XBMA ANNUAL REVIEW 2023

INTERNATIONAL INSTITUTE FOR THE STUDY OF CROSS-BORDER INVESTMENT AND M&A 跨国投资并购国际研究协会







CAMBRIDGE Judge Business School

GLOBAL M&A VOLUME

SLOWDOWN IN 2023; YEAR ENDS WITH SIGNS OF RECOVERY

Global M&A volume in 2023 was less than that of 2022 and 2021, when it set a record. M&A activity in the second half of 2023, however, exceeded that of the second half of 2022. Global M&A volume in 2023 was US\$2.9 trillion, down from US\$3.6 trillion in 2022 and below the annual average of US\$4.5 trillion over the prior 10-year period.

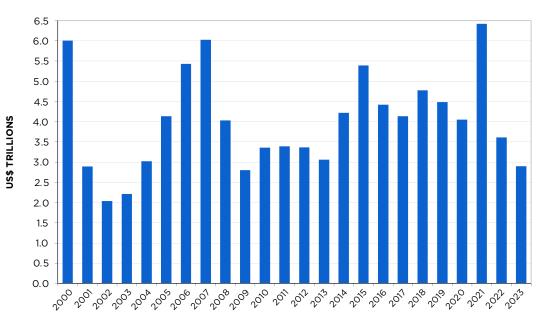
While global M&A volume over the first two quarters of 2023 was the lowest of any first half over the prior 10 years (US\$1.3 trillion), there was an uptick in activity in the second half of 2023 (US\$1.6 trillion), which surpassed M&A activity in the second half of 2022 (US\$1.5 trillion). The total volume of large (valued between US\$1-5 billion) and mega (valued at more than US\$5 billion) deals was lower in 2023 than in 2022, as the total volume of large and mega deals decreased from US\$2.1 trillion in 2022 to US\$1.8 trillion in 2023. Energy & Power was the most active sector for M&A in 2023 (US\$502 billion), followed by the Industrials sector (US\$371 billion).

There were eight transactions valued in excess of \$20 billion in 2023, totaling US\$285 billion in value (an average deal size of US\$36 billion) compared to eight such transactions in 2022 totaling US\$403 billion in value (an average deal size of US\$50 billion). Six out of the 10 largest deals globally this year involved both U.S.-based targets and U.S.-based acquirers.

The largest deals of 2023 were Exxon Mobil's US\$65 billion acquisition of Pioneer Natural Resources, Chevron's US\$60 billion acquisition of Hess and Pfizer's US\$42 billion acquisition of Seagen.



GLOBAL M&A VOLUME



ALL FIGURES ARE INFLATION-ADJUSTED TO 2023 DOLLARS. DATA IN THIS REPORT DOES NOT INCLUDE SPIN-OFFS ANNOUNCED IN 2023 THAT HAVE NOT BEEN COMPLETED. SOURCE: THOMSON

GLOBAL M&A VOLUME: Q4 SNAPSHOT

2023 Q4 M&A VOLUME INCREASES RELATIVE TO RECENT QUARTERS

Global M&A volume was US\$887 billion in Q4 2023, the second lowest fourth quarter volume since Q4 2013. Global M&A volume in Q4 2023 increased by 24% compared to Q3 2023 (US\$715 billion) and 18% compared to Q4 2022 (US\$754 billion) but decreased by 28% compared to the average volume of global M&A in fourth quarters over the 10-year period from 2013 to 2022 (US\$1.2 trillion). Annual global M&A volume was US\$2.9 trillion in 2023, a decrease of 20% compared to 2022 (US\$3.6 trillion) and a 35% decrease compared to the prior 10-year period (US\$4.6 trillion).

The volume of M&A involving U.S. targets was US\$420 billion in Q4 2023, an increase of 23% from Q3 2023 (US\$366 billion) and of 33% from Q4 2022 (US\$317 billion) but a decrease of 19% from the average volume of U.S. M&A in fourth quarters over the 10-year period from 2013 to 2022 (US\$519 billion). M&A volume involving U.S. targets in 2023 was US\$1.4 trillion, 9% lower than 2022's US\$1.5 trillion and 30% lower than the average volume of U.S. M&A over the prior 10-year period (US\$1.9 trillion).

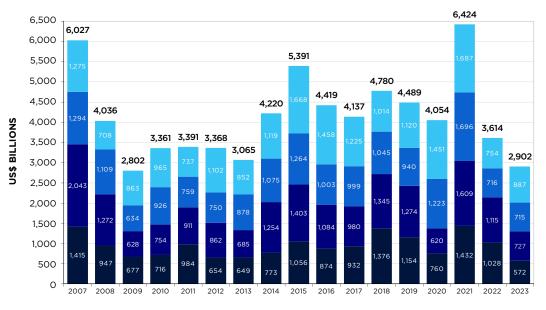
With US\$215 billion in deal volume, Energy & Power was the leading sector for M&A activity in Q4 2023, representing approximately 24% of the quarter's total global M&A volume. Energy & Power also was the leading sector for 2023, with US\$502 billion in total deal volume and representing approximately 17% of the year's total global M&A volume. The top two deals for both Q4 2023 and FY 2023 were in the Energy & Power sector – Exxon Mobil's US\$65 billion acquisition of Pioneer Natural Resources and Chevron's US\$60 billion

acquisition of Hess.

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GLOBAL M&A VOLUME BY QUARTER



QUARTER 4

CROSS-BORDER M&A VOLUME

CROSS-BORDER SHARE OF GLOBAL M&A VOLUME DECREASES SLIGHTLY IN 2023

In 2023, US\$962 billion, or 33%, of deals were crossborder — down from averages over the prior 10 years of US\$1.6 trillion, and 35%, and below US\$1 trillion for the first time since 2013.

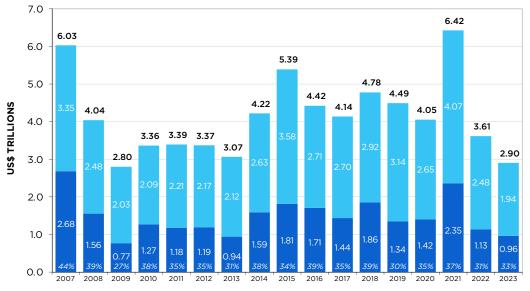
Cross-border M&A volume was US\$295 billion in Q4 2023, an increase of 38% from Q3 2023 (US\$214 billion) and an increase of 44% from Q4 2022 (US\$205 billion). 2023's US\$962 billion of cross-border M&A volume was 15% lower than the total volume of cross-border M&A in 2022 (US\$1.1 trillion) and 38% lower than average crossborder M&A volume over the prior 10 years (US\$1.6 trillion).

Significant cross-border transactions in Q4 2023 included the US\$24 billion acquisition of Italy-based Telecom Italia's fixed line network business by an investor group comprised of KKR & Co, the Abu Dhabi Investment Authority and the Italian Ministero dell'Economia e delle Finanze and the US\$14 billion acquisition of Norwaybased Adevinta by an investor group comprised of General Atlantic, TCMI and Blackstone as well as U.K.based Permira Advisers.





