



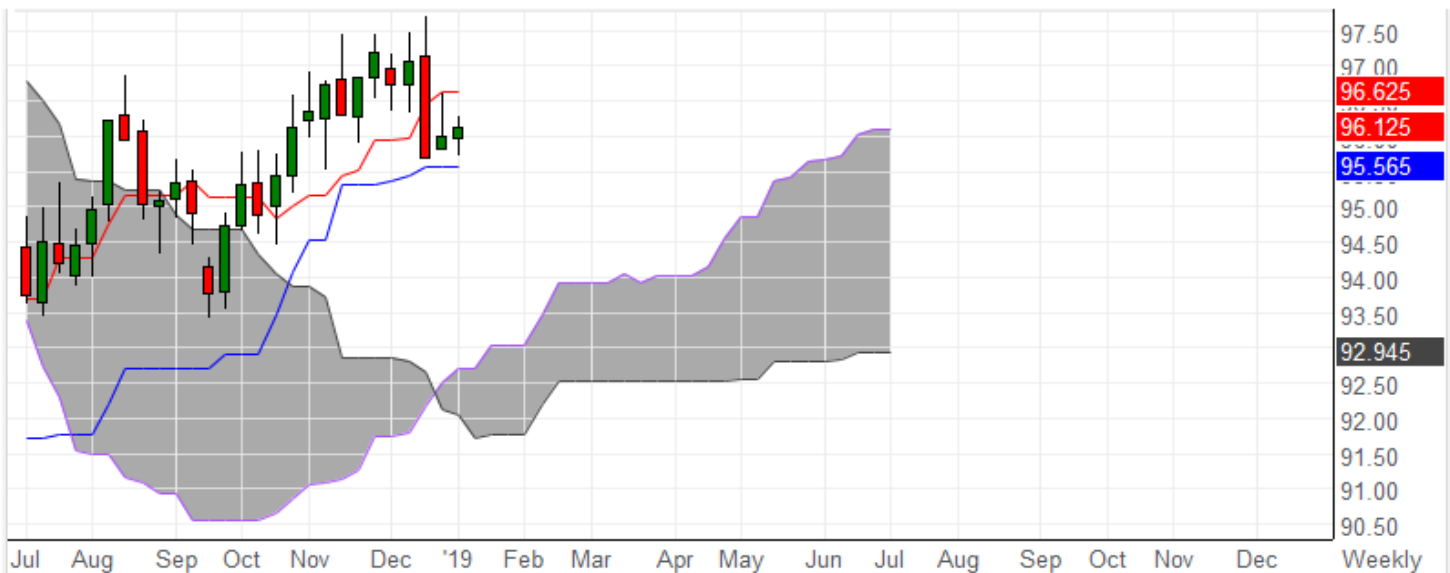
Mini U.S. Dollar Index® Monthly – December 2018

- The dollar weakened as the month of December wore on, with U.S. Dollar Index® dropping below 96 to end the month at the low.
- Global concerns surrounding economic growth in 2019 reduced analyst's projections for rate hikes by the Federal Reserve, tempering USD gains.
- EUR and GBP held tight ranges against the dollar for the month, but the precipitous fall in oil prices drove CAD to an 18-month low vs. the greenback.
- Emerging market currencies continued their improvement in December, as the potential for few Fed rate increases boost fiscal outlooks in the EM countries.

Spot Rates	TICKER	31-Dec-18	30-Nov-18	Monthly Change
USD/EUR	EUR A0-FX	1.14644	1.13135	1.334%
JPY/USD	JPY A0-FX	109.64	113.519	-3.417%
USD/GBP	GBP A0-FX	1.2753	1.2752	0.008%
CAD/USD	CAD A0-FX	1.3638	1.3291	2.611%
SEK/USD	SEK A0-FX	8.8541	9.09505	-2.649%
CHF/USD	CHF A0-FX	0.9826	0.99735	-1.479%
US Dollar Index	DX A0	96.173	97.272	-1.130%
Front month				
Mini USDX	SDX-ICS	95.965	97.196	-1.267%
OTHER CONTRACTS				
Mini Brent Crude	BM-ICS	53.21	58.71	-9.368%
MSCI World Index	MWL	1877.1	2043.2	-8.129%
MSCI Emerging Markets Index	MME	966.8	999.6	-3.281%
Mini US Dollar/Offshore Renminbi	CHM-ICS	6.8845	6.9436	-0.851%
Kilo Gold	AU-ICS	41.17	39.39	4.519%
Mini USDX Correlations				
		20 Days	90 Days	255 Days
Mini Brent Crude		0.81	-0.70	0.10
MSCI World Index		0.65	-0.74	-0.38
MSCI Emerging Markets Index		0.43	-0.67	-0.91
Mini US Dollar/Offshore Renminbi		-0.06	0.54	0.88
Kilo Gold		-0.66	0.50	-0.84

Source: ICE Connect

Mini USDX® Front Month Performance (Current Year - Weekly) with Ichimoku Analysis

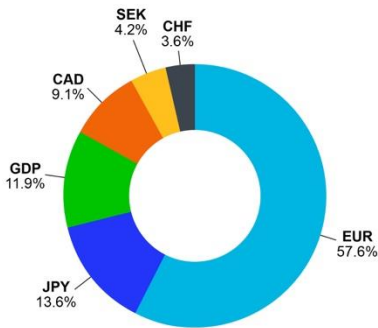


Source: ICE Connect



Hedging the U.S. Dollar in a Single Transaction

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The **Mini USDX® Futures contract** –

- Has a contract size of US \$200 x index value
- Helps achieve cost efficiency
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