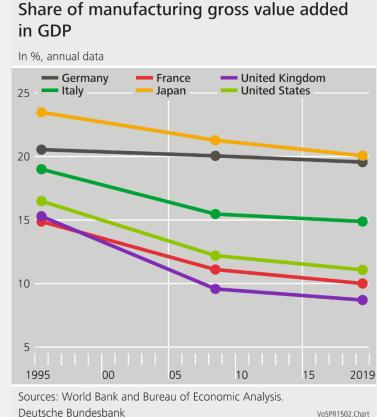


# Gross value added share of manufacturing sector is consistently high in Germany

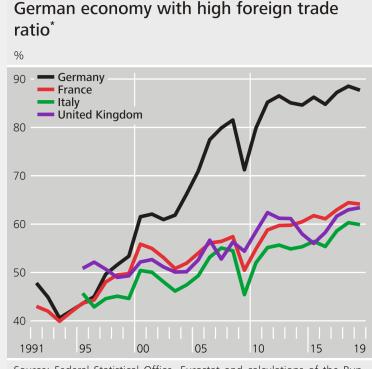




Vo5PR1502.Chart

### German economy's foreign trade ratio continues on upward trend





Source: Federal Statistical Office, Eurostat and calculations of the Bundesbank on this basis. \* Sum of nominal exports and imports (goods and services) in relation to gross domestic product.

Deutsche Bundesbank

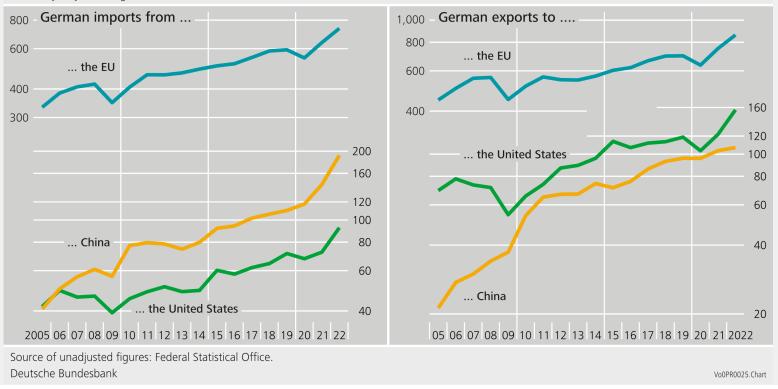
1. Jun. 2023, 15:04:06, Vo3PR0829E.Chart

# China has steadily become more important to Germany as a foreign trade partner over recent years



#### German imports and exports

€billion, yearly total, log scale

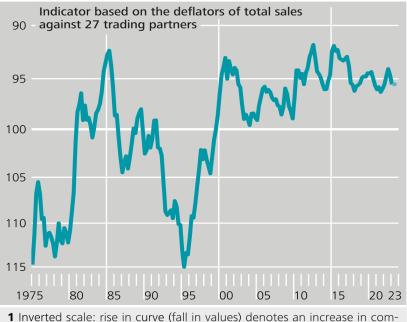


# Price competitiveness of the German economy remains favourable by historical standards



Price competitiveness of the German economy

Average since 1975 = 100, guarterly, log scale<sup>1</sup>



petitiveness. • = Estimated as of: 31 May 2023. Deutsche Bundesbank

1. Jun. 2023, 14:29:26, Vo4PR0015B.Chart

# Profitability of German enterprises has recovered quickly after crises



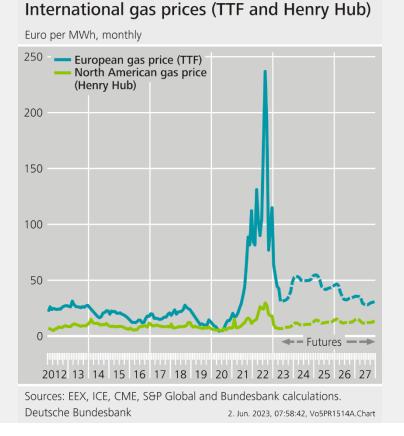


#### Profitability of German enterprises\*

**1** Annual result before taxes on income as a percentage of sales. Deutsche Bundesbank 1. Jun. 2023, 14:45:06, Vo3PR0830.Chart

