

ASIA MANUFACTURING COST DRIVERS REPORT

Q4-2022 (Oct. Nov. Dec.)

Tracking The Trends Which Drive Costs in Asia Manufacturing

Executive Summary

Despite supply headwinds, labor shortages, and an uncertain economic environment, Asia manufacturing continues to surpass the expectations of recent years. Manufacturing has demonstrated continued strength in 2022, building on the momentum it gained emerging from the pandemic, and surpassing expectations from the prior two years. While overall demand and production capacity have hit recent highs, there are indications that the near-term outlook may not be as bright. Asia industry is currently experiencing concerns related to inflation and economic uncertainty. In addition, manufacturers continue to grapple with talent challenges that may limit their growth momentum. Moreover, supply chain issues including sourcing bottlenecks, global logistics backlogs, cost pressures, and cyberattacks will likely remain critical challenges in 2023. As leaders look beyond leading amid disruption and revamp their approach, our 2023 manufacturing industry outlook examines five important trends to consider for manufacturing playbooks in the year ahead.

The commodity price trends in the fourth quarter were mixed with plastics, fuel, freight and currency leading the down-in-price group, while rubber, steel, aluminum, other metals, and textiles led the up-in-price group. Meanwhile paper, ceramic materials, and labor costs showed little change. Year over year, plastics, rubber, steel, aluminum, and freight ended the year lower in price than one year ago while metal, wood, paper, textiles, labor, and fuel all saw price increases in the period.

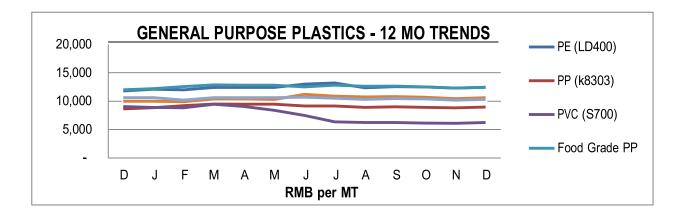
	PLASTICS	RUBBER	STEEL	ALUM	METALS	WOOD	PAPER
3 MO						•	•
12 MO		▼	•	•			
	TEXTILES	CERAMICS	LABOR	FUEL	FREIGHT	CURRENCY	INDEXES
3 MO		•	•		•		•
12 MO		•			▼		▼

Below is a chart of the overall trends. For all the details, please see the entire report below or download it from the link at the end.

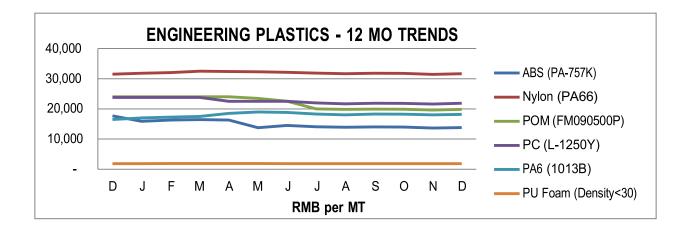
Report Details

PLASTICS & RUBBER

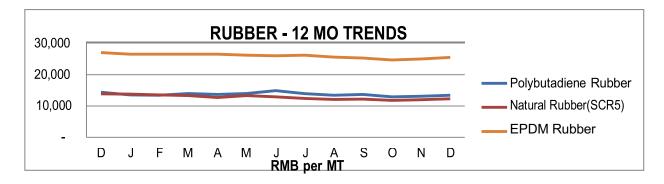
Overall, the General-Purpose plastic resin prices declined in Q4 of 2022 vs Q3 but only slightly. And, in the most recent month of December the trend appears to have reserved with some price increases. Year over year, the results are mixed with PVC, HIPS, HDPE, and PET all showing price declines from 3% to 30%, while EVA, PS, PE and PE all showing increase of 4% to 11% versus one year ago.



Engineering grade resins displayed a similar trend in Q4 to the General-Purpose grades, with all grades except PU Foam showing price declines, however, they declined less than GP, most less than 1%. Year over year, prices were down on average by 4.5%, led by ABS down 21.8% and POM down17.5% while Nylon increased by 10.3% and Triton and Nylon prices increased slightly, by only about 1% versus 1 year ago.

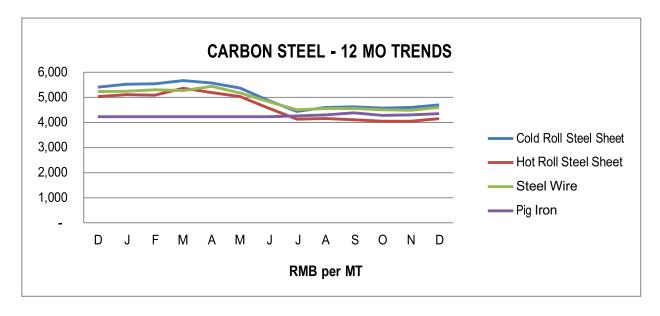


Rubber prices were more mixed in Q4 with the trend generally up on average by about 1.9%. Reclaimed Rubber led the way up 2.6% while Polybutadiene Rubber led the decliners down 2.2%. Year over year, the trends were more mixed, with Neoprene and Nitrile up the most, 27.4% and 18.4% respectively, while Silicon, Natural Rubber, and Latex all showed substantial price declines of 35.7%, 11.5%, and 10.2% respectively versus one year ago.

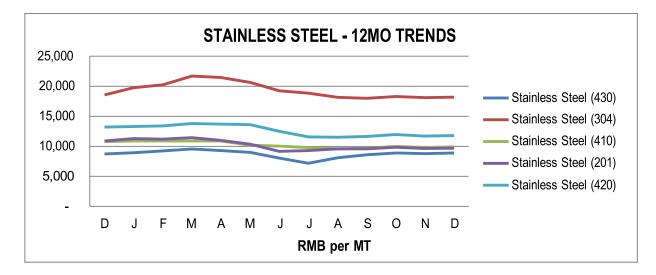


METALS

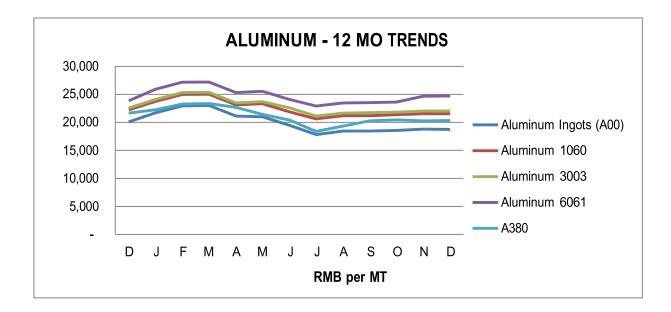
For the fourth quarter of 2022, the prices for most of Carbon Steel grades were up slightly on average about 1% or less versus three months ago with Cold Roll Steel Sheet up the most at 1.7%. Year over year, virtually all carbon steel prices were down on the average 8.6% versus one year ago.



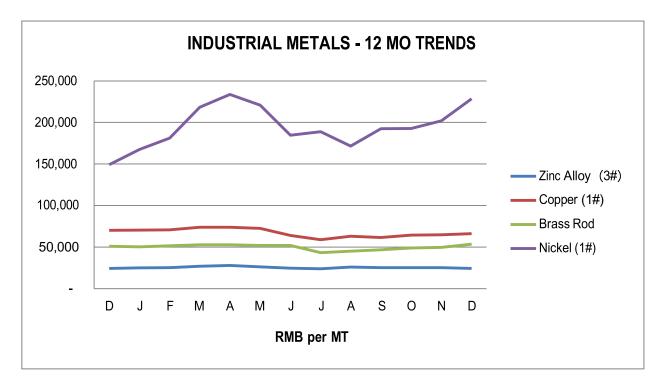
Stainless Steel prices were also up slightly in Q4, on average by 1%-2% compared with last quarter. Year over year, prices were mostly lower than 2021 with 430 and 201 grades down the most on average about 10% versus one year ago.



Aluminum prices were higher in Q4, on average by 1%-2%, except 6061 which was up over 5%. Year over year, aluminum prices decreased on the average by 3.2%, however, 6061grade was up 3.6% versus one year ago.

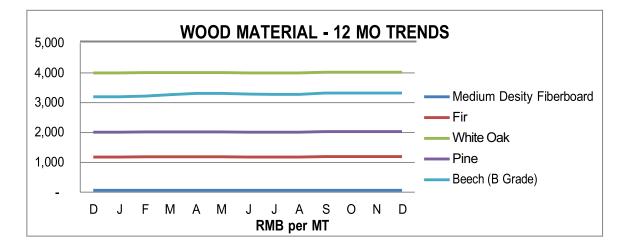


In other Industrial Metals, all showed substantial increases in price led by Nickel (up 18.7% and Brass rods, up 14.3%. Only Zinc bucked the trend, down in price 3.9% versus Q3. Year over year, the prices trends were mixed with Nickel up 53.2%, Brass Rod up 4.8%, while Copper decreased 5.5% and Brass Tubes down 1.9% and Zinc Alloy prices were flat versus one year ago.

