Market Correlations:
US Trade-Weighted Dollar & Other Currencies

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**Market Correlations: TWD & Other Currencies**

**Figure 1.**

**INDUSTRIALS COMMODITY PRICE INDEX & TRADE-WEIGHTED DOLLAR**

- CRB Raw Industrials Spot Price Index* (1967=100)
- JP Morgan Nominal Broad Effective Exchange Rate** (inverted scale)

* Includes copper scrap, lead scrap, steel scrap, tin, zinc, burlap, cotton, print cloth, wool tops, hides, rosin, rubber, and tallow.

** Argentina, Australia, Brazil, Bulgaria, Canada, Chile, China, Colombia, Croatia, Czech Republic, Denmark, Ecuador, Egypt, France, Germany, Hong Kong, Hungary, Japan, India, Indonesia, Israel, Italy, Korea, Kuwait, Malaysia, Mexico, Morocco, New Zealand, Nigeria, Norway, Pakistan, Panama, Peru, Philippines, Poland, Romania, Russia, Saudi Arabia, Singapore, South Africa, Spain, Sweden, Switzerland, Taiwan, Thailand, Turkey, United Kingdom, Ukraine, Uruguay, Venezuela, Vietnam, and United States. Source: Commodity Research Bureau and JP Morgan.

**Figure 2.**

**BRENT CRUDE OIL PRICE & TRADE-WEIGHTED DOLLAR**

- Brent Crude Oil Futures Price* (dollars per barrel)
- JP Morgan Nominal Broad Effective Exchange Rate** (inverted scale)

* Nearby futures price.

** Argentina, Australia, Brazil, Bulgaria, Canada, Chile, China, Colombia, Croatia, Czech Republic, Denmark, Ecuador, Egypt, France, Germany, Hong Kong, Hungary, Japan, India, Indonesia, Israel, Italy, Korea, Kuwait, Malaysia, Mexico, Morocco, New Zealand, Nigeria, Norway, Pakistan, Panama, Peru, Philippines, Poland, Romania, Russia, Saudi Arabia, Singapore, South Africa, Spain, Sweden, Switzerland, Taiwan, Thailand, Turkey, United Kingdom, Ukraine, Uruguay, Venezuela, Vietnam, and United States. Source: JP Morgan and Haver Analytics.
Figure 3.

RELATIVE PERFORMANCE OF US MSCI & TRADE-WEIGHTED DOLLAR
(daily)

US MSCI (in US$)
Divided by
All Country World
ex US MSCI
(in local currencies)

JP Morgan Nominal
Broad Effective Exchange Rate*

* Argentina, Australia, Brazil, Bulgaria, Canada, Chile, China, Colombia, Croatia, Czech Republic, Denmark, Ecuador, Egypt, France, Germany, Hong Kong, Hungary, Japan, India, Indonesia, Israel, Italy, Korea, Kuwait, Malaysia, Mexico, Morocco, New Zealand, Nigeria, Norway, Pakistan, Panama, Peru, Philippines, Poland, Romania, Russia Saudi Arabia, Singapore, South Africa, Spain, Sweden, Switzerland, Taiwan, Thailand, Turkey, United Kingdom, Ukraine, Uruguay, Venezuela, Vietnam, and United States.
Source: MSCI and JP Morgan.

Figure 4.

EMERGING MARKETS MSCI STOCK PRICE INDEX &
TRADE-WEIGHTED DOLLAR

Emerging Markets
MSCI Stock Price Index
(in local currencies)

JP Morgan Nominal
Broad Effective Exchange Rate*
(inverted scale)

* Argentina, Australia, Brazil, Bulgaria, Canada, Chile, China, Colombia, Croatia, Czech Republic, Denmark, Ecuador, Egypt, France, Germany, Hong Kong, Hungary, Japan, India, Indonesia, Israel, Italy, Korea, Kuwait, Malaysia, Mexico, Morocco, New Zealand, Nigeria, Norway, Pakistan, Panama, Peru, Philippines, Poland, Romania, Russia Saudi Arabia, Singapore, South Africa, Spain, Sweden, Switzerland, Taiwan, Thailand, Turkey, United Kingdom, Ukraine, Uruguay, Venezuela, Vietnam, and United States. Source: JP Morgan and Morgan Stanley Capital International.
Figure 5. **TRADE-WEIGHTED DOLLAR & EXPECTED INFLATION**

- **Expected Inflation in 10-Year TIPS\(^*\)**
- **JP Morgan Nominal Broad Effective Exchange Rate\(^**\) (inverted scale)

\(^*\) Yield spread between 10-year US Treasury bond and comparable TIPS.

