

# Daily COVID-19 Insights (

September 21, 2022 (market close)

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#### Introduction

The COVID-19 pandemic may be viewed as impacting financial markets in two waves. The first wave commenced with the outbreak in China in early January 2020 and the second wave began with the global outbreak in late February 2020.

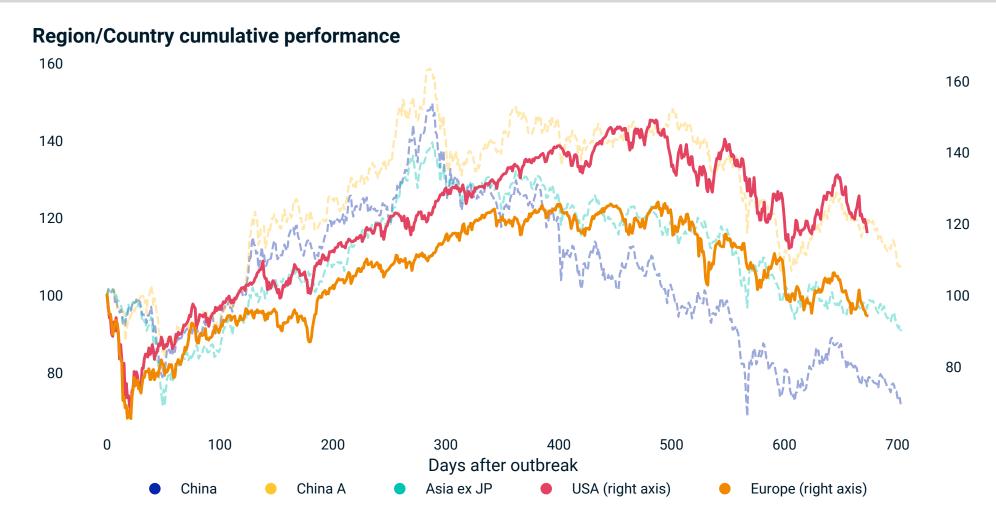
In this daily report, we compare how MSCI factors and industry groups indexes have performed relative to the benchmarks during these two waves of the COVID-19 pandemic commencing Jan. 10 and Feb. 21, 2020, with a focus on the markets below.\*

Region / Country	Benchmark Index Description
Asia ex JP	The <b>MSCI AC Asia ex Japan Index</b> reflects large- and mid-cap representation across two of three developed market countries (excluding Japan) and nine emerging market countries in Asia
China	The <b>MSCI China Index</b> reflects large- and mid-cap representation across China A shares, H shares, B shares, Red chips, P chips and foreign listings (e.g. ADRs)
China A	The MSCI China A Index measures large- and mid-cap representation of local listed China A shares
Europe	The MSCI Europe Index represents the performance of large- and mid-cap equities across 15 developed countries in Europe
USA	The MSCI USA Index is designed to measure the performance of the large- and mid-cap segments of US market

\*The data presented in this report are limited solely to the recent periods indicated. For information about historical data, please contact your MSCI representative. Past performance is no indication or guarantee of future performance. None of the information or analysis herein is intended to constitute investment advice or a recommendation to make (or refrain from making) any kind of investment decision or asset allocation and should not be relied on as such.



