Chartbook

Overview of macroeconomic, financial and monetary indicators

——— Spring 2023







The chartbook is a parallel publication to the Monetary Policy Report. It contains an up-to-date overview of the main macroeconomic, financial and monetary indicators that enter the CNB's monetary policy decisions. Unless stated otherwise, the historical data are sourced from the CZSO or the CNB. The outlook (indicated by the grey area) is the CNB forecast, with a few exceptions. The deadline for this issue was 28 April 2023.

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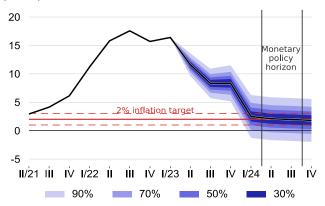
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		2022 2023 2024	
Headline inflation	in % pp	15.1 11.2 2.1 (0.0) (0.4) (0.0)	The upward revision of the inflation forecast this year is due mainly to higher food price inflation and, to a lesser extent, core inflation.
Monetary policy -relevant inflation	in % pp	14.6 11.1 2.1 (0.0) (0.5) (0.0)	The differences in the revision of monetary policy-relevant inflation relative to headline inflation are negligible.
GDP	y-o-y changes % pp	2.5 0.5 3.0 (-0.1) (0.8) (0.8)	GDP growth is higher this year due to higher gross fixed capital formation and a larger contribution of net exports, joined next year by a stronger recovery in household consumption.
Interest rates	3M PRIBOR in %	6.3 6.8 4.6 (0.0) (-0.2) (-0.2)	The market interest rate outlook is slightly lower compared with the winter forecast.
Exchange rate	CZK/EUR	24.6 23.7 24.3 (0.0) (-0.8) (-0.2)	The forecast expects the koruna to be stronger than in the previous projection.

Note: Changes compared to the previous forecast in brackets (a green label indicates an increase in value or a shift to a weaker koruna, while a red label indicates a decrease in value or a shift to a stronger koruna).

Chart A.1 **Headline inflation**

year on year in %; confidence intervals in colour

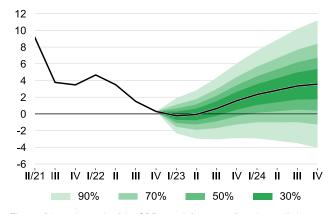


The confidence intervals of the headline inflation forecast reflect the predictive power of past forecasts and are symmetric. They widen linearly for the first five quarters and then stay constant. This is consistent with both the past predictive power and the stabilising role of monetary policy.

Chart A.3

GDP

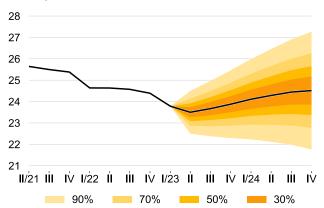
y-o-y changes in %; seasonally adjusted; confidence intervals in colour



The confidence intervals of the GDP growth forecast reflect the predictive power of past forecasts. They are symmetric and linearly widening.

Chart A.5 **Exchange rate**

CZK/EUR; confidence intervals in colour



The confidence intervals of the CZK/EUR exchange rate reflect the predictive power of past forecasts. They are symmetric and linearly widening.

Headline inflation – comp. with previous forecast

year on year in %; differences in pp

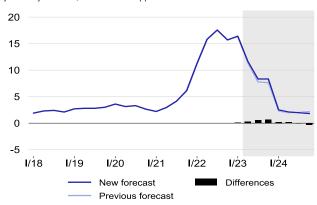


Chart A.4

GDP - comparison with previous forecast

y-o-y changes in %; differences in pp; seasonally adjusted

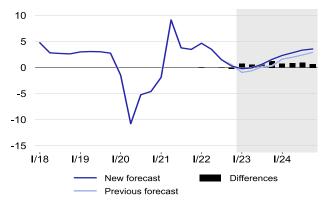


Chart A.6

Exchange rate - comp. with previous forecast

CZK/EUR; differences in CZK (right-hand scale)

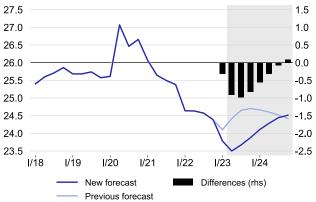
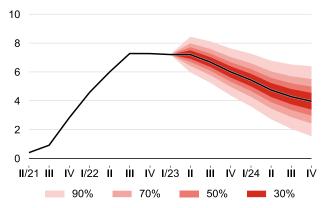


Chart A.7

Interest rate

3M PRIBOR in %; confidence intervals in colour

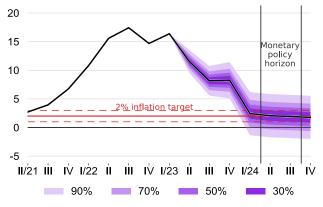


The confidence intervals of the 3M PRIBOR forecast reflect the predictive power of past forecasts. They are symmetric; linearly widening and limited below by the zero lower bound.

Chart A.9

Monetary policy-relevant inflation

year on year in %; confidence intervals in colour



The confidence intervals of the monetary policy-relevant inflation forecast reflect the predictive power of past forecasts and are symmetric. They widen linearly for the first five quarters and then stay constant. This is consistent with both the past predictive power and the stabilising role of monetary policy.

Chart A.11

Decomposition of changes in int. rate forecast

3M PRIBOR; differences from previous forecast in pp 0.8 0.6 0.4 0.2 0.0 -0.2-0.4 -0.6 -0.8 -1.0 11/23 111/23 1/24 11/24 111/24 IV/24 IV/23 Difference Short-term exch. rate forecast Short-term inflation forecast Initial state Foreign environment Fiscal impulse Administered prices Expert adjustments Government consumption

