



# Materials Active Greater China Fund Ownership Report 7/31/2022

In this data report, we analyse Materials holdings among active Greater China Funds. For benchmark comparisons, we use the SPDR FTSE Greater China ETF, proportionally adjusted to remove any cash holdings. The current fund sample spans 45 active funds with a combined AUM of \$17.72Bn.

We analyse the latest published filings for all funds and aggregate together as of 7/31/2022. We show the most recent snapshot in positioning, time series data going back to 7/31/2011 and recent allocation shifts by the managers in our analysis.

All Cash Flow calculations are on a best estimates basis. We use monthly position changes and month end prices to estimate the net buying and selling value for each stock within each fund in our analysis.



### Peer Group and Time-Series Ownership Data



Chart 1. The equally weighted average fund weight, among active Greater China managers by Sector Chart 2. The time series of average fund weight for Materials stocks

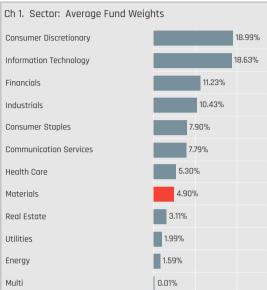




Chart 3. The average fund weight minus the weight in the SPDR FTSE Greater China ETF, by Sector. A positive value represents an 'overweight' position on average, a negative value represents an 'underweight'.

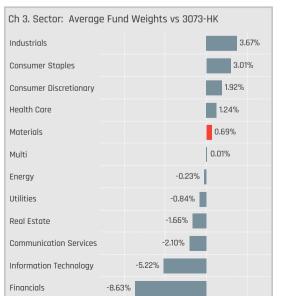
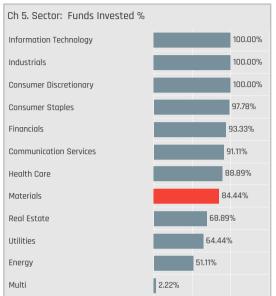


Chart 4. The time series of average fund weight minus benchmark for Materials stocks



Chart 5. The 'Funds Invested %' measures the percentage of active Greater China funds with exposure to each Sector. A figure of 100% means that every fund in our analysis has some exposure to that Sector Chart 6. The time series of funds invested % for Materials stocks



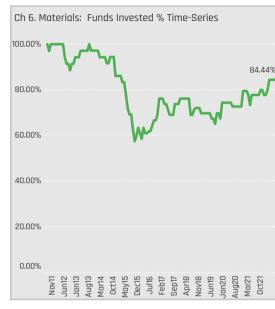
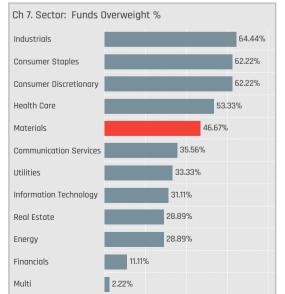
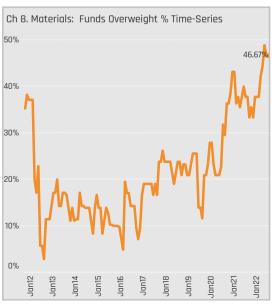


Chart 7. The percentage of active Greater China funds who are overweight the SPDR FTSE Greater China ETF weight, by Sector Chart 8. The time series of Funds Overweight % for Materials stocks





### Fund Holdings



Chart 1. The distribution of Materials weights among the 45 active Greater China funds in our analysis, broken down by fund Style. Chart 2. The largest 30 Materials holders in our analysis, on a portfolio weight basis.

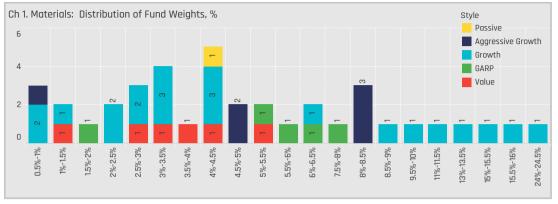
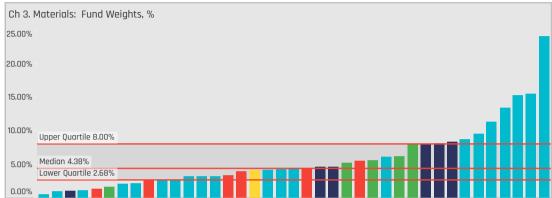
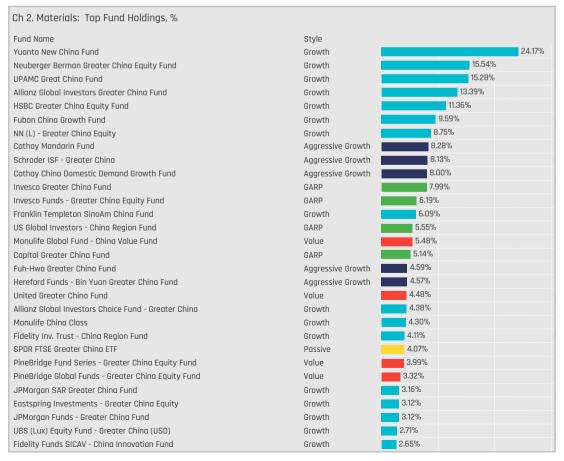
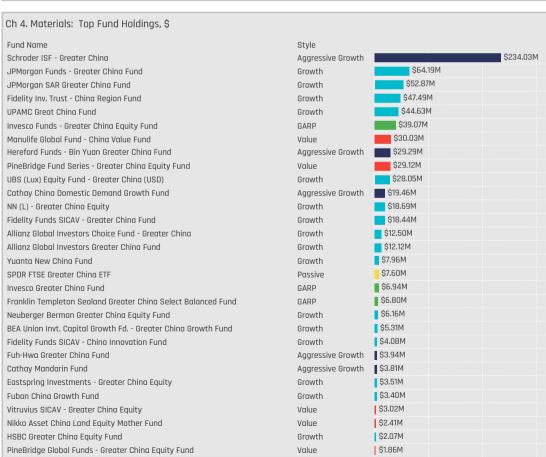


Chart 3. The individual Materials fund weights funds in our analysis, ranked by allocation size with Median and Quartiles. Chart 4. The largest 30 Materials holders in our analysis, on an \$ AUM basis.







### Aggregate Ownership Changes



7/31/2022.

Chart 1. Measures the largest changes in average Sector weight between 1/31/2022 and Chart 3. Measures the largest changes in the percentage of funds invested in each Sector between 1/31/2022 and 7/31/2022.

Chart 5. Shows the cumulative fund flows for Materials stocks among the 45 active Greater China funds in our analysis. Monthly fund flows are estimated by multiplying the monthly change in stock position by the stock price for every position in every fund in our analysis.

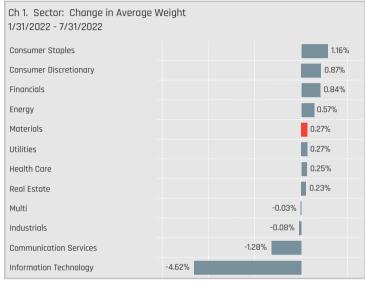


Chart 2. Measures the largest changes in the average Sector weight vs 3073-HK between 1/31/2022 and 7/31/2022. An increasing figure would indicate an increasing overweight or decreasing underweight.

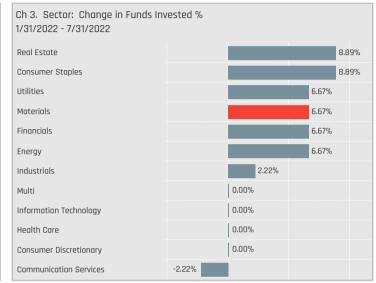
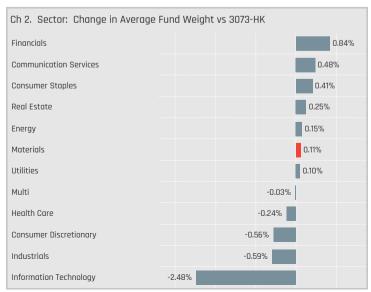
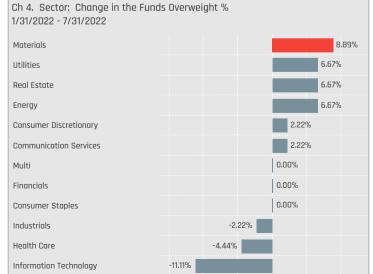


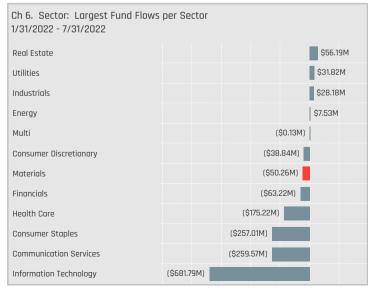
Chart 4. Measures the largest changes in the percentage of funds overweight each Sector compared to the SPDR FTSE Greater China ETF between 1/31/2022 and 7/31/2022. An increasing figure would indicate more funds are positioning themselves overweight over the period.



Chart 6. Measures the largest estimated fund flows for each Sector between 1/31/2022 and 7/31/2022.