#### **Benchmark indexes**

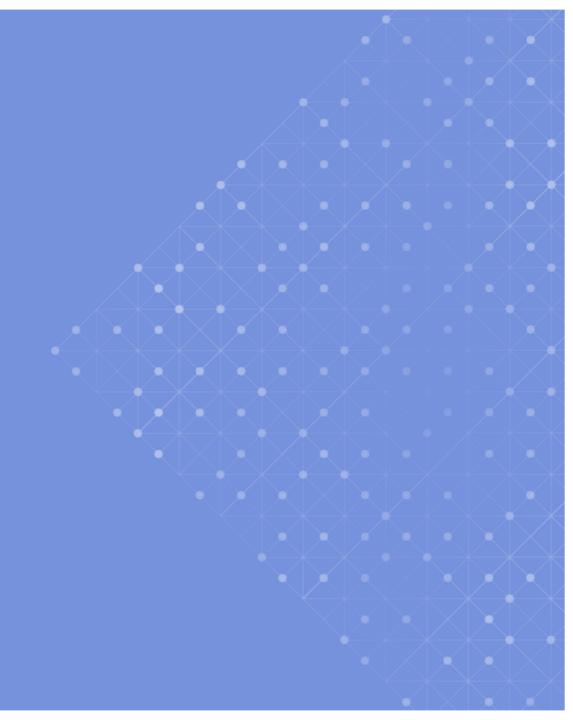


Day 0: Jan 10 for Asia and China, Feb 21 for Europe and USA

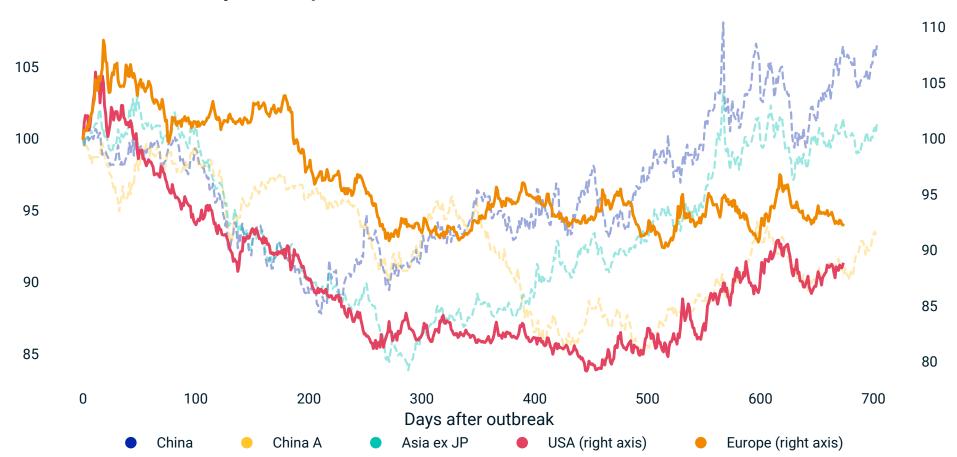




## **Factor indexes**



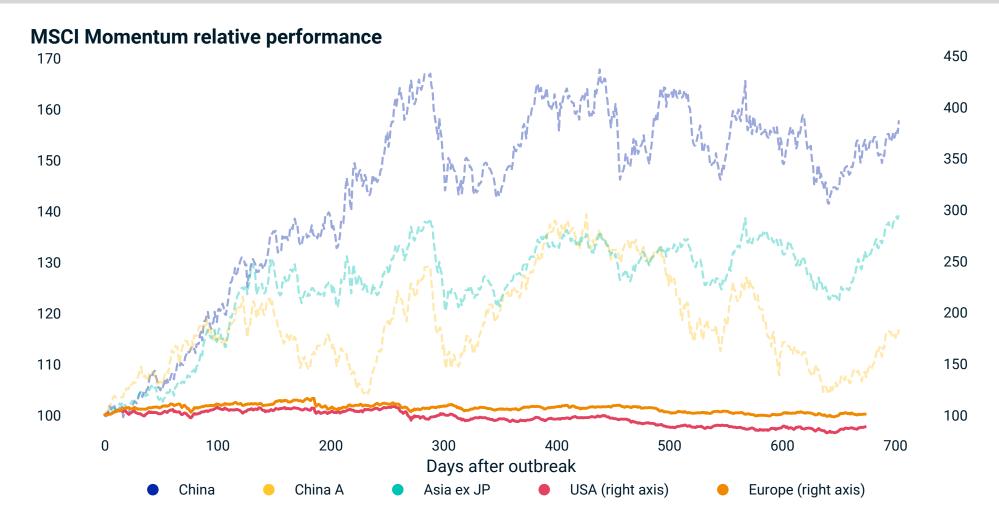
### **Factor indexes: Minimum Volatility**



MSCI Minimum Volatility relative performance

Day 0: Jan 10 for Asia and China, Feb 21 for Europe and USA

#### **Factor indexes: Momentum**



Day 0: Jan 10 for Asia and China, Feb 21 for Europe and USA

M SCI AC Asia ex Japan Index, MSCI USA Index, MSCI Europe Index MSCI AC Asia ex Japan Index, MSCI USA Index, MSCI Europe Index

#### **Factor indexes: Quality**

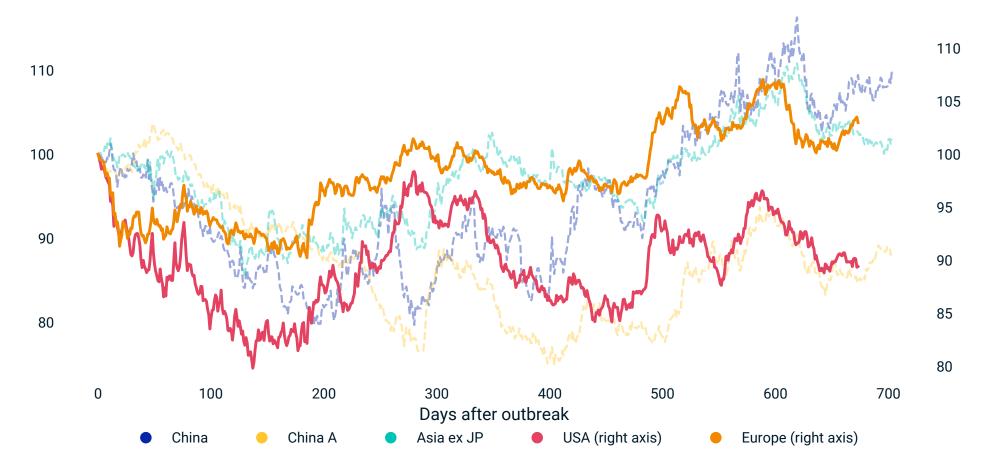
**MSCI Quality relative performance** Days after outbreak Europe (right axis) Asia ex JP USA (right axis) China China A 

Day 0: Jan 10 for Asia and China, Feb 21 for Europe and USA

M SCI Ac Asia ex Japan Index, MSCI USA Index, MSCI Europe Index

#### **Factor indexes: Enhanced Value**

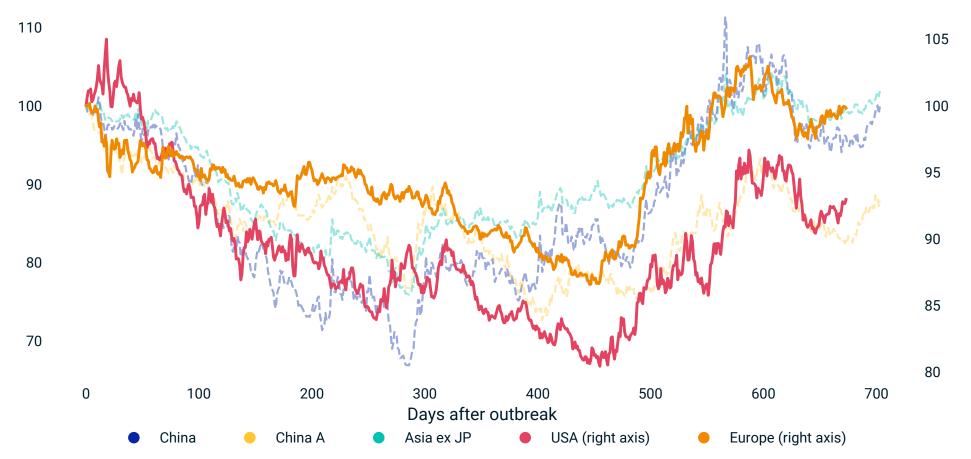




Day 0: Jan 10 for Asia and China, Feb 21 for Europe and USA

#### **Factor indexes: High Dividend Yield**





Day 0: Jan 10 for Asia and China, Feb 21 for Europe and USA

### Factor indexes: Low Size (Equal Weighted)



Day 0: Jan 10 for Asia and China, Feb 21 for Europe and USA

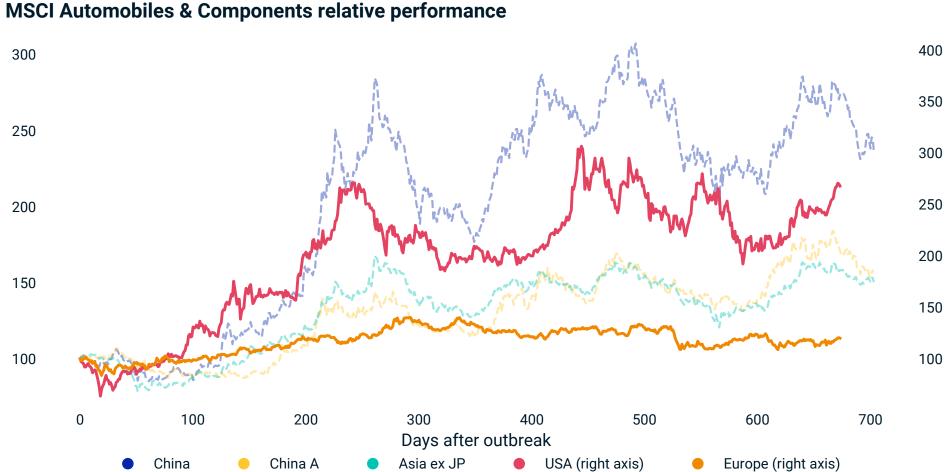
📭 grormance against benchmark: MSCI China Index, MSCI China A Index, MSCI AC Asia ex Japan Index, MSCI USA Index, MSCI Europe Index MS

A mid cap Equal Weighted Index used for China A; standard Equal Weighted indexes are used for other regions.