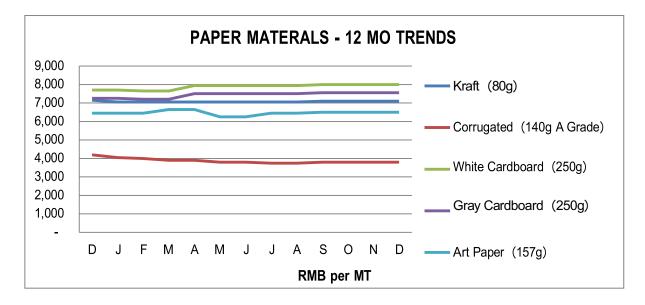


WOOD, PAPER & TEXTILES

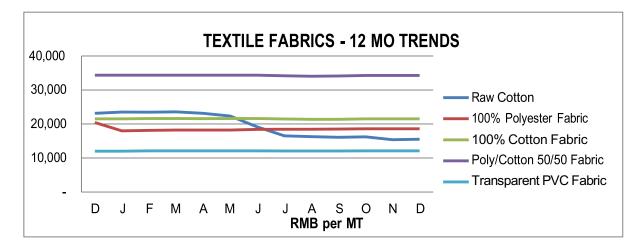
Wood prices were flat in Q4 showing little change from Q3. Year over year, with MDF grades up 2% to 5%, Beech up 3.8, Fir up 1.3%, Pine up 1.0%, and White Oak up fractionally versus one year ago.



Most all Paper prices were flat in Q4. Year over year, the trend was more mixed with Kraft down 0.7%, Corrugated down 9.5%, while White Cardboard was up 3.9%, Gray Cardboard was up 4.3% and Art Paper was up 0.8% versus one year ago.

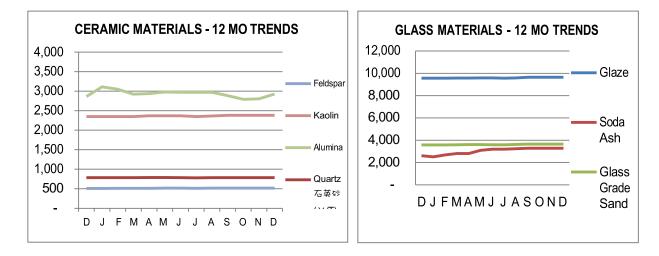


Most Textile fabric prices were up slightly in Q4 by about 1% versus last quarter. Only Raw cotton was down in price 3.7%. Year over year, the price trends were mixed with declines led by Raw Cotton down 32.9% and 100% Polyester Fabric down 9.1%, while Non-woven PP up the most at 6.2% followed by T/C fabric up 2.4%, and PVC fabric up on average by 1% versus one year ago.



CERAMIC AND GLASS RAW MATERIALS

Ceramic and Glass Raw Materials showed little change over Q3. Year over year, most of the materials were up in price led by Soda Ash up 26.2%, Alumina up 2.3%, Glass Grade Sand and Feldspar up 2%, Kaolin up 1.3% and Quartz was flat versus one year ago.



FUEL

Fuel prices in China moved lower in the 4th quarter led by Diesel declining the most at 10.1%. Year over year, the trend was higher prices for most fuels. up in prices on average 3.9% versus one year ago.

OCEAN FREIGHT

The World Container Index was down 55.7% versus last quarter. Year over year, the World Container Index was down 77% versus one year ago.

COST OF LABOR

Most of the Asian labor rates were unchanged in Dec. Year over year, Labor costs in China were up 4.5%, Vietnam up 5.9%, and Thailand by 5.4%, while Bangladesh labor costs declined 1.2% versus one year ago levels.

CURRENCY EXCHANGE RATE

For the fourth quarter, the USD strengthened against the CNY by 1.9%, however, the Yuan strengthened in December signaling a possible reversal in that trend. Year over year, the USD remained substantially stronger than most of the Asia currencies versus one year ago.

CHINA TRADE (Data lags by one month)

China Imports were up slightly by almost 1% and China Exports increased 3.4% versus December. Year over year, China Imports decreased 7.3% and Exports decreased 10.1% versus one year ago.

The China Consumer Price Index (CPI) was up only slightly 0.2% and the China Producer Price Index (PPI) increased 0.6% in December. Year over year, the China CPI was up 0.3% and China PPI was down almost 10% versus one year ago.

PURCHASING MANAGERS INDEX (PMI)

The China PMI ended Q4 at 47.0, well below the benchmark 50 for an expanding economy and the Hong Kong PMI ended at 49.0, a little bit closer to the 50 mark. The US PMI also remained below 50, with the Manufacturing PMI at 46.2 in December, down from November's 47.7, while the services PMI activity index fell to 44.4 in December (November: 46.2). Across the private sector, new orders fell at the sharpest pace since May 2020, while new export orders continued to fall, but at a slightly softer pace than in November. Both input and output price inflation eased in December, while employment growth was marginal and business sentiment was pessimistic by historical standards.

CONTACT US FOR MORE INFORMATION

Thank you for taking the time to follow trends in Asia manufacturing. Source International has operational offices in Louisville, Kentucky; Xiamen, China; and Ho Chi Mihm, Vietnam. Our passion is to partner with companies in supply management from Asia. We have a 30+ year on-the-ground track record, a rigorous operating procedure, and a very well-trained local staff. We welcome the opportunity to show you how we can add value to your supply chain in Asia and invite you to visit our offices and website to learn more about us.

For additional details, please refer to the charts that follow or contact one of our Operations Specialists for more information. Thank you for your support.

You may download the entire report here.

Please visit our website at: www.sourceint.com

Data for this report comes from the sources listed and while every attempt is made to be as comprehensive and accurate as possible, please consider that these are just general trends, and you should not draw any specific conclusions from the data. We recommend that any information provided in this report be weighed against other sources and experts on the individual topics covered and\, accordingly, we make no specific claims nor assume any liability from the use of the data contained herein.