## Fund Holding Changes



Chart 1. The largest fund weight increases in Materials stocks between 1/31/2022 - 7/31/2022.

Chart 2. The largest fund weight decreases in Materials stocks between 1/31/2022 - 7/31/2022

Both charts show the current weight and whether the weight change represented a new or closed position.

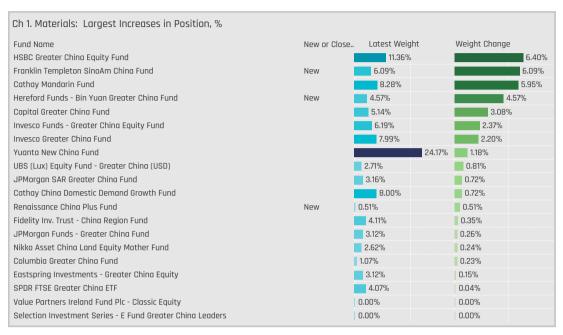


Chart 3. The largest buyers in US dollar terms in Materials stocks between 1/31/2022 - 7/31/2022. Chart 4. The largest sellers in US dollar terms in Materials stocks between 1/31/2022 - 7/31/2022 Both charts show the current AUM and whether the fund flow represented a new or closed position.

Fund Name	New or Close	Latest AUM,	\$	Fund Flov	vs, \$
Hereford Funds - Bin Yuan Greater China Fund	New	\$	29.29M		\$31.11M
UBS (Lux) Equity Fund - Greater China (USD)		\$2	8.05M	\$12.50M	
Cathay Mandarin Fund		\$3.81M		\$3.30M	
Invesco Greater China Fund		\$6.94M		\$2.90M	
SPDR FTSE Greater China ETF		\$7.60M		\$1.93M	
Invesco Funds - Greater China Equity Fund			\$39.07M	\$1.69M	
HSBC Greater China Equity Fund		\$2.07M		\$1.45M	
Franklin Templeton SinoAm China Fund	New	\$1.12M		\$1.09M	
Columbia Greater China Fund		\$1.39M		\$0.63M	
Yuanta New China Fund		\$7.96M		\$0.43M	
Capital Greater China Fund		\$0.51M		\$0.41M	
Renaissance China Plus Fund	New	\$0.14M		\$0.20M	
Vitruvius SICAV - Greater China Equity		\$3.02M		\$0.00M	
United Greater China Fund		\$1.51M		\$0.00M	
PineBridge Global Funds - Greater China Equity Fund		\$1.86M		\$0.00M	
PineBridge Fund Series - Greater China Equity Fund		\$	29.12M	\$0.00M	
Nikko Asset China Land Equity Mother Fund		\$2.41M		\$0.00M	
Eastspring Investments - Greater China Equity		\$3.51M		\$0.00M	
BMO Greater China Class		\$0.61M		\$0.00M	
BEA Union Invt. Capital Growth Fd Greater China Growth Fund		\$5.31M		\$0.00M	

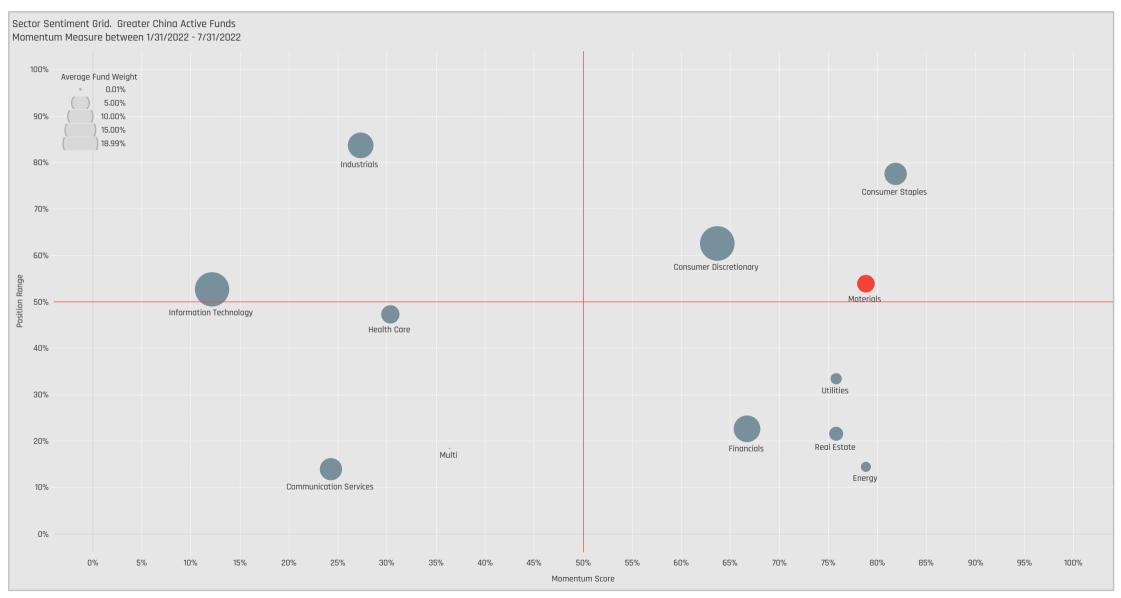
und Name	New or Close Latest Weight	Weight Change
IPAMC Great China Fund	15.	28% -3.92%
leuberger Berman Greater China Equity Fund	15	.54% -3.63%
ubon China Growth Fund	9.59%	-2.98%
Manulife China Class	4.30%	-2.63%
llianz Global Investors Greater China Fund	13.39	% -2.22%
uh-Hwa Greater China Fund	4.59%	-1.28%
Vasatch Greater China Fund	0.99%	-1.23%
IS Global Investors - China Region Fund	5.55%	-0.89%
idelity Funds SICAV - China Innovation Fund	2.65%	-0.81%
nited Greater China Fund	4.48%	-0.71%
idelity Funds SICAV - Greater China Fund	2.08%	-0.70%
ineBridge Global Funds - Greater China Equity Fund	3.32%	-0.69%
IN (L) - Greater China Equity	8.75%	-0.53%
ineBridge Fund Series - Greater China Equity Fund	3.99%	-0.42%
llianz Global Investors Choice Fund - Greater China	4.38%	-0.35%
chroder ISF - Greater China	8.13%	-0.34%
Ianulife Global Fund - China Value Fund	5.48%	-0.18%
itruvius SICAV - Greater China Equity	1.29%	-0.09%
MO Greater China Class	0.87%	-0.07%
EA Union Invt. Capital Growth Fd Greater China Growth Fund	2.09%	-0.06%

Fund Name	New or Close	Latest AUM, \$	Fund F	lows, \$
Schroder ISF - Greater China		\$234.03M	(\$58.93M)	
Cathay China Domestic Demand Growth Fund		\$19.46M		(\$9.17M)
Fidelity Funds SICAV - Greater China Fund		\$18.44M		(\$9.17M)
UPAMC Great China Fund		\$44.63M		(\$7.55M)
NN (L) - Greater China Equity		\$18.69M		(\$3.60M)
Allianz Global Investors Greater China Fund		\$12.12M		(\$3.51M)
JPMorgan SAR Greater China Fund		\$52.87M		(\$3.31M)
Fuh-Hwa Greater China Fund		\$3.94M		(\$2.13M)
Fubon China Growth Fund		\$3.40M		(\$2.10M)
JPMorgan Funds - Greater China Fund		\$64.19M		(\$1.93M)
Neuberger Berman Greater China Equity Fund		\$6.16M		(\$1.63M)
Allianz Global Investors Choice Fund - Greater China		\$12.50M		(\$1.23M)
Fidelity Funds SICAV - China Innovation Fund		\$4.08M		(\$1.07M)
Fidelity Inv. Trust - China Region Fund		\$47.49M		(\$0.92M)
Manulife China Class		\$0.75M		(\$0.88M)
Manulife Global Fund - China Value Fund		\$30.03M		(\$0.52M)
US Global Investors - China Region Fund		\$0.38M		(\$0.13M)
Wasatch Greater China Fund		\$0.07M		(\$0.11M)
Franklin Templeton Sealand Greater China Select Balanced Fund		\$6.80M		\$0.00M

### Sector Sentiment Grid



Sentiment Grid: We combine the latest Sector positioning, long-term positioning and short-term fund activity in the 'Sentiment Grid', below. The Y-Axis measures where today's ownership levels in each Sector sit relative to the long-term range. We calculate the Z-Score of today's average weight, funds invested % and funds o/w % relative to all monthly observations in our fund history (going back to 7/31/2011). A figure close to 100% would indicate today's positioning is close to its maximum ever level, a figure close to zero, the lowest. The X-axis provides a measure of short-term fund activity, or 'Momentum', by looking at the changes in average weight, funds invested % and funds o/w % between 1/31/2022 and 7/31/2022, relative to each Sector. A figure above 50% means a Sector has seen relative increases in ownership, a figure below 50% indicates a relative decrease in positioning. The size of the bubble represents the average weight of each Sector.



