

FX Rates Summary as of November 30 2018

Comparing rates on last reported earnings date to average Q1'19 rates

		FX Rates				% Change		
		9/17/2018	September-18	October-18	November-18	09/17/18 Spot vs	09/17/18 Spot vs	09/17/18 Spot vs
		Spot	Average	Average	Average	September 18 Avg	October 18 Avg	November 18 Avg
Americas								
Brazil	BRL	0.24099	0.24323	0.26595	0.26425	+0.9%	+10.4%	+9.7%
Canada	CAD	0.76749	0.76701	0.76888	0.75740	-0.1%	+0.2%	-1.3%
Mexico	MXN	0.05304	0.05259	0.05219	0.04939	-0.8%	-1.6%	-6.9%
EMEA								
Euro	EUR	1.16895	1.16686	1.14846	1.13625	-0.2%	-1.8%	-2.8%
Switzerland	CHF	1.03918	1.03330	1.00610	0.99854	-0.6%	-3.2%	-3.9%
UAE	AED	0.27225	0.27225	0.27225	0.27225	-0.0%	-0.0%	-0.0%
UK	GBP	1.31525	1.30677	1.30118	1.29019	-0.6%	-1.1%	-1.9%
APAC								
Australia	AUD	0.71805	0.72062	0.71092	0.72471	+0.4%	-1.0%	+0.9%
China	CNY	0.14558	0.14589	0.14442	0.14410	+0.2%	-0.8%	-1.0%
India	INR	0.01381	0.01385	0.01359	0.01391	+0.3%	-1.6%	+0.8%
Japan	JPY	0.00893	0.00893	0.00887	0.00882	-0.1%	-0.7%	-1.2%
Korea	KRW	0.00089	0.00089	0.00088	0.00089	+0.6%	-0.5%	-0.1%
Singapore	SGD	0.72929	0.72941	0.72495	0.72730	+0.0%	-0.6%	-0.3%

* Source: FactSet

FX Rates Summary as of November 30 2018

Comparing average Q1'18 rates to average Q1'19 rates

					% Change		
		September-17 Average	October-17 Average	November-17 Average	September 18 Avg vs September 17 Avg	October 18 Avg vs October 17 Avg	November 18 Avg vs November 17 Avg
Americas							
Brazil	BRL	0.31923	0.31352	0.30638	-23.8%	-15.2%	-13.8%
Canada	CAD	0.81449	0.79383	0.78298	-5.8%	-3.1%	-3.3%
Mexico	MXN	0.05609	0.05326	0.05279	-6.2%	-2.0%	-6.4%
EMEA							
Euro	EUR	1.19126	1.17585	1.17369	-2.0%	-2.3%	-3.2%
Switzerland	CHF	1.03874	1.01904	1.00823	-0.5%	-1.3%	-1.0%
UAE	AED	0.27226	0.27226	0.27226	-0.0%	-0.0%	-0.0%
UK	GBP	1.33418	1.32063	1.32155	-2.1%	-1.5%	-2.4%
APAC							
Australia	AUD	0.79723	0.77890	0.76220	-9.6%	-8.7%	-4.9%
China	CNY	0.15221	0.15093	0.15097	-4.2%	-4.3%	-4.5%
India	INR	0.01551	0.01537	0.01541	-10.7%	-11.6%	-9.7%
Japan	JPY	0.00903	0.00886	0.00886	-1.1%	+0.1%	-0.4%
Korea	KRW	0.00088	0.00088	0.00091	+1.2%	+0.2%	-2.1%
Singapore	SGD	0.74087	0.73546	0.73749	-1.5%	-1.4%	-1.4%

* Source: FactSet