; in Singapore by Goldman Sachs (Singapore) Pte. (Company Number: 198602165W); and in the United States of America by Goldman Sachs & Co. LLC. Goldman Sachs International has approved this research in connection with its distribution in the United Kingdom.

Goldman Sachs International ("GSI"), authorised by the Prudential Regulation Authority ("PRA") and regulated by the Financial Conduct Authority ("FCA") and the PRA, has approved this research in connection with its distribution in the United Kingdom.

European Economic Area: Goldman Sachs Bank Europe SE ("GSBE") is a credit institution incorporated in Germany and, within the Single Supervisory Mechanism, subject to direct prudential supervision by the European Central Bank and in other respects supervised by German Federal Financial Supervisory Authority (Bundesanstalt für Finanzdienstleistungsaufsicht, BaFin) and Deutsche Bundesbank and disseminates research within the European Economic Area.

General disclosures

This research is for our clients only. Other than disclosures relating to Goldman Sachs, this research is based on current public information that we consider reliable, but we do not represent it is accurate or complete, and it should not be relied on as such. The information, opinions, estimates and forecasts contained herein are as of the date hereof and are subject to change without prior notification. We seek to update our research as appropriate, but various regulations may prevent us from doing so. Other than certain industry reports published on a periodic basis, the large majority of reports are published at irregular intervals as appropriate in the analyst's judgment.

Goldman Sachs conducts a global full-service, integrated investment banking, investment management, and brokerage business. We have investment banking and other business relationships with a substantial percentage of the companies covered by Global Investment Research. Goldman Sachs & Co. LLC, the United States broker dealer, is a member of SIPC (<https://www.sipc.org>).

Our salespeople, traders, and other professionals may provide oral or written market commentary or trading strategies to our clients and principal trading desks that reflect opinions that are contrary to the opinions expressed in this research. Our asset management area, principal trading desks and investing businesses may make investment decisions that are inconsistent with the recommendations or views expressed in this research.

We and our affiliates, officers, directors, and employees will from time to time have long or short positions in, act as principal in, and buy or sell, the securities or derivatives, if any, referred to in this research, unless otherwise prohibited by regulation or Goldman Sachs policy.

The views attributed to third party presenters at Goldman Sachs arranged conferences, including individuals from other parts of Goldman Sachs, do not necessarily reflect those of Global Investment Research and are not an official view of Goldman Sachs.

Any third party referenced herein, including any salespeople, traders and other professionals or members of their household, may have positions in the products mentioned that are inconsistent with the views expressed by analysts named in this report.

This research is focused on investment themes across markets, industries and sectors. It does not attempt to distinguish between the prospects or performance of, or provide analysis of, individual companies within any industry or sector we describe.

Any trading recommendation in this research relating to an equity or credit security or securities within an industry or sector is reflective of the investment theme being discussed and is not a recommendation of any such security in isolation.

This research is not an offer to sell or the solicitation of an offer to buy any security in any jurisdiction where such an offer or solicitation would be illegal. It does not constitute a personal recommendation or take into account the particular investment objectives, financial situations, or needs of individual clients. Clients should consider whether any advice or recommendation in this research is suitable for their particular circumstances and, if appropriate, seek professional advice, including tax advice. The price and value of investments referred to in this research and the income from them may fluctuate. Past performance is not a guide to future performance, future returns are not guaranteed, and a loss of original capital may occur. Fluctuations in exchange rates could have adverse effects on the value or price of, or income derived from, certain investments.

Certain transactions, including those involving futures, options, and other derivatives, give rise to substantial risk and are not suitable for all investors. Investors should review current options and futures disclosure documents which are available from Goldman Sachs sales representatives or at <https://www.theocc.com/about/publications/character-risks.jsp> and https://www.goldmansachs.com/disclosures/cftc_fcm_disclosures. Transaction costs may be significant in option strategies calling for multiple purchase and sales of options such as spreads. Supporting documentation will be supplied upon request.

Differing Levels of Service provided by Global Investment Research: The level and types of services provided to you by Goldman Sachs Global Investment Research may vary as compared to that provided to internal and other external clients of GS, depending on various factors including your individual preferences as to the frequency and manner of receiving communication, your risk profile and investment focus and perspective (e.g., marketwide, sector specific, long term, short term), the size and scope of your overall client relationship with GS, and legal and regulatory constraints. As an example, certain clients may request to receive notifications when research on specific securities is published, and certain clients may request that specific data underlying analysts' fundamental analysis available on our internal client websites be delivered to them electronically through data feeds or otherwise. No change to an analyst's fundamental research views (e.g., ratings, price targets, or material changes to earnings estimates for equity securities), will be communicated to any client prior to inclusion of such information in a research report broadly disseminated through electronic publication to our internal client websites or through other means, as necessary, to all clients who are entitled to receive such reports.

All research reports are disseminated and available to all clients simultaneously through electronic publication to our internal client websites. Not all research content is redistributed to our clients or available to third-party aggregators, nor is Goldman Sachs responsible for the redistribution of our research by third party aggregators. For research, models or other data related to one or more securities, markets or asset classes (including related services) that may be available to you, please contact your GS representative or go to <https://research.gs.com>.

Disclosure information is also available at <https://www.gs.com/research/hedge.html> or from Research Compliance, 200 West Street, New York, NY 10282.

© 2026 Goldman Sachs.

You are permitted to store, display, analyze, modify, reformat, and print the information made available to you via this service only for your own use. You may not resell or reverse engineer this information to calculate or develop any index for disclosure and/or marketing or create any other derivative works or commercial product(s), data or offering(s) without the express written consent of Goldman Sachs. You are not permitted to publish, transmit, or otherwise reproduce this information, in whole or in part, in any format to any third party without the express written consent of Goldman Sachs. This foregoing restriction includes, without limitation, using, extracting, downloading or retrieving this information, in whole or in part, to train or finetune a machine learning or artificial intelligence system, or to provide or reproduce this information, in whole or in part, as a prompt or input to any such system.