Position Range: Average of:

Z-Score Average Weight vs history
Z-Score Funds Invested % vs history

Z-Score Funds O/W % vs history

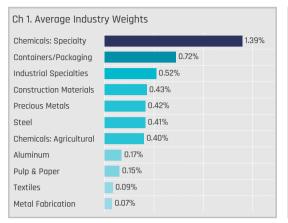
Momentum Score: Average of: Change in Average Weight (Percentile vs Peers) Change in Funds Invested % (Percentile vs Peers) Change in Funds O/W % (Percentile vs Peers)

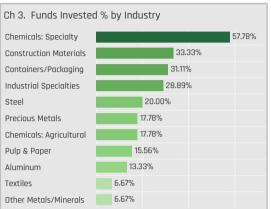
# Aggregate Industry Ownership

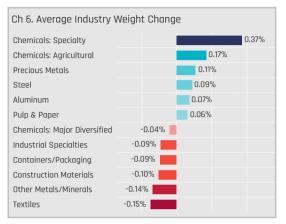


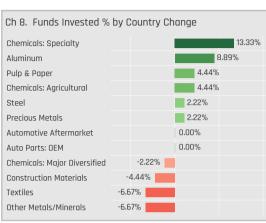
Chart 1-5. Materials: Key ownership statistics by Industry. As of **7/31/2022** 

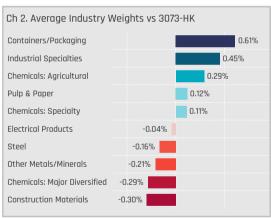


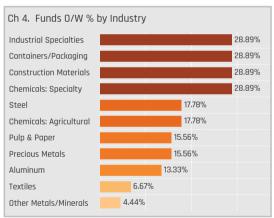


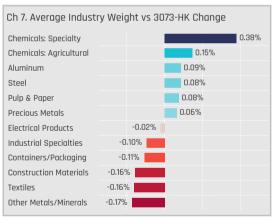


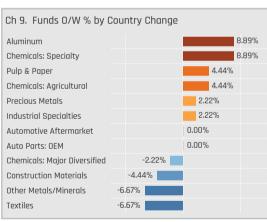


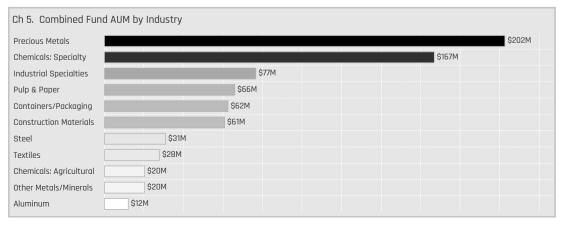


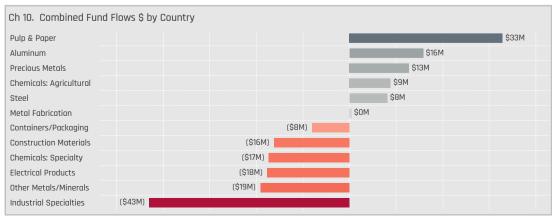












Capital Greater China Fund

United Greater China Fund

UPAMC Great China Fund

Allianz Global Investors Choice Fund - Greater China

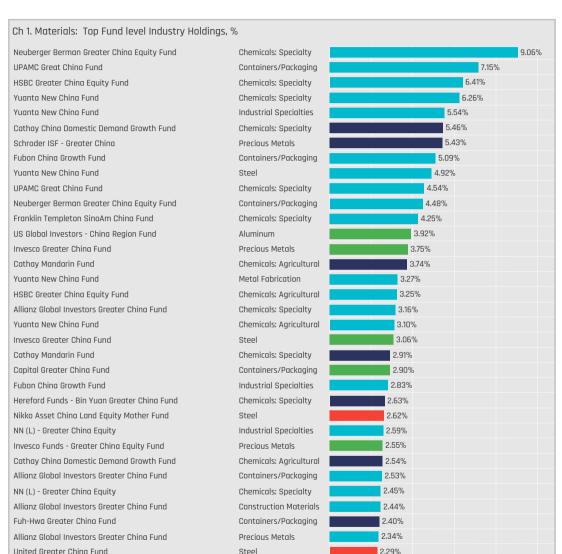
Eastspring Investments - Greater China Equity

Neuberger Berman Greater China Equity Fund

### Fund Level Industry Holdings



Chart 1. Materials: The largest individual fund level Industry holdings by fund weight, coloured by fund Style,



Chemicals: Agricultural

Chemicals: Specialty

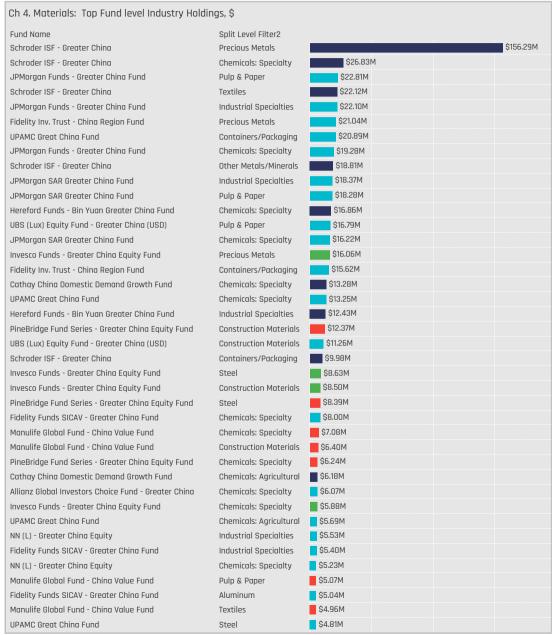
Containers/Packaaina

**Construction Materials** 

Chemicals: Agricultural

Textiles

Chart 2. Materials: The largest individual fund level Industry holdings by \$ AUM. coloured by fund Style.



2.24%

2.18%

2.12%

2.05%

2.00%

1.95%

### Fund Level Industry Changes



Chart 1. The largest Industry level weight increases in Materials between 1/31/2022 - 7/31/2022.

Chart 2. The largest Industry level weight decreases in Materials between 1/31/2022 - 7/31/2022.

Both charts show the current weight and whether the weight change represented a new or closed position.

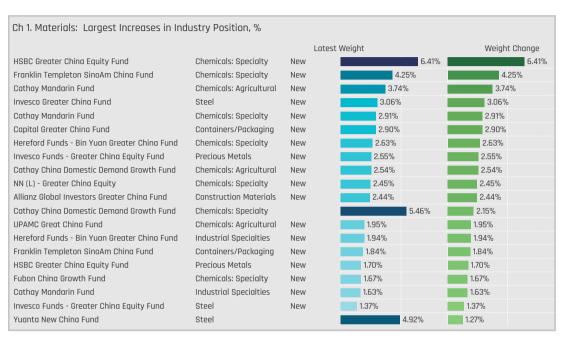
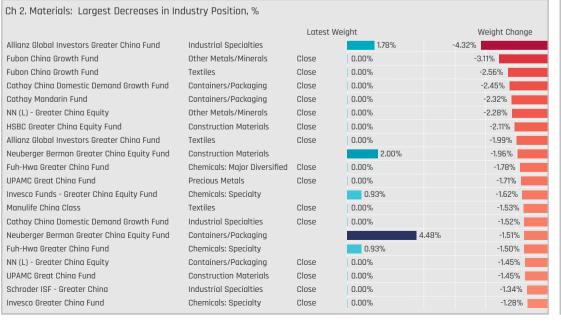


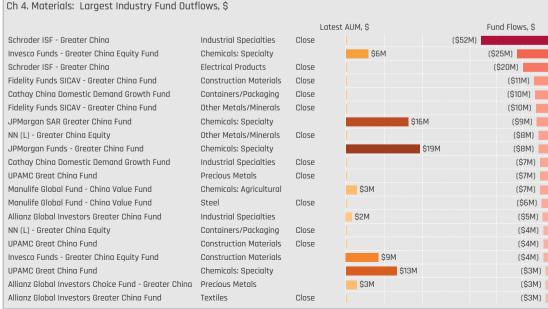
Chart 3. The largest Industry level fund inflows in Materials between 1/31/2022 - 7/31/2022.

Chart 4. The largest Industry level fund outflows in Materials between 1/31/2022 - 7/31/2022.

Both charts show the current AUM and whether the fund flow represented a new or closed position.