Chart A.8

Interest rate - comparison with previous forecast

3M PRIBOR; differences in pp

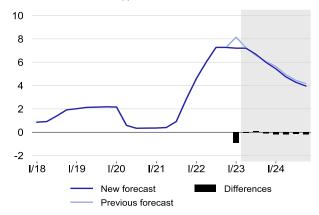


Chart A.10

Monetary policy-relevant inflation – comparison with previous forecast

year on year in %; differences in pp

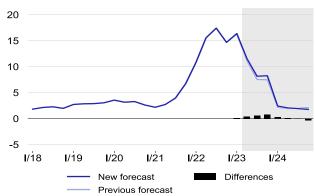


Table A.1 **Key macroeconomic indicators – years**

	0045	004:	004-	0045	004-	0040	0040	0000	000	0000	0000	
DEMAND AND SUPPLY	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
11												
Gross domestic product GDP (CZK bn, constant p. of 2015, seas. adjusted)	4290.8	4387.8	1627.1	4740 B	4994.2	515/13	5307.2	501/13	5180 6	5317 3	53/2/	5503
GDP (CZK bn, current p., seas. adjusted)	4141.9	4344.6			5116.8							
GDP (%, y-o-y, real terms, seas. adjusted)	0.0	2.3	5.5	2.5	5.3	3.2	3.0	-5.5	3.5	2.5	0.5	3
GDP (%, q-o-q, real terms, seas. adjusted)	-		-		-	-	-	-	-		-	
Household consumption (%, y-o-y, real terms, seas. adjusted)	0.9	1.4	3.9	3.7	4.0	3.3	2.6	-7.4	4.1	-0.9	-2.6	4
Government consumption (%, y-o-y, real terms, seas. adjusted)	2.4	1.0	1.8	2.5	1.8	3.9	2.5	4.2	1.4	0.6	1.6	1
Gross capital formation (%, y-o-y, real terms, seas. adjusted)	-4.2	7.1	13.1	-3.9	6.5	7.7	4.5	-9.2	19.1	8.5	-6.1	-2
Gross fixed capital formation (%, y-o-y, real terms, seas. adjusted)	-2.2	3.3	9.8	-3.1	5.1	10.0	5.9	-6.0	0.8	6.2	2.9	4
Exports of goods and services (%, y-o-y, real terms, seas. adjusted)	0.3	8.7	6.2	4.1	7.6	3.7	1.3	-8.1	6.8	5.7	7.4	6
Imports of goods and services (%, y-o-y, real terms, seas. adjusted)	0.1	10.0	7.0	2.7	6.5	5.8	1.5	-8.2	13.2	5.7	2.8	4
Net exports (CZK bn, constant p. of 2015, seas. adjusted)	295.5	283.3	276.7	337.5	401.7	338.1	338.4	315.6	96.8	102.0	312.8	413
PRICES												
Main price indicators												
Consumer Price Index (%, y-o-y, average)	1.4	0.4	0.3	0.7	2.5	2.1	2.8	3.2	3.8	15.1	11.2	2
Administered prices (14.21%)* (%, y-o-y, average)	2.2	-3.0	0.0	0.2	0.0	1.8	4.4	3.1	-0.2	20.9	27.6	1
Food prices (incl. alcoholic beverages and tobacco) (26.50%)* (%, y-o-y, average)	3.1	1.8	0.1	0.2	3.6	1.6	2.6	4.2	2.1	12.9	10.3	-0
Core inflation (56.14%)* (%, y-o-y, average)	-0.5	0.5	1.2	1.2	2.4	2.1	2.7	3.4	4.8	13.2	8.2	3
Fuel prices (3.15%)* (%, y-o-y, average)	-2.1	0.2	-13.5	-8.5	6.7	6.3	-0.4	-11.4	16.7	33.6	-12.5	0
Monetary policy-relevant inflation (%, y-o-y, average)	0.6	0.2	0.2	0.5	2.5	2.1	2.9	3.2	3.9	14.6	11.1	2
Partial price indicators												
Industrial producer prices (%, y-o-y, average)	0.8	-0.8	-3.2	-3.3	1.8	2.0	2.6	0.1	7.1	24.3	6.2	0
Agricultural prices (%, y-o-y, average)	5.0	-3.7	-5.9	-5.8	7.4	-0.1	5.4	-3.8	7.4	31.8	-0.2	-7
LABOUR MARKET												_
Average monthly wage (%, y-o-y, nominal terms)	-0.1	2.9	3.2	4.4	6.7	8.2	7.9	4.6	4.7	6.5	8.8	7
Average monthly wage in market sectors (%, y-o-y, nominal terms)	-0.3	3.0	3.2	4.3	6.7	7.7	7.6	4.1	5.1	7.2	9.7	8
Average monthly wage (%, y-o-y, real terms)	-1.6 0.9	2.6 1.6	2.8 -0.4	3.8	4.3 3.9	6.0	5.0 4.7	1.5 5.9	0.9	-8.6 6.5	-2.2 8.6	5
Unit labour costs (%, y-o-y) Aggregate labour productivity (%, y-o-y)	-0.4	1.7	3.9	3.1 0.9	3.6	1.9	2.8	-3.8	3.1	0.7	0.4	5 2
ILO general unemployment rate (%, average, age 15–64, seas. adjusted)	7.0	6.2	5.1	4.0	2.9	2.3	2.0	2.6	2.9	2.4	2.5	2
Share of unemployed persons (MLSA) (%, average, seas. adjusted)	7.7	7.7	6.5	5.5	4.2	3.2	2.8	3.6	3.8	3.4	3.7	4
Employment (ILO) (%, y-o-y)	0.9	0.7	1.3	1.8	1.5	1.2	-0.1	-1.6	-1.5	1.6	0.1	0
Full-time employment (%, y-o-y)	-1.0	1.1	2.1	1.8	2.2	1.5	-0.3	-1.7	-0.3	0.9	0.1	0
PUBLIC FINANCE	1.4										***	
Government budget balance (ESA2010) (CZK bn, current prices)	-53.2	-90.2	-29.8	34.1	76.7	48.3	16.7	-329.2	-310.6	-247.5	-286.0	-192
Government budget balance/GDP** (%, nominal terms)	-1.3	-2.1	-0.6	0.7	1.5	0.9	0.3	-5.8	-5.1	-3.6	-3.9	-2
Government debt (ESA2010) (CZK bn, current prices)	1840.2	1818.9	1836.0	1754.7	1749.7	1734.6	1740.3	2149.8	2566.7	2997.1	3259.0	3459
Government debt/GDP** (%, nominal terms)	44.4	41.9	39.7	36.6	34.2	32.1	30.0	37.7	42.0	44.1	44.0	44
EXTERNAL RELATIONS												
Current account												
Trade balance (CZK bn, current prices)	167.0	220.0	187.7	258.5	259.3	200.9	239.8	280.3	69.0	-99.3	214.8	318
Trade balance/GDP (%, nominal terms)	4.0	5.1	4.1	5.4	5.1	3.7	4.1	4.9	1.1	-1.5	2.9	4
Balance of services (CZK bn, current prices)	70.4	55.7	86.6	106.6	124.6	120.0	106.0	103.5	105.0	89.9	109.6	124
Current account (CZK bn, current prices)	-21.8	7.9	20.7	85.2	79.1	24.1	19.2	113.7	-168.0	-415.3	8.5	85
Current account/GDP (%, nominal terms)	-0.5	0.2	0.4	1.8	1.5	0.4	0.3	2.0	-2.8	-6.1	0.1	1
Foreign direct investment												
Direct investment (CZK bn, current prices)	7.4	-80.4	49.7	-186.5	-45.9	-51.0	-137.1	-149.1	-28.5	-172.4	-140.0	-140
Exchange rates												
CZK/USD (average)	19.6	20.8	24.6	24.4	23.4	21.7	22.9	23.2	21.7	23.4	22.0	21
CZK/EUR (average)	26.0	27.5	27.3	27.0	26.3	25.6	25.7	26.5	25.6	24.6	23.7	24
MONEY AND INTEREST RATES												
M3 (%, y-o-y, average)	5.1	5.1	7.3	9.1	11.7	6.6	6.3	9.0	9.6	6.4	8.8	11
2W repo rate (%, average)	0.1	0.1	0.1	0.1	0.2	1.1	1.9	8.0	0.9	5.9	6.6	4
3M PRIBOR (%, average)	0.5	0.4	0.3	0.3	0.4	1.3	2.1	0.9	1.1	6.3	6.8	4
EXTERNAL ASSUMPTIONS												
Foreign GDP (%, y-o-y, seas. adjusted, effective)	0.3	1.9	2.0	2.0	2.8	1.8	1.5	-5.0	4.0	2.7	0.5	1
	-	-	-	-	-	-	-	-	-	-	-	
Foreign GDP (%, q-o-q, seas. adjusted, effective)												2
Foreign HICP (%, y-o-y, seas. adjusted, effective)	1.6	0.6	0.4	0.3	1.6	2.0	1.5	0.6	2.9	9.2	6.8	
Foreign HICP (%, y-o-y, seas. adjusted, effective) Foreign PPI (%, y-o-y, seas. adjusted, effective)	-0.1	-1.6	-2.5	-2.3	2.7	3.3	1.1	-1.6	11.0	35.0	4.2	0
Foreign HICP (%, y-o-y, seas. adjusted, effective)												