ATEGORY	MATERIAL OR TYPE	1 MONTH CHANGE		3 MONTH CHANGE		6 MONTH CHANGE		12 MONTH CHANGE	
OMMODITY PRICES									
	PP (K8303)	1.70%		-0.56%	•	-2.19%	•	3.47%	•
	PP (Food Grade)	1.22%		-1.58%	•	-0.40%	•	3.75%	
	PS (GPPS/688B)	1.44%	A	-1.85%	•	-5.36%	•	6.00%	
	HIPS (PH88)	0.79%	A	-1.54%	•	-6.57%	•	-14.67%	
	PE (LD400/Injection)	1.22%	A	-0.80%	•	-4.23%	•	5.51%	4
ENERAL PLASTICS	HDPE (HHMTR210)	1.48%	▲ ▲	-1.44%	• •	-3.74%	• •	-2.83%	
	PET (SE-3030)	0.60%		-0.98%		-3.43%	•	-3.61%	
	PVC (S700) PVC + DOTP	2.46%		0.00%	=	-16.67%	•	-30.94%	
	TPE	1.99%			-	-3.30%		-14.58%	
	EVA	1.20%		-0.70% -0.97%	• •	0.71% -9.68%	•	0.00%	-
	PET Fiber	0.59%	-	-0.63%	· •	-11.24%	•	0.00%	
	ABS (PA-757K)	1.09%		-1.42%	· •	-4.48%	•	-21.75%	
	Nylon (PA66)	0.64%	-	-0.47%	•	-4.40%	•	0.48%	
	POM (FM090500P)	1.02%			• •	-12.00%	•		
				-0.75%	-		•	-17.50%	
NGINEER PLASTICS	PC (L-1250Y)	1.39%		0.00%	=	-2.67%	•	-7.98%	
SINCENTERSING	Nylon (PA6) (1013B) PU Foam (Density<30)	1.11%		-0.55%		-3.19%		10.30%	
		1.09%	A	1.09%	A	-1.07%	•	-1.60%	
	PA6+30%fb	1.67%	▲ ▲	0.00%	=	-0.33%	•	-2.24%	
	Tritan	1.53%	A	-0.17%	•	-0.67%	•	0.51%	
	MS	1.37%		-0.34%	•	-0.84%	•	-0.50%	
	Polybutadiene Rubber (BR9000)	2.29%		-2.19%	•	-10.07%	•	-6.94%	
	Natural Rubber (SCR5)	2.50%	A	0.82%	A	-4.65%	•	-11.51%	
IBER	Latex Rubber	2.50%		0.82%		-3.91%	•	-10.22%	`
	Nitrile Rubber (NBR)	1.07%	A	-0.26%	•	-2.82%	•	18.44%	4
UBBER	Neoprene Rubber (CR)	0.45%		-0.11%	•	-0.89%	•	27.43%	4
	EPDM Rubber	2.00%		0.79%		-1.92%	•	-5.56%	
	Rubber	2.26%		2.26%		0.74%		0.74%	4
	Reclaimed Rubber	2.63%		2.63%		2.63%		2.63%	4
	Silicon Rubber	1.16%		-0.23%	•	9.25%		-35.74%	
	Foam Latex	2.22%		1.77%		-4.56%	•	-8.37%	
	Tinplate (0.23*800*C/MR T4)	1.22%		0.55%		-0.54%	•	-1.61%	
STEEL & IRON	Cold Roll Steel Sheet (1mm*1250*2500/ST12)	2.17%		1.73%		-3.49%	•	-13.12%	
	Cold Rolled Steel Plate-Commercial	2.49%		1.71%		-4.29%	•	-9.78%	
	Cold Roll Steel Tube (22*1.5)	1.67%		0.83%		-3.06%	•	-2.80%	
	Hot Roll Steel Sheet (3mm*1250*C/Q235)	2.47%		0.97%		-9.19%		-17.50%	
	Hot Rolled Steel Plate-Commercial	2.94%		1.51%		-7.61%		-14.98%	
	Hot Roll Steel Tube (22*1.5)	1.71%		0.85%		-1.16%	•	-0.67%	
	Steel Wire (D6.5~10/Q235)	2.68%		1.10%		-4.76%	•	-12.05%	
	Pig Iron	1.16%		-0.68%	•	2.84%		2.84%	4
	Steel Pole	2.47%		1.22%		-8.19%	•	-13.72%	
	Steel Rib	2.47%		1.22%		-12.08%	•	-21.10%	
	Q195 Steel	2.24%		0.66%		-0.22%	•	1.78%	4
	Stainless Steel Sheet (201)	0.52%		1.04%		6.01%		-11.01%	
	Stainless Steel Sheet (202)	0.60%		0.90%		-0.30%	•	3.37%	
TEEL & IRON	Stainless Steel Sheet (304)	0.55%		1.11%		-5.45%	•	-1.89%	
	Stainless Steel Tube (304) Frosted (ϕ 76*4-6)	0.50%		1.00%		1.25%		-0.98%	
	Stainless Steel Tube (304) PoliShed (ϕ 76*4-6)	0.84%		0.84%		-0.41%	•	-2.03%	,
	Stainless Steel Sheet (410)	1.02%	-	2.06%	-	-1.49%	•	-8.33%	
AINLESS STEEL	Stainless Steel Sheet (420)	0.85%		1.29%		-5.60%		-10.61%	,
	Stainless Steel Sheet (420)	1.14%	-	3.49%	-	10.56%		1.71%	
	Stainless Steel 3.0*1500*C	1.14%		2.30%		2.30%		-3.26%	
	SS304(Vietnam) (\$/T)	1.14%		1.50%		-0.92%	•	-3.20%	
	SS304(Vietnam) (\$/T) SS420(Vietnam) (\$/T)	3.16%				-0.92%	•	-2.00%	
		-		3.49%			•		
	SS430(Vietnam) (\$/T) Aluminum Ingots (Aoo)	1.07%	▲ ▼	1.61%		-10.26%	•	-22.35%	
		-0.21%		1.63% 1.48%		-3.79% -1.60%	•	-6.67% -3.11%	,
	Aluminum 1060 (1000*2000*5)		=					-	
LUMINUM	Aluminum 3003 (1000*2000*5)	0.09%		1.43%	A	-2.39%	•	-2.30%	
	Aluminum 6061 (φ178)	0.20%	A	5.11%	A	2.62%	▲ -	3.61%	4
	ADC12	0.26%		0.26%	A	-0.36%	•	-4-54%	
	A380	0.25%	A	0.25%	A	-0.34%	•	-6.09%	`
	Zinc Alloy (#3)	-3.74%	•	-3.93%	•	-1.59%	•	0.06%	4
	Brass Tube (H62 φ8-90mm)	0.68%		3.29%		2.60%		-1.92%	
THER METALS	Brass Rod (H59 ⊄ 6-55mm)	7.63%	•	14.29%	•	2.68%	•	4.79%	4
	Copper (#1)	2.26%		7.61%	•	3.30%	•	-5-53%	•
	Nickel (#1)	13.14%	•	18.67%	•	23.81%	•	53.18%	4
	MDF (1220*2440*8mm)	0.00%	=	0.00%	=	1.59%		1.59%	4
	MDF(1220*2440*9mm)	0.00%	=	0.00%	=	2.86%		2.86%	4
	MDF(1220*2440*3mm)	0.00%	=	0.00%	=	5.56%		5.56%	4
WOOD	Fir	0.00%	=	0.00%	=	1.27%		1.27%	4
	White Oak	0.00%	=	0.00%	=	0.50%		0.50%	
	Pine Softwood	0.00%	=	0.00%	=	1.00%		1.00%	4