## Industry group indexes

#### **Industry Group: Automobiles & Components**



Day 0: Jan 10 for Asia and China, Feb 21 for Europe and USA

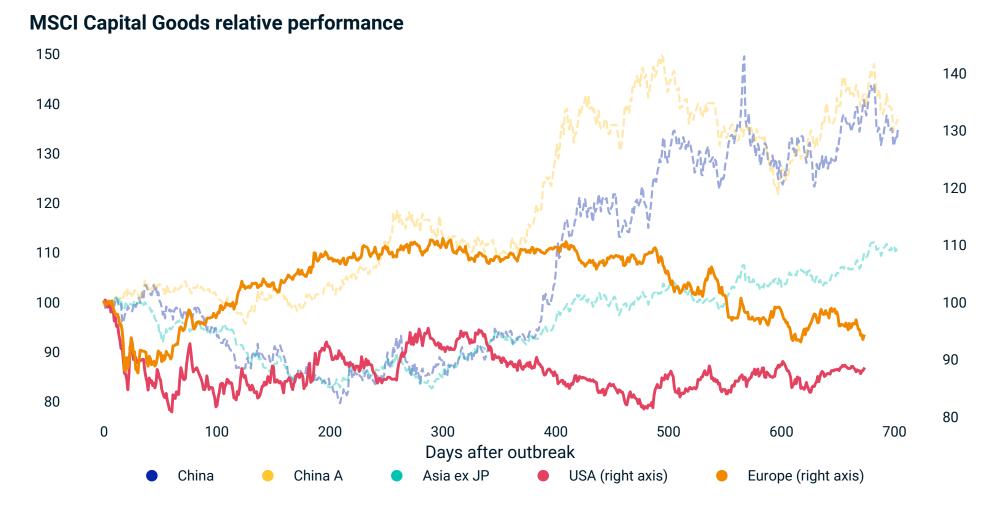
formance against benchmark: MSCI China Index, MSCI China A Index, MSCI AC Asia ex Japan Index, MSCI USA Index, MSCI Europe Index MS

#### **Industry Group: Banks**

MSCI Banks relative performance Days after outbreak Europe (right axis) Asia ex JP USA (right axis) China China A 

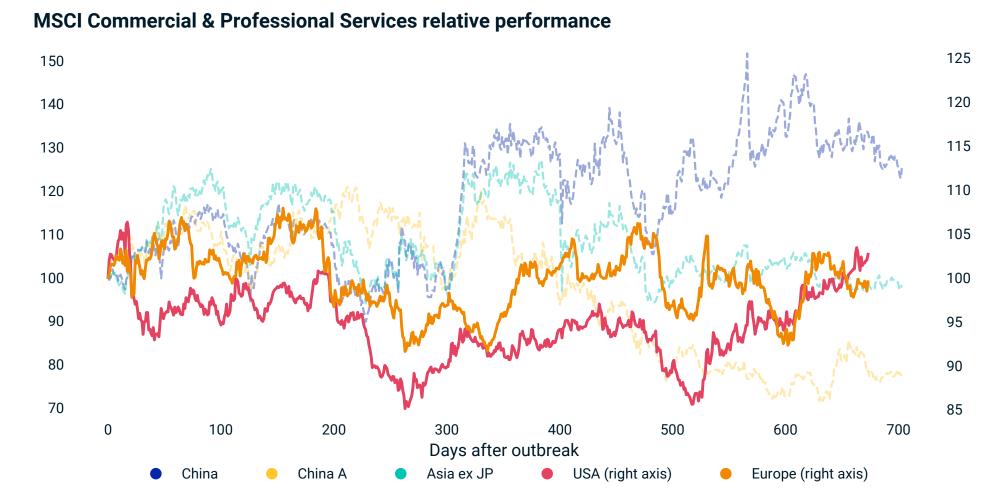
Day 0: Jan 10 for Asia and China, Feb 21 for Europe and USA

#### **Industry Group: Capital Goods**



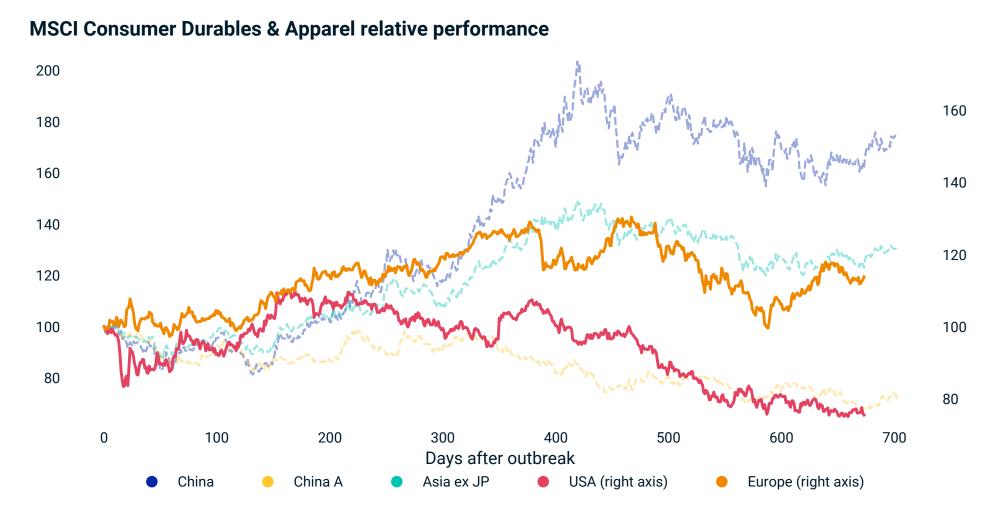
Day 0: Jan 10 for Asia and China, Feb 21 for Europe and USA