CROSS-BORDER M&A VOLUME



LARGE AND MEGA M&A DEALS

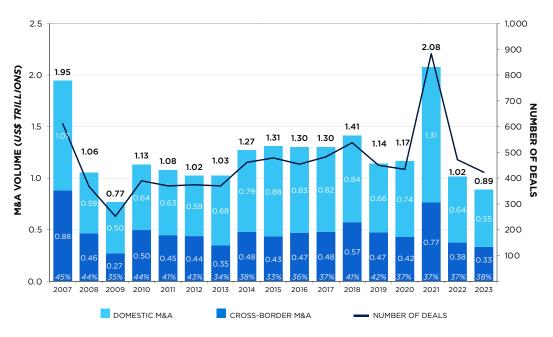
LARGE AND MEGA DEALS MAKE UP LARGE SHARE OF GLOBAL M&A VOLUME DESPITE YEAR-OVER-YEAR DECLINE

While the volume of activity involving large and mega deals was lower in 2023 than in 2022, large and mega deals still accounted for 61% of 2023 global M&A volume, above the 57% share in 2022 and not far below the 64% share in 2021.

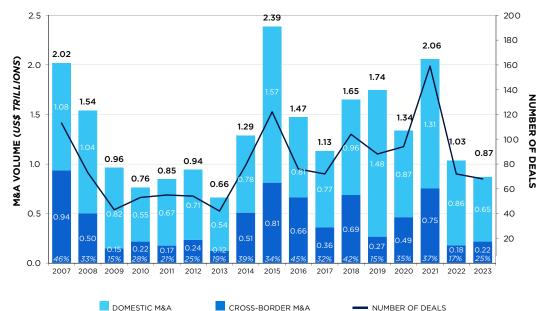
Large deal M&A volume was US\$259 billion in Q4 2023, an increase of 23% from Q3 2023 (US\$211 billion) and of 9% from Q4 2022 (US\$237 billion). However, large deal M&A volume for the full year was US\$887 billion, a decrease of 13% from 2022 (US\$1.0 trillion).

Similarly, mega deal M&A volume was US\$326 billion in Q4 2023, an increase of 51% from Q3 2023 (US\$216 billion) and of 77% from Q4 2022 (US\$184 billion), and for the full year was US\$870 billion, a decline of 16% from 2022 (US\$1.0 trillion).

VOLUME & NUMBER OF LARGE DEALS US\$1-5 BILLION



VOLUME & NUMBER OF MEGA DEALS > US\$5 BILLION



LARGE DEALS INCLUDE TRANSACTIONS VALUED BETWEEN US\$1 BILLION AND US\$5 BILLION. MEGA DEALS INCLUDE TRANSACTIONS VALUED AT US\$5 BILLION OR GREATER. CROSS-BORDER M&A TRANSACTIONS ARE DEFINED AS THOSE IN WHICH THE PARTIES ARE HEADQUARTERED OR BASED IN DIFERENT COUNTRIES. ALL FIGURES ARE INFLATION-ADJUSTED TO 2023 DOLLARS. DATA IN THIS REPORT DOES NOT INCLUDE SPIN-OFFS ANNOUNCED IN 2023 THAT HAVE NOT BEEN COMPLETED. FIGURES MAY NOT SUM DUE TO ROUNDING. SOURCE: THOMSON

M&A VOLUME BY TARGET REGION

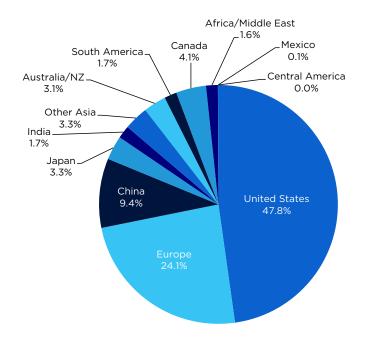
U.S. ACQUISITIONS ACCOUNT FOR NEARLY HALF OF GLOBAL M&A

Acquisitions of U.S. companies represented the largest proportion of global M&A in 2023 (US\$1.4 trillion), constituting approximately 47% of global M&A volume, above the proportion in 2022 (42%) and the average proportion of global M&A volume since 2014 (44%).

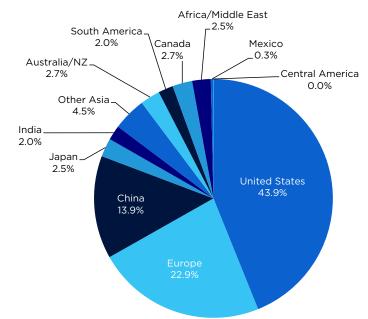
Acquisitions of European companies accounted for about US\$606 billion of M&A volume in 2023, representing 21% of global M&A volume in 2023, slightly below the 24% proportion in 2022 and the average 23% proportion since 2014.

Acquisitions of Chinese companies accounted for US\$302 billion in 2023, representing 10% of global M&A volume in 2023, slightly below the average 12% proportion of global M&A volume in 2022 and the 14% proportion since 2014.

M&A VOLUME BY TARGET REGION: Q4 2023



M&A VOLUME BY TARGET REGION: 2014-2023



REPRESENTS SHARE OF GLOBAL M&A VOLUME BASED ON TARGET'S HEADQUARTERS. ALL FIGURES ARE INFLATION-ADJUSTED TO 2023 DOLLARS. DATA IN THIS REPORT DOES NOT INCLUDE SPIN-OFFS ANNOUNCED IN 2023 THAT HAVE NOT BEEN COMPLETED. FIGURES MAY NOT SUM DUE TO ROUNDING. SOURCE: THOMSON

TRENDS IN M&A VOLUME BY TARGET REGION

SOME INCREASED ACTIVITY; ASIA-PACIFIC DECLINE

While M&A activity was down in all regions in 2023 compared to the average across the prior 10 years, most regions experienced an uptick in activity in Q4. However, M&A volume continued to decrease in the Asia-Pacific area (excluding Japan).

M&A activity in North America was US\$456 billion in Q4 2023, an increase of 25% from Q4 2022 (US\$364 billion) but a decrease of 17% relative to the average volume over the previous 10 fourth quarters (US\$551 billion). North American M&A volume in 2023 was US\$1.5 trillion, a decrease of 10% from 2022 (US\$1.6 trillion) and 30% lower than the average annual North American volume over the prior 10 years (US\$2.0 trillion).

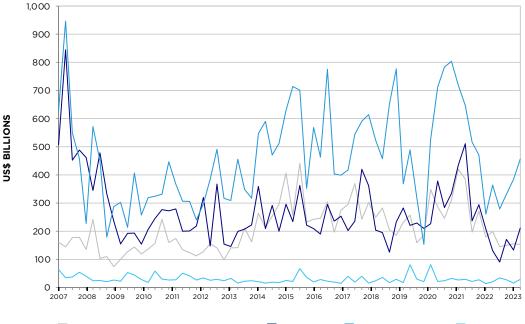
In Europe, M&A volume in Q4 2023 was US\$212 billion, an increase of 62% from Q4 2022 (US\$131 billion) but 25% lower than the average annual volume over the previous 10 fourth quarters (US\$283 billion). European M&A volume in 2023 was US\$606 billion, a decline of 30% from 2022 (US\$868 billion) and 41% lower than the average annual European volume over the prior 10 years (US\$1.0 trillion).