#### European gas price higher than North American gas price





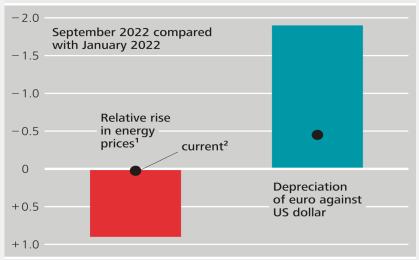
## geo pro c

# Relative energy price rise hurting, euro depreciation supporting price competitiveness



## Components of Germany's price competitiveness<sup>\*</sup>

%, inverted scale



\* Estimated relative to that of selected industrial countries. A positive value indicates a decrease in competitiveness. **1** Estimated on the basis of input-output tables and energy-specific producer price indices published by the OECD for industrial countries. **2** Energy prices: February 2023; depreciation of euro: April 2023; composite indicator: 27.03.2023

Deutsche Bundesbank

15. Mai. 2023, 07:23:14, Vo4PR0334B.Chart

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Industry important for Germany's "business model"

**Recalibration of global value chains** 

**Price competitiveness and profitability** of the German economy

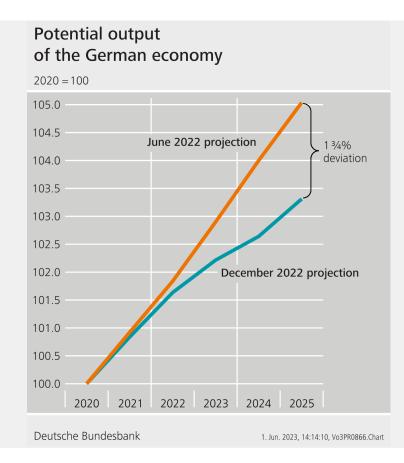


Impact of energy costs and demographic change on the potential output of the German economy

#### **Summary**

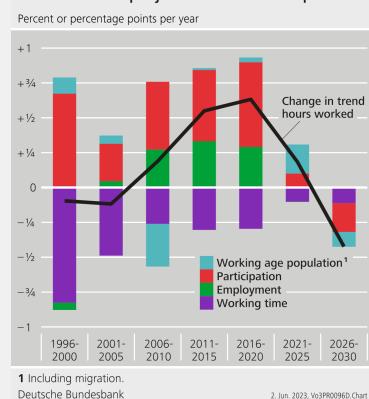
# Lower potential output of the German economy, mainly due to higher energy costs





### Labour supply declining in Germany





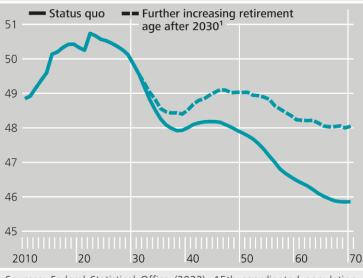
## Medium-term projection of labour input

### Higher retirement age would increase labour supply in Germany



## Individuals between the age of 20 and the statutory retirement age





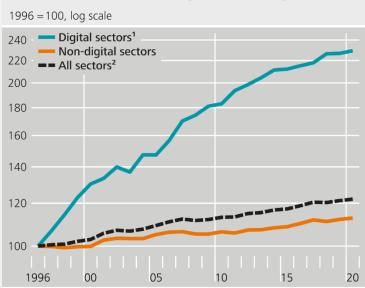
Sources: Federal Statistical Office (2022), 15th coordinated population projection, variant G2L2W2 and Bundesbank calculations. **1** The retirement age could, for example, be raised in such a way that the ratio of years drawing a pension to years making pension contributions remains broadly stable. It is currently just over 40%.

Deutsche Bundesbank

2. Jun. 2023, 10:34:51, Vo2PR0085A.Chart

## Productivity increase in Germany's digital sector far above average





## Total factor productivity in Germany<sup>\*)</sup>

Sources: EU KLEMS, European Commission and Bundesbank calculations. \* Calculated using a prototypical Solow decomposition and adjusted to account for changes in the degree of capacity utilisation. 1 Information and communication, manufacture of computer, electronic and optical products as well as electrical equipment. 2 Private sector excluding agriculture, forestry and fishing, mining and quarrying and real estate activities.

Deutsche Bundesbank

1. Jun. 2023, 14:03:33, Vo5PR1528.Chart

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