#### **Industry Group: Commercial & Professional Services**



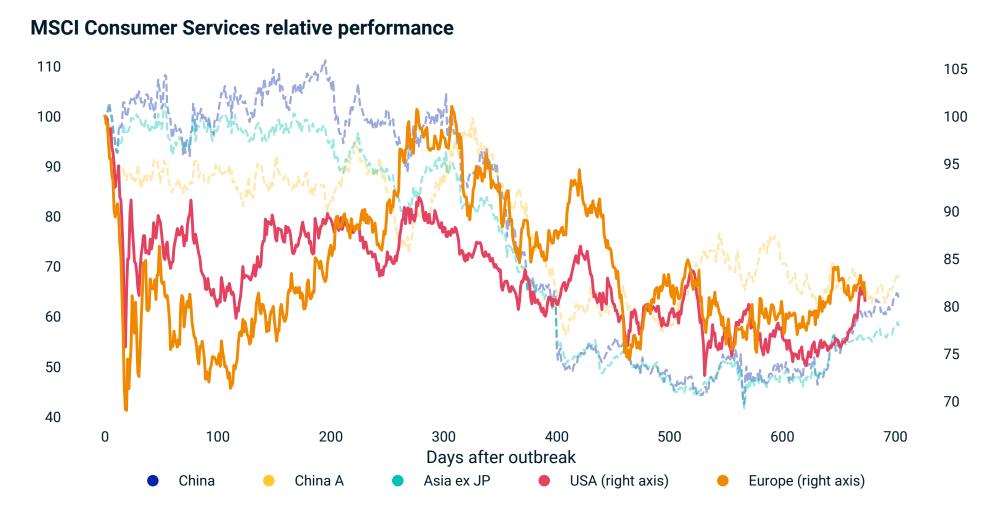
Day 0: Jan 10 for Asia and China, Feb 21 for Europe and USA

#### **Industry Group: Consumer Durables & Apparel**



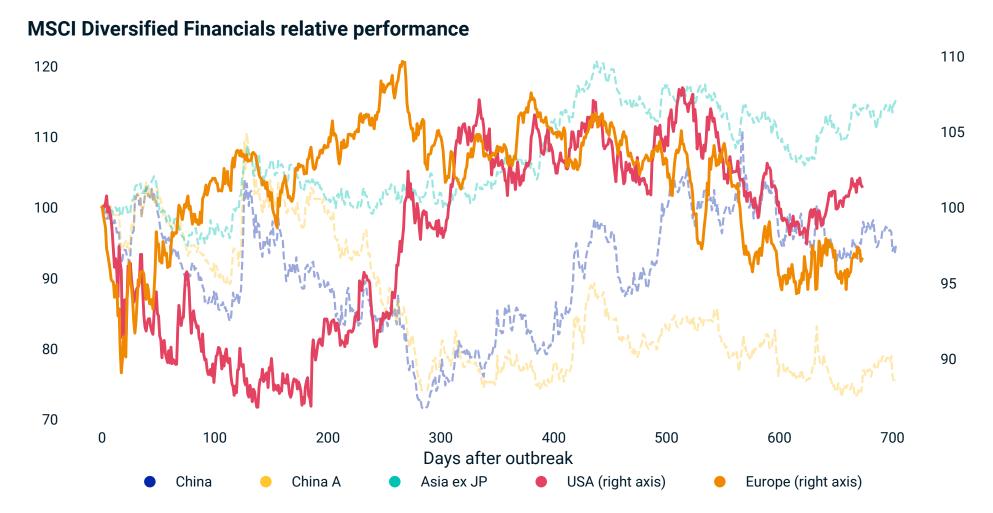
Day 0: Jan 10 for Asia and China, Feb 21 for Europe and USA

#### **Industry Group: Consumer Services**



Day 0: Jan 10 for Asia and China, Feb 21 for Europe and USA

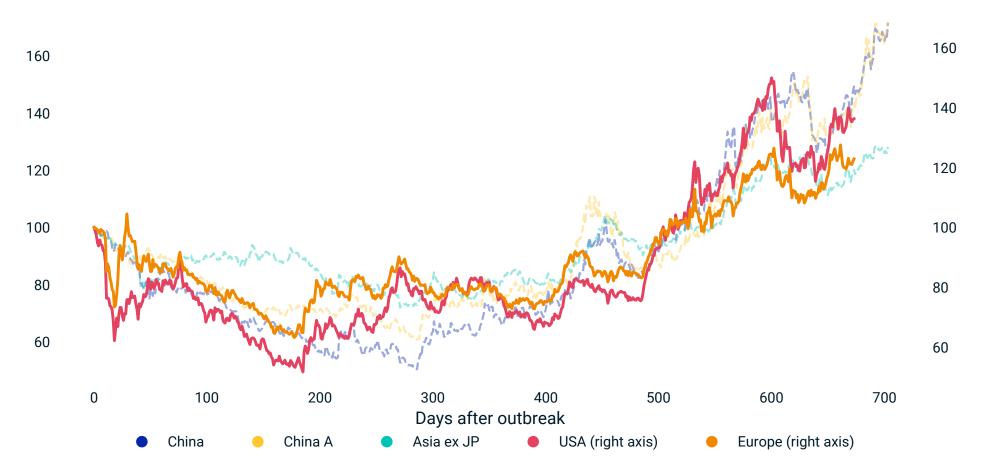
### **Industry Group: Diversified Financials**