M&A volume in Asia-Pacific (excluding Japan) was US\$153 billion in Q4 2023, a decrease of 23% from Q4 2022 (US\$199 billion) and a decrease of 49% from the average volume over the previous 10 fourth quarters (US\$299 billion). Asia-Pacific (excluding Japan) M&A volume in 2023 was US\$602 billion, a decrease of 29% from 2022's annual volume (US\$845 billion) and 41% lower than the average annual Asia-Pacific (excluding Japan) volume over the last 10 years (US\$1.0 trillion).

In Japan, M&A volume was US\$29 billion in Q4 2023, an increase of 39% from Q4 2022 (US\$21 billion) but a decrease of 14% from the average volume over the previous 10 fourth quarters (US\$34 billion). Japanese 2023 M&A volume reached US\$105 billion, a 27% increase from 2022 (US\$82 billion) but a 4% decline from the average annual Japanese volume over the last 10 years (US\$110 billion).



TRENDS IN M&A VOLUME BY TARGET REGION



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JAPAN

CROSS-BORDER M&A IN EMERGING ECONOMIES

DECLINE IN CROSS-BORDER M&A IN EMERGING ECONOMIES

In 2023, the volume of M&A involving acquirers and targets in emerging economies fell to its lowest annual volume since 2009.

M&A activity in emerging economies was US\$150 billion in Q4 2023, a decrease of 11% from Q3 2023 (US\$170 billion) and 27% from Q4 2022 (US\$207 billion), and 51% lower than the average fourth quarter volume of emerging economy M&A over the prior 10 years (US\$307 billion). At US\$606 billion, emerging economy M&A volume in 2023 fell short of that of previous years, decreasing approximately 31% from 2022 (US\$882 billion) and 42% from average emerging economy M&A volume over the prior 10 years (US\$1.0 trillion).

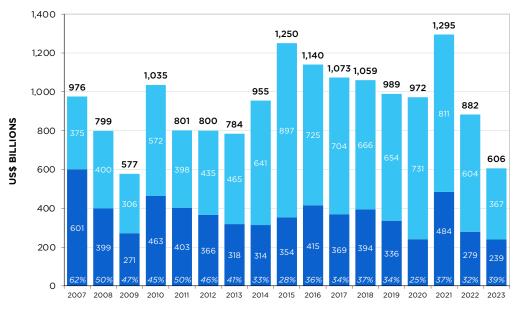
Cross-border transactions accounted for 39% of emerging economy M&A volume in 2023 (US\$239 billion), a higher proportion than in 2022 (32%) and than the average proportion over the prior 10 years (34%).

The largest cross-border emerging economy transactions in 2023 were the US\$23 billion acquisition of Vietnam-based VinFast Auto by Hong Kong-based Black Spade Acquisition and the US\$7 billion acquisition of Romania-based AlphaBank Romania by Italybased Unicredit.

EMERGING MARKET TRANSACTIONS ARE DEFINED AS THOSE IN WHICH EITHER OR BOTH PARTIES ARE HEADQUARTERED OR BASED IN AN EMERGING ECONOMY. CROSS-BORDER M&A TRANSACTIONS ARE DEFINED AS THOSE IN WHICH THE PARTIES ARE HEADQUARTERED OR BASED IN DIFFERENT COUNTRIES. ALL FIGURES ARE INFLATION-ADJUSTED TO 2023 DOLLARS. DATA IN THIS REPORT DOES NOT INCLUDE SPIN-OFFS ANNOUNCED IN 2023 THAT HAVE NOT BEEN COMPLETED. FIGURES MAY NOT SUM DUE TO ROUNDING. DEVELOPED AND EMERGING ECONOMIES ARE DEFINED BY IMF CLASSIFICATION. SOURCE: THOMSON



EMERGING ECONOMY M&A VOLUME



DOMESTIC M&A

DISTRESSED DEALS

DISTRESSED M&A VOLUME SHOWS MODEST INCREASES COMPARED TO 2022

Despite an increase relative to 2022, 2023 distressed M&A volume was low compared to the 10-year average.

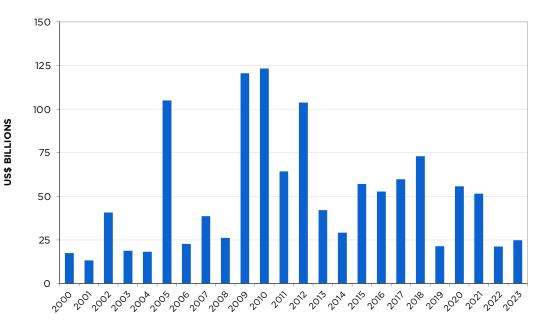
Although distressed M&A volume rose to US\$12 billion in Q2 2023, the average quarterly volume for 2023 was US\$6 billion, a 17% increase from the average quarterly volume in 2022 (US\$5 billion) but a 46% decrease compared to the average quarterly volume of the prior 10 years (US\$12 billion). Q4 2023 distressed M&A volume was just over US\$5 billion, a slight 4% increase from Q3 2023 (US\$5 billion). For the year, distressed M&A volume was US\$25 billion, a 17% increase from the volume of 2022 (US\$21 billion) but a 63% decline from the average prior 10 years (US\$67 billion).

Notable distressed deals this year included Ichigo Trust's \$2 billion acquisition of a majority stake in Japan Display and the \$1 billion acquisition of a majority stake in SAS by an investor group led by Castlelake.

ALL FIGURES ARE INFLATION-ADJUSTED TO 2023 DOLLARS. DISTRESSED TRANSACTIONS INCLUDE THOSE IN WHICH THE TARGET ENTITY IS UNDERGOING RESTRUCTURING OR HAS REDUCED THE DEBT ON ITS BALANCE SHEET THROUGH A BANKRUPTCY SALE, A TENDER OFFER OR AN EXCHANGE OFFER FOR EXISTING DEBT SECURITES, OR A LOAN MODIFICATION. AN ENTITY IS CONSIDERED TO BE UNDERGOING RESTRUCTURING IF IT HAS PUBLICLY CONFIRMED RETENTION OF A RESTRUCTURING ADVISOR, PLANS TO RESTRUCTURE ITS DEBT, HAS FILED FOR BANKRUPTCY OR HAS DEFAULTED ON ITS DEBT, HAS RECEIVED AN S&P OR MOODY'S RATING OF CCC+/CAAI OR BELOW BEFORE OR IN REACTION TO THE ANNOUNCEMENT OF A TRANSACTION, OR ITS CREDIT FACILITY OR DEBT SECURITIES CARRY A YIELD OF 1,000 BPS ABOVE THAT OF U.S. TREASURIES. SOURCE: THOMSON



DISTRESSED M&A VOLUME



GLOBAL M&A BY SECTOR: LAST 12 MONTHS

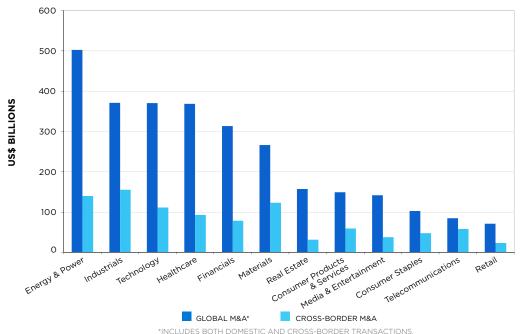
ENERGY & POWER LEADS ALL SECTORS

In 2023, the Energy & Power sector was the most active sector for M&A, with Industrials and Technology following as the second and third largest sectors, respectively. Over the last 12 months, these three sectors represented approximately US\$502 billion, US\$371 billion and US\$371 billion of global M&A volume, respectively, and, in the aggregate, accounted for 43% of global M&A volume (US\$1.2 trillion). In 2023, the largest deals in these respective sectors included Exxon Mobil's US\$65 billion acquisition of Pioneer Natural Resources, the US\$13 billion acquisition of Viessmann Climate Solutions by Carrier Global, and the US\$30 billion acquisition of Splunk by Cisco Systems.

