

III. Effective exchange rates

3. Indicators of the German economy's price competitiveness *

Q1 1999 = 100

Yearly, quarterly or monthly average	Based on the deflators of total sales vis-à-vis					Based on consumer price indices vis-à-vis							
	27 selected industrial countries ¹				37 countries ²	27 selected industrial countries ¹					37 countries ²	60 countries ^{2 3}	
	Total	of which:		Euro area countries		Non-euro area countries	Total	of which:		Euro area countries			Non-euro area countries
		Euro area countries	Non-euro area countries					Euro area countries	Non-euro area countries				
1999	97.9	99.6	95.7	95.7	97.6	98.3	100.1	96.1	96.1	98.1	97.8		
2000	92.0	97.5	85.5	85.5	91.2	93.1	99.0	86.1	86.1	92.3	91.2		
2001	91.9	96.8	86.2	86.2	90.7	93.0	98.1	86.9	86.9	91.7	91.1		
2002	92.7	96.1	88.7	88.7	91.4	93.5	96.9	89.4	89.4	92.2	91.9		
2003	96.3	95.3	98.0	95.8	95.8	97.0	95.7	99.0	99.0	96.7	96.8		
2004	96.8	94.2	100.6	96.2	96.2	98.5	95.4	102.9	102.9	98.2	98.4		
2005	95.4	92.6	99.4	93.9	93.9	98.5	95.2	103.2	103.2	97.2	96.8		
2006	94.1	91.0	98.8	92.2	92.2	98.6	94.8	104.0	104.0	96.8	96.0		
2007	95.3	90.3	102.9	92.7	92.7	100.9	95.1	109.6	109.6	98.3	97.4		
2008	95.6	89.0	106.1	92.0	92.0	102.4	94.5	114.6	114.6	98.5	97.6		
2009	96.2	90.1	105.8	93.0	93.0	101.9	94.4	113.5	113.5	98.6	97.9		
2010	93.4	89.5	99.2	88.9	88.9	98.8	94.0	105.7	105.7	94.3	92.5		
2011	93.0	89.2	98.6	88.2	88.2	98.2	93.7	104.8	104.8	93.5	91.9		
2012	90.9	89.0	93.5	85.5	85.5	95.9	93.2	99.5	99.5	90.5	88.9		
2013	93.3	89.6	98.6	87.6	87.6	98.1	93.3	105.2	105.2	92.3	90.9		
2014	94.0	90.5	99.1	88.4	88.4	98.2	93.6	104.8	104.8	92.5	91.5		
2015	90.7	91.1	90.1	84.4	84.4	94.3	94.1	94.4	94.4	87.8	86.9		
2016	91.6	91.6	91.7	85.8	85.8	95.0	94.1	96.1	96.1	88.8	88.1		
2017	92.8	91.6	94.6	86.5	86.5	96.3	94.2	99.2	99.2	89.9	88.9		
2018	94.1	91.7	97.6	87.5	87.5	97.7	94.4	102.5	102.5	91.1	90.8		
2019	93.1	91.9	94.8	86.6	86.6	96.4	94.3	99.3	99.3	89.9	89.4		
2020	93.3	92.1	94.9	87.3	87.3	96.4	94.2	99.5	99.5	90.1	90.1		
2021	94.1	92.3	96.8	87.3	87.3	97.4	94.8	101.0	101.0	90.6	90.9		
2022	92.4	91.7	93.1	85.5	85.5	95.9	94.5	97.7	97.7	89.1	89.0		
2023	93.8	91.9	96.5	87.5	87.5	98.0	95.2	101.9	101.9	91.2	91.6		
2021 June						97.9	95.0	102.0	102.0	91.0	91.3		
July						97.8	95.3	101.3	101.3	91.0	91.2		
Aug.	94.3	92.5	97.0	87.5	87.5	97.4	95.1	100.7	100.7	90.7	90.8		
Sep.						97.3	94.8	100.7	100.7	90.6	90.7		
Oct.						96.7	94.6	99.6	99.6	90.0	90.1		
Nov.	93.7	92.4	95.5	86.6	86.6	96.1	94.3	98.6	98.6	89.4	89.6		
Dec.						95.8	94.1	97.9	97.9	88.9	89.4		
2022 Jan.						96.0	94.2	98.4	98.4	89.0	89.4		