Day 0: Jan 10 for Asia and China, Feb 21 for Europe and USA

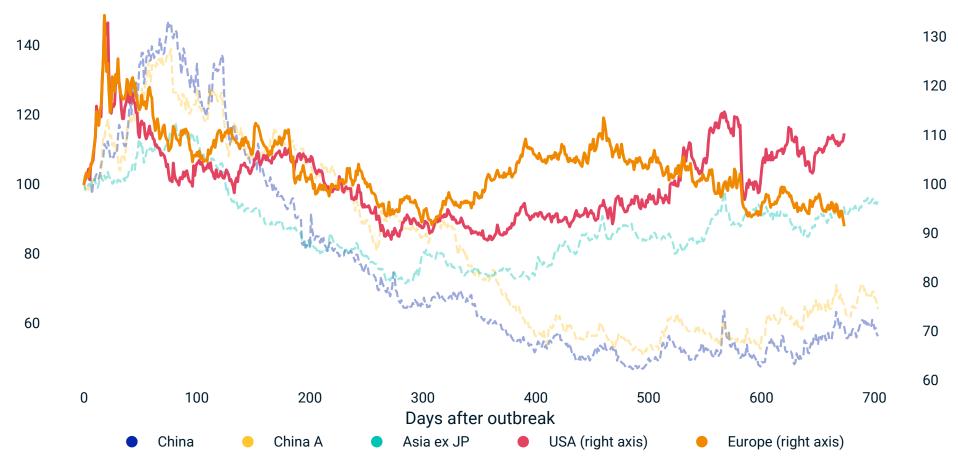
### **Industry Group: Energy**

**MSCI Energy relative performance** 



Day 0: Jan 10 for Asia and China, Feb 21 for Europe and USA

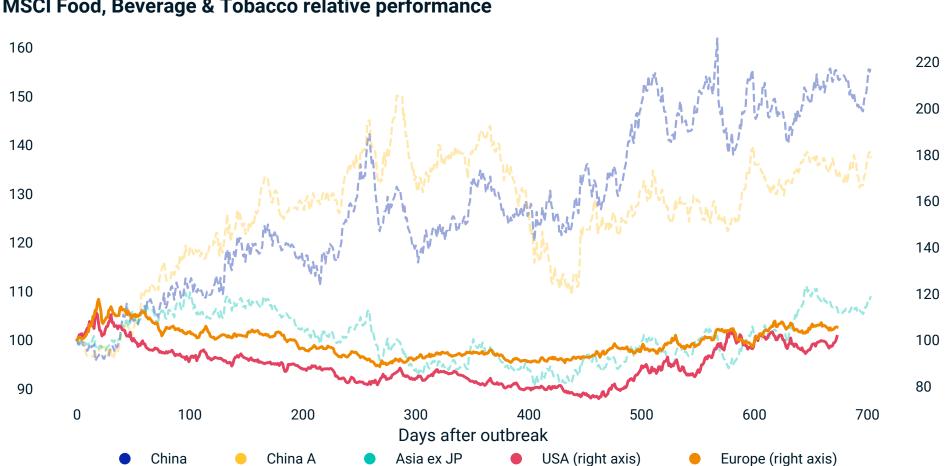
### **Industry Group: Food & Staples Retailing**



MSCI Food & Staples Retailing relative performance

Day 0: Jan 10 for Asia and China, Feb 21 for Europe and USA

#### Industry Group: Food, Beverage & Tobacco

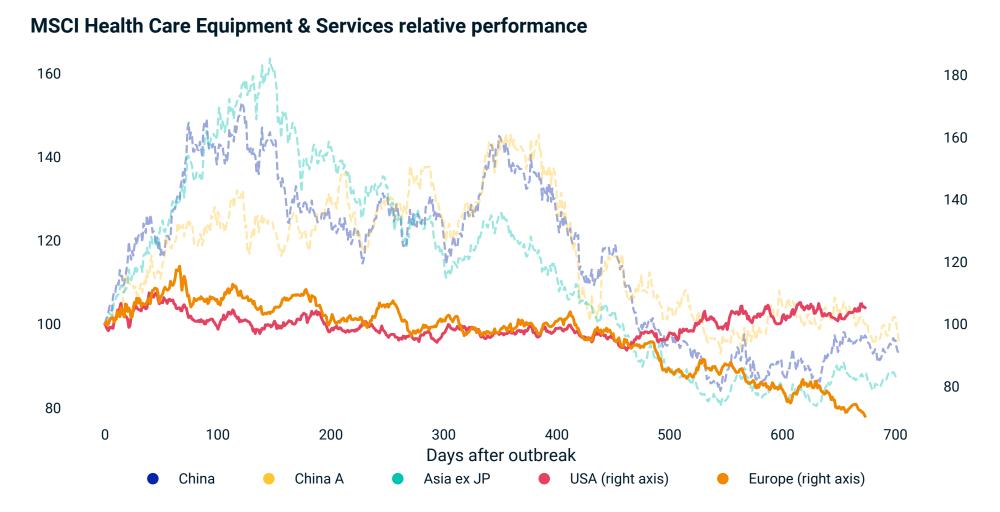


MSCI Food, Beverage & Tobacco relative performance

Day 0: Jan 10 for Asia and China, Feb 21 for Europe and USA

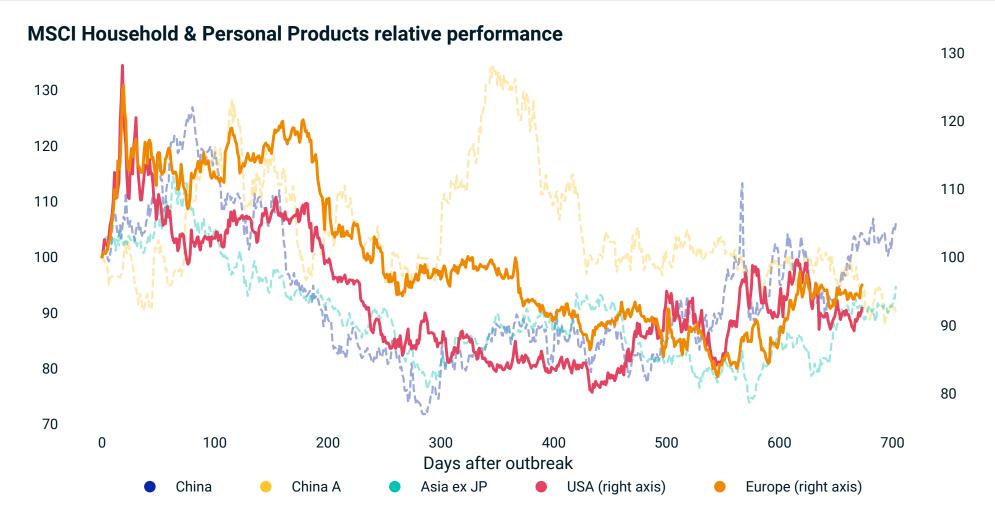
formance against benchmark: MSCI China Index, MSCI China A Index, MSCI AC Asia ex Japan Index, MSCI USA Index, MSCI Europe Index MS

#### **Industry Group: Health Care Equipment & Services**



Day 0: Jan 10 for Asia and China, Feb 21 for Europe and USA

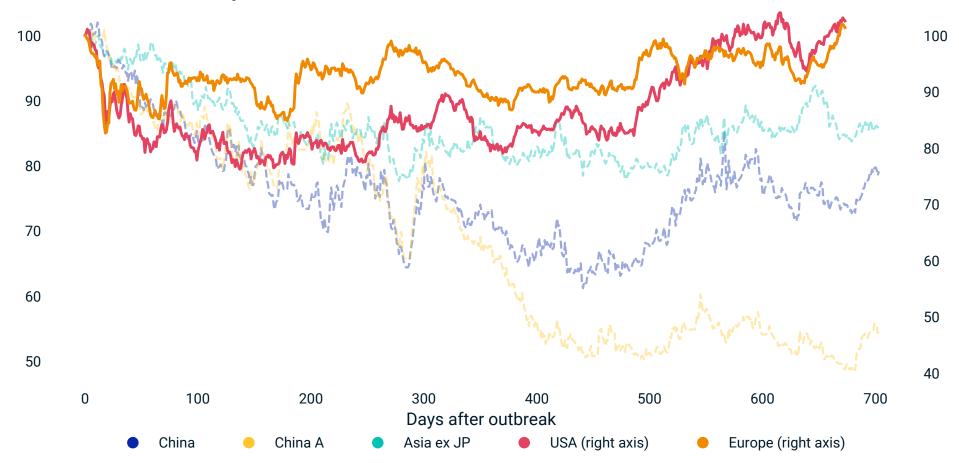
#### **Industry Group: Household & Personal Products**