The sectors with the highest proportions of crossborder M&A volume in 2023 were Telecommunications and Consumer Staples, with 69% and 46% of their total M&A volume, respectively, attributable to crossborder transactions.



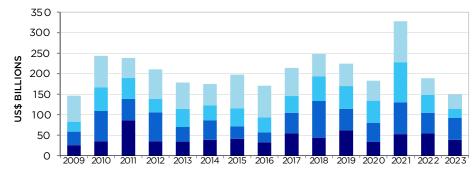
M&A VOLUME BY SECTOR - LAST 12 MONTHS



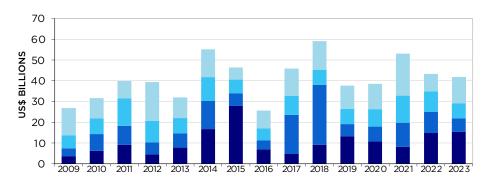
CROSS-BORDER M&A TRANSACTIONS ARE DEFINED AS THOSE IN WHICH THE PARTIES ARE HEADQUARTERED OR BASED IN DIFFERENT COUNTRIES. ALL FIGURES ARE INFLATION-ADJUSTED TO 2023 DOLLARS. DATA IN THIS REPORT DOES NOT INCLUDE SPIN-OFFS ANNOUNCED IN 2023 THAT HAVE NOT BEEN COMPLETED. SOURCE: THOMSON

AGGREGATE VALUE OF DEALS

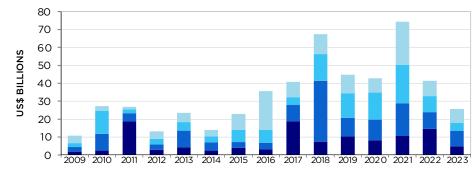
FROM DEVELOPED INTO EMERGING ECONOMIES



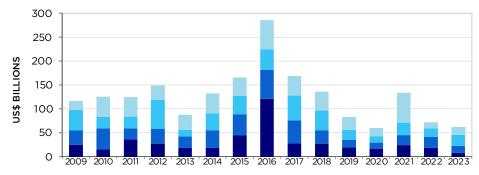
INBOUND CHINESE DEALS



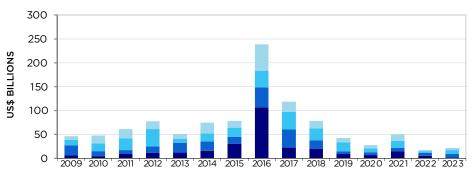
INBOUND INDIAN DEALS



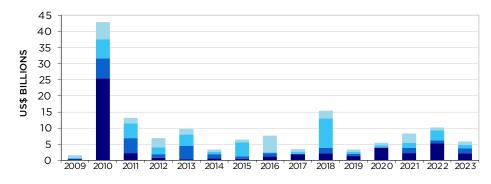
FROM EMERGING INTO DEVELOPED ECONOMIES



OUTBOUND CHINESE DEALS



OUTBOUND INDIAN DEALS



QUARTER 1 QUARTER 2 QUARTER 3 QUARTER 4

TOP 10 GLOBAL DEALS ANNOUNCED IN Q4 2023

TOP 10 GLOBAL DEALS ANNOUNCED IN 2023

ACQUIRER*	TARGET*	TARGET INDUSTRY	DEAL VALUE**	ACQUIRER*	TARGET*	TARGET INDUSTRY	DEAL VALUE**
Exxon Mobil Corp United States	Pioneer Natural Resources Co United States	Energy and Power	64,924	Exxon Mobil Corp United States	Pioneer Natural Resources Co United States	Energy and Power	64,924
Chevron Corp United States	Hess Corp United States	Energy and Power	59,633	Chevron Corp United States	Hess Corp United States	Energy and Power	59,633
Investor Group comprised of KKR & Cc Inc, Abu Dhabi Investment Authority - United Arab Emirates and Ministero dell'Economia e delle Finanze - Italian Republic United States, United Arab Emirates, Ita	Line Network Business	Telecomm	23,604	Pfizer Inc United States	Seagen Inc United States	Healthcare	42,102
Investor Group comprised of General Atlantic Service Co LP, Permira Advisers Ltd TCMI inc and Blackstone Inc United States, United Kingdom	Adevinta ASA Norway	Media and Entertainment	14,389	Cisco Systems Inc United States	Splunk Inc United States	Technology	29,564
Nippon Steel Corp	United States Steel Corp United States	Materials	14,040	Investor Group comprised of KKR & Co Inc, Abu Dhabi Investment Authority - United Arab Emirates and Ministero dell'Economia e delle Finanze - Italian Republic United States, United Arab Emirates, Ital!	Telecom Italia SpA - Fixed Line Network Business	Telecomm	23,604
Aon plc Ireland	NFP Corp United States	Financials	13,626	Black Spade Acquisition Co	VinFast Auto Ltd	Industrials	23,000
Bristol-Myers Squibb Co United States	Karuna Therapeutics Inc United States	Healthcare	12,232	EchoStar Corp United States	DISH Network Corp United States	Media and Entertainment	21,875
Occidental Petroleum Corp United States	CrownRock LP United States	Energy and Power	12,000	Smurfit Kappa Group plc	WestRock Co United States	Materials	20,231
Harbour Energy plc United Kingdom	Wintershall Dea AG - Upstream Assets Germany	Energy and Power	11,200	Newmont Corp United States	Newcrest Mining Ltd Australia	Materials	19,736
AbbVie Inc United States	ImmunoGen Inc United States	Healthcare	9,712	ONEOK Inc United States	Magellan Midstream Partners LP United States	Energy and Power	18,618