CATEGORY MATERAL OR TYPE AVERA Kraft Paper (8og) Corrugated Board (140g A Grade) White Cardboard (250g) Art Paper (157g) Raw Cotton io0% Cotton Fabric io0% Cotton Fabric PolyCotton 50/50 Fabric PolyCotton 50/50 Fabric PolyCotton 50/50 Fabric PolyDacron(1000D) Oxford Fabric Beech TextriLE FABRICS EGEA TEXTILE FABRICS EGEA Cotton Wood Birch Polyester (Fuzhou) TC Fabric Frosted PVC Fabric PolyEster (Fuzhou) TC Fabric Frosted PVC Fabric PolyEster (Fuzhou) TC Fabric Frosted PVC Fabric POL Eather 0.7mm PVC Leather 0.7mm PVC	CHAN	GE	CHAN					NTH
PAPER Corugated Board (140g A Crade) PAPER Corugated Board (140g A Crade) (arg Cardboard (250g) (arg Cardboard (250g) Art Paper (157g) Raw Cotton 100% Cotton Fabric 100% Polyester Fabric Poly(Cotton Solos) Fabric Poly(Cotton Solos) Fabric Poly(Cotton Solos) Dixford Fabric Poly(Cotton Solos) Dixford Fabric Beech Cotton Wood Bech Cotton VOC PDF Fabric Polyester (Fuzhou) T(C Fabric Cotton Wood Bech Cotton Cotton Wood Bech Cotton Cot			CHAN	GE	CHAN	GE	CHAN	GE
PAPER White Cardboard (250g) Gray Cardbord (250g) Art Paper (570g) Art Paper (570g) Raw Cotton IooX Cotton Fabric IooX Polyester Fabric IooX Polyester Fabric Poly/Cotton 50/50 Fabric Poly Dacron(1000D) OdX oford Fabric Beech Edition 50/50 Fabric Poly Dacron(1000D) OdX oford Fabric Beech Edition 50/50 Fabric Poly Dacron(1000D) OdX oford Fabric Beech Edition 50/50 Fabric Poly Dacron(1000D) Poly Dacron(1000D) OdX oford Fabric Beech Transparent PVC Fabric File Same Poly Dactorn(1000D) POL Eather 0.7mm PVC Leather 0.7mm PVC Eather 0.7mm Quartz Alumina Glaze Glaze Ioda Ash Ioda Ash Ioda Ash Ioda Ioda Iabor India Labor India Labor Ioda Iabor Ioda Iabar Ioda Iabor Ioda Iabar Ioda Iabar Ioda Sangladi-Los Angeles Ioda Iabor <	0.00%	=	0.00%	=	0.71%		-0.70%	•
Gray Cardbord (250g) Art Paper (157g) Raw Cotton 100% Cotton Fabric 100% Cotton Solos Fabric Poly/Cotton Solos Fabric Poly Dacron(1000D) Oxford Fabric Beech Cotton Wood Birch Polyester (Fuzhou) T/C Fabric Transparent PVC Fabric Proteather 0.7mm Real Leather 1.6 Feldspar Kaolin Quartz Alumina Claze Soda Ash Glase Grade Sand India Labor India Labor India Labor Thailand Labor China Industrial Electric China Industrial Electric China Industrial Electric China Industrial Electric China Desel Oil Natural Gas Los Angeles-Shanghai Shanghai-Los Angeles	0.00%	=	0.00%	=	0.00%	=	-9.52%	•
Art Paper (157g) Raw Cotton 100% Cotton Fabric 100% Polyester Fabric Poly/Cotton 50/50 Fabric Non-woven PP Fabric Poly Dacron(1000D) Oxford Fabric Beech EXTILE FABRICS Birch Polyester (Fuzhou) T/C Fabric Transparent PVC Fabric Frosted PVC Fabric Frosted PVC Fabric Frosted PVC Fabric Frosted PVC Fabric PU Leather 0.7mm PVC Leather 0.7mm Real Leather 1.6 Feldspar Kaolin Quartz Alumina Glaze Soda Ash Glaze Gand Monexou Monexou Magladesh Labor India Labor India Labor India Labor China Industrial Electric China Petroleum Price UEL & POWER LPG Gas World Container Compsite Index Shanghai-Los Angeles	0.00%	=	0.00%	=	0.63%		3.90%	
Raw Cotton 100% Cotton Fabric 100% Cotton Fabric Poly/Cotton SojSo Fabric Poly/Cotton SojSo Fabric Poly Dacron(1000D) Oxford Fabric Beech ExtriLE FABRICS ExtriLe Fabric Fieldspar Fabric ExtriLe Fabric Fieldspar Kaolin </td <td>0.00%</td> <td>=</td> <td>0.00%</td> <td>=</td> <td>0.80%</td> <td>A</td> <td>4.28%</td> <td></td>	0.00%	=	0.00%	=	0.80%	A	4.28%	
Ioo% Cotton Fabric Ioo% Polyester Fabric Poly(Cotton 50/50 Fabric Non-woen PP Fabric Poly Dacron(iooD) Oxford Fabric Poly Dacron(iooD) Cotton Wood Birch Polyester (Fuzhou) T/C Fabric Prosted PVC Fabric Prosted PVC Fabric Prosted PVC Fabric PVC Leather 0.7mm PVC Leather 0.7mm Real Leather 1.6 Feldspar Kaolin Quartz Alumina Glaze Soda Ash Clase Grade Sand Quartz Alumina Glaze Soda Ash Clase Grade Sand Vetnam Labor India Labor India Clase Thailand Labor India Petroleum Price China Industrial Electric China Petroleum Price Vettam Labor Natural Cas LPG Gas Vord Cottainier Compsite Index	0.00%	=	0.00%	=	4.00%		0.78%	
Ioo% Polyester Fabric Poly/Cotton So/So Fabric Non-woven PP Fabric Poly Dacron(roooD) Oxford Fabric Beech Cotton Wood Birch Polyester (Fuzhou) T/C Fabric Transparent PVC Fabric Protecter VC Fabric PU Leather o.7mm PU Leather o.7mm Real Leather 1.6 Fosted PVC Fabric PU Leather o.7mm Real Leather 1.6 Glaze Soda Ash Glaze Soda Ash Glaze Soda Ash India Labor India Labor India Labor India Petroleum Price China Industrial Electric China Industrial Electric China Desel Oil Natural Cas Icos Angeles-Shanghai Shanghai-Los Angeles Los Angeles-Shanghai USD-NN (India Rupees) USD-NN (India Rupees) USD-NN (India Rupees) USD-NN (India Rupees) <	0.67%		-3.66%	•	-19.06%	•	-32.89%	▼
Poly/Cotton 50/50 Fabric Non-woven PP Fabric Poly Dacron(1000D) Oxford Fabric Beech EXTILE FABRICS EXTILE FABRICS <	0.00%	=	0.47%		-0.42%	•	0.00%	=
EXTILE FABRICS Ann-woven PP Fabric Poly Dacron(1000D) Oxford Fabric Bech Cotton Wood Birch Polyester(Fuzhou) T(C Fabric Transparent PVC Fabric Polyester(Fuzhou) T(C Fabric Transparent PVC Fabric PU Leather 0.7mm PVC Leather 0.7mm Real Leather 1.6 FedSpar Kaolin Quartz Alumina Claze Soda Ash Class Grade Sand Class Grade S	0.00%	=	0.54%		1.09%		-9.05%	•
Poly Dacron(1000D) Oxford Fabric Beech Cotton Wood Birch Polyester (Fuzhou) T/C Fabric Transparent PVC Fabric Frosted PVC Fabric PU Leather 0.7mm PVC Leather 0.7mm Real Leather 1.6 Fordstaft Quartz Alumina Glaze Soda Ash Glaze Soda Ash Glaze Soda Ash Glaze Soda Ash China Labor India Labor India Labor India Labor Natural Gas LPG Gas Vortal Cotainer Compsite Index Shanghai-Los Angeles Los Angeles-Shanghai Shanghai-Los Angeles Los Angeles-Shanghai Shanghai-Los Angeles USD-ENT (China RMB) USD-ENT (China RMB) USD-INR (India Rupes) USD-INR (India Rupes) USD-INR (India Rupes) USD-INR	0.00%	=	0.44%		-0.29%		-0.29%	•
FEXTILE FABRICS Oxford Fabric Beech Cotton Wood Birch Polyester (Fuzhou) T/C Fabric Transparent PVC Fabric Frosted PVC Fabric PU Leather 0.7mm PVC Leather 0.7mm PVC Leather 0.7mm Real Leather 1.6 Feldspar Kaolin Quartz Alumina Glaze Soda Ash Glaze Goda Ash Glaze Glaze Soda Ash Glaze Gate Sand Vietnam Labor India Labor India Labor India Labor Thailand Labor Thailand Labor Muraid Gas PUEL & POWER China Industrial Electric China Desel Oil Natural Gas Vort Gas World Container Compsite Index Shanghai-Los Angeles Los Angeles Los Angeles-Shanghai Shanghai-Los Angeles USD-RV (China RMB) USD-BRO (Bangladesh Taka) USD-BOCEAN FREIGHT USD-CNY (China RMB) USD-BOCEAN FREIGHT Shanghai-Los Angeles Los Angeles-Shanghai Shanghai-New York	0.00%	=	1.85%		0.73%		6.15%	