Day 0: Jan 10 for Asia and China, Feb 21 for Europe and USA

#### **Industry Group: Insurance**

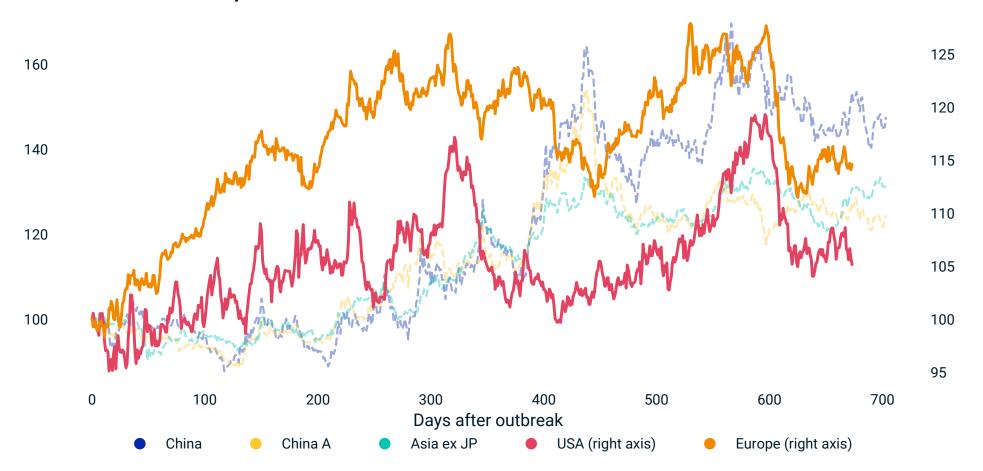
#### **MSCI Insurance relative performance**



Day 0: Jan 10 for Asia and China, Feb 21 for Europe and USA

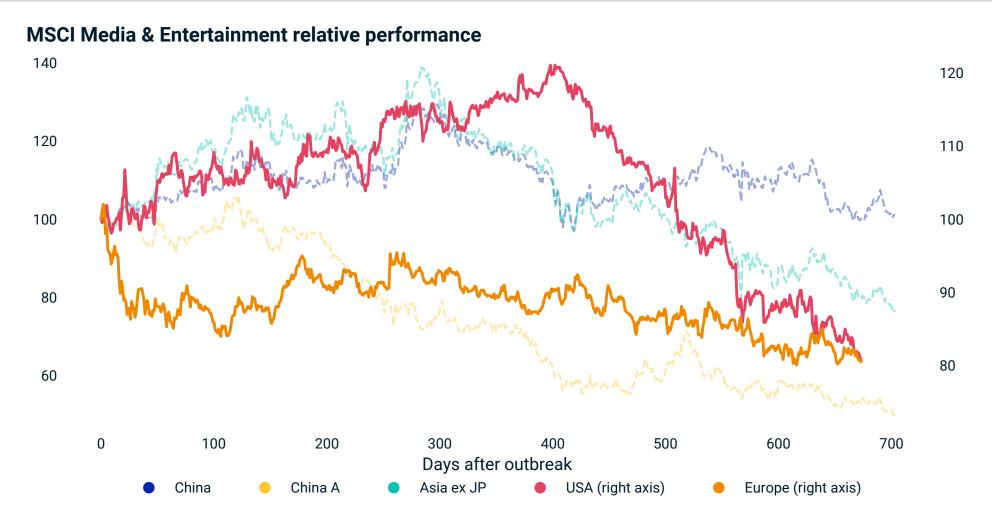
#### **Industry Group: Materials**

**MSCI Materials relative performance** 



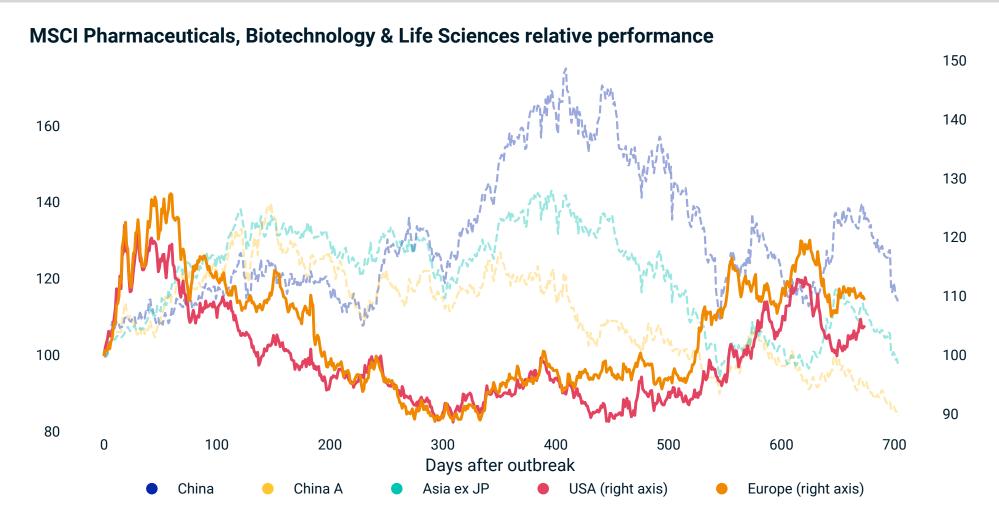
Day 0: Jan 10 for Asia and China, Feb 21 for Europe and USA

#### **Industry Group: Media & Entertainment**



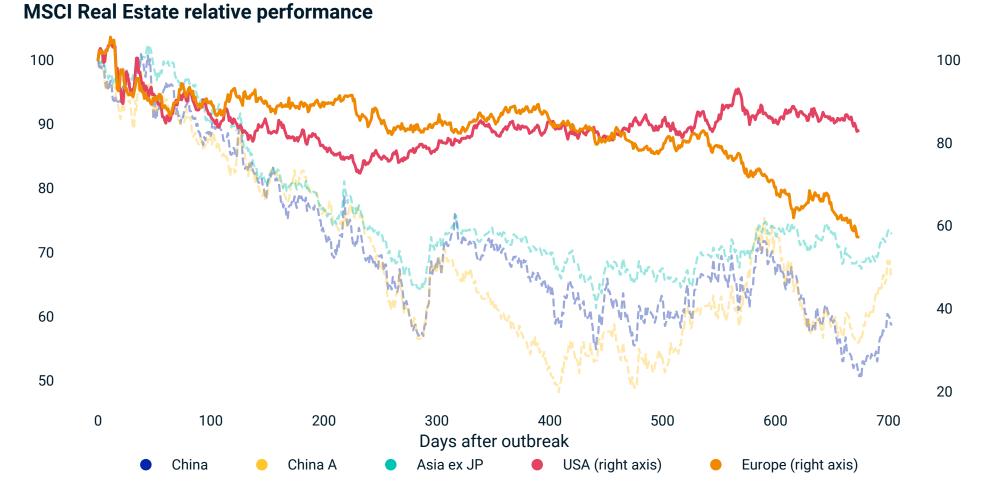
Day 0: Jan 10 for Asia and China, Feb 21 for Europe and USA