TOP 10 DEALS FROM DEVELOPED INTO EMERGING ECONOMIES* ANNOUNCED IN Q4 2023

TOP 10 DEALS FROM DEVELOPED INTO EMERGING ECONOMIES* ANNOUNCED IN 2023

ACQUIRER**	TARGET**	TARGET INDUSTRY	DEAL VALUE***	ACQUIRER**	TARGET**	TARGET INDUSTRY	DEAL VALUE***
Siemens AG Germany	Siemens Ltd	Industrials	2,285	Black Spade Acquisition Co Hong Kong	VinFast Auto Ltd	Industrials	23,000
United Energy Group Ltd	Pakistan Refinery Ltd	Energy and Power	1,500	L Catterton Asia Acquisition Corp Singapore	Wuhan Lotus Technology Co Ltd China	Industrials	5,400
Actis LLP United Kingdom	Enel Generación Peru SAA Peru	Energy and Power	1,400	Bain Capital LP United States	Chindata Group Holdings Ltd China	Technology	2,694
Koninklijke Ahold Delhaize NV Netherlands	SC Profi Rom Food Srl Romania	Retail	1,373	Brookfield Corp Canada	Network International Holdings plc United Arab Emirates	Financials	2,652
Exxon Mobil Corp United States	SBM Offshore NV - Liza Unity Floating Production Storage and Offloading (FPSO) Guyana	Energy and Power	1,260	Siemens AG Germany	O Siemens Ltd	Industrials	2,285
Stellantis NV Netherlands	Zhejiang Leapmotor Technology Co Ltd China	Industrials	1,088	Investor Group comprised of Coca-Cola Europacific Partners plc and Aboitiz Equity Ventures United Kingdom, Philippines	Coca-Cola Beverages Philippines	Consumer Staples	1,800
Aetherium Capital Holdings LLC United States	Capital A International Malaysia	Financials	1,000	Sumitomo Mitsui Financial Group Inc Japan	Vietnam Prosperity Joint Stock Commercial Bank Vietnam	Financials	1,527
AstraZeneca plc	Gracell Biotechnologies Inc	Healthcare	879	United Energy Group Ltd	Pakistan Refinery Ltd Pakistan	Energy and Power	1,500
Engie SA France	Atlas Energia Renovavel do Brasil SA Brazil	Energy and Power	646	Talanx AG Germany	Liberty Seguros SA Brazil	Financials	1,480
Bunge Ltd United States	CJ Selecta SA Brazil	Consumer Staples	600	TotalEnergies SE France	Compañía Española de Petróleos, SA - Satah Al Razboot, Umm Lulu, Bin Nasher and Al Bateel upstream assets United Arab Emirates	Energy and Power	1,473

*DEVELOPED/EMERGING ECONOMIES ARE DEFINED BY IMF CLASSIFICATION, AVAILABLE AT HTTP://WWW.IMF.ORG/EXTERNAL/PUBS/FT/WEO/2010/01/WEODATA/GROUPS.HTM. **COMPANY NATIONALITY DETERMINED BY LOCATION OF HEADQUARTERS OR BY LOCATION OF TARGET ASSETS. ***US\$MILLIONS

TOP 10 DEALS FROM EMERGING INTO DEVELOPED ECONOMIES* ANNOUNCED IN Q4 2023

TOP 10 DEALS FROM EMERGING INTO DEVELOPED ECONOMIES* ANNOUNCED IN 2023

ACQUIRER**	TARGET**	TARGET INDUSTRY	DEAL VALUE***	ACQUIRER**	TARGET**	TARGET INDUSTRY	DEAL VALUE***
Investor Group comprised of Ardian and Public Investment Fund - Kingdom of Saudi Arabia France, Saudia Arabia	FGP Topco Ltd United Kingdom	Industrials	2,990	Savvy Games Group Saudi Arabia	Scopely Inc United States	Technology	4,900
China Minmetals Corp - People's Republic of China China	Cuprous Capital Ltd	Materials	1,875	Aircraft Leasing Co - Kingdom of Saudi Arabia Saudi Arabia	Standard Chartered plc - Global Aviation Finance Leasing Business Ireland	Industrials	3,600
PTT Exploration and Production Public Co Ltd Thailand	Totalenergies Renewables Seagreen Holdco Ltd United Kingdom	Energy and Power	660	Investor Group comprised of Manara Minerals Investment Co and Engine No. 1 Saudi Arabia, United States	Vale SA - Energy Transition Metals Business Canada	Materials	3,400
Haier Smart Home Co Ltd	Carrier Refrigeration Benelux BV Netherlands	Industrials	640	Investor Group comprised of Ardian and Public Investment Fund - Kingdom of Saudi Arabia France, Saudia Arabia	FGP Topco Ltd United Kingdom	Industrials	2,990
Grupo Carso SAB de CV	Urbaser Ltd United Kingdom	Energy and Power	500	Saudi Telecom Co - Kingdom of Saudi Arabia Saudi Arabia	Telefónica SA Spain	Telecomm	2,267
ORLEN SA Poland	KUFPEC Norway AS	Energy and Power	445	China Minmetals Corp - People's Republic of China China	Cuprous Capital Ltd	Materials	1,875
Alpha Dhabi Holding PJSC United Arab Emirates	London Square Ltd	Industrials	290	Ayar Third Investment Co Saudi Arabia	Lucid Group Inc United States	Industrials	1,800
Corporación Nacional del Cobre de Chile - Republic of Chile Chile	Lithium Power International Ltd Australia	Materials	221	Alpha Dhabi Holding PJSC United Arab Emirates	Circle Health Group Ltd	Healthcare	1,200
PT Pyridam Farma Tbk Indonesia	Probiotec Ltd Australia	Healthcare	216	Gravitas Education Holdings Inc China	Best Assistant Education Online Ltd Cayman Islands	Consumer Products and Services	750
Azzurra Capital Managemen FZE United Arab Emirates	t Gruppo Desa SPA	Consumer Staples	208	PTT Exploration and Production Public Co Ltd Thailand	Totalenergies Renewables Seagreen Holdco Ltd United Kingdom	Energy and Power	660

*DEVELOPED/EMERGING ECONOMIES ARE DEFINED BY IMF CLASSIFICATION, AVAILABLE AT HTTP://WWW.IMF.ORG/EXTERNAL/PUBS/FT/WEO/2010/01/WEODATA/GROUPS.HTM. **COMPANY NATIONALITY DETERMINED BY LOCATION OF HEADQUARTERS OR BY LOCATION OF TARGET ASSETS. ***US\$MILLIONS

TOP 10 NORTH AMERICAN DEALS ANNOUNCED IN Q4 2023

TOP 10 NORTH AMERICAN DEALS ANNOUNCED IN 2023

ACQUIRER*	TARGET*	TARGET INDUSTRY	DEAL VALUE**	ACQUIRER*	TARGET*	TARGET INDUSTRY	DEAL VALUE**
Exxon Mobil Corp United States	Pioneer Natural Resources Co United States	Energy and Power	64,924	Exxon Mobil Corp United States	Pioneer Natural Resources Co United States	Energy and Power	64,924
Chevron Corp United States	Hess Corp United States	Energy and Power	59,633	Chevron Corp United States	Hess Corp United States	Energy and Power	59,633
Nippon Steel Corp	United States Steel Corp United States	Materials	14,040	Pfizer Inc United States	Seagen Inc United States	Healthcare	42,102
Aon plc Ireland	NFP Corp United States	Financials	13,626	Cisco Systems Inc United States	Splunk Inc United States	Technology	29,564
Bristol-Myers Squibb Co United States	Karuna Therapeutics Inc United States	Healthcare	12,232	EchoStar Corp United States	DISH Network Corp United States	Media and Entertainment	21,875
Occidental Petroleum Corp United States	CrownRock LP United States	Energy and Power	12,000	Smurfit Kappa Group plc	WestRock Co United States	Materials	20,231
AbbVie Inc United States	ImmunoGen Inc United States	Healthcare	9,712	ONEOK Inc United States	Magellan Midstream Partners LP United States	Energy and Power	18,618
Realty Income Corp United States	Spirit Realty Capital Inc United States	Real Estate	9,203	Extra Space Storage Inc United States	Life Storage Inc United States	Real Estate	15,827
Investor Group comprised of Glencore plc, Nippon Steel Corp and POSCO Holdings Inc Switzerland, Japan, South Korea	f Elk Valley Resources Ltd Canada	Materials	9,000	GTCR LLC United States	Worldpay Inc United States	Financials	14,405
AbbVie Inc United States	Cerevel Therapeutics Holdings United States	Healthcare	8,284	Nippon Steel Corp	United States Steel Corp United States	Materials	14,040