FEXTILE FABRICS Beech Cotton Wood Birch Polyester (Fuzhou) T T/C Fabric Transparent PVC Fabric Frosted PVC Fabric PUE Leather 0.7mm PVC Leather 0.7mm Real Leather 1.6 Foldespare Kaolin Quartz Alumina Glaze Soda Ash Glaze Goda Ash Glaze Gaso Grade Sand India Labor India Labor India Labor India Labor India Labor Fuels Power China Labor Fuels Power China Industrial Electric China Industrial Electric China Dersel Oil Natural Gas Lind Amedia FUEL & POWER China Dersel Oil Ratural Gas USO-CNY (China RMB) USD-CNY (China RMB) USD-CNY (China RMB) USD-CNY (China RMB) USD-CNY (China RMB) USD-THB (India Rupees) USD-THB (India Rupees) USD-THB (India Rupees) USD-THB (India Rupees) USD-THY (Vietnam Cong) USD-THB (India Rupeas) USD-THB (India Rupeas) USD-THB (India Rupeas) USD-THB (India Rupeas)<	0.00%	=	0.72%		0.29%		0.72%	
FEXTILE FABRICS Cotton Wood Birch Polyester (Fuzhou) T/C Fabric Transparent PVC Fabric Frosted PVC Fabric PU Leather 0.7mm PVC Leather 0.7mm PVC Leather 0.7mm PVC Leather 0.7mm PVC Leather 0.7mm Real Leather 1.6 Feldspar Kaolin Quartz Alumina Claze Soda Ash Clase Grade Sand China Labor India Labor India Labor India Labor Hall adabor Maurial Electric China Industrial Electric China Industrial Electric China Industrial Electric China Diesel Oli Natural Gas LPG Gas PUEL & POWER China Industrial Electric China Industrial Electric China Diesel Oli Natural Gas LPG Gas LOPC Gas USO-TON (Chainare Compsite Index Shanghai-New York Shanghai-New York Shanghai-New York USD-TND (Taivan New Dollars) USD-TND (Vietnam Dong) USD-TND (Vietnam Dong) USD-TND (Vietnam Rupiah) USD-TND (Vietnam Dong) USD-TND (Vietnam Dong) USD-TND (Viet	0.00%	=	0.98%		-0.96%	•	-1.90%	▼
Birch Polyester (Fuzhou) T(C Fabric Transparent PVC Fabric Frosted PVC Fabric PU Leather 0.7mm PVC Leather 0.7mm Real Leather 1.6 Eddspar Kaolin Quartz Alumina Glaze Soda Ash Glaze Gaze China Industrial Electric China Petroleum Price	0.00%	=	0.00%	=	0.91%		3.75%	
Birch Polyester (Fuzhou) T(C Fabric Transparent PVC Fabric Frosted PVC Fabric PU Leather 0.7mm PVC Leather 0.7mm Real Leather 1.6 Eldspar Kaolin Quartz Alumina Glaze Soda Ash Glass Grade Sand India Labor India Labor India Labor Thailand Labor Thailand Labor China Industrial Electric China Petroleum Price EVEL & POWER China Industrial Electric China Industrial Electric China Set OII Natural Gas LDC Gas USO-TON (Chainare Compsite Index Shanghai-New York USD-TND (Taiwan New Dollars)	0.00%	=	0.00%	=	1.08%		3.89%	
T/C Fabric Transparent PVC Fabric Frosted PVC Fabric PU Leather 0.7mm PVC Leather 0.7mm Real Leather 1.6 Feldspar Kaolin Quartz Alumina Glaze Soda Ash Class Grade Sand China Labor India Labor Indonesia Labor Vetama Labor Bangladesh Labor Thaliand Labor Bangladesh Labor Thaliand Labor Thaliand Labor China Industrial Electric China Diesel Oll Natural Gas LPC Gas Vorld Container Compsite Index Shanghal-Los Angeles Los Angeles Shanghai Shanghal-Los Angeles Los POTV (China RMB) USD-TND (Vetnam Dong) USD-TND (Vetnam Dong) USD-TND (Vetnam Dong) USD-TND	0.00%	=		=			3.85%	
T/C Fabric Transparent PVC Fabric Frosted PVC Fabric PU Leather 0.7mm PVC Leather 0.7mm Real Leather 1.6 Feldspar Kaolin Quartz Alumina Glaze Soda Ash Class Grade Sand China Labor India Labor Indonesia Labor Vetama Labor Bangladesh Labor Thaliand Labor Bangladesh Labor Thaliand Labor Thaliand Labor China Industrial Electric China Diesel Oll Natural Gas LPC Gas Vorld Container Compsite Index Shanghal-Los Angeles Los Angeles Shanghai Shanghal-Los Angeles Los POTV (China RMB) USD-TND (Vetnam Dong) USD-TND (Vetnam Dong) USD-TND (Vetnam Dong) USD-TND	0.00%						6.87%	
Transparent PVC Fabric Frosted PVC Fabric PU Leather 0.7mm PVC Leather 0.7mm Real Leather 1.6 Feldspar Kaolin Quartz Alumina Glaze Soda Ash Glass Grade Sand India Labor Inda Labor Indonesia Labor Vetnam Labor Bangladesh Labor Thaliand Labor China Industrial Electric China Petroleum Price USD-CNY (China RMB) USD-CNY (China RMB) USD-CNY (China RMB) USD-CNY (China RMB) USD-TND (Taiwan New Dollars) USD-TND (Vietnam Dong) USD-TND (Vietnam Dong) USD-TND (Vietnam Dong)	0.00%			-			2.42%	-
Frosted PVC Fabric PU Leather 0.7mm PVC Leather 0.7mm Real Leather 1.6 Feldspar Kaolin Quartz Alumina Glaze Soda Ash Glass Grade Sand India Labor India Labor India Labor Vetnam Labor Bangladesh Labor Thaliand Labor China Industrial Electric China Petroleum Price China Industrial Electric China Industrial Electric China Petroleum Price China Petroleum Price USD-CAN FREIGHT Shanghai-Los Angeles Los Angeles-Shanghai Shanghai-Los Angeles Los Angeles-Shanghai Shanghai-Los Angeles Los Angeles-Shanghai USD-TNV (Taivan New Dollars) USD-TNV (Vietnam Dong) USD-TNV (Vietnam Dong) USD-TNV (Vi	0.00%						0.66%	
PU Leather 0.7mm PVC Leather 0.7mm Real Leather 1.6 Feldspar Kaolin Quartz Alumina Glaze Soda Ash Glass Grade Sand India Labor India Labor India Labor India Labor Thailand Labor Thailand Labor Thailand Labor China Industrial Electric China Industrial Electric China Diesel Oil Natural Gas LPG Gas Vord Container Compsite Index Shanghai-Los Angeles Los Angeles-Shanghai Shanghai-New York USD-CNY (China RMB) USD-CNY (China RMB) USD-TWD (Taiwan New Dollars) USD-TWD (Vietnam Dong) USD-TWD (Vietnam Dong) USD-TWD (Vietnam Cong) USD-TWD (Vietnam Cong) USD-TWD (Vietnam Augurat) CHINA (CFLP) China Fed of Logistics & Purchasing CHINA (CFLP) China Fed of Logistics & Purchasing CHINA <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>								
PVC Leather o.7mm Real Leather 1.6 Real Leather 1.6 Real Leather 1.6 Quartz Alumina Quartz Alumina Glaze Soda Ash Glass Grade Sand India Labor India Labor India Labor India Labor Thailand Labor Thailand Labor China Industrial Electric China Industrial Electric China Industrial Electric China Desel Oli Natural Gas LPG Gas Vord Container Compsite Index Shanghai-Los Angeles Los Angeles-Shanghai Shanghai-Los Angeles Los Angeles-Shanghai USD-CNY (China RMB) USD-CNY (China RMB) USD-TWD (Taiwan New Dollars) USD-TWD (Vietnam Dong) USD-TWD (Vietnam Dong) USD-TWD (Vietnam Rupiah) CN'JPY (Japanese Yen) EUR-CNY Cet INDEXES PURCHASING MANAGERS INDEX (PMI)-Manufacturing	0.00%						1.40%	_
Real Leather 1.6 Kaolin Quartz Alumina Glaze Soda Ash Glass Grade Sand India Labor India Labor Indonesia Labor Vietnam Labor Bangladesh Labor Thailand Labor Thailand Labor China Industrial Electric China Petroleum Price China Desel Oil Natural Gas Vord Container Compsite Index Shanghai-Los Angeles Los Angeles-Shanghai Shanghai-New York USD-CNY (China RMB) USD-CNY (China RMB) USD-INR (India Rupees) USD-INR (Indiang Bant) USD-INP (Vietnam Dong) USD-INP (Indonesian Rupiah) CNYJPY (Japanese Yen) EUR-CNY Cetri INDEXES VORCHASING MANAGERS INDEX (PMI)-Manufacturing CHINA (CFLP) China Fed of Logistits & Purchasing	0.00%						0.00%	=