Feb.	93.3	92.2	94.6	86.0	86.0	96.2	94.1	98.9	98.9	89.1	89.4		
Mar.						96.3	94.4	98.7	98.7	89.5	89.9		
Apr.						96.1	94.7	97.8	97.8	88.9	88.8		
May	92.5	91.8	93.5	85.4	85.4	96.5	95.2	98.1	98.1	89.5	89.1		
June						95.7	94.2	97.6	97.6	88.7	88.3		
July						94.8	94.1	95.4	95.4	87.9	87.5		
Aug.	91.3	91.3	91.2	84.5	84.5	94.5	93.9	94.9	94.9	87.7	87.3		
Sep.						95.9	94.9	96.9	96.9	89.1	88.7		
Oct.						96.0	94.6	97.6	97.6	89.7	89.4		
Nov.	92.4	91.7	93.3	86.0	86.0	97.0	95.3	99.2	99.2	90.6	90.3		
Dec.						96.2	94.1	99.1	99.1	89.7	89.8		
2023 Jan.						97.5	94.9	101.0	101.0	90.4	90.4		
Feb.	93.2	91.5	95.6	86.4	86.4	97.6	95.0	101.2	101.2	90.5	90.6		
Mar.						98.0	95.4	101.7	101.7	90.9	91.1		
Apr.						98.6	95.6	102.8	102.8	91.6	91.9		
May	93.8	91.9	96.7	87.3	87.3	98.1	95.3	101.9	101.9	91.1	91.3		
June						98.2	95.4	102.1	102.1	91.3	91.8		
July						98.4	95.3	102.8	102.8	91.8	92.5		
Aug.	93.8	91.8	96.7	87.9	87.9	98.3	95.2	102.6	102.6	91.8	92.4		
Sep.						98.0	95.3	101.9	101.9	91.7	92.1		
Oct.						97.7	95.1	101.3	101.3	91.3	91.7		
Nov.	94.3	92.4	97.1	88.2	88.2	98.1	95.1	102.4	102.4	91.5	91.8		
Dec.						97.6	95.0	101.3	101.3	91.0	91.4		
2024 Jan.						97.8	95.1	101.6	101.6	91.4	P 91.8		
Feb.	94.0	92.3	96.5	88.0	88.0	97.7	95.0	101.4	101.4	91.3	P 91.6		
Mar.						98.1	95.2	102.3	102.3	91.8	P 92.1		
Apr.						98.3	95.4	102.5	102.5	91.8	P 92.1		
May	94.2	92.3	97.0	88.1	88.1	98.6	95.4	103.2	103.2	92.0	P 92.2		
June						98.1	95.2	102.3	102.3	91.8	P 92.0		
July						98.4	95.2	103.0	103.0	P 92.0	P 92.2		
Aug.	94.1	92.2	97.0	88.2	88.2	98.2	95.0	102.7	102.7	P 91.8	P 92.1		
Sep.						98.2	95.2	102.5	102.5	P 91.8	P 92.1		
Oct.						98.1	95.3	102.0	102.0	P 91.7	P 92.0		
Nov.	...	...	...	...	...	P 97.4	P 95.1	P 100.7	P 100.7	P 91.2	P 91.4

* The weights are based on trade in manufactured goods and services. For information on methodology and grouping of countries, see Explanatory notes, pp. 48-50. A decline in the figures implies an increase in competitiveness. Where current price and wage indices were not available, estimates were used. ¹ Includes euro area countries (moving composition) as well as the 8 most important trading partners for the German

economy. ² Includes the 37 respectively 60 most important trading partners for the German economy. ³ As of March 2022, for the Russian Federation a monthly average indicative rate is used. It is calculated from the daily RUB/USD rates determined by the Bank of Russia in conjunction with the respective ECB's euro foreign exchange reference rate to the US dollar.