TOP 10 ASIA-PACIFIC DEALS ANNOUNCED IN Q4 2023

TOP 10 ASIA-PACIFIC DEALS ANNOUNCED IN 2023

ACQUIRER*	TARGET*	TARGET INDUSTRY	DEAL VALUE**	ACQUIRER*	TARGET*	TARGET INDUSTRY	DEAL VALUE**
Sigma Healthcare Ltd Australia	CW Group Holdings Ltd Australia	Consumer Products and Services	6,158	Black Spade Acquisition Co Hong Kong	VinFast Auto Ltd	Industrials	23,000
Whitehaven Coal Ltd Australia	BHP Billiton Mitsubishi Alliance Pty Ltd - Blackwater and Daunia Mines Australia	Materials	4,100	Newmont Corp United States	Newcrest Mining Ltd Australia	Materials	19,736
Investor Group led by China Development Bank - People's Republic of China China	Changxin Xinqiao Storage Technology Co Ltd China	Technology	3,910	Japan Industrial Partners Inc	Toshiba Corp Japan	Technology	16,102
Royal Golden Eagle PT Ltd Singapore	Vinda International Holdings Ltd Hong Kong	Consumer Staples	3,343	Celltrion Inc South Korea	Celltrion Healthcare Co Ltd	Healthcare	7,833
Siemens AG Germany	O Siemens Ltd	Industrials	2,285	Japan Investment Corp - Japan Japan	JSR Corp Japan	Materials	6,999
Investor Group comprised of Japan Investment Corp - Japan, Mitsui Chemicals Inc and Dai Nippon Printing Co Ltd Japan	Shinko Electric Industries Co Ltd Japan	Materials	2,259	Sigma Healthcare Ltd Australia	CW Group Holdings Ltd Australia	Consumer Products and Services	6,158
Bain Capital LP United States	OUTSOURCING Inc	Consumer Products and Services	2,223	L Catterton Asia Acquisition Corp Singapore	Wuhan Lotus Technology Co Ltd China	Industrials	5,400
CYVN Holdings LLC United Arab Emirates	NIO Inc China	Industrials	2,205	Chow Tai Fook Capital Ltd	NWS Holdings Ltd Hong Kong	Industrials	5,200
Otemon Co Ltd Japan	Taisho Pharmaceutical Holdings Co Ltd Japan	Healthcare	2,169	Whitehaven Coal Ltd Australia	BHP Billiton Mitsubishi Alliance Pty Ltd - Blackwater and Daunia Mines Australia	Materials	4,100
Nippon Life Insurance Co Japan	KK BCJ-43 Japan	Healthcare	2,084	Investor Group led by China Development Bank - People's Republic of China China	Changxin Xinqiao Storage Technology Co Ltd China	Technology	3,910

TOP 10 EUROPEAN DEALS ANNOUNCED IN Q4 2023

TOP 10 EUROPEAN DEALS ANNOUNCED IN 2023

ACQUIRER*	TARGET*	TARGET INDUSTRY	DEAL VALUE**	ACQUIRER*	TARGET*	TARGET INDUSTRY	DEAL VALUE**
Investor Group comprised of KKR & Co Inc, Abu Dhabi Investment Authority - Jnited Arab Emirates and Ministero dell'Economia e delle Finanze - Italian Republic United States, United Arab Emirates, Italy	Telecom Italia SpA - Fixed Line Network Business	Telecomm	23,604	Investor Group comprised of KKR & Co Inc, Abu Dhabi Investment Authority - United Arab Emirates and Ministero dell'Economia e delle Finanze - Italian Republic United States, United Arab Emirates, Italy	Telecom Italia SpA - Fixed Line Network Business Italy	Telecomm	23,604
Investor Group comprised of General Atlantic Service Co LP, Permira Advisers Ltd, TCMI Inc and Blackstone Inc United States, United Kingdom	Adevinta ASA Norway	Media and Entertainment	14,389	Smurfit Kappa Group plc	WestRock Co United States	Materials	20,231
Harbour Energy plc United Kingdom	Wintershall Dea AG - Upstream Assets Germany	Energy and Power	11,200	Bunge Ltd United States	Viterra Ltd Netherlands	Consumer Staples	17,953
Zegona Communications plc	Vodafone Holdings Europe SLU Spain	Telecomm	5,306	Investor Group comprised of General Atlantic Service Co LP, Permira Advisers Ltd, TCMI Inc and Blackstone Inc United States, United Kingdom	Adevinta ASA Norway	Media and Entertainment	14,389
Investor Group led by HgCapital LLP, Jane Street Group LLC and Amboise Partners SA United States, United Kingdom, France	Visma AS Norway	Technology	4,375	Carrier Global Corp United States	Viessmann Climate Solutions SE Germany	Industrials	13,249
BP pic United Kingdom	Lightsource BP Renewable	Energy and Power	4,166	Harbour Energy plc United Kingdom	Wintershall Dea AG - Upstream Assets Germany	Energy and Power	11,200
Euronav NV Belgium	CMB.TECH NV Belgium	Materials	3,646	EQT AB and Abu Dhabi Investment Authority - United Arab Emirates Sweden, United Arab Emirates	Dechra Pharmaceuticals plc United Kingdom	Healthcare	6,058
Thermo Fisher Scientific Inc United States	Olink Holding AB Sweden	Consumer Products and Services	3,128	Danaher Corp United States	Abcam plc United Kingdom	Healthcare	5,677
Frontline plc Cyprus	Euronav NV - 24 VLCC tankers Belgium	Industrials	2,350	Zegona Communications plc	Vodafone Holdings Europe SLU Spain	Telecomm	5,306
Investor Group comprised of Ardian and Public Investment Fund - Kingdom of Saudi Arabia France, Saudia Arabia	FGP Topco Ltd United Kingdom	Industrials	2,990	Merit France SAS	Bolloré SE - Logistics Operations Unit France	Industrials	5,123