ERAMICS Feldspar Kaolin Quartz Alumina Glaze Goda Ash Glaze Goda Ash Glaze ABOR RATES China Labor India Labor India Labor India Labor Indonesia Labor Thailand Labor Thailand Labor FUEL & POWER China Industrial Electric China Desel Oli Natural Gas PUEL & POWER China Industrial Electric China Desel Oli Natural Gas DOCEAN FREIGHT Shanghai-Los Angeles Shanghai-Los Angeles Los Angeles-Shanghai Shanghai-New York USD-CNY (China RMB) USD-CNY (China RMB) USD-THB (Indiane Rupeas) USD-TNR (India Rupees) USD-THB (Thailand Baht) USD-VND (Vietnam Dong) USD-VND (Vietnam Dong) USD-VND (Vietnam Congsite S A Purchasing CHINA CEPI INDEXES Verchasin Manifacturing ZAS (ISM) Institute of Supply Management CHINA CFLPD (China Fed of Logistics & Purchasing CHINA (CFLP) China Fed of Logistics & Purchasing CHINA Calasin/Markit China Manufa	0.00%				-		0.00%	=
ERAMICS Kaolin Quartz Quartz Alumina Glaze Soda Ash Glass Grade Sand Glass Grade Sand India Labor India Labor India Labor Indonesia Labor Bangladesh Labor Thailand Labor Thailand Labor FUEL & POWER China Industrial Electric China Desel Oli Natural Gas LPG Gas World Container Compsite Index Shanghal-New York Shanghal-Los Angeles DCEAN FREIGHT Shanghal-New York USD-CNY (China RMB) USD-CNY (China RMB) USD-TND (Taivan New Dollars) USD-TND (Taivan New Dollars) USD-TND (Taivan New Dollars) USD-TND (Taivan New Dollars) USD-INR (India Rupees) USD-INR (Indian Baht) USD-TND (Vietnam Dong) USD-INR (Indiane Rupiah) CHINA (CFLP) China Fed of Logistics & Purchasing CHINA (CFLP) China Fed of Logistics & Purchasing CHINA (SBC) HongKong / Casin/Markit China Manufacturing JSA JSA (ISM) Institute of Supply Management CHINA TAPE DATA Sangeb DATA	0.00%	=			0.00%	=	2.50%	
CERAMICS Quartz Quartz Alumina Glaze Soda Ash Glasz Grade Sand Class Grade Sand Class Grade Sand Class Grade Sand China Labor India Labor India Labor India Labor Hetnam Labor Bangladesh Labor Thailand Labor China Industrial Electric China Petroleum Price China Diesel Oll Natural Gas LPG Gas Vorld Container Compsite Index Shanghai-Los Angeles Los Angeles-Shanghai Shanghai-Los Angeles Los Angeles-Shanghai Shanghai-New York USD-CNY (China RMB) USD-BDT (Bangladesh Taka) USD-TNE (India Rupees) USD-TNE (In	0.00%	=	0.00%	=	0.00%	=	0.00%	=
CHAMICS Aumina Glaze Soda Ash Glaze Grade Sand Glass Grade Sand ABOR RATES India Labor India Labor Indonesia Labor Vietnam Labor Bangladesh Labor Thaliand Labor Bangladesh Labor Tualiand Labor China Industrial Electric China Diesel Oli Natural Gas LPC Gas Vorid Container Compsite Index Shanghai-Los Angeles Los Angeles-Shanghai Shanghai-Los Angeles Los Angeles-Shanghai Shanghai-Los Mew York USD-CNY (China RMB) USD-CNY (China RMB) USD-INR (India Rupees) USD-THB (Thalland Baht) USD-INR (India Rupees) USD-THB (Thalland Baht) USD-IND (Vietnam Dong) USD-IND (Vietnam Dong) USD-IND (Vietnam Dong) USD-IND (NongNon	0.00%	=	0.00%	=	0.00%	=	0.00%	=
Claze	0.00%	=	0.00%	=	0.00%	=	0.00%	=
Soda Ash Glass Grade Sand Glass Grade Sand China Labor India Labor India Labor India Sa Labor Vietnam Labor Bangladesh Labor Thailand Labor China Industrial Electric China Industrial Electric China Industrial Electric China Diesel Oil Natural Gas LPG Gas World Container Compsite Index Shanghai-Los Angeles Los Angeles-Shanghai Shanghai-Los Angeles Los Angeles-Shanghai Shanghai-New York USD-CNY (China RMB) USD-BDT (Bangladesh Taka) USD-INR (India Rupees) USD-INR (India Rupees) USD-INR (India Rupees) USD-THB (Thailand Baht) USD-INR (India Rupees) USD-THB (Thailand Baht) USD-INR (Indiana Rupiah) CNY-JPY (Japanese Yen) EUR-CNY CEY INDEXES PURCHASING MANAGERS INDEX (PMI)-Manufacturing ISA (ISM) Institute of Supply Management HINA (CFLP) China Fed of Logistics & Purchasing HINA (ISM) Institute of Supply Management HINA TADE DATA SA TRADE DATA	0.00%	=	0.00%	=	0.00%	=	0.00%	=
Class Grade Sand Class Grade Sand Class Grade Sand China Labor India Labor India Labor Indonesia Labor Vietnam Labor Thailand Labor Thailand Labor Thailand Labor China Industrial Electric China Industrial Electric China Diesel Oil Natural Gas LPG Gas Vorld Container Compsite Index Shanghai-Los Angeles Los Angeles-Shanghai Shanghai-Los Angeles Los Angeles-Shanghai Shanghai-New York USD-CNY (China RMB) USD-INR (India Rupes) USD-INR (0.00%	=	0.00%	=	0.52%		0.84%	
ABOR RATES China Labor India Labor India Labor Indonesia Labor Vietnam Labor Bangladesh Labor Thailand Labor Thailand Labor China Industrial Electric China Peroleum Price China Desel Oil Natural Cas ECG Cas World Container Compsite Index Shanghai-Los Angeles Los Angeles-Shanghai Shanghai-New York USD-CNY (China RMB) USD-BDT (Bangladesh Taka) USD-ND (Taiwan New Dollars) USD-INR (India Rupees) USD-THG (Indonesian Rupiah) CNY-JPY (Japanese Yen) EUR-CNY EEV INDEXES VICHASING MANAGERS INDEX (PMI)-Manufacturing ISA (ISBC) Hongkong / Caisin/Markit China Manufacturing ISA (ISM) Institute of Supply Management CHINA (ISBC) Hongkong / Caisin/Markit China Manufacturing ISA (ISM) Institute of Supply Management CHINA TABE DATA	0.00%	=	0.00%	=	2.50%		26.15%	
ABOR RATES India Labor Indonesia Labor Vietnam Labor Bangladesh Labor Thailand Labor Thailand Labor China Industrial Electric China Peroleum Price China Diesel Oil Natural Gas UFC Gas World Container Compsite Index Shanghai-Los Angeles Los Angeles-Shanghai Shanghai-New York Shanghai-New York USD-CNY (China RMB) USD-BDT (Bangladesh Taka) USD-INR (India Rupees) USD-TH (Indonesian Rupiah) USD-INR (Indonesian Rupiah) USD-INR (Indonesian Rupiah) EUR-CNY EEY INDEXES VIRCHASING MANAGERS INDEX (PMI)-Manufacturing IHINA (FISDC) Hong Kong / Calain/Markit China Manufacturing ISA (ISM) Institute of Supply Management CHINA TEADE DATA ISM TEADE DATA	0.00%	=	0.00%	=	1.67%		1.96%	
ABOR RATES Indonesia Labor Vietnam Labor Bangladesh Labor Thailand Labor Thailand Labor China Industrial Electric China Petroleum Price China Diesel Oil Natural Gas LPG Gas World Container Compsite Index Shanghai-Los Angeles Los Angeles-Shanghai Shanghai-New York Shanghai-New York USD-CNY (China RMB) USD-BDT (Bangladesh Taka) USD-INR (India Rupees) USD-THB (India Rupees) USD-IDR (Indonesian Rupiah) CNY-JPY (Japanese Yen) EUR-CNY EEY INDEXES VURCHASING MANAGERS INDEX (PMI)-Manufacturing HINA (FISBC) Hongkong / Calain/Markit China Manufacturing JSA (ISM) Institute of Supply Management HINA TADE DATA	0.00%	=	0.00%	=	0.00%	=	4.44%	
ABOR RATES Vietnam Labor Bangladesh Labor Thailand Labor Thailand Labor China Industrial Electric China Petroleum Price China Diesel Oil Natural Gas LPG Gas VCEAN FREIGHT Shanghai-Los Angeles Los Angeles-Shanghai Shanghai-New York USD-CNY (China RMB) USD-BDT (Bangladesh Taka) USD-INR (India Rupees) USD-THB (Thailand Baht) USD-INR (India Rupees) (INA (CFLP) China Fed of Logistics & Purchasing (INA (RISBC) Hongkong / Calain/Markit China Manufacturing JSA (ISM) Institute of Supply Management (IHINA TABE DATA	0.00%	=	0.00%	=	0.00%	=	0.00%	