^{*} figures in brackets are constant weights in current consumer basket

** CNB calculation
- data not available/forecasted/released
data in bold = CNB forecast

Table A.2 **Key macroeconomic indicators – quarters**

		20:	22			20	23			20	24	
	QI	QII	QIII	QIV	QI	QII	QIII	QIV	QI	QII	QIII	QIV
DEMAND AND SUPPLY												
Gross domestic product												
GDP (CZK bn, constant p. of 2015, seas. adjusted)	1329.6	1333.2	1329.6	1324.9	1326.6	1332.2	1337.9	1345.7	1357.4	1369.8	1382.6	1393
GDP (CZK bn, current p., seas. adjusted)	1639.3	1678.0	1741.5	1734.7	1819.5	1831.5	1859.6	1894.7	1929.6	1954.7	1969.5	1981
GDP (%, y-o-y, real terms, seas. adjusted)	4.7	3.5	1.5	0.3	-0.2	-0.1	0.6	1.6	2.3	2.8	3.3	
GDP (%, q-o-q, real terms, seas. adjusted)	0.6	0.3	-0.3	-0.4	0.1	0.4	0.4	0.6	0.9	0.9	0.9	
Household consumption (%, y-o-y, real terms, seas. adjusted)	8.0	0.0	-5.2	-5.5	-5.9	-4.8	-1.6	2.2	4.0	4.3	4.3	
Government consumption (%, y-o-y, real terms, seas. adjusted)	2.0	1.4	-1.8	0.9	1.1	2.0	3.5	0.0	1.3	1.3	1.3	
Gross capital formation (%, y-o-y, real terms, seas. adjusted)	14.4	11.6	5.8	2.7	-2.1	-5.6	-8.1	-8.4	-7.0	-4.0	0.1	:
Gross fixed capital formation (%, y-o-y, real terms, seas. adjusted)	7.1	6.0	7.2	4.6	2.0	3.2	2.0	4.6	5.8	5.3	4.3	:
Exports of goods and services (%, y-o-y, real terms, seas. adjusted)	0.4	1.7	11.1	9.7	7.8	8.3	6.1	7.3	8.2	7.6	5.7	
Imports of goods and services (%, y-o-y, real terms, seas. adjusted)	5.3	2.2	7.6	7.6	3.7	3.3	1.5	2.7	4.9	5.3	4.5	
Net exports (CZK bn, constant p. of 2015, seas. adjusted)	15.0	15.6	32.2	39.3	60.5	71.5	86.1	94.7	101.9	102.9	104.7	104
PRICES												
Main price indicators												
Consumer Price Index (%, y-o-y, average)	11.2	15.8	17.6	15.7	16.4	11.6	8.3	8.3	2.5	2.1	2.0	
Administered prices (14.21%)* (%, y-o-y, average)	15.7	23.4	28.1	16.4	32.8	24.4	18.9	34.2	1.3	1.2	1.5	
Food prices (incl. alcoholic beverages and tobacco) (26.50%)* (%, y-o-y, average)	6.2	11.4	15.2	18.8	18.2	12.5	7.6	2.8	-0.2	-0.4	-0.2	
Core inflation (56.14%)* (%, y-o-y, average)	10.5	13.8	14.7	13.9	11.9	9.2	6.7	5.1	4.3	3.6	3.2	
Fuel prices (3.15%)* (%, y-o-y, average)	36.9	46.3	36.1	15.1	-3.7	-19.1	-17.7	-9.6	0.2	1.2	1.3	
Monetary policy-relevant inflation (%, y-o-y, average)	10.8	15.6	17.4	14.7	16.4	11.6	8.2	8.3	2.4	2.1	1.9	
Partial price indicators												
Industrial producer prices (%, y-o-y, average)	21.8	27.7	25.9	21.8	15.0	5.3	2.8	2.4	-0.1	1.1	1.1	
Agricultural prices (%, y-o-y, average)	23.3	38.8	37.1	27.9	19.6	-4.7	-5.5	-7.4	-11.1	-7.0	-5.8	
LABOUR MARKET												
Average monthly wage (%, y-o-y, nominal terms)	7.3	4.4	6.2	7.9	9.1	8.6	8.9	8.7	8.9	8.2	7.5	
Average monthly wage in market sectors (%, y-o-y, nominal terms)	8.1	4.6	7.1	8.9	9.4	9.4	9.9	9.9	9.9	9.0	8.0	
Average monthly wage (%, y-o-y, real terms)	-3.5	-9.8	-9.7	-6.7	-6.3	-2.7	0.5	0.3	6.3	6.0	5.4	
Unit labour costs (%, y-o-y)	6.4	4.7	5.9	9.0	9.2	8.3	9.7	7.2	6.5	5.5	4.3	
Aggregate labour productivity (%, y-o-y)	3.4	1.1	-0.1	-1.2	-1.2	0.4	1.0	1.5	2.3	2.7	3.2	
ILO general unemployment rate (%, average, age 15–64, seas. adjusted)	2.4	2.5	2.4	2.2	2.4	2.5	2.5	2.7	2.7	2.7	2.8	
	3.3	3.3	3.4	3.7	3.6	3.6	3.7	3.9	4.0	4.1	4.2	
Share of unemployed persons (MLSA) (%, average, seas. adjusted)	2.3	2.2	1.2	0.9	0.4	-0.1	0.1	0.0	0.1	0.1	0.1	
Employment (ILO) (%, y-o-y)	0.8	1.1	0.8	0.9	0.4	0.1	0.0	0.0	0.1	0.1	0.1	
Full-time employment (%, y-o-y) PUBLIC FINANCE	0.0	1.1	0.0	0.9	0.5	0.1	0.0	0.0	0.1	0.2	0.3	
Government budget balance (ESA2010) (CZK bn, current prices)	-	-	-	-	-	-	-	-	-	-	-	
Government budget balance/GDP** (%, nominal terms)		-	-	-	-	-	-	-	-	-	-	
Government debt (ESA2010) (CZK bn, current prices)	-	-	-	-	-	-	-	-	-	-	-	
Government debt/GDP** (%, nominal terms)		-	-	•	-	•	-	•		•	•	
EXTERNAL RELATIONS												
Current account												
Trade balance (CZK bn, current prices)	6.1	-38.1	-51.5	-15.9	66.7	64.0	36.9	47.3	97.2	93.5	57.8	
Trade balance/GDP (%, nominal terms)	0.4	-2.2	-2.9	-0.9	3.9	3.4	2.0	2.4	5.4	4.8	2.9	
Balance of services (CZK bn, current prices)	24.2	31.2	28.7	5.8	17.5	36.8	33.2	22.1	34.2	32.5	28.7	28
Current account (CZK bn, current prices)	-19.2	-85.2	-227.2	-83.6	51.3	-3.5	-37.9	-1.4	93.9	9.6	-39.4	2′
Current account/GDP (%, nominal terms)	-1.2	-5.0	-12.9	-4.7	3.0	-0.2	-2.0	-0.1	5.2	0.5	-2.0	
Foreign direct investment												
Direct investment (CZK bn, current prices)	-16.4	-32.2	-32.3	-91.5	-35.0	-35.0	-35.0	-35.0	-35.0	-35.0	-35.0	-3
Exchange rates												
CZK/USD (average)	22.0	23.1	24.4	23.9	22.2	21.9	22.0	22.0	22.0	22.0	21.9	2
CZK/EUR (average)	24.6	24.6	24.6	24.4	23.8	23.5	23.7	23.9	24.1	24.3	24.4	24
MONEY AND INTEREST RATES												
M3 (%, y-o-y, average)	6.0	6.2	6.4	7.3	8.5	8.4	8.9	9.4	10.5	11.4	12.0	12
2W repo rate (%, average)	4.2	5.6	7.0	7.0	7.0	7.0	6.5	5.8	5.2	4.5	4.1	:
3M PRIBOR (%, average)	4.6	6.0	7.3	7.3	7.2	7.2	6.7	6.0	5.4	4.7	4.3	
EXTERNAL ASSUMPTIONS												
Foreign GDP (%, y-o-y, seas. adjusted, effective)	4.6	3.1	1.9	1.5	1.0	0.4	0.2	0.6	0.9	1.2	1.6	
Foreign GDP (%, q-o-q, seas. adjusted, effective)	0.6	0.6	0.4	-0.1	0.1	0.1	0.1	0.3	0.4	0.5	0.5	
Foreign HICP (%, y-o-y, seas. adjusted, effective)	6.6	8.8	10.2	11.2	9.4	7.7	6.2	4.2	3.4	2.8	2.4	
Foreign PPI (%, y-o-y, seas. adjusted, effective)	30.9	36.3	43.1	29.8	16.8	7.5	-3.3	-2.1	-0.9	0.0	0.6	
		112.0	97.7	88.6	82.2	81.3	80.1	78.6	77.4	76.3	75.3	
Brent crude oil (in USD/barrel) (average)	979											
Brent crude oil (in USD/barrel) (average) 3M EURIBOR (%, average)	97.9 -0.5	-0.4	0.5	1.8	2.6	3.4	3.5	3.4	3.3	3.2	3.0	

^{*} figures in brackets are constant weights in current consumer basket

** CNB calculation
- data not available/forecasted/released
data in bold = CNB forecast

B — Economic developments abroad

		2022	2023	2024	
GDP (in the effective EA)	y-o-y changes in % pp	2.7 (0.0)	0.5 (0.1)	1.4 (0.1)	The effective euro area growth outlook has increased slightly for both this year and the next.
Consumer prices (in the effective EA)	y-o-y changes in % pp	9.2 (0.0)	6.8 (0.6)	2.6 (0.4)	The inflation outlook has shifted higher, due chiefly to higher food prices, counteracted by a decline in energy prices.
Producer prices (in the effective EA)	y-o-y changes in % pp	35.0 (0.0)	4.2 (4.9)	0.1 (1.4)	Industrial producer prices have been revised upwards due to lower pass-through of the decline in market prices of natural gas and electricity (especially in Slovakia).
Brent crude oil price	USD/barrel	98.9 (0.0)	80.6 (-0.1)	75.8 (-0.6)	The falling outlook for oil prices is virtually unchanged.
3M EURIBOR	% pp	0.3 (0.0)	3.2 (0.9)	3.1 (0.0)	The market interest rate outlook remains stable.
Exchange rate	USD/EUR	1.05 (0.00)	1.08 (0.03)	1.11 (0.04)	The expected euro-dollar exchange rate has shifted towards a slightly stronger euro, as US economic activity is expected to weaken.