TOP 10 INBOUND CHINESE DEALS ANNOUNCED IN Q4 2023

TOP 10 INBOUND CHINESE DEALS ANNOUNCED IN 2023

ACQUIRER*	TARGET*	TARGET INDUSTRY	DEAL VALUE**	ACQUIRER*	TARGET*	TARGET INDUSTRY	DEAL VALUE**
Royal Golden Eagle PT Ltd Singapore	Vinda International Holdings Ltd Hong Kong	Consumer Staples	3,343	L Catterton Asia Acquisition Corp Singapore	Wuhan Lotus Technology Co Ltd China	Industrials	5,400
CYVN Holdings LLC United Arab Emirates	NIO Inc China	Industrials	2,205	Saudi Arabian Oil Co - Kingdom of Saudi Arabia Saudi Arabia	Rongsheng Petrochemical Co Ltd China	Materials	3,583
Stellantis NV Netherlands	Zhejiang Leapmotor Technology Co Ltd China	Industrials	1,534	Royal Golden Eagle PT Ltd	Vinda International Holdings Ltd Hong Kong	Consumer Staples	3,343
AstraZeneca plc United Arab Emirates	Gracell Biotechnologies Inc	Healthcare	879	Bain Capital LP United States	Chindata Group Holdings Ltd China	Technology	2,694
Lumentum Holdings Inc United Kingdom	Cloud Light Technology Ltd	Healthcare	750	CYVN Holdings LLC United Arab Emirates	NIO Inc China	Industrials	2,205
Feutune Light Acquisition Corp United States	Thunder Power Holding Ltd	Industrials	644	Stellantis NV Netherlands	Zhejiang Leapmotor Technology Co Ltd China	Industrials	1,534
Plutonian Acquisition Corp United States	Big Tree Cloud Holding Ltd	Technology	500	Aquaron Acquisition Corp United States	Bestpath (Shanghai) IoT Technology Co Ltd China	Industrials	1,200
DBS Group Holdings Ltd United States	Shenzhen Rural Commercial Bank Corp Ltd China	Financials	283	Finnovate Acquisition Corp	Scage International Ltd	Industrials	1,000
EN+ Group plc Russia	Hebei Wenfeng New Materials Co China	Materials	261	AstraZeneca plc United Arab Emirates	Gracell Biotechnologies Inc	Healthcare	879
C Tectum Global Pte Ltd Singapore	Tongda Precision Technology Co Ltd - Assets Hong Kong	Industrials	258	Prime Impact Cayman LLC United States	Cheche Tech Inc China	Financials	841

TOP 10 OUTBOUND CHINESE DEALS ANNOUNCED IN Q4 2023

TOP 10 OUTBOUND CHINESE DEALS ANNOUNCED IN 2023

ACQUIRER*	TARGET*	TARGET INDUSTRY	DEAL VALUE**	ACQUIRER*	TARGET*	TARGET INDUSTRY	DEAL VALUE**
China Minmetals Corp - People's Republic of China China	Cuprous Capital Ltd	Materials	1,875	Black Spade Acquisition Co Hong Kong	VinFast Auto Ltd	Industrials	23,000
United Energy Group Ltd	Pakistan Refinery Ltd Pakistan	Energy and Power	1,500	Geely Automobile Holdings Ltd Hong Kong	Renault SA - Powertrain Business France	Industrials	3,850
Douyin Ltd China	PT Tokopedia Indonesia	Retail	1,500	China Southern Power Grid Co Ltd China	Enel Distribución Perú SAA	Energy and Power	2,900
Haier Smart Home Co Ltd	Carrier Refrigeration Benelux BV Netherlands	Industrials	640	China Minmetals Corp - People's Republic of China China	Vale SA - Energy Transition Metals Business Canada	Materials	1,875
China Yangtze Power Co Ltd	Parque Eolico Tres Hermana Peru	s Energy and Power	170	United Energy Group Ltd Hong Kong	Pakistan Refinery Ltd Pakistan	Energy and Power	1,500
Jardine Matheson Holdings Ltd Hong Kong	PT Anugerah Surya Pacific Reso Indonesia	Materials	105	Douyin Ltd China	PT Tokopedia Indonesia	Retail	1,500
Tencent Holdings Ltd	Global Blue Group Holding AG Switzerland	Financials	100	BPEA EQT Hong Kong	IMG Academy LLC United States	Consumer Products and Services	1,100
Focuslight Technologies Inc	SUSS MicroOptics SA Switzerland	Technology	81	CK Asset Holdings Ltd Hong Kong	Civitas Social Housing plc United Kingdom	Real Estate	1,028
China Communications Construction Group - People's Republic of China China	CORE USA Investment Holding LLC United States	Financials	68	Haier Smart Home Co Ltd	Carrier Refrigeration Benelux BV Netherlands	Industrials	640
China Merchants Port Holding Co Ltd Hong Kong	PT Nusantara Pelabuhan Handal Indonesia	Financials	61	Jardine Matheson Holdings Ltd Hong Kong	Nickel Industries Ltd Australia	Materials	633

TOP 10 INBOUND INDIAN DEALS ANNOUNCED IN Q4 2023

TOP 10 INBOUND INDIAN DEALS ANNOUNCED IN 2023

ACQUIRER*	TARGET*	TARGET INDUSTRY	DEAL VALUE**	ACQUIRER*	TARGET*	TARGET INDUSTRY	DEAL VALUE**
Siemens AG Germany	Siemens Ltd	Industrials	2,285	Siemens AG Germany	O Siemens Ltd	Industrials	2,285
Abu Dhabi Investment Authority - United Arab Emirates United Arab Emirates	Reliance Retail Ventures Ltd India	Consumer Products and Services	597	Investor Group comprised of Brookfield Corp and Global Power Synergy PCL Canada, Thailand	Avaada Ventures Pvt Ltd	Energy and Power	1,068
Zurich Insurance Group AG Switzerland	Kotak Mahindra General Insurance Co Ltd India	Financials	487	Qatar Investment Authority - State of Qatar _{Qatar}	Reliance Retail Ventures Ltd	Financials	997
Mirae Asset Securities Co Ltd South Korea	Sharekhan Commodities Pvt Ltd India	Financials	360	Investor Group comprised of GIC Pte Ltd - Republic of Singapore and Brookfield India Real Estate Trust Singapore, India	Contraction Contra	Real Estate	789
Investor Group comprised of DST Global VI LP, Lightspeed Management Co LLC and M&G plc United Kingdom	Hiveloop Technology Pvt Ltd - Udaan India	l Technology	340	Proximus plc - Kingdom of Belgium Belgium	O Route Mobile Ltd	Telecomm	722
C Investor Group comprised of TPG Rise Climate LP and Ratan Tata Endowment Foundation Singapore, India	7 Tata Technologies Ltd India	Technology	194	Investor Group comprised of British Columbia Investment Management Corp and Mubadala Investment Co PJSC - United Arab Emirates Canada, United Arab Emirates	Cube Highways Trust	Financials	637
MegaChips Corp	Aura Semiconductor Pvt Ltd - Clock Products India	Industrials	148	Abu Dhabi Investment Authority - United Arab Emirates United Arab Emirates	Reliance Retail Ventures Ltd	Consumer Products and Services	597
Investor Group comprised of Steadview Capital Management LLC, Greenoaks Capital Partners LLC, Avenir Growth Capital, Lightspeed Management Co LLC and DI Capital Partners LP United States	Zetwerk Manufacturing Businesses Pvt Ltd	Industrials	118	G of GIC Pte Ltd - Republic of Singapore and Brookfield India Real Estate Trust Singapore, India	Candor Gurgaon One Realty Projects Pvt Ltd	Real Estate	573
Ontario Teachers' Pension Plan Board Canada	Busybees Logistics Solutions Pvt Ltd India	Consumer Products and Services	80	Abu Dhabi Investment Authority - United Arab Emirates United Arab Emirates	Lenskart Solutions Pvt Ltd	Retail	500
Investor Group comprised of BN Paribas SA, Beams Fintech Fund Mitsubishi UFJ Financial Group Inc, Avataar Venture Partners and TVS Capital Funds Ltd France, Mauritius, Japan, India	Girnar Insurance Brokers Pvt	Financials	60	Zurich Insurance Group AG Switzerland	Kotak Mahindra General Insurance Co Ltd India	Financials	487