\(^**\) Argentina, Australia, Brazil, Bulgaria, Canada, Chile, China, Colombia, Croatia, Czech Republic, Denmark, Ecuador, Egypt, France, Germany, Hong Kong, Hungary, Japan, India, Indonesia, Israel, Italy, Korea, Kuwait, Malaysia, Mexico, Morocco, New Zealand, Nigeria, Norway, Pakistan, Panama, Peru, Philippines, Poland, Romania, Russia, Saudi Arabia, Singapore, South Africa, Spain, Sweden, Switzerland, Taiwan, Thailand, Turkey, United Kingdom, Ukraine, Uruguay, Venezuela, Vietnam, and United States. Source: Commodity Research Bureau and JP Morgan.

Figure 6. **S&P 500 ENERGY/TRANSPORTATION & CRUDE OIL PRICE**

- **Energy Index /Transportation Index**
- **Brent Crude Oil Futures Price\(^*\) (dollars per barrel)**

\(^*\) Spot price through yearend 2014, then nearby futures price.

Source: Standard & Poor’s and Financial Times.
Figure 7.

EMERGING MARKETS MSCI STOCK PRICE INDEX & TRADE-WEIGHTED DOLLAR

Emerging Markets MSCI Stock Price Index (local currency)
JP Morgan Nominal Broad Effective Exchange Rate*

* Argentina, Australia, Brazil, Bulgaria, Canada, Chile, China, Colombia, Croatia, Czech Republic, Denmark, Ecuador, Egypt, France, Germany, Hong Kong, Hungary, Japan, India, Indonesia, Israel, Italy, Korea, Kuwait, Malaysia, Mexico, Morocco, New Zealand, Nigeria, Norway, Pakistan, Panama, Peru, Philippines, Poland, Romania, Russia, Saudi Arabia, Singapore, South Africa, Spain, Sweden, Switzerland, Taiwan, Thailand, Turkey, United Kingdom, Ukraine, Uruguay, Venezuela, Vietnam, and United States.

Figure 8.

INDUSTRIALS COMMODITY PRICE INDEX & TRADE-WEIGHTED DOLLAR
(yearly percent change)

CRB Raw Industrials Spot Price Index*
JP Morgan Nominal Broad Effective Exchange Rate**

* Includes copper scrap, lead scrap, steel scrap, tin, zinc, burlap, cotton, print cloth, wool tops, hides, rosin, rubber, and tallow.
** Argentina, Australia, Brazil, Bulgaria, Canada, Chile, China, Colombia, Croatia, Czech Republic, Denmark, Ecuador, Egypt, France, Germany, Hong Kong, Hungary, Japan, India, Indonesia, Israel, Italy, Korea, Kuwait, Malaysia, Mexico, Morocco, New Zealand, Nigeria, Norway, Pakistan, Panama, Peru, Philippines, Poland, Romania, Russia, Saudi Arabia, Singapore, South Africa, Spain, Sweden, Switzerland, Taiwan, Thailand, Turkey, United Kingdom, Ukraine, Uruguay, Venezuela, Vietnam, and United States. Source: Commodity Research Bureau and JP Morgan.
* Includes copper scrap, lead scrap, steel scrap, tin, zinc, burlap, cotton, print cloth, wool tops, hides, rosin, rubber, and tallow.

Source: Haver Analytics.

* Includes copper scrap, lead scrap, steel scrap, tin, zinc, burlap, cotton, print cloth, wool tops, hides, rosin, rubber, and tallow.

Source: Haver Analytics.