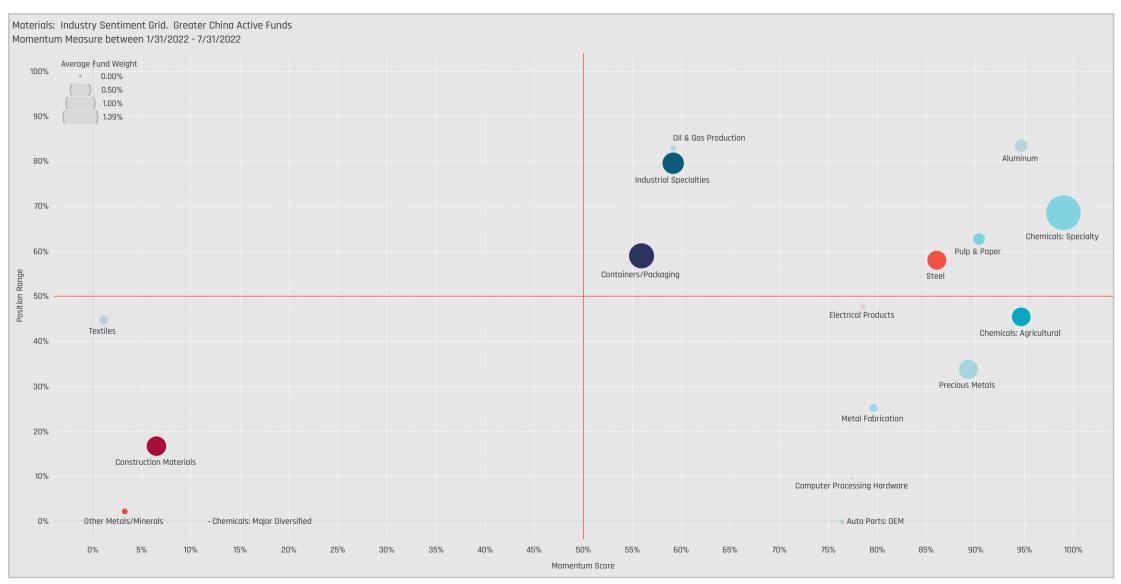




### Industry Sentiment Grid



Sentiment Grid: Materials. We combine the latest Industry positioning, long-term positioning and short-term fund activity in the 'Sentiment Grid', below. The Y-Axis measures where today's ownership levels in each Industry sit relative to the long-term range. We calculate the Z-Score of today's average weight, funds invested % and funds o/w % relative to all monthly observations in our fund history (going back to 7/31/2011). A figure close to 100% would indicate today's positioning is close to its maximum ever level, a figure close to zero, the lowest. The X-axis provides a measure of short-term fund activity, or 'Momentum', by looking at the changes in average weight, funds invested % and funds o/w % between 1/31/2022 and 7/31/2022, relative to each Industry. A figure above 50% means a Industry has seen relative increases in ownership, a figure below 50% indicates a relative decrease in positioning. The size of the bubble represents the average weight of each Industry. The colour represents if the Industry is held overweight (blue) or underweight (red) on average.



Position Range: Average of:

Z-Score Average Weight vs history

Z-Score Funds Invested % vs history

Z-Score Funds O/W % vs history

Momentum Score: Average of: Change in Average Weight (Percentile vs Peers) Change in Funds Invested % (Percentile vs Peers) Change in Funds O/W % (Percentile vs Peers)

# Aggregate Stock Holdings



Chart 1. The largest 10 stock holdings in Materials, by Average Weight. The chart also shows the average weight as a percentage of the total Materials weight, and the cumulative total.

Chart 2. Shows aggregate stock holdings data for Materials stocks, ranked by Funds Invested % (most widely held).



Chart 3. Top 5 overweight and underweight Materials stock positions / as a percentage of the total Materials weight relative to benchmark.

Charts 4&5. The largest overweight and underweight stock holdings, plus associated aggregate holdings data.

Ch 4. Materials: Aggregate Stock Holdings Data, Largest Overweight Holdings



Ticker	Stock Name	Funds Invested %	Average Weight	Vs Benchmark	Fund AUM,
002812-CN	Yunnan Energy New Material Co., Ltd. Class A	24.44%	0.66%	0.61%	\$44.501
002271-CN	Beijing Oriental Yuhong Waterproof Technol	17.78%	0.35%	0.35%	\$33.331
600309-CN	Wanhua Chemical Group Co. Ltd. Class A	15.56%	0.38%	0.29%	\$59.141
914-HK	Anhui Conch Cement Company Limited Clas	13.33%	0.17%	0.04%	\$33.591
600019-CN	Baoshan Iron & Steel Co., Ltd. Class A	13.33%	0.23%	0.19%	\$21.601
3323-HK	China National Building Material Co. Ltd. Cla	13.33%	0.16%	0.03%	\$12.461
2899-HK	Zijin Mining Group Co., Ltd. Class H	13.33%	0.31%	0.12%	\$114.47
BZ-US	Boise Inc.	11.11%	0.12%	0.12%	\$63.091
603737-CN	SKSHU Paint Co., Ltd. Class A	11.11%	0.14%	0.13%	\$41.981
600803-CN	ENN Ecological Holdings Co., LTD. Class A	11.11%	0.27%	0.24%	\$12.06
1772-HK	Ganfeng Lithium Co., Ltd. Class H	11.11%	0.10%	0.04%	\$15.591
1301-TW	Formosa Plastics Corporation	11.11%	0.13%	-0.29%	\$20.691
300285-CN	Shandong Sinocera Functional Material Co.,	8.89%	0.09%	0.09%	\$37.401
300896-CN	IMEIK Technology Development Co., Ltd. Clas	6.67%	0.19%	0.17%	\$8.961
2600-HK	Aluminum Corporation of China Limited Clas	6.67%	0.05%	0.01%	\$5.551
743-HK	Asia Cement (China) Holdings Corp.	4.44%	0.06%	0.06%	\$9.541
688733-CN	Anhui Estone Materials Technology Co. Ltd	4.44%	0.06%	0.06%	\$16.90
2314-HK	Lee & Man Paper Manufacturing Limited	4.44%	0.03%	0.01%	\$2.661
1378-HK	China Hongqiao Group Ltd.	4.44%	0.10%	0.03%	\$5.431
002831-CN	Shenzhen YUTO Packaging Technology Co., L	4.44%	0.06%	0.05%	\$17.77
NCM-AU	Newcrest Mining Limited	2.22%	0.02%	0.02%	\$27.741
MOS-US	Mosaic Company	2.22%	0.04%	0.04%	\$5.691
ARIS.WT-CA	Aris Gold Corporation Warrant 2020-29.07.25	2.22%	0.00%	0.00%	\$0.01
ALB-US	Albemarle Corporation	2.22%	0.03%	0.03%	\$0.271
9958-TW	Century Iron & Steel Industrial Co., Ltd.	2.22%	0.01%	0.01%	\$0.071

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Ticker	Stock Name	Vs Benchmark	Average Weight	Funds Invested %	Fund AUM, \$
002812-CN	Yunnan Energy New Material Co., Ltd. Class A	0.61%	0.66%	24.44%	\$44.50M
002271-CN	Beijing Oriental Yuhong Waterproof Technol	0.35%	0.35%	17.78%	\$33.33M
600309-CN	Wanhua Chemical Group Co. Ltd. Class A	0.29%	0.38%	15.56%	\$59.14M
600803-CN	ENN Ecological Holdings Co., LTD. Class A	0.24%	0.27%	11.11%	\$12.06M
600019-CN	Baoshan Iron & Steel Co., Ltd. Class A	0.19%	0.23%	13.33%	\$21.60M
300896-CN	IMEIK Technology Development Co., Ltd. Clas	0.17%	0.19%	6.67%	\$8.96M
603737-CN	SKSHU Paint Co., Ltd. Class A	0.13%	0.14%	11.11%	\$41.98M
BZ-US	Boise Inc.	0.12%	0.12%	11.11%	\$63.09M
2899-HK	Zijin Mining Group Co., Ltd. Class H	0.12%	0.31%	13.33%	\$114.47M
300285-CN	Shandong Sinocera Functional Material Co.,	0.09%	0.09%	8.89%	\$37.40M

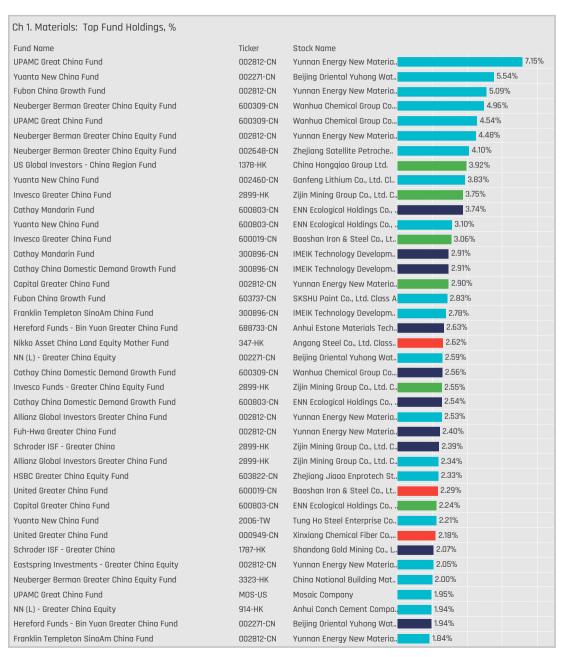
Ch 5. Mate	erials: Aggregate Stock Holdings Data, La	rgest Underweight	Holdings		
Ticker	Stock Name	Vs Benchmark	Average Weight	Funds Invested %	Fund AUM, \$
1303-TW	Nan Ya Plastics Corporation	-0.35%	0.01%	2.22%	\$0.79M
2002-TW	China Steel Corporation	-0.33%	0.00%	0.00%	\$0.60M
1301-TW	Formosa Plastics Corporation	-0.29%	0.13%	11.11%	\$20.69M
1326-TW	Formosa Chemicals & Fibre Corporation	-0.23%	0.00%	0.00%	\$0.41M
1101-TW	Taiwan Cement Corp.	-0.23%	0.00%	0.00%	\$0.41M
1102-TW	Asia Cement Corporation	-0.10%	0.00%	0.00%	\$0.18M
3993-HK	China Molybdenum Co., Ltd. Class H	-0.06%	0.00%	0.00%	\$0.12M
2689-HK	Nine Dragons Paper Holdings Ltd.	-0.05%	0.00%	0.00%	\$0.08M
1313-HK	China Resources Cement Holdings Limited	-0.04%	0.00%	0.00%	\$0.08M
1722-TW	Taiwan Fertilizer Co., Ltd.	-0.04%	0.00%	0.00%	\$0.07M

### Fund Level Stock Holdings



Chart 1. Materials: The largest individual fund level stock holdings by fund weight, coloured by fund Style.