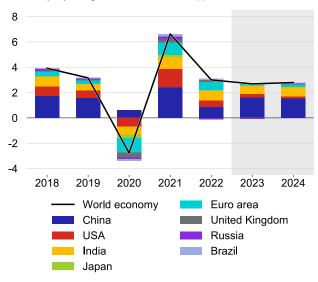
Note: Changes compared to the previous forecast in brackets (a green label indicates an increase in value or a shift to a weaker dollar, while a red label indicates a decrease in value or a shift to a stronger dollar).

B — Economic developments abroad

Chart B.1 (CF, CNB calculation)

Economic growth abroad

real GDP; y-o-y changes in %; contributions in pp



The growth of the world economy is proxied by the growth of the eight largest economies, which account for around 75% of global GDP. The weights of the industrial economies are calculated on the basis of nominal GDP at PPP.

Chart B.3 (Eurostat, CNB calculation)

Structure of GDP in euro area

y-o-y changes in %; contributions in pp; seasonally adjusted

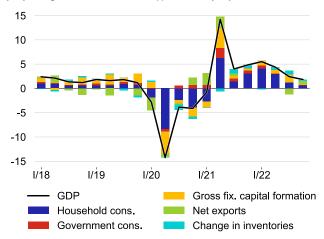


Chart B.5 (Eurostat)

Sentiment indicator for industry

subindex of the Economic sentiment indicator (ESI)

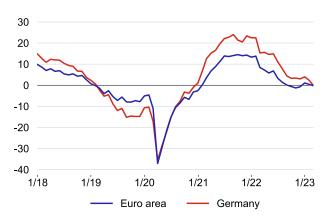
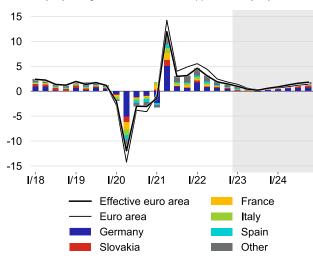


Chart B.2 (Eurostat, CNB forecast)

Economic growth in euro area

real GDP; y-o-y changes in %; contributions in pp; seasonally adjusted



Other comprises 12 other euro area countries. Its forecasted growth corresponds to the average growth of the five countries shown in the chart.

Chart B.4 (Eurostat, CNB forecast)

GDP level in effective euro area

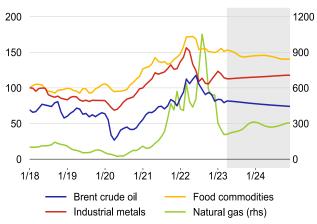
index (2000 = 100)



Chart B.6 (Bloomberg, World Bank, CNB calculation)

Prices of crude oil and other commodities

oil in USD/barrel; other commodities: index (January 2018 = 100); average price of natural gas in Europe

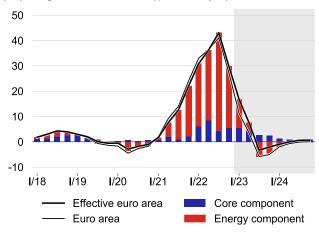


B — Economic developments abroad

Chart B.7 (Eurostat, CNB forecast)

Industrial producer prices in euro area

y-o-y changes in %; contributions in pp; seasonally adjusted

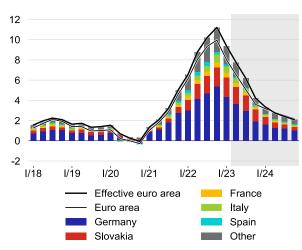


The energy component is determined by developments in industries strongly linked to the oil price and, since mid-2021, also in the electricity and gas industries. The rest of the PPI index in effective terms is the core component.

Chart B.9 (Eurostat, CNB forecast)

Consumer price inflation in euro area

HICP; year on year in %; contributions in pp; seasonally adjusted



Other comprises 12 other euro area countries. Its forecasted growth corresponds to the average growth of the five countries shown in the chart.

Chart B.11 (Bloomberg, CNB calculation)

3M EURIBOR and 3M USD LIBOR

%; differences in pp

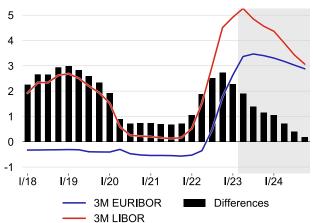


Chart B.8 (Eurostat, CNB forecast)

Industrial producer prices by country

y-o-y changes in %; contributions in pp; seasonally adjusted

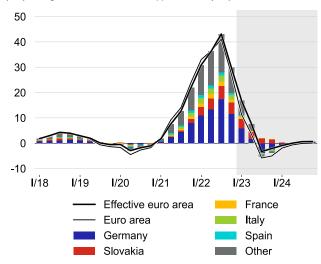


Chart B.10 (Bloomberg, CNB calculation)

Euro exchange rate

USD/EUR; NEER of euro against currencies of euro area countries' 18 main partners (January 2018 = 100; right-hand scale)

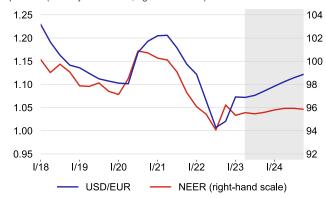
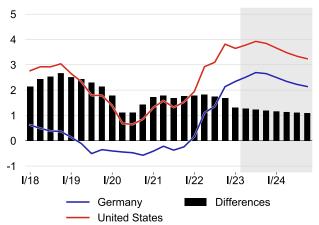


Chart B.12 (Bloomberg, CNB calculation)

10Y government bond yields

%; differences in pp



		2022	2023	2024	
GDP	y-o-y changes in % pp	2.5 (-0.1)	0.5 (0.8)	3.0 (0.8)	GDP growth is higher this year due to higher gross fixed capital formation and a larger contribution of net exports, joined next year by a stronger recovery in household consumption.
Household consumption	y-o-y changes in % pp	-0.9 (-0.6)	-2.6 (-0.4)	4.1 (1.0)	The forecast for household consumption is lower this year due to a deeper fall at the end of last year; the outlook for 2024 is conversely higher, mainly due to faster real wage growth.
Government consumption	y-o-y changes in % pp	0.6 (0.3)	1.6 (0.3)	1.3 (0.1)	The government consumption forecast has been revised upwards slightly this year due to higher non-wage expenditure; it remains almost unchanged next year.
Gross fixed capital formation	y-o-y changes in % pp	6.2 (1.1)	2.9 (2.0)	4.8 (0.1)	The faster total investment growth this year is due to firms' better financial condition and to higher observed data at the end of 2022.
Net exports	contr. to GDP growth	0.2 (-0.4)	3.4 (0.3)	1.5 (0.2)	The contribution of net exports is slightly higher this year and the next than previously forecasted, due to slightly stronger external demand.

Note: Changes compared to the previous forecast in brackets (a green label indicates an increase in value and a red label a decrease).

Chart C.1

Potential output

y-o-y changes in %

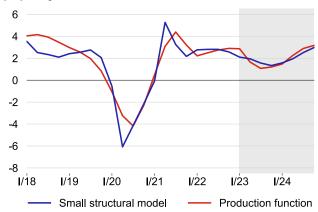


Chart C.2

Output gap

% of potential output

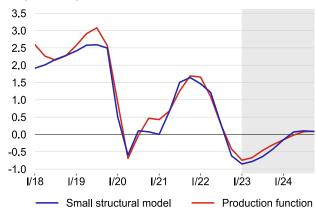


Chart C.3

Gross domestic product

y-o-y changes in %; contributions in pp; constant prices; seasonally adjusted

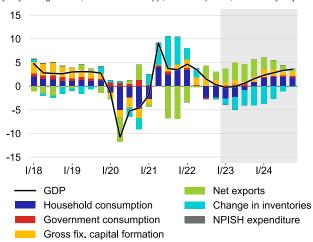
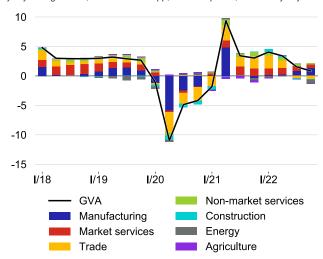


Chart C.4

Gross value added

y-o-y changes in %; contributions in pp; constant prices; seasonally adjusted



Trade also includes hotels and restaurants and transport. Energy also includes mining and quarrying.