Vietnam Labor Bangladesh Labor Thailand Labor China Industrial Electric China Diesel Oil Natural Gas LPG Gas World Container Compsite Index Shanghai-Los Angeles LPG Gas VOELAN FREIGHT Shanghai-Los Angeles Los Angeles-Shanghai Shanghai-New York USD-CNY (China RMB) USD-TWD (Taiwan New Dollars) USD-TWD (Taiwan New Dollars) USD-TWD (Taiwan New Dollars) USD-TWD (Vietnam Dong) USD-TND (Vietnam Dong) USD-TND (Vietnam Dong) USD-TND (Vietnam Maurfacturing CHINA (CFLP) China Fed of Logistics & Purchasing CHINA (CFLP) China Fed of Logistics & Purchasing CHINA (SM) Institute of Supply Management USA (SM) Institute of Supply Management Texta Lago One Month Topat Lago One Month	0.00%	=	0.00%	=	0.00%	=	4.98%	
Bangladesh Labor Thailand Labor Thailand Labor China Industrial Electric China Diesel Oil Natural Gas LPG Gas World Container Compsite Index Shanghai-Los Angeles Los Angeles-Shanghai Shanghai-New York USD-CNY (China RMB) USD-CNY (China RMB) USD-INR (India Rupees) USD-TWD (Taiwan New Dollars) USD-TWD (Taiwan New Dollars) USD-TWD (Vietnam Dong) USD-IDR (Indonesian Rupiah) CNY-JPY (Japanese Yen) EUR-CNY CEVERKES PURCHASING MANAGERS INDEX (PMI)-Manufacturing CHINA (CFLP) China Fed of Logistics & Purchasing CHINA (ISBC) Hongkong / Caixin/Markit China Manufacturing JSA JSA (ISM) Institute of Supply Management CHINA TADE DATA Tota Lago One Month Maports JSA TRADE DATA	0.00%	=	0.00%	=	0.00%	=		
CURENCY EXCHANGE CURE CHINA CAPE OF CHINA CHINA CAPE OF CHINA CHINA CAPE OF CHINA CHINA CAPE OF CHINA	0.00%	=		=	0.00%	=		•
China Industrial Electric China Petroleum Price China Diesel Oli Natural Gas LPG Gas World Container Compsite Index Shanghai-Los Angeles Los Angeles-Shanghai Shanghai-New York USD-CNY (China RMB) USD-BDT (Bangladesh Taka) USD-INR (India Rupees) USD-INR (India Rupees) USD-THB (Thalland Baht) USD-INR (India Rupees) USD-THB (Thalland Baht) USD-INR (Indonesian Rupiah) CNY-JPY (Japanese Yen) EUR-CNY KEY INDEXES PURCHASING MANAGERS INDEX (PMI)-Manufacturing CHINA (FLP) China Fed of Logistics & Purchasing (HINA (ISD) China Fed of Logistics & Purchasing CHINA (ISBC) Hongkong / Cabin/Markit China Manufacturing JSA (ISM) Institute of Supply Management CHINA TADE DATA CATA	0.00%	-			5 36%		0.00% 4.98% 5.88% -1.23% 5.36% 0.00% 3.56% 6.71% 2.94%	
China Petroleum Price China Diesel Oil Natural Gas LPG Gas Vorld Container Compsite Index Shanghai-Los Angeles Los Angeles Los Angeles USD-CNY (China RMB) USD-BDT (Bangladesh Taka) USD-CNY (China RMB) USD-BDT (Bangladesh Taka) USD-TWD (Taiwan New Dollars) USD-THB (Thailand Baht) USD-INR (India Rupeas) USD-THB (Thailand Baht) USD-INR (Indonesian Rupiah) CNY-JPY (Japanese Yen) EUR-CNY KEY INDEXES VUCHASING MANAGERS INDEX (PMI)-Manufacturing CHINA (FLP) China Fed of Logistics & Purchasing (HINA (HSBC) Hongkong / LSD-TAB (ISM) Institute of Supply Management CHINA TADE DATA VISA TABDE DATA	0.00%							=
China Diesel Oil Natural Gas LPG Gas Vorld Container Compsite Index Shanghai-Los Angeles Los Angeles Los Angeles Cos Angeles Los Angeles Shanghai-Los Angeles Los Angeles USD-CNY (China RMB) USD-CNY (China RMB) USD-CNY (China RMB) USD-INR (India Rupeas) USD-TMD (Taiwan New Dollars) USD-TMD (Taiwan New Dollars) USD-TMB (Indian Rupiah) CNV-JPY (Japanese Yen) EUR-CNY CEV INDEXES VUCHASING MANAGERS INDEX (PMI)-Manufacturing CHINA (FLP) China Fed of Logistics & Purchasing CHINA (ISBC) Hongtong / USD-TMD (Taiwan Meanufacturing USA (ISM) Institute of Supply Management CHINA TADE DATA Cabardan USD-TMD SA TRADE DATA	-1.00%							-
CURRENCY EXCHANGE World Container Compsite Index Shanghai-Los Angeles Los Angeles-Shanghai Shanghai-New York USD-CNY (China RMB) USD-CNY (China RMB) USD-TWD (Bangladesh Taka) USD-TWD (Taiwan New Dollars) USD-TWD (Taiwan New Dollars) USD-TWD (Vietnam Dong) USD-TND (Vietnam Dong) USD-IDR (Indionesian Rupiah) CNY-JPY (Japanese Yen) EUR-CNY KEY INDEXES VURCHASING MANAGERS INDEX (PMI)-Manufacturing CHINA (CFLP) China Fed of Logistics & Purchasing CHINA (SBC) Hong Kong / Caixin/Markit China Manufacturing JSA (ISM) Institute of Supply Management Punta Lago One Month mports Exports JSA TRADE DATA								
LPG Gas UVCLPG Gas UVC	-10.67%				-			A
CLARN FREIGHT World Container Compsite Index Shanghai-Los Angeles Shanghai-Los Angeles Los Angeles-Shanghai Shanghai-New York USD-CNY (China RMB) USD-CNY (China RMB) USD-BDT (Bangladesh Taka) USD-INR (India Rupees) USD-TWD (Taiwan New Dollars) USD-THB (India Rupees) USD-THE (India Rupees) USD-THB (India Baht) USD-THE (Indonesian Rupiah) CNY-JPY (Japanese Yen) EUR-CNY EUR-CNY KEY INDEXES VICHASING MANAGERS INDEX (PMI)-Manufacturing CHINA (CFLP) China Fed of Logistics & Purchasing CHINA (ISBC) Hongkong / Caixin/Markit China Manufacturing JSA JSA (ISM) Institute of Supply Management CHINA TRADE DATA USD-ISA Lago One Month	-0.57%							
Shanghai-Los Angeles Los Angeles-Shanghai Shanghai-New York USD-CNY (China RMB) USD-EDT (Bangladesh Taka) USD-IDR (India Rupees) USD-TWD (Taiwan New Dollars) USD-TWD (Taiwan New Dollars) USD-THB (Indiand Baht) USD-IDR (Indonesian Rupiah) CNY-IND (Vietnam Dong) USD-IDR (Indonesian Rupiah) CNY-JPY (Japanese Yen) EUR-CNY KEY INDEXES VURCHASING MANAGERS INDEX (PMI)-Manufacturing CHINA (CFLP) China Fed of Logistics & Purchasing CHINA (ISBC) Hongkong / Caixin/Markit China Manufacturing JSA JSA (ISM) Institute of Supply Management CHINA TAPE DATA Data Lago One Month mports Say Trabe DATA	0.04%						6.17%	
CLEAN FREICHI Los Angeles-Shanghai Shanghai-New York Shanghai-New York USD-CNY (China RMB) USD-CNY (China RMB) USD-BDT (Bangladesh Taka) USD-INR (India Rupees) USD-INK (India Rupees) USD-INK (India Rupees) USD-TWD (Taiwan New Dollars) USD-THB (Indiane Baht) USD-IDR (Indonesian Rupiah) CNV-JPY (Japanese Yen) EUR-CNY EUR-CNY KEY INDEXES FURCHASING MANAGERS INDEX (PMI)-Manufacturing CHINA (CFLP) China Fed of Logistics & Purchasing CHINA (ISM) Institute of Supply Management CHINA TRADE DATA Data Lags One Month mports Exports Exports USD-TAK	-17.28%				-70.88%		-77.00%	•
Shanghai-New York USD-CNY (China RMB) USD-CNY (China RMB) USD-BDT (Bangladesh Taka) USD-INR (India Rupees) USD-TWD (Taiwan New Dollars) USD-THB (India Rupees) USD-THE (India Rupees) USD-THE (India Rupees) USD-THE (Indiand Baht) USD-THE (Indoesian Rupiah) CNY-JPY (Japanes Yen) EUR-CNY KEY INDEXES PURCHASING MANAGERS INDEX (PMI)-Manufacturing CHINA (CFLP) China Fed of Logistics & Purchasing CHINA (ISM) Institute of Supply Management CHINA TRADE DATA 'Data Lago One Month mports Exports Sta TRADE DATA 'Data Lago DATA	-7.63%	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	-75-93%		-81.00%	•		