TOP 10 OUTBOUND INDIAN DEALS ANNOUNCED IN Q4 2023

TOP 10 OUTBOUND INDIAN DEALS ANNOUNCED IN 2023

ACQUIRER*	TARGET*	TARGET INDUSTRY	DEAL VALUE**	ACQUIRER*	TARGET*	TARGET INDUSTRY	DEAL VALUE**
O JSW Infrastructures Ltd	Marine Oil Terminal Corp Marshall Islands	Industrials	187	Samvardhana Motherson International Ltd India	SAS Autosystemtechnik GmbH & Co KG Germany	Industrials	577
O Varun Beverages Ltd India	The Beverage Co South Africa	Consumer Staples	159	Sun Pharmaceutical Industries Ltd India	Concert Pharmaceuticals Inc United States	Healthcare	418
Devyani International Ltd India	Restaurants Development Co Ltd Thailand	Retail	129	O Undisclosed investors including Clear Bridge Ventures LLP India	Proximus Opal SA Belgium	Telecomm	336
O Zydus Lifesciences Ltd India	LiqMeds Ltd	Consumer Products and Services	83	Bharti Airtel Ltd India	Nigerian Communications Commission - 100MHz of Spectrum in the 3500MHz band & 2 units of 5MHz of Spectrum in the 2600 MHz band Nigeria	Telecomm	317
True North Managers LLP	iLink Systems Inc United States	Technology	75	O HCL Technologies Ltd India	ASAP Holding GmbH Germany	Technology	279
Samvardhana Motherson International Ltd	Lumen Australia Pty Ltd	Industrials	62	Tata Sons Pvt Ltd India	Kaleyra Inc United States	Technology	239
O Sun Pharmaceutical Industries Ltd	Lyndra Therapeutics Inc United States	Healthcare	30	O JSW Infrastructures Ltd	Marine Oil Terminal Corp Marshall Islands	Industrials	187
Tarsons Products Ltd	Nerbe Plus Gmbh & Co KG Germany	Healthcare	16	Sonata Software Ltd India	Quant Systems Inc United States	Technology	160
9Unicorns Accelerator Fund India	Assiduus Global Inc United States	Financials	15	O Varun Beverages Ltd India	The Beverage Co South Africa	Consumer Staples	159
Investor Group comprised of Peak XV Partners and Shorooq Partners India, United Arab Emirates	Triple A Technologies Pte Ltd Singapore	Financials	10	Jindal Stainless Ltd India	New Yaking Pte Ltd Indonesia	Materials	156



2023 M&A ADVISOR LEAGUE TABLES

LEGAL ADVISORS: US M&A

FINANCIAL ADVISORS: US M&A

RANK	INSTITUTION	NUMBER OF DEALS	TOTAL DEAL VOLUME*	RANK	INSTITUTION	NUMBER OF DEALS	TOTAL DEAL VOLUME*
1	Kirkland & Ellis	504	\$298,563	1	Goldman Sachs & Co	186	\$639,320
2	Wachtell, Lipton, Rosen & Katz	71	285,808	2	Morgan Stanley	112	423,359
3	Latham & Watkins	339	206,376	3	JP Morgan	160	393,637
4	Paul, Weiss, Rifkind, Wharton & Garrison	95	176,822	4	Citi	68	278,818
5	Davis Polk & Wardwell	75	152,580	5	BofA Securities	90	255,348
6	Skadden, Arps, Slate, Meagher & Flom	114	147,053	6	Evercore Partners	102	253,749
7	Simpson Thacher & Bartlett	111	138,956	7	Centerview Partners	65	221,178
8	Gibson Dunn & Crutcher	180	134,019	8	Wells Fargo & Co	56	149,909
9	Cravath, Swaine & Moore	32	127,064	9	Barclays	61	121,103
10	Sullivan & Cromwell	59	113,155	10	RBC Capital Markets	54	110,958

LEGAL ADVISORS: EUROPE M&A

FINANCIAL ADVISORS: EUROPE M&A

RANK	INSTITUTION	NUMBER OF DEALS	TOTAL DEAL VOLUME*	RANK	INSTITUTION	NUMBER OF DEALS	TOTAL DEAL VOLUME*
1	Freshfields Bruckhaus Deringer	157	\$144,118	1	JP Morgan	124	\$160,585
2	Linklaters	168	92,563	2	Morgan Stanley	88	139,985
3	Latham & Watkins	184	86,044	3	Goldman Sachs & Co	91	130,565
4	Clifford Chance	137	84,154	4	BNP Paribas	119	86,259
5	Kirkland & Ellis	100	62,332	5	BofA Securities	66	75,423
6	Allen & Overy	165	52,281	6	Rothschild & Co	287	71,650
7	Cleary Gottlieb Steen & Hamilton	43	47,396	7	Citi	63	69,184
8	Skadden, Arps, Slate, Meagher & Flom	51	38,728	8	Lazard	161	66,786
9	Weil Gotshal & Manges	47	38,585	9	UBS	56	62,391
10	White & Case	213	35,094	10	Mediobanca	55	44,614

LEGAL ADVISORS: ASIA M&A

FINANCIAL ADVISORS: ASIA M&A

RANK	INSTITUTION	NUMBER OF DEALS	TOTAL DEAL VOLUME*	RANK	INSTITUTION	NUMBER OF DEALS	TOTAL DEAL VOLUME*
1	Davis Polk & Wardwell	25	\$59,845	1	Morgan Stanley	79	\$87,643
2	White & Case	18	46,880	2	Nomura	99	60,959
3	Mori Hamada & Matsumoto	114	44,781	3	JP Morgan	30	59,171
4	Nishimura & Asahi	166	44,590	4	Goldman Sachs & Co	53	58,447
5	Herbert Smith Freehills	133	38,720	5	BofA Securities	50	56,467
6	King & Wood Mallesons	100	34,245	6	UBS	59	49,059
7	Khaitan & Co	167	30,102	7	China International Capital Co	79	46,581
8	Allens	54	29,435	8	Sumitomo Mitsui Financial Group	109	37,136
9	Kirkland & Ellis	21	28,369	9	Mizuho Financial Group	100	34,824
10	Latham & Watkins	24	28,010	10	Citi	21	27,554



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