Chart C.5

Disposable income and household consumption

y-o-y changes in %; contributions in pp; current prices; seasonally unadjusted

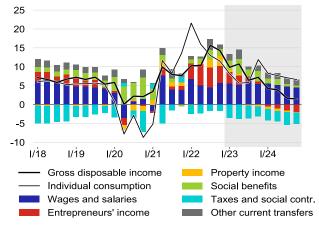


Chart C.6

Household and government consumption

y-o-y changes in %; constant prices; seasonally adjusted

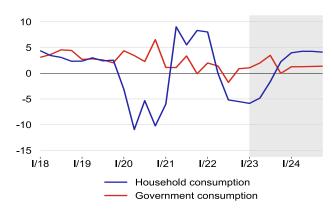


Chart C.7

Gross capital formation

y-o-y changes in %; contributions in pp; constant prices; seasonally adjusted

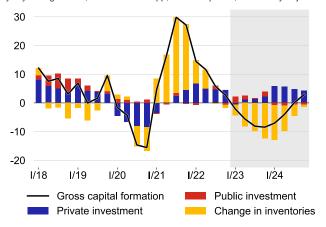


Chart C.8

Gross fixed capital formation by type of capital

y-o-y changes in %; contributions in pp; constant prices; seasonally adjusted

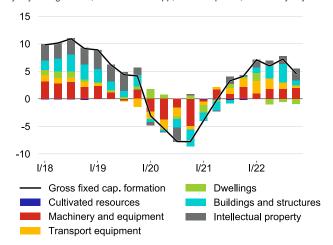


Chart C.9

Gross fixed capital formation by sector

y-o-y changes in %; contributions in pp; constant prices; seasonally adjusted

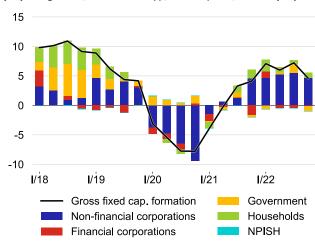


Chart C.10

Exports and imports

y-o-y changes in % and CZK billions; constant prices; seasonally adjusted

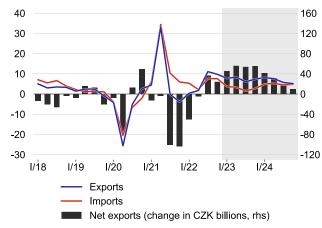


Chart C.11

Industrial production and construction output

y-o-y changes in %; constant prices; seasonally adjusted

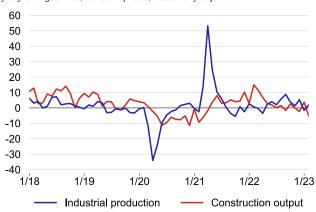


Chart C.12

Barriers to growth in industry

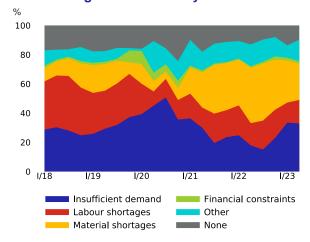


Chart C.13

Key financial indicators

y-o-y changes in %; current prices; seasonally unadjusted

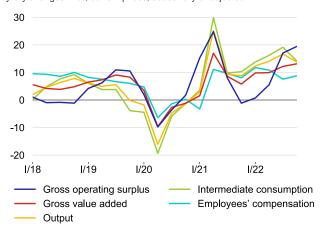


Chart C.15

Consumer confidence balance

balance is difference in % between answers of households expressing improvement and deterioration in expected and ongoing tendencies

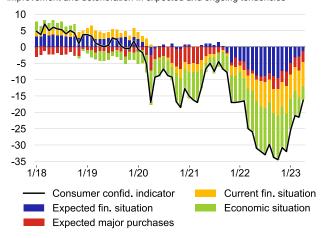


Chart C.17 (CZSO; Stat. survey of CNB and Confederation of Industry of CR)

Capacity utilisation

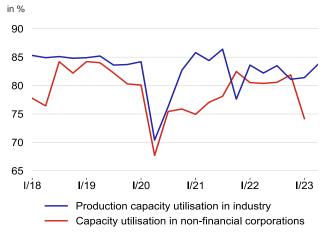


Chart C.14

Retail sales and sales in services

y-o-y changes in %; constant prices; seasonally adjusted



Chart C.16

Business confidence indicator

balance is difference in % between answers of enterprises expressing improvement and deterioration in expected and ongoing tendencies

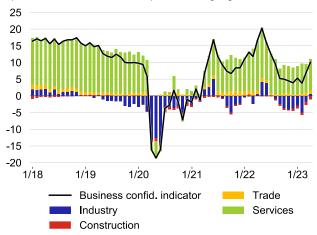


Table C.1

Expected indicators of FMIE, CF and corporations

1Y horizon; y-o-y changes in % unless otherwise indicated

	12/22	1/23	2/23	3/23	4/23
FMIE:					
CPI	7.0	4.8	3.8	3.7	3.5
CPI, 3Y horizon	2.7	2.6	2.7	2.6	2.6
Real GDP in 2023	0.0	0.0	0.2	0.2	0.1
Real GDP in 2024		2.4	2.6	2.7	2.6
Nominal wages in 2023	7.4	8.1	7.9	7.8	8.2
Nominal wages in 2024		5.5	5.9	6.0	6.0
CZK/EUR exchange rate (level)	24.7	24.4	24.3	24.2	24.1
2W repo rate (%)	6.0	5.9	5.8	5.6	5.6
1Y PRIBOR (%)	5.7	5.7	5.5	5.5	5.3
Corporations:					
CPI	10.2			8.9	
CPI, 3Y horizon	7.0			6.2	
CF:					
Real GDP in 2023	0.1	0.0	0.0	0.0	0.0
Real GDP in 2024		2.8	2.9	2.7	2.6
Nominal wages in 2023	7.6	7.5	7.7	8.1	8.4
Nominal wages in 2024		5.9	6.1	6.3	6.2
CZK/EUR exchange rate (level)	24.8	24.7	24.4	24.2	24.0
3M PRIBOR (%)	5.8	5.4	5.6	5.5	5.4

D — The labour market

		2022	2023	2024	
Employment	y-o-y changes in % pp	1.6 (0.1)	0.1 (0.5)	0.1 (0.3)	The faster growth in employment mainly reflects the better economic situation and higher observed data at the end of 2022.
Unemployment (ILO)	% pp	2.4 (0.0)	2.5 (-0.2)	2.8 (-0.5)	The outlook for the general unemployment rate is lower due to its lower-than-expected increase and to an earlier and stronger economic recovery this year.
Average monthly nominal wage	y-o-y changes in % pp	6.5 (-0.1)	8.8 (0.4)	7.9 (0.9)	The higher wage growth reflects accelerated wage growth in late 2022 and early 2023, a better-than-expected condition of firms and an earlier renewal of growth in demand for labour.

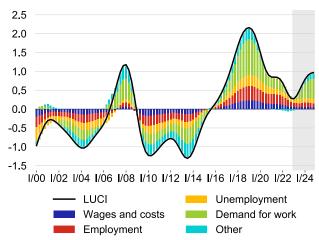
Note: Changes compared to the previous forecast in brackets (a green label indicates an increase in value and a red label a decrease).

D — The labour market

Chart D.1

LUCI – Labour Utilisation Composite Index

index; standard deviations



Positive values mean that the labour market is above its long-term equilibrium level. Negative values indicate the opposite situation.

