

Overview of Exchange Rates – 2008 and 2009

Select quarterly average currency rates versus the Euro

In order to provide additional transparency, SAP is publishing the following chart which contains quarterly average currency rates versus the euro for some common currencies. While it is not a complete list of the different currencies in which SAP does business, the list represents currencies from SAP's three largest geographies outside of the geographies represented by the euro.

SAP calculates constant currency year-over-year changes in revenue and operating income by translating foreign currencies using the average exchange rates from the previous (comparator) year instead of the report year. This is done on a monthly basis by applying the prior year's monthly average exchange rates to the foreign currency revenues and expenses of the respective month. Therefore the quarterly average currency exchange rates shown below differ from the monthly average currency exchange rates that SAP uses to calculate its reported constant currency growth rates.

Currency	Average Q1			Average Q2			Average Q3			Average Q4			Average Year		
	2009	2008	Change	2009	2008	Change	2009	2008	Change	2009	2008	Change	2009	2008	Change
US Dollar	1.30	1.51	-14%		1.56			1.49			1.32			1.47	
British Pound	0.91	0.76	20%		0.79			0.80			0.86			0.80	
Japanese Yen	123	157	-22%		164			159			125			149	