LURRENCY EXCHANGE USD-CNY (China RMB) USD-BDT (Bangladesh Taka) USD-TWD (Taiwan New Dollars) USD-TWD (Taiwan New Dollars) USD-TWD (Taiwan New Dollars) USD-TWD (Taiwan New Dollars) USD-TWD (Vietnam Dong) USD-TWD (Vietnam Dong) USD-IDR (Indonesian Rupiah) (NY-JPY (Japanese Yen) EUR-CNY KEY INDEXES PURCHASING MANAGERS INDEX (PMI)-Manufacturing HINA (FCFLP) China Fed of Logistics & Purchasing (HINA (FSBC) Hongkong / LHINA (FSBC) Hongkong / DSBC) Hongkong / LHINA (ISBC) Hongkong / DSA (ISBC) Hongkong / DSA (ISBC) One Month mports Exports SA TRADE DATA	-0.27%	•	nnnn0.00%=0.91%A1.08%41.06%A1.32%A-10.63%Y1.32%A-10.63%Y1.32%A0.60%A0.90%A0.60%A1.32%A0.60%A1.32%A0.60%A1.32%A0.62%A1.32%A0.62%A1.32%A0.04%A1.13%A0.04%A1.13%A0.04%F1.13%A0.00%F1.13%A0.00%F1.13%A0.00%F1.13%A0.00%F1.13%A0.00%F1.13%A0.00%F1.13%A0.00%F1.13%A0.00%F1.13%A0.00%F1.13%A0.00%F1.13%A0.00%F1.13%A0.00%F1.13%A0.00%F1.13%A0.00%F1.13%A0.00%F1.13%A1.61%A1.13%A1.61%A1.13%A1.61%A1.13%A1.61%A1.13%A1.61%A1.13%A1.61%A1.13%A1.61%	-11.00%	•			
USD-BDT (Bangladesh Taka) USD-BDT (Bangladesh Taka) USD-INR (India Rupees) USD-TWD (Taiwan New Dollars) USD-THB (Thailand Baht) USD-THB (Thailand Baht) USD-THB (Indonesian Rupiah) (USD-IDR (Indonesian Rupiah) (NY-JPY (Japanese Yen) EUR-CNY EVINDEXES PURCHASING MANAGERS INDEX (PMI)-Manufacturing HINA (CFLP) China Fed of Logistics & Purchasing (HINA (CFLP) China Fed of Logistics & Purchasing HINA (CFLP) China Fed of Logistics & Purchasing HINA (ISBC) Hongkong / JSA (ISM) Institute of Supply Management HINA TABLE DATA Data Lags One Month mports Exports EXPERDENT	-19.89%	•	-51.33%	•	-61.73%	•	-70.00%	•
USD-INR (India Rupees) USD-INR (India Rupees) USD-TWD (Taiwan New Dollars) USD-TWD (Taiwan New Dollars) USD-THB (Thailand Baht) USD-INR (Indonesian Rupiah) CNY-JPY (Japanese Yen) EUR-CNY CEV INDEXES PURCHASING MANAGERS INDEX (PMI)-Manufacturing CHINA (CFLP) China Fed of Logistics & Purchasing CHINA (CFLP) CHINA (CFLP) (CFLP) CHINA (CFLP) CHINA (CFLP) (CFLP) CHINA (CFLP) (CFLP) CHINA (CFLP) (CFLP) (CFLP) (CFLP) (C	-2.96%	•	-1.90%	•	3.77%		9.26%	
USD-TWD (Taiwan New Dollars) USD-TWD (Taiwan New Dollars) USD-THB (Thailand Baht) USD-THB (Thailand Baht) USD-THB (Thailand Baht) USD-THB (Indonesian Rupiah) CNY-JPY (Japanese Yen) EUR-CNY KEY INDEXES PURCHASING MANAGERS INDEX (PMI)-Manufacturing CHINA (CFLP) China Fed of Logistics & Purchasing CHINA (CFLP) China Fed of Logistics & Purchasing CHINA (SBC) Hongkong / Caixin/Markit China Manufacturing JSA (ISM) Institute of Supply Management CHINA TRADE DATA Data Lags One Month mports Exports JSA TRADE DATA	4.01%		4.95%		14.07%		24.17%	
URRENCY EXCHANGE USD-THB (Thailand Baht) USD-THB (Thailand Baht) USD-THB (Thailand Baht) USD-IDR (Indonesian Rupiah) CNY-JPY (Japanese Yen) EUR-CNY KEY INDEXES PURCHASING MANAGERS INDEX (PMI)-Manufacturing CHINA (CFLP) China Fed of Logistics & Purchasing (HINA (CFLP) China Fed of Logistics & Purchasing China (HSBC) Hongkong / Caixin/Markit China Manufacturing JSA (ISM) Institute of Supply Management CHINA TRADE DATA * Data Lags One Month mports Exports JSA TRADE DATA	1.66%		1.52%		4.94%		11.27%	
ATES USD-THE (Thailand Bant) USD-THE (Thailand Bant) USD-VND (Vietnam Dong) USD-IDR (Indonesian Rupiah) CNY-JPY (Japanese Yen) EURCANY EVEVINDEXES VURCHASING MANAGERS INDEX (PMI)-Manufacturing CHINA (CFLP) China Fed of Logistics & Purchasing (HINA (HSBC) Hongkong / Caixin/Markit China Manufacturing USA (ISM) Institute of Supply Management CHINA TADE DATA Data Lago One Month mports Exports SA TRADE DATA	-0.35%	•	-3.13%	•	3.28%		10.76%	
USD-VND (Vietnam Dong) USD-IDR (Indonesian Rupiah) CNY-JPY (Japanese Yen) EUR-CNY EUR-CNY KEY INDEXES PURCHASING MANAGERS INDEX (PMI)-Manufacturing CHINA (CFLP) China Fed of Logistics & Purchasing CHINA (CFLP) CHINA (CFLP) (CFLP) CHINA (CFLP) CHINA (CFLP) (CFLP) (CFLP) CHINA (CFLP)	-1.86%	•	-8.70%	•	-2.07%	•	3.70%	
CNY-JPY (Japanese Yen) EUR-CNY KEY INDEXES VURCHASING MANAGERS INDEX (PMI)-Manufacturing CHINA (CFLP) China Fed of Logistics & Purchasing CHINA (HSBC) Hongkong / Caixin/Markit China Manufacturing JSA (ISM) Institute of Supply Management CHINA TRADE DATA P Data Lago One Month mports Exports JSA TRADE DATA	-3.72%	•	-0.58%	•	1.48%		3.78%	
EUR-CNY EVINDEXES URCHASING MANAGERS INDEX (PMI)-Manufacturing HINA (FIBC) Hongkong / Caixin/Markit China Manufacturing USA (ISM) Institute of Supply Management CHINA TRADE DATA Data Lage One Month mports Exports USA TRADE DATA	-0.58%	•	2.76%		4.94%		9.56%	
KEY INDEXES PURCHASING MANAGERS INDEX (PMI)-Manufacturing CHINA (CFLP) China Fed of Logistics & Purchasing CHINA (HSBC) Hongkong / Caixin/Markit China Manufacturing JSA (ISM) Institute of Supply Management CHINA TRADE DATA Data Lags One Month mports Exports JSA TRADE DATA JSA TRADE DATA	-1.77%	•	-6.51%	•	-6.37%	•	5-54%	
PURCHASING MANAGERS INDEX (PMI)-Manufacturing UHINA (CFLP) China Fed of Logistics & Purchasing UHINA (HSBC) Hongkong / Caixin/Markit China Manufacturing JSA (ISM) Institute of Supply Management UHINA TRADE DATA 'Data Lags One Month mports xports S5A TRADE DATA	0.26%		6.57%				2.81%	
CHINA (CFLP) China Fed of Logistics & Purchasing CHINA (HSBC) Hongkong / Caixin/Markit China Manufacturing JSA (ISM) Institute of Supply Management CHINA TRADE DATA Imports Sxports Imports SA SA TRADE DATA								
HINA (HSBC) Hongkong / Cakin/Markit China Manufacturing JSA (ISM) Institute of Supply Management HINA TRADE DATA Data Lags One Month mports Exports JSA TRADE DATA	Dec,20	022	Nov,20	022	1 MONTH C	HANGE	12 MONTH (HAN
IFIIVA Caixin/Markit China Manufacturing JSA (ISM) Institute of Supply Management IRINA TRADE DATA Data Lags One Month mports xports JSA TRADE DATA	50.3		48.0		-2.08%		-6.56%	
Catxin/Markit China Manufacturing USA (ISM) Institute of Supply Management HINA TRADE DATA Data Lags One Month mports xports Storts Storts Stort ADATA	50.9		49.4				-3.73%	
HINA TRADE DATA Data Lags One Month mports xports XSA TRADE DATA	58.7						-17.55%	
Data Lags One Month mports xports ISA TRADE DATA								
ixports JSA TRADE DATA	Dec,20						3 MONTH C	
ISA TRADE DATA	228.0						-4.20%	
	306.0						-5.26%	
Data Lags One Month	Nov,2022						3 MONTH CHANG	
mports	313.4						-4.01%	
xports	251.9)	256.0	5	-2.00)%	-3.42	%
HINA MANUFACTURING & CONSUMER DATA	Dec,2022		Nov,2022		Oct,2022		Sept,2022	
Data Lags One Month hina Producer Price Index (PPI)			98.7		98.7		101.0	
hina Producer Price Index (PPI) hina Consumer Price Index (CPI)	99-3 101.8		98./		98.7 102.1		101.0	