Chart D.3

Number of employees (full-time equivalent) – sectors

y-o-y changes in %; contributions in pp

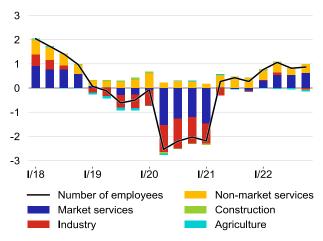


Chart D.5 (MLSA, CZSO, CNB forecast)

Unemployment

%; seasonally adjusted

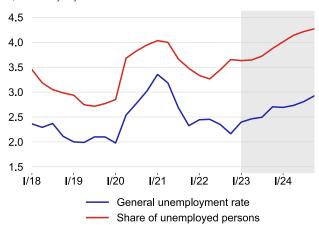


Chart D.2

Employment

y-o-y changes in %; Labour Force Survey methodology

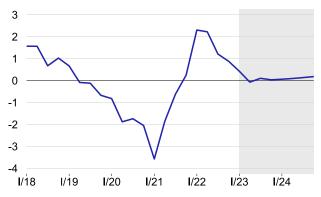


Chart D.4

Number of employees (full-time equivalent)

- structure

y-o-y changes in %; contributions in pp

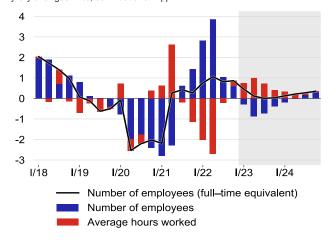
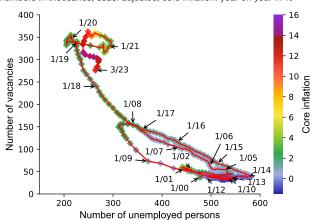


Chart D.6 (MLSA, CZSO)

Beveridge curve

numbers in thousands; seas. adjusted; core inflation: year on year in %



D — The labour market

Chart D.7 **Average nominal wage**

y-o-y changes in %

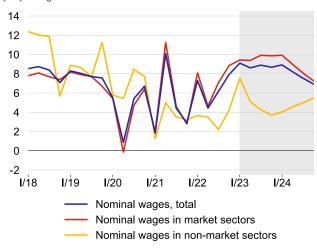


Chart D.8

Average wage and whole-economy productivity

y-o-y changes in %; whole-economy productivity - seasonally adjusted

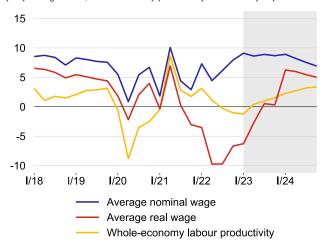


Chart D.9

Wage bill

y-o-y changes in %

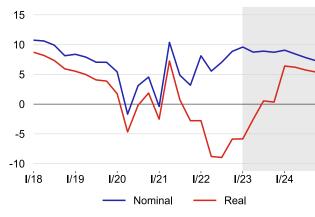


Chart D.10 **Labour productivity in sectors**

y-o-y changes in %; seasonally adjusted

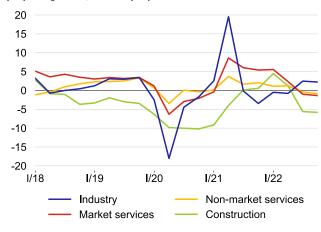


Chart D.11

Nominal unit labour costs

y-o-y changes in %; contributions in pp; seasonally adjusted

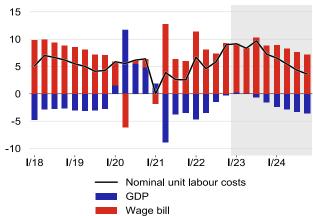
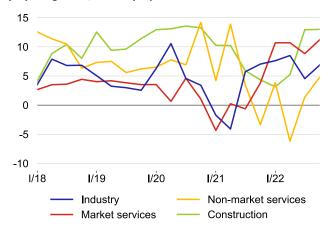


Chart D.12

Nominal unit labour costs in sectors

y-o-y changes in %; seasonally adjusted



E —— Inflation and other price areas

		2022 2023 2024	
Consumer prices	y-o-y changes in %	15.1 11.2 2.1 (0.0) (0.4) (0.0)	The upward revision of the inflation forecast this year is due mainly to higher food price inflation and, to a lesser extent, core inflation.
Administered prices	y-o-y changes in %	20.9 27.6 1.3 (0.0) (-2.3) (-4.0)	The administered price outlook for this year and especially next year is lower due to a drop in household energy prices below the government price caps, which has already begun.
Core inflation	% pp	13.2 8.2 3.5 (0.0) (0.5) (0.7)	The upward revision of the core inflation forecast is due to a slower-than-expected decline in foreign industrial producer prices and greater inflation pressures from the labour market.
Food prices (incl. alc. bev. and tobacco)	y-o-y changes in %	12.9 10.3 -0.2 (0.0) (2.0) (0.6)	The food price forecast for this year is higher due to higher observations at the start of this year amid increased margins of producers and retailers.
Fuel prices	y-o-y changes in %	33.6 -12.5 0.9 (0.0) (2.4) (2.5)	Fuel prices will decrease less than in the previous forecast this year due to the currently higher outlook for exchange prices of petrol.

Note: Changes compared to the previous forecast in brackets (a green label indicates an increase in value and a red label a decrease).

E — Inflation and other price areas

Chart E.1 **Headline and monetary policy-relevant inflation**

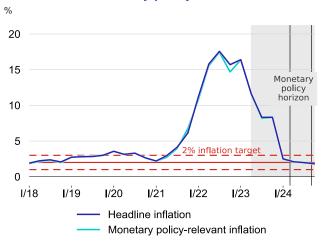


Chart E.3

Components of inflation

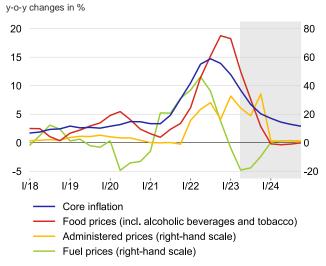


Chart E.5

Costs in consumer sector

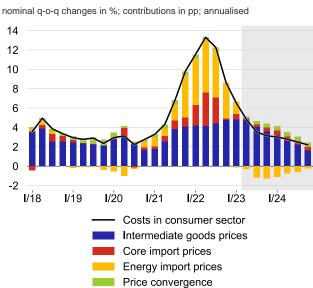


Chart E.2 Structure of inflation

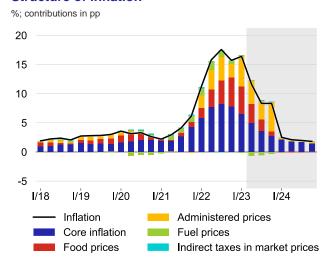


Chart E.4

Components of core inflation

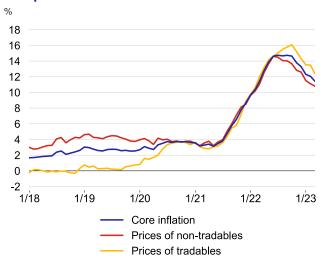
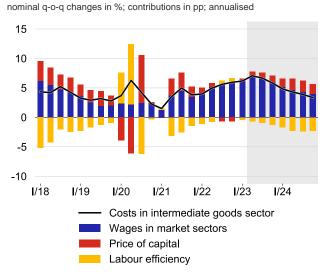


Chart E.6 Costs in intermediate goods sector



E — Inflation and other price areas

Table E.1

Forecast of administrative effects

average y-o-y changes in %; contributions to headline inflation in pp

20	21	20	22	20	23	20	24
	-0.05		0.44		0.08		0.05
-0.2	-0.03	20.9	2.98	27.6	3.92	1.3	0.19
-4.3	-0.16	15.1	0.60	55.2	1.82	4.2	0.20
-4.7	-0.10	67.5	1.34	39.5	0.94	-8.0	-0.23
0.2	0.00	19.7	0.28	34.5	0.44	8.0	0.01
4.4	0.03	5.3	0.04	16.2	0.10	5.0	0.03
4.3	0.06	10.7	0.17	8.2	0.12	4.7	0.06
2.4	0.03	9.9	0.11	7.1	0.07	4.0	0.03
	-4.3 -4.7 0.2 4.4	-4.3 -0.16 -4.7 -0.10 0.2 0.00 4.4 0.03 4.3 0.06	-0.05 -0.2 -0.03 20.9 -4.3 -0.16 15.1 -4.7 -0.10 67.5 0.2 0.00 19.7 4.4 0.03 5.3 4.3 0.06 10.7	-0.05 0.44 -0.2 -0.03 20.9 2.98 -4.3 -0.16 15.1 0.60 -4.7 -0.10 67.5 1.34 0.2 0.00 19.7 0.28 4.4 0.03 5.3 0.04 4.3 0.06 10.7 0.17	-0.05 0.44 -0.2 -0.03 20.9 2.98 27.6 -4.3 -0.16 15.1 0.60 55.2 -4.7 -0.10 67.5 1.34 39.5 0.2 0.00 19.7 0.28 34.5 4.4 0.03 5.3 0.04 16.2 4.3 0.06 10.7 0.17 8.2	-0.05 0.44 0.08 -0.2 -0.03 20.9 2.98 27.6 3.92 -4.3 -0.16 15.1 0.60 55.2 1.82 -4.7 -0.10 67.5 1.34 39.5 0.94 0.2 0.00 19.7 0.28 34.5 0.44 4.4 0.03 5.3 0.04 16.2 0.10 4.3 0.06 10.7 0.17 8.2 0.12	-0.05