Chart 2. Materials: The largest individual fund level stock holdings by \$ AUM. coloured by fund Style.



Ch 4. Materials: Top Fund Holdings, \$				
Fund Name	Ticker	Stock Name		
Schroder ISF - Greater China	2899-HK	Zijin Mining Group Co., Ltd. Class.		\$68.90M
Schroder ISF - Greater China	1787-HK	Shandong Gold Mining Co., Ltd		\$59.65M
Schroder ISF - Greater China	NCM-AU	Newcrest Mining Limited	\$27.74M	
Schroder ISF - Greater China	300285-CN	Shandong Sinocera Functional	\$26.83M	
JPMorgan Funds - Greater China Fund	BZ-US	Boise Inc.	\$22.81M	
Schroder ISF - Greater China	002064-CN	Zhejiang Huafeng Spandex Co.,	\$22.12M	
JPMorgan Funds - Greater China Fund	603737-CN	SKSHU Paint Co., Ltd. Class A	\$22.10M	
Fidelity Inv. Trust - China Region Fund	2899-HK	Zijin Mining Group Co., Ltd. Class	\$21.04M	
UPAMC Great China Fund	002812-CN	Yunnan Energy New Material Co	\$20.89M	
JPMorgan Funds - Greater China Fund	600309-CN	Wanhua Chemical Group Co. Ltd	\$19.28M	
Schroder ISF - Greater China	358-HK	Jiangxi Copper Company Limite	\$18.81M	
JPMorgan SAR Greater China Fund	603737-CN	SKSHU Paint Co., Ltd. Class A	\$18.37M	
JPMorgan SAR Greater China Fund	BZ-US	Boise Inc.	\$18.28M	
Hereford Funds - Bin Yuan Greater China Fund	688733-CN	Anhui Estone Materials Technol	\$16.86M	
UBS (Lux) Equity Fund - Greater China (USD)	BZ-US	Boise Inc.	\$16.79M	
JPMorgan SAR Greater China Fund	600309-CN	Wanhua Chemical Group Co. Ltd	\$16.22M	
Invesco Funds - Greater China Equity Fund	2899-HK	Zijin Mining Group Co., Ltd. Class.	\$16.06M	
Fidelity Inv. Trust - China Region Fund	002831-CN	Shenzhen YUTO Packaging Tech	\$15.62M	
UPAMC Great China Fund	600309-CN	Wanhua Chemical Group Co. Ltd	\$13.25M	
Hereford Funds - Bin Yuan Greater China Fund	002271-CN	Beijing Oriental Yuhong Waterpr	\$12.43M	
PineBridge Fund Series - Greater China Equity Fund	914-HK	Anhui Conch Cement Company	\$12.37M	
UBS (Lux) Equity Fund - Greater China (USD)	914-HK	Anhui Conch Cement Company	\$11.26M	
Schroder ISF - Greater China	002812-CN	Yunnan Energy New Material Co	\$9.98M	
Invesco Funds - Greater China Equity Fund	600019-CN	Baoshan Iron & Steel Co., Ltd. Cl	\$8.63M	
Invesco Funds - Greater China Equity Fund	743-HK	Asia Cement (China) Holdings C	\$8.50M	
PineBridge Fund Series - Greater China Equity Fund	600019-CN	Baoshan Iron & Steel Co., Ltd. Cl	\$8.39M	
Fidelity Funds SICAV - Greater China Fund	300285-CN	Shandong Sinocera Functional	\$8.00M	
Manulife Global Fund - China Value Fund	1772-HK	Ganfeng Lithium Co., Ltd. Class H	\$7.08M	
Cathay China Domestic Demand Growth Fund	300896-CN	IMEIK Technology Development	\$7.06M	
Manulife Global Fund - China Value Fund	3323-HK	China National Building Material	\$6.40M	
PineBridge Fund Series - Greater China Equity Fund	1301-TW	Formosa Plastics Corporation	\$6.24M	
Cathay China Domestic Demand Growth Fund	600309-CN	Wanhua Chemical Group Co. Ltd	\$6.22M	
Cathay China Domestic Demand Growth Fund	600803-CN	ENN Ecological Holdings Co., LTD	\$6.18M	
Invesco Funds - Greater China Equity Fund	1301-TW	Formosa Plastics Corporation	\$5.88M	
UPAMC Great China Fund	MOS-US	Mosaic Company	\$5.69M	
NN (L) - Greater China Equity	002271-CN	Beijing Oriental Yuhong Waterpr	\$5.53M	
Fidelity Funds SICAV - Greater China Fund	002271-CN	Beijing Oriental Yuhong Waterpr	\$5.40M	
Manulife Global Fund - China Value Fund	BZ-US	Boise Inc.	\$5.07M	
Fidelity Funds SICAV - Greater China Fund	1378-HK	China Hongqiao Group Ltd.	\$5.04M	
Manulife Global Fund - China Value Fund	002080-CN	Sinoma Science & Technology C	\$4.96M	

### Aggregate Stock Holding Changes

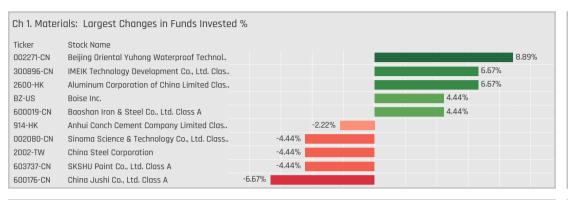


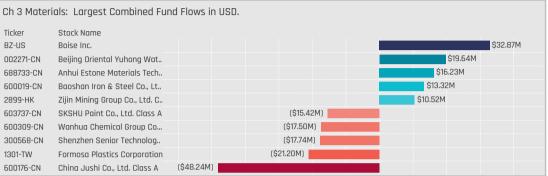
Chart 1. The 10 Materials stocks seeing the largest changes in funds invested % between 1/31/2022 - 7/31/2022. A positive figure shows more funds buying in to the stock, a negative figure funds closing out.

Chart 2. The largest increases in funds invested %, together with average weight changes, relative to benchmark changes and combined fund flows.

Chart 3. The 10 Materials stocks seeing the largest USD fund flows between 1/31/2022 - 7/31/2022.

Chart 4. The largest decreases in funds invested %, together with average weight changes, relative to benchmark changes and combined fund flows.





Ticker	Stock Name	Funds Invested % $\Delta$	Average Weight $\Delta$	Average Wgt vs Ben	Fund Flows,
002271-CN	Beijing Oriental Yuhong Waterproof Technol	8.89%	0.04%	0.04%	\$19.64N
300896-CN	IMEIK Technology Development Co., Ltd. Clas	6.67%	0.19%	0.19%	\$9.191
2600-HK	Aluminum Corporation of China Limited Clas	6.67%	0.05%	0.07%	\$10.37N
BZ-US	Boise Inc.	4.44%	0.07%	0.07%	\$32.87M
600019-CN	Baoshan Iron & Steel Co., Ltd. Class A	4.44%	0.08%	0.07%	\$13.32N
3323-HK	China National Building Material Co. Ltd. Cla	2.22%	-0.02%	-0.04%	\$0.41
MOS-US	Mosaic Company	2.22%	0.04%	0.04%	\$6.76N
ALB-US	Albemarle Corporation	2.22%	0.03%	0.03%	\$0.231
9958-TW	Century Iron & Steel Industrial Co., Ltd.	2.22%	0.01%	0.01%	\$0.091
688733-CN	Anhui Estone Materials Technology Co. Ltd	2.22%	0.06%	0.06%	\$16.231
688196-CN	Longyan Zhuoyue New Energy Co. Ltd. Class	2.22%	0.03%	0.03%	\$0.211
603822-CN	Zhejiang Jiaao Enprotech Stock Co., Ltd. Cla	2.22%	0.05%	0.05%	\$0.47N
603688-CN	Jiangsu Pacific Quartz Co Ltd Class A	2.22%	0.03%	0.03%	\$0.991
601899-CN	Zijin Mining Group Co., Ltd. Class A	2.22%	0.04%	0.03%	\$0.481
601600-CN	Aluminum Corporation of China Limited Clas	2.22%	0.03%	0.03%	\$1.15N
3708-TW	Swancor Holding Co., Ltd.	2.22%	0.04%	0.04%	\$0.661
1378-HK	China Hongqiao Group Ltd.	2.22%	0.01%	0.00%	\$6.461
1303-TW	Nan Ya Plastics Corporation	2.22%	0.01%	0.07%	\$0.341
002709-CN	GUANGZHOU TINCI MATERIALS TECHNOLOGY	2.22%	0.03%	0.03%	\$1.45
002643-CN	Valiant Co., Ltd. Class A	2.22%	0.03%	0.03%	\$0.271
000932-CN	Hunan Valin Steel Co., Ltd. Class A	2.22%	0.02%	0.03%	\$0.481
000830-CN	Luxi Chemical Group Co., Ltd. Class A	2.22%	0.04%	0.04%	\$0.431
000778-CN	Xinxing Ductile Iron Pipes Co., Ltd. Class A	2.22%	0.04%	0.04%	\$0.71
000059-CN	North Huajin Chemical Industries Co., Ltd. Cl	2.22%	0.03%	0.03%	\$0.31
600803-CN	ENN Ecological Holdings Co., LTD. Class A	2.22%	0.11%	0.10%	\$1.751