#### Industry Group: Pharm, Biotech & Life Sciences



Day 0: Jan 10 for Asia and China, Feb 21 for Europe and USA

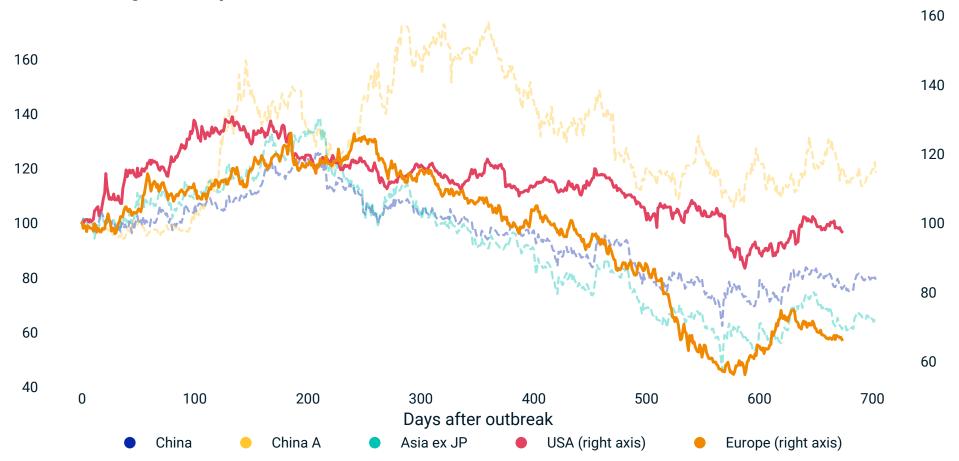
#### **Industry Group: Real Estate**



Day 0: Jan 10 for Asia and China, Feb 21 for Europe and USA

#### **Industry Group: Retailing**

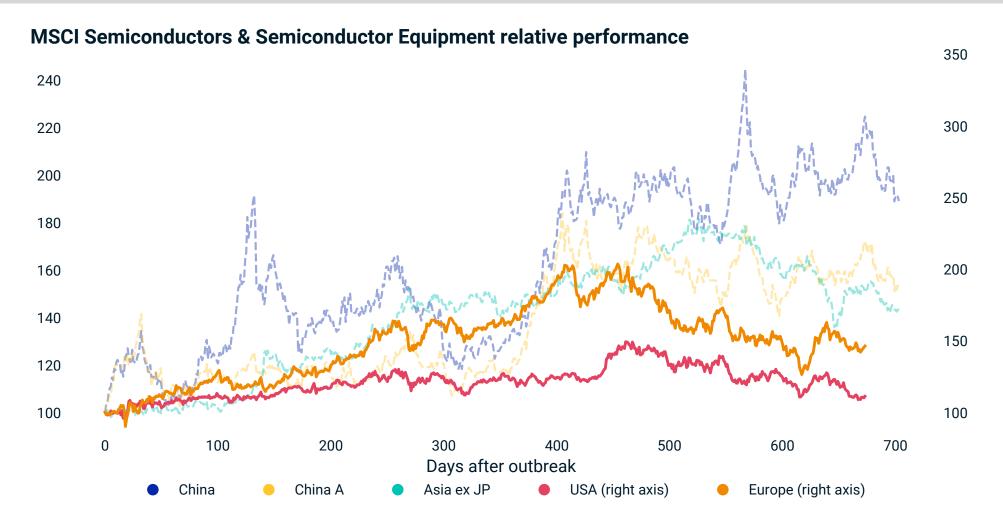
MSCI Retailing relative performance



Day 0: Jan 10 for Asia and China, Feb 21 for Europe and USA

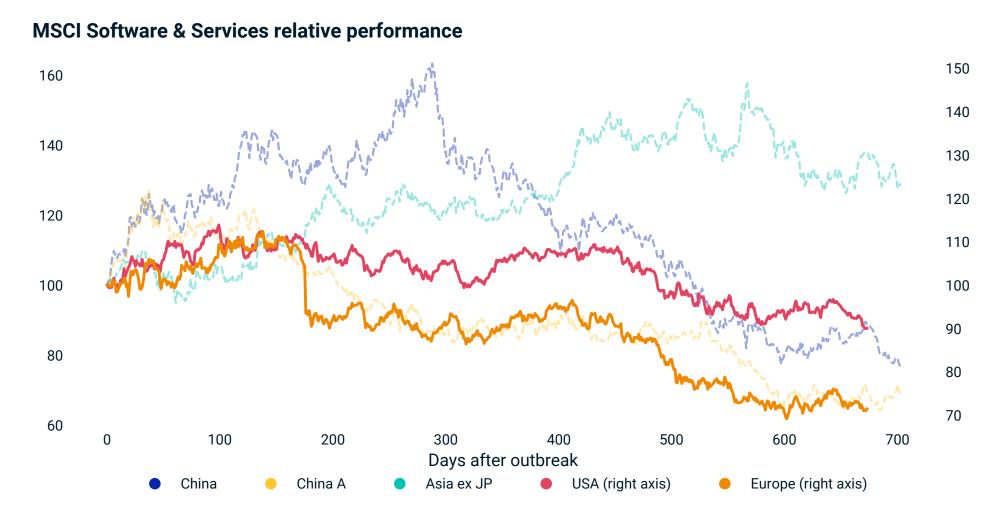
M SCI Ac Asia ex Japan Index, MSCI USA Index, MSCI Europe Index MSCI Ac Asia ex Japan Index, MSCI USA Index, MSCI Europe Index