a) including effects of indirect tax changes

Table E.2
Inflation in the next few months

year on year in %

	4/23	5/23	6/23
Headline inflation	13.2	11.6	10.1
Administered prices	25.9	24.4	22.8
First-round impacts of changes to ind. taxes	0.0	0.0	0.2
Core inflation	10.2	9.1	8.3
Food prices	15.2	12.3	10.1
Fuel prices	-15.9	-17.9	-23.6
Monetary policy-relevant inflation	13.2	11.5	10.0

Chart E.7
Import prices

y-o-y changes in %; contributions in pp

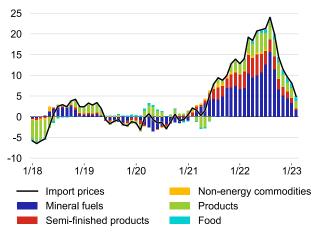


Chart E.8 Industrial producer prices

y-o-y changes in %; contributions in pp

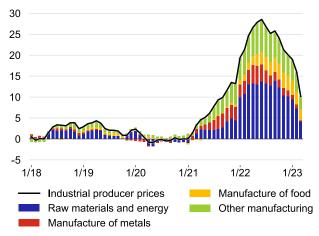
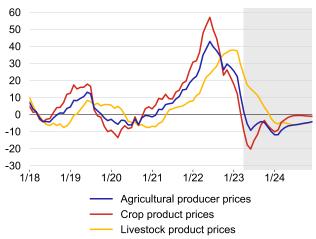


Chart E.9

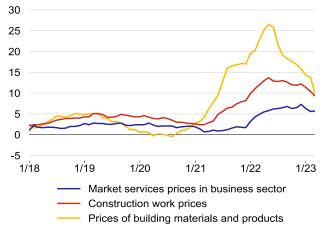
Agricultural producer prices

y-o-y changes in %



Market services prices in the business sector and construction

y-o-y changes in %



E — Inflation and other price areas

Chart E.11

Inflation expectations at one-year horizon

sample of approximately 18 analysts and 150 corporations; %; 1Y horizon

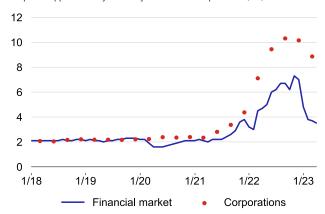


Chart E.12

Inflation expectations at three-year horizon

sample of approximately 18 analysts and 150 corporations; %; 3Y horizon

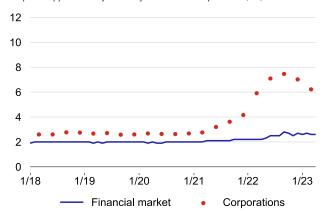


Chart E.13 (European Commission Business and Consumer Survey)

Inflation perceived by households

indicator of inflation perceived in last 12 months; sample of approximately 1,000 households; balance of answers; seasonally adjusted; expectations can take values from -100 to 100

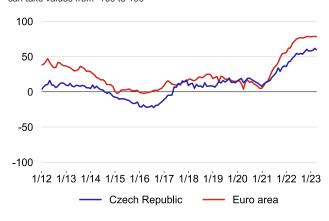


Chart E.14 (European Commission Business and Consumer Survey)

Inflation expected by households

indicator of expected inflation in next 12 months; sample of approximately 1,000 households; balance of answers; seasonally adjusted; expectations can take values from -100 to 100

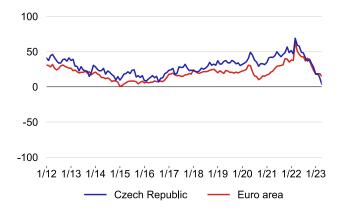


Chart E.15

Deviation of monetary policy-relevant inflation from CNB's 2% target

contributions in pp 20 15 10 5 -5 1/22 III/21 IV/21 II/22 III/22 IV/22 Deviation from the target Monetary policy Foreign environment Exchange rate Domestic economy Other

		2022 2023	2024	
Interest rate	3M PRIBOR in %	6.3 6.8 (0.0) (-0.2)	4.6 (-0.2)	The market interest rate outlook is slightly lower compared with the winter forecast.
Exchange rate	CZK/EUR	24.6 23.7 (0.0) (-0.8)	24.3 (-0.2)	The forecast expects the koruna to be stronger than in the previous projection.

Note: Changes compared to the previous forecast in brackets (a green label indicates an increase in value or a shift to a weaker koruna, while a red label indicates a decrease in value or a shift to a stronger koruna).

Chart F.1

Interest rate forecast

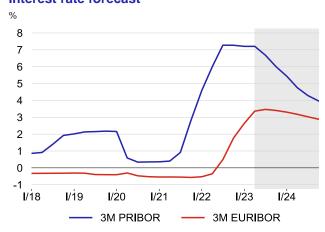


Chart F.2

Exchange rate forecast

nominal exchange rate 28 27 26 25 24 23 22 21 20 I/21 1/20 I/18 I/19 1/22 I/23 1/24

CZK/USD

Chart F.3

Interest rates

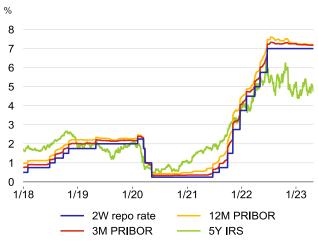


Chart F 4

Interest rate spread in Czech Republic

- CZK/EUR

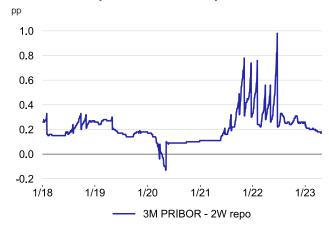


Chart F.5

Interest rate spread in Czech Republic

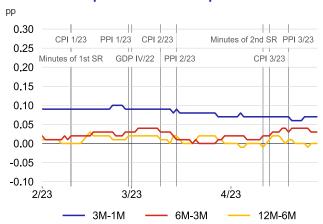


Chart F.6

PRIBOR yield curve %; selected days

Chart F.7

3M PRIBOR, FRA

%; selected days 8 7 6 5 4 3 2 1 0 . I/23 1/24 11/23 III/23 IV/23 28 April 2023 Minutes of 2nd SR Day after discussion of 2nd SR

Day of discussion of 2nd SR

Forecast from 3rd SR

Chart F.8 IRS yield curve

%; selected days

8

7

6

5

4

3

2

1

0

1Y

2Y

3Y

4Y

5Y

6Y

7Y

8Y

9Y

10Y

— 28 April 2023

— Day after discussion of 2nd SR

Minutes of 2nd SR

— Day of discussion of 2nd SR

Chart F.9

Government bond yield curve

%; monthly averages 8 7 6 5 4 3 2 1 0 7Y 3Y 11Y 13Y 15Y 4/22 12/22 2/23 **-** 4/23

Chart F.10

Government bond yield curve

%; selected days 7 3 2 2Y 3Y 6Y 7Y 8Y 10Y 1Y 5Y 9Y - 28 April 2023 Day after discussion of 2nd SR Minutes of 2nd SR Day of discussion of 2nd SR

Chart F.11

Exchange rate

CZK/EUR and CZK/USD 28 27 26 25 24 23 22 21 20 1/19 1/20 1/21 1/22 1/23 1/18 CZK/EUR - CZK/USD

Chart F.12 Central European exchange rates

index (1 February 2023 = 1.00)