	. Aggregate otock Holalings offarige	s - Largest Decrea	ses in Funds Inves	ted %.	
				Average Wgt vs	
Ticker Sto	ock Name	Funds Invested % $\Delta$	Average Weight $\Delta$	Benchmark $\Delta$	Fund Flows, \$
600176-CN Chi	ina Jushi Co., Ltd. Class A	-6.67%	-0.08%	-0.08%	(\$48.24M)
603737-CN SKS	SHU Paint Co., Ltd. Class A	-4.44%	-0.08%	-0.08%	(\$15.42M)
2002-TW Chi	ina Steel Corporation	-4.44%	-0.03%	0.00%	(\$5.97M)
002080-CN Sin	noma Science & Technology Co., Ltd. Class	-4.44%	-0.08%	-0.08%	(\$3.27M)
914-HK Anh	hui Conch Cement Company Limited Clas	-2.22%	-0.02%	-0.01%	(\$9.48M)
000422-CN Hub	bei Yihua Chemical Industry Co., Ltd Class	-2.22%	-0.02%	-0.02%	(\$0.22M)
000703-CN Her	ngyi Petrochemical Co., Ltd. Class A	-2.22%	-0.01%	-0.02%	(\$0.10M)
000807-CN Yur	nnan Aluminium Co. Ltd. Class A	-2.22%	-0.01%	-0.01%	(\$2.11M)
002493-CN Ror	ngsheng Petrochemical Co., Ltd. Class A	-2.22%	-0.04%	-0.04%	(\$2.51M)
361610-KR Sk	le Technology Co., Ltd.	-2.22%	-0.04%	-0.04%	(\$2.06M)
3993-HK Chi	ina Molybdenum Co., Ltd. Class H	-2.22%	-0.05%	-0.07%	(\$7.62M)
4971-JP ME	C Company Ltd.	-2.22%	-0.02%	-0.02%	(\$2.77M)
600585-CN Anh	hui Conch Cement Company Limited Clas	-2.22%	-0.05%	-0.04%	(\$3.16M)
603799-CN Zhe	ejiang Huayou Cobalt Co. Ltd. Class A	-2.22%	-0.07%	-0.07%	(\$1.74M)
603993-CN Chi	ina Molybdenum Co., Ltd. Class A	-2.22%	-0.02%	-0.02%	(\$9.85M)
300285-CN Sho	andong Sinocera Functional Material Co.,	-2.22%	-0.05%	-0.05%	(\$7.59M)

# Fund Level Stock Holding Changes



Chart 1. The largest fund weight increases in Materials stocks between 1/31/2022 - 7/31/2022.

Chart 2. The largest fund weight decreases in Materials stocks between 1/31/2022 - 7/31/2022

Both charts show the current weight and whether the weight change represented a new or closed position.

Ch 1. Materials: Largest Increases in Pos	sition, %				
Fund Name	Ticker	Stock Name	New or Close	Latest Weight	Weight Change
Cathay Mandarin Fund	600803-CN	ENN Ecological Holdings Co	New	3.74%	3.74%
Invesco Greater China Fund	600019-CN	Baoshan Iron & Steel Co., L	New	3.06%	3.06%
Cathay Mandarin Fund	300896-CN	IMEIK Technology Develop	New	2.91%	2.91%
Cathay China Domestic Demand Growth Fund	300896-CN	IMEIK Technology Develop	New	2.91%	2.91%
Capital Greater China Fund	002812-CN	Yunnan Energy New Materi	New	2.90%	2.90%
Franklin Templeton SinoAm China Fund	300896-CN	IMEIK Technology Develop	New	2.78%	2.78%
Hereford Funds - Bin Yuan Greater China Fund	688733-CN	Anhui Estone Materials Tec	New	2.63%	2.63%
Invesco Funds - Greater China Equity Fund	2899-HK	Zijin Mining Group Co., Ltd	New	2.55%	2.55%
Cathay China Domestic Demand Growth Fund	600803-CN	ENN Ecological Holdings Co	New	2.54%	2.54%
HSBC Greater China Equity Fund	603822-CN	Zhejiang Jiaao Enprotech S	New	2.33%	2.33%
UPAMC Great China Fund	MOS-US	Mosaic Company	New	1.95%	1.95%
Hereford Funds - Bin Yuan Greater China Fund	002271-CN	Beijing Oriental Yuhong Wa	New	1.94%	1.94%
Franklin Templeton SinoAm China Fund	002812-CN	Yunnan Energy New Materi	New	1.84%	1.84%
Yuanta New China Fund	000778-CN	Xinxing Ductile Iron Pipes C	New	1.77%	1.77%
HSBC Greater China Equity Fund	000830-CN	Luxi Chemical Group Co., Lt	New	1.71%	1.71%
HSBC Greater China Equity Fund	601899-CN	Zijin Mining Group Co., Ltd	New	1.70%	1.70%
Fubon China Growth Fund	3708-TW	Swancor Holding Co., Ltd.	New	1.67%	1.67%
Cathay Mandarin Fund	002271-CN	Beijing Oriental Yuhong Wa	New	1.63%	1.63%
HSBC Greater China Equity Fund	000059-CN	North Huajin Chemical Indu	New	1.50%	1.50%
Franklin Templeton SinoAm China Fund	ALB-US	Albemarle Corporation	New	1.47%	1.47%

Chart 3. The largest buyers in US dollar terms in Materials stocks between 1/31/2022 - 7/31/2022. Chart 4. The largest sellers in US dollar terms in Materials stocks between 1/31/2022 - 7/31/2022 Both charts show the current AUM and whether the fund flow represented a new or closed position.

Ch 3. Materials: Largest Fund Inflows, \$					
Fund Name	Ticker	Stock Name	New or Close	Latest AUM, \$	Fund Flows, \$
Invesco Funds - Greater China Equity Fund	2899-HK	Zijin Mining Group Co., Ltd. C.,	New	\$16M	\$20M
Hereford Funds - Bin Yuan Greater China Fund	688733-CN	Anhui Estone Materials Tech	New	\$17M	\$16M
Hereford Funds - Bin Yuan Greater China Fund	002271-CN	Beijing Oriental Yuhong Wat	New	\$12M	\$15M
UBS (Lux) Equity Fund - Greater China (USD)	BZ-US	Boise Inc.		\$17M	\$12M
Schroder ISF - Greater China	002812-CN	Yunnan Energy New Materia	New	\$10M	\$11M
Invesco Funds - Greater China Equity Fund	600019-CN	Baoshan Iron & Steel Co., Lt	New	\$9M	\$10M
JPMorgan SAR Greater China Fund	BZ-US	Boise Inc.		\$18M	\$8M
Cathay China Domestic Demand Growth Fund	300896-CN	IMEIK Technology Developm	New	\$7M	\$7M
Manulife Global Fund - China Value Fund	BZ-US	Boise Inc.	New	\$5M	\$7M
Manulife Global Fund - China Value Fund	2600-HK	Aluminum Corporation of Ch.	New	\$4M	\$7M
Cathay China Domestic Demand Growth Fund	600803-CN	ENN Ecological Holdings Co., .	. New	\$6M	\$7M
UPAMC Great China Fund	MOS-US	Mosaic Company	New	\$6M	\$7M
Fidelity Funds SICAV - Greater China Fund	1378-HK	China Hongqiao Group Ltd.	New	\$5M	\$6M
Fidelity Funds SICAV - Greater China Fund	002271-CN	Beijing Oriental Yuhong Wat	New	\$5M	\$6M
JPMorgan Funds - Greater China Fund	BZ-US	Boise Inc.		\$23M	\$5M
NN (L) - Greater China Equity	1301-TW	Formosa Plastics Corporation	New	\$3M	\$4M
Invesco Greater China Fund	600019-CN	Baoshan Iron & Steel Co., Lt	New	\$3M	\$3M
NN (L) - Greater China Equity	2600-HK	Aluminum Corporation of Ch.	New	\$2M	\$3M
NN (L) - Greater China Equity	1772-HK	Ganfeng Lithium Co., Ltd. Cl	New	\$2M	\$3M
Schroder ISF - Greater China	1787-HK	Shandong Gold Mining Co., L		\$60M	\$2M