#### Industry Group: Semi. & Semi. Equipment



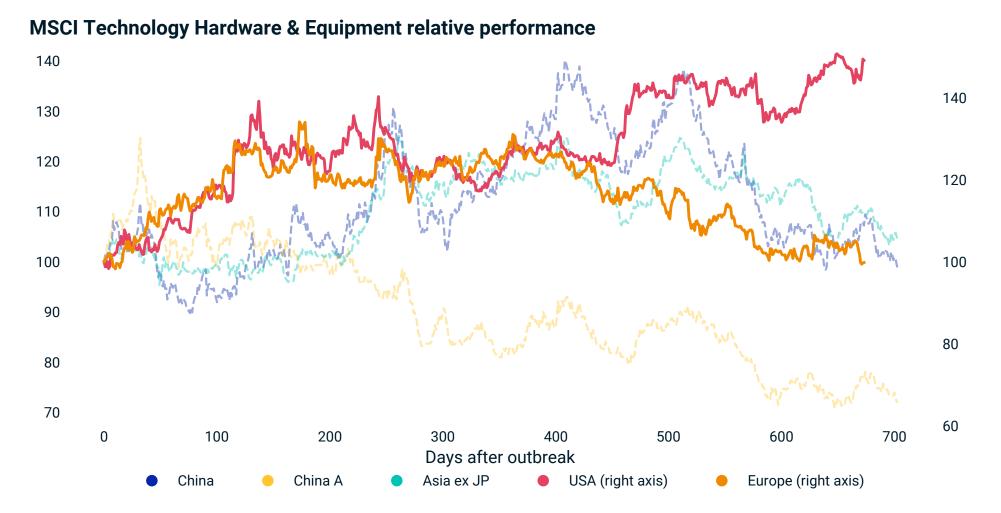
Day 0: Jan 10 for Asia and China, Feb 21 for Europe and USA

#### **Industry Group: Software & Services**



Day 0: Jan 10 for Asia and China, Feb 21 for Europe and USA

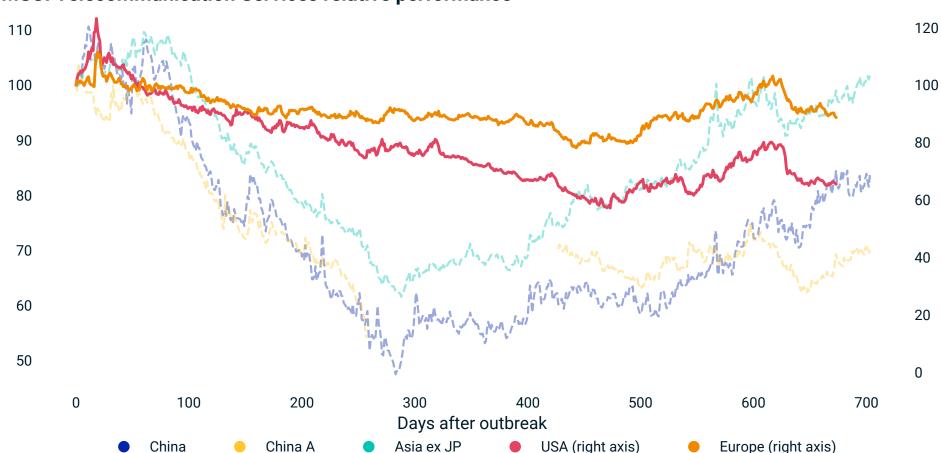
#### Industry Group: Technology Hardware & Equipment



Day 0: Jan 10 for Asia and China, Feb 21 for Europe and USA

MSCI AC Asia ex Japan Index, MSCI USA Index, MSCI Europe Index MSCI AC Asia ex Japan Index, MSCI USA Index, MSCI Europe Index

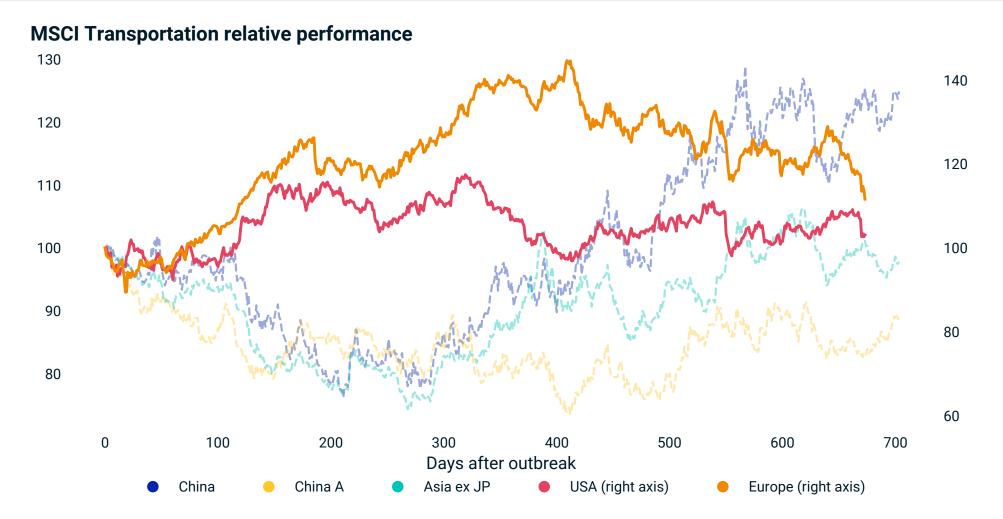
#### **Industry Group: Telecommunication Services**



**MSCI Telecommunication Services relative performance** 

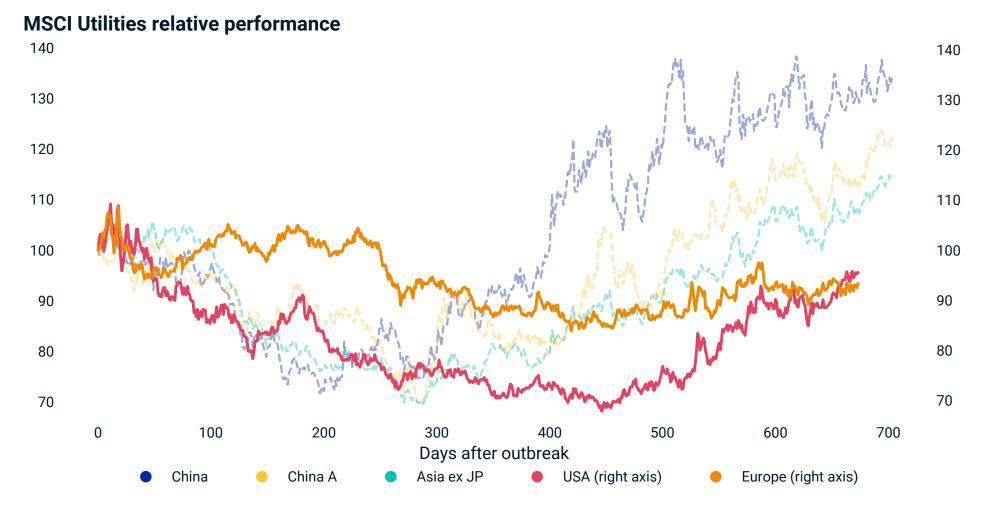
Day 0: Jan 10 for Asia and China, Feb 21 for Europe and USA

#### **Industry Group: Transportation**



Day 0: Jan 10 for Asia and China, Feb 21 for Europe and USA

#### **Industry Group: Utilities**



Day 0: Jan 10 for Asia and China, Feb 21 for Europe and USA

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