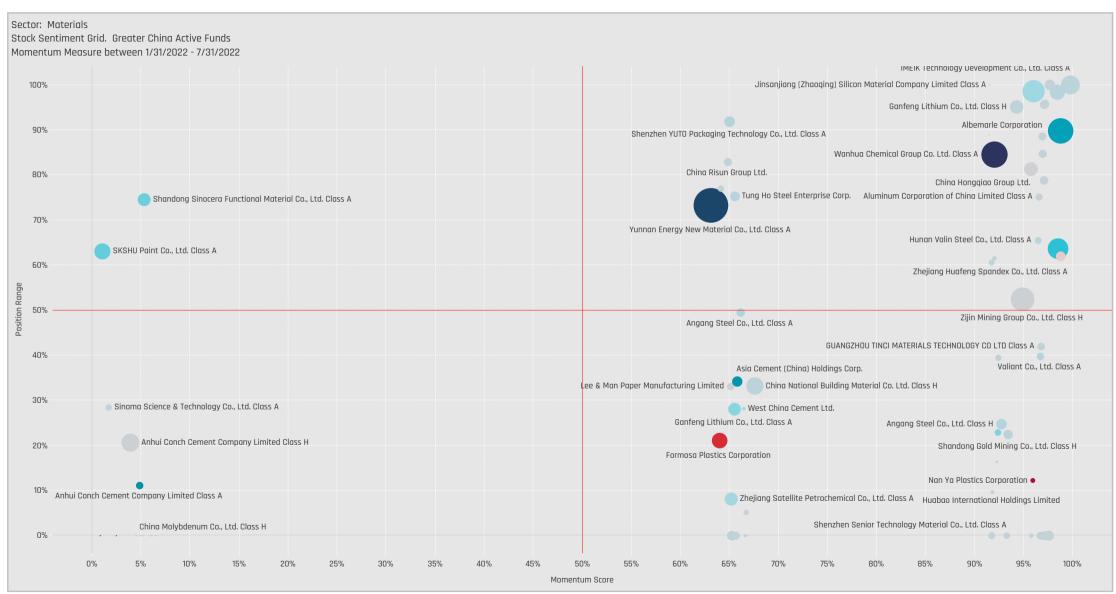
Fund Name	Ticker	Stock Name	New or Close	Latest Weight	Weight Change
Fubon China Growth Fund	603799-CN	Zhejiang Huayou Cobalt Co	Close	0.00%	-3.11%
Fubon China Growth Fund	002080-CN	Sinoma Science & Technolo	Close	0.00%	-2.56%
Cathay China Domestic Demand Growth Fund	002812-CN	Yunnan Energy New Materia	Close	0.00%	-2.45%
Cathay Mandarin Fund	002812-CN	Yunnan Energy New Materia	Close	0.00%	-2.32%
NN (L) - Greater China Equity	3993-HK	China Molybdenum Co., Ltd	Close	0.00%	-2.28%
Allianz Global Investors Greater China Fund	603737-CN	SKSHU Paint Co., Ltd. Class A	Close	0.00%	-2.25%
HSBC Greater China Equity Fund	600585-CN	Anhui Conch Cement Compa	Close	0.00%	-2.11%
Allianz Global Investors Greater China Fund	002271-CN	Beijing Oriental Yuhong Wat		1.78%	-2.07%
Allianz Global Investors Greater China Fund	002493-CN	Rongsheng Petrochemical C	Close	0.00%	-1.99%
Neuberger Berman Greater China Equity Fund	3323-HK	China National Building Mat		2.00%	-1.96%
Cathay China Domestic Demand Growth Fund	300285-CN	Shandong Sinocera Functio	Close	0.00%	-1.78%
Fuh-Hwa Greater China Fund	361610-KR	Sk le Technology Co., Ltd.	Close	0.00%	-1.78%
UPAMC Great China Fund	2899-HK	Zijin Mining Group Co., Ltd. C	Close	0.00%	-1.71%
Invesco Funds - Greater China Equity Fund	1301-TW	Formosa Plastics Corporation		0.93%	-1.62%
Cathay China Domestic Demand Growth Fund	600176-CN	China Jushi Co., Ltd. Class A	Close	0.00%	-1.52%
Neuberger Berman Greater China Equity Fund	002812-CN	Yunnan Energy New Materia		4.48%	6 -1.51%
Fuh-Hwa Greater China Fund	300769-CN	Shenzhen Dynanonic Co., Lt		0.93%	-1.50%
NN (L) - Greater China Equity	002812-CN	Yunnan Energy New Materia	Close	0.00%	-1.45%
UPAMC Great China Fund	600585-CN	Anhui Conch Cement Compa	Close	0.00%	-1.45%
Invesco Greater China Fund	1301-TW	Formosa Plastics Corporation	Close	0.00%	-1.28%

Ch 4. Materials: Largest Fund Outflows, \$					
Fund Name Fund Name	Ticker	Stock Name	New or Close	Latest AUM, \$	Fund Flows, \$
Schroder ISF Schroder ISF - Greater China	600176-CN	China Jushi Co., Ltd. Class A	Close		(\$41M)
Invesco Fund Invesco Funds - Greater China Equit	1301-TW	Formosa Plastics Corporation		\$6M	(\$25M)
Schroder ISF Schroder ISF - Greater China	300568-CN	Shenzhen Senior Technolog	Close		(\$20M)
Fidelity Fund Fidelity Funds SICAV - Greater Chin	914-HK	Anhui Conch Cement Compa	Close		(\$11M)
Schroder ISF Schroder ISF - Greater China	603737-CN	SKSHU Paint Co., Ltd. Class A	Close		(\$11M)
Cathay Chin Cathay China Domestic Demand Gr	002812-CN	Yunnan Energy New Materia	Close		(\$10M)
Fidelity Fund Fidelity Funds SICAV - Greater Chin	603993-CN	China Molybdenum Co., Ltd	Close		(\$10M)
JPMorgan S JPMorgan SAR Greater China Fund	600309-CN	Wanhua Chemical Group Co		\$16M	(\$9M)
NN (L) - Grea NN (L) - Greater China Equity	3993-HK	China Molybdenum Co., Ltd	Close		(\$8M)
JPMorgan Fu JPMorgan Funds - Greater China Fu	600309-CN	Wanhua Chemical Group Co		\$19M	(\$8M)
Cathay Chin Cathay China Domestic Demand Gr	300285-CN	Shandong Sinocera Functio	Close		(\$7M)
Cathay Chin Cathay China Domestic Demand Gr	600176-CN	China Jushi Co., Ltd. Class A	Close		(\$7M)
UPAMC Great UPAMC Great China Fund	2899-HK	Zijin Mining Group Co., Ltd. C	Close		(\$7M)
Manulife Glo Manulife Global Fund - China Value	600803-CN	ENN Ecological Holdings Co.,		\$3M	(\$7M)
Manulife Glo Manulife Global Fund - China Value	2002-TW	China Steel Corporation	Close		(\$6M)
NN (L) - Grea NN (L) - Greater China Equity	002812-CN	Yunnan Energy New Materia	Close		(\$4M)
UPAMC Great UPAMC Great China Fund	600585-CN	Anhui Conch Cement Compa	Close		(\$4M)
Invesco Fund Invesco Funds - Greater China Equit	743-HK	Asia Cement (China) Holdin		\$9M	(\$4M)
UPAMC Great UPAMC Great China Fund	4971-JP	MEC Company Ltd.	Close		(\$3M)
Allianz Globa Allianz Global Investors Choice Fund	2899-HK	Zijin Mining Group Co., Ltd. C		\$3M	(\$3M)

### Stock Sentiment Grid



Stock Sentiment Grid: We combine current positioning, long-term positioning and short-term fund activity for Materials stocks in the chart below. The Y-Axis measures where today's ownership levels sit relative to the long-term range. We calculate the Z-Score of today's average weight, funds invested % and funds o/w % relative to all monthly observations in our fund history (going back to 7/31/2011). A figure close to 100% would indicate today's positioning is close to its maximum ever level, a figure close to zero, the lowest. The X-axis provides a measure of short-term fund activity, or 'Momentum', by looking at the changes in average weight, funds invested % and funds o/w % between 1/31/2022 and 7/31/2022, relative to each stock. A figure above 50% means a stock has seen relative increases in ownership, a figure below 50% indicates a relative decrease in positioning. The size of the bubble represents the average weight of each stock. The colour represents if the stock is held overweight (blue) or underweight (red) on average.



Position Range: Average of:

Z-Score Average Weight vs history

Z-Score Funds Invested % vs history Z-Score Funds O/W % vs history Momentum Score: Average of: Change in Average Weight (Percentile vs Peers) Change in Funds Invested % (Percentile vs Peers) Change in Funds O/W % (Percentile vs Peers)

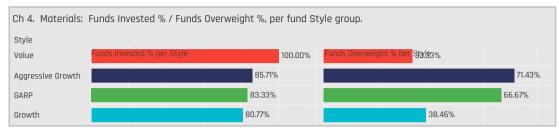
# Holdings by Fund Style



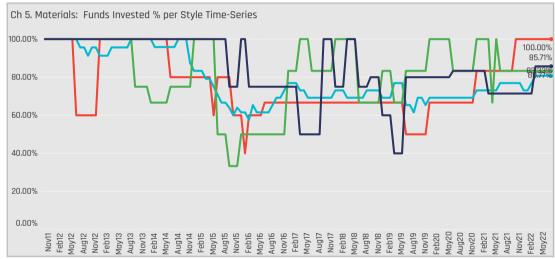
Chart 1. The average weights in Materials stocks and the average weights vs the SPDR FTSE Greater China ETF, split by fund Style. Charts 2&3. The time series of average fund weights in Materials stocks and average weights vs SPDR FTSE Greater China ETF, split by fund Style.

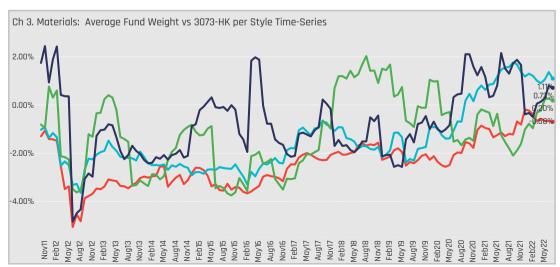


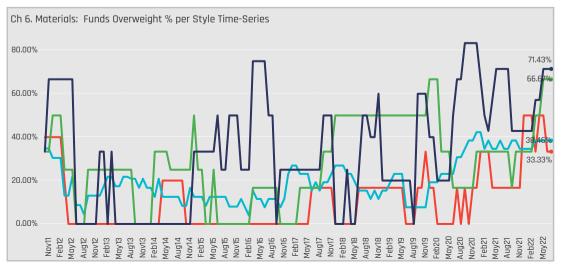












### Holdings by Fund Style



Top Row. For each Style category, each chart shows the largest holders in the Materials Sector group.

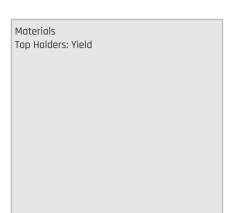
Middle Row: For each Style category, each chart shows the most widely held stocks and the corresponding average fund weights in the Materials Sector group. Bottom Row: For each Style category, each chart shows the largest stock overweights and underweights in the Materials Sector group.











Materials Most Widely Held Stocks: Agg	gressive (	Growth
		Funds Inv
Stock Name	Ave. Wgt	9
Yunnan Energy New Material Co.,	0.39%	28.57%
IMEIK Technology Development C	0.83%	28.57%
ENN Ecological Holdings Co., LTD	0.90%	28.57%
Beijing Oriental Yuhong Waterpr	0.51%	28.57%
Zijin Mining Group Co., Ltd. Class	0.34%	14.299
Zhejiang Huafeng Spandex Co., L	0.11%	14.299
Wanhua Chemical Group Co. Ltd	0.37%	14.299
SKSHU Paint Co., Ltd. Class A	0.14%	14.299
Shenzhen Dynanonic Co., Ltd. Cl	0.13%	14.299
Shandong Sinocera Functional M	0.13%	14.29%

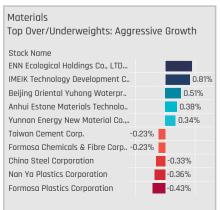




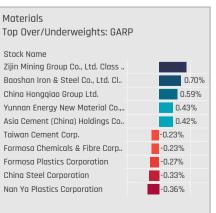


Materials

Materials Most Widely Held Stocks: Yield







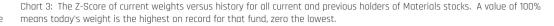




### Aggregate Gap Analysis



Ch1. The blue line shows the total number of funds (out of 45) who have ever owned Materials stocks. The green area shows the number of funds invested at any one time and the red line the difference. A download sloping red line means existing investors are closing out positions, a rising red line means previous investors are buying back in.



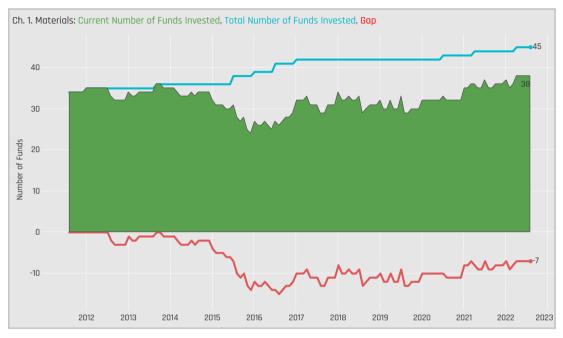
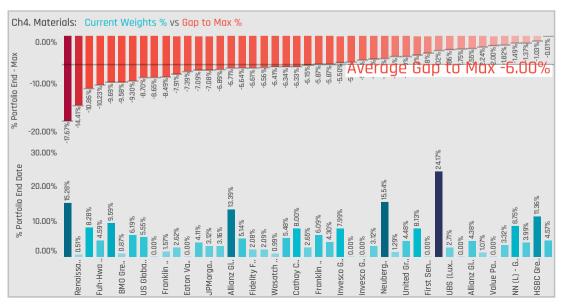


Chart 2: The orange lines show the current AUM in Materials stocks for each fund. The red lines show the gap between today's weight and the maximum weight for each fund.





Chart 4. Blue lines show the current weight in Materials stocks for each fund. The red lines show the gap between today's weight and the maximum weight for each fund.

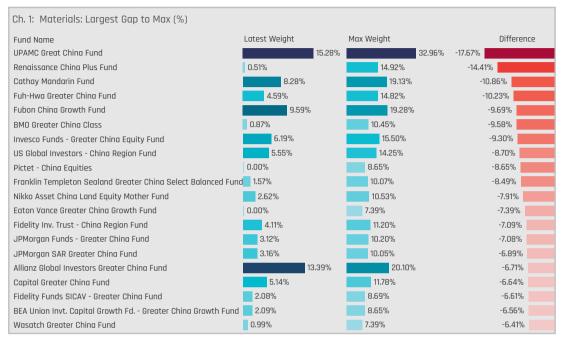


### Fund Level Gap Analysis



Chart 1: Current fund weight, maximum fund weight and difference for Materials stocks.

Chart 3: Current fund weight, maximum fund weight and Z-Score for Materials stocks, ranked by Z-Score Chart 2: Current fund AUM, maximum fund AUM and \$ difference for Materials stocks Chart 4: Current fund AUM, maximum AUM and Z-Score for Materials stocks, ranked by Z-Score,



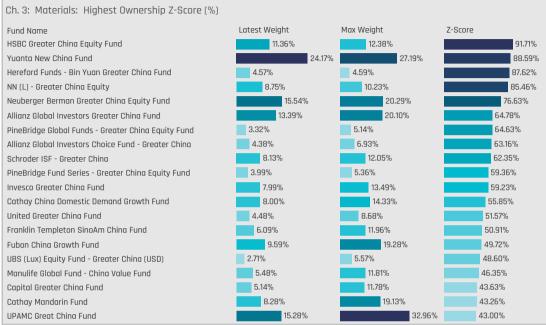










Chart 1: Current fund weight, maximum fund weight and the difference for Materials stocks. Filtered for funds that have bought in to Materials between 1/31/2022 - 7/31/2022

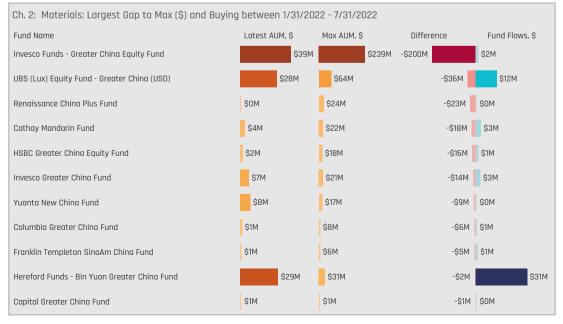
Chart 2: Current fund AUM, maximum fund AUM and the USD difference for Materials stocks. Filtered for funds that have bought in to Materials between 1/31/2022 - 7/31/2022



Chart 3: Current fund weight, maximum fund weight and Z-Score for Materials stocks, ranked by Z-Score. Filtered for funds that have sold Materials between 1/31/2022 - 7/31/2022 and have a % Z-Score of above 50%.

Chart 4: Current fund AUM, maximum AUM and Z-Score for Materials stocks, ranked by Z-Score. Filtered for funds that have sold Materials between 1/31/2022 - 7/31/2022 and have a \$ Z-Score of above 50%.







Ch. 4: Materials: Z-Score (\$) > 50% and selling between 1/31/2022 - 7/31/2022



### **Style Classifications**

Each fund is split into a Style category based on the P/E and P/B ratios of their portfolio compared to the benchmark

Aggressive Growth: At least 70% of the portfolio in stocks with a higher P/E than the SPDR FTSE Greater China ETF average, and at least 70% with a higher P/B ratio.

Growth: At least 50% of the portfolio in stocks with a higher P/E than the SPDR FTSE Greater China ETF average, and at least 50% with a higher P/B ratio.

Value: Either by the fund description, or at least 50% of the portfolio in stocks with a lower P/E ratio than the SPDR FTSE Greater China ETF average, and at least 50% with a lower P/B ratio

**Yield**: As per the fund description only (i.e Yield, Dividend, Income funds).

**GARP**: All other iterations that do not fit under the above classifications.



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