1.10

1.05

1.00

0.95

0.90

2/23

3/23

4/23

— CZK/EUR

HUF/EUR

PLN/EUR

Chart F.13

Current development of koruna exchange rate

25.0

24.5

24.0

23.5

23.0

2/23

3/23

4/23

Chart F.14 Expected change in koruna exchange rate

nominal CZK/EUR exchange rate at 1Y horizon; %

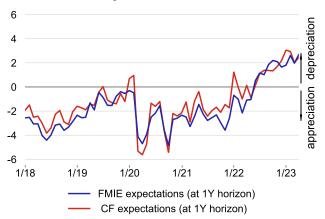


Chart F.15 (MF CR, CNB)

Volume of koruna assets of non-residents

CZK billions

1000

800

600

400

200

1/13 1/14 1/15 1/16 1/17 1/18 1/19 1/20 1/21 1/22 1/23

— Domestic government bonds held by non-residents
— Short-term deposits with banks

Chart F.16 (Statistical survey of CNB and Confederation of Industry of CR)

Hedging of exports against exchange rate risks

weighted mean in %
60



Chart F.17

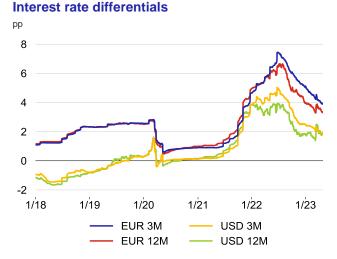
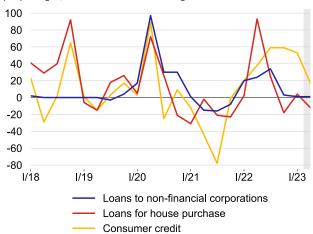


Chart F.18 (Bank Lending Survey, CNB)

Credit standards of banks

q-o-q changes; net market shares of banking market in %



The differential between interest rates on the Czech money market and rates in EUR and USD.

Positive (negative) values indicate a tightening (relaxing) of credit standards. Banks' expectations for the next quarter are shown in the grey area.

Table F.1

Client interest rates on loans and deposits

new business unless otherwise indicated; %; changes in pp

	Interest rate	Change since			
	3/23	12/22	9/22	6/22	6/21
HOUSEHOLDS					
Mortgages	5.0	0.3	0.4	0.7	2.9
Mortgages with rate fixation 1-5 years	5.4	0.3	0.4	0.9	3.2
Mortgages with rate fixation 5-10 years	3.6	-0.2	-0.3	-0.4	1.5
Genuinely new mortgages	5.9	-0.1	0.0	0.9	3.8
Consumer credit	9.5	-0.2	-0.2	0.6	2.2
Deposits (outstanding amounts, total)	2.1	0.3	0.6	1.0	1.9
Overnight deposits	1.5	0.2	0.5	8.0	1.5
New deposits with agreed maturity	6.0	0.0	0.0	0.7	5.5
NON-FINANCIAL CORPORATIONS					
Total loans	8.9	-0.1	0.5	1.0	7.6
Small loans (up to CZK 30 million)	8.2	0.4	0.6	1.5	5.5
Large loans (over CZK 30 million)	9.1	-0.1	0.5	0.9	7.9
Genuinely new loans	9.1	0.0	0.5	1.0	7.8
Total outstanding loans	7.4	0.0	0.1	0.4	4.7
Deposits (outstanding amounts, total)	3.4	1.2	0.6	1.2	3.3
Overnight deposits	1.8	0.7	0.3	0.7	1.7
New deposits with agreed maturity	6.5	0.7	0.0	0.7	6.3

Chart F.19
Client interest rates in CZ and euro area

total credit costs as expressed by cost of borrowing; %

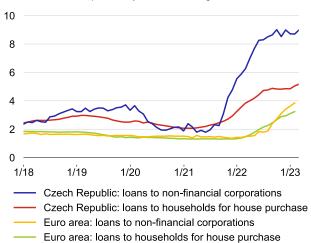
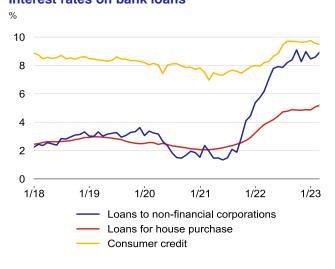


Chart F.20 Interest rates on bank loans



Interest rates on bank deposits

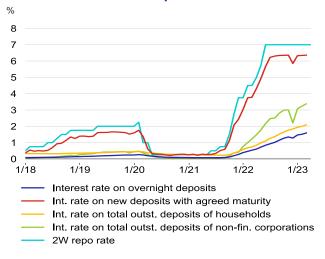
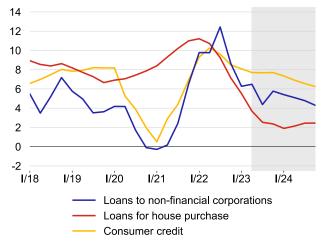


Chart F.22 **Loans to private sector**

annual rates of growth in %



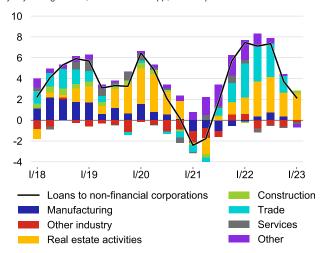
Share of foreign currency loans in total loans non-financial corporations; %



Chart F.24

Loans to non-financial corporations

y-o-y changes in %; contributions in pp; end-of-quarter data



Other comprises agriculture and transport.

Chart F.25

Loans to households

annual rates of growth in %; contributions in pp; end-of-quarter data

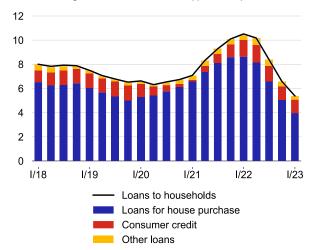


Chart F.26

New mortgages to households

genuinely new mortgages including increases; volumes in CZK billions; y-o-y changes in %



Chart F.27

Debt of NFCs and households

ratios to annualised nominal GDP in %

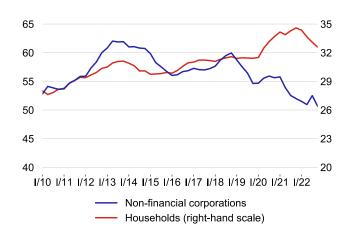


Chart F.28

Loans and monetary aggregates

annual rates of growth in %

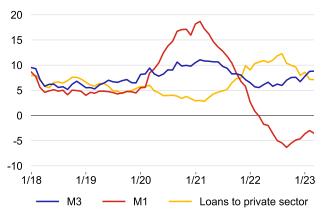


Chart F.29

Deposits included in M3

annual rates of growth in %; contributions in pp

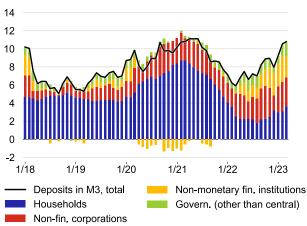
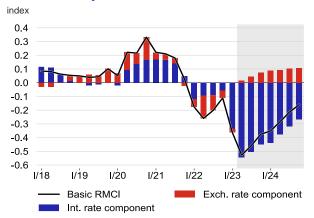


Chart F.30

Real monetary conditions



Positive values correspond to easy monetary conditions and vice versa. The methodology for the RMCI index is given in the box <u>Index of monetary conditions for the Czech Republic</u> from the Inflation Report II/2015.

Chart F 31

Alternative index of real monetary conditions



An upward shift in value corresponds to the easing of monetary conditions and vice versa.

G — Fiscal developments

		2022	2023	2024	
Government budget balance	% of GDP pp	-3.6 (0.3)	-3.9 (0.6)	-2.5 (0.3)	The government budget balance is better due mainly to higher tax revenue as a result of the revised economic outlook and lower pension expenditure.
Government debt	% of GDP pp	44.1 (1.1)	44.0 (0.0)	44.2 (-0.6)	The nominal debt as a percentage of GDP is unchanged for this year and will be lower next year owing to a more favourable government deficit forecast.
Fiscal impulse	contr. to GDP growth	-0.3 (0.0)	0.0 (-0.1)	-0.4 (-0.1)	The fiscal impulse has been revised in the restrictive direction, mainly as a result of a smaller extraordinary increase in pensions in June.

Note: Changes compared to the previous forecast in brackets (a green label indicates an increase in value and a red label a decrease).

G — Fiscal developments

Table G.1 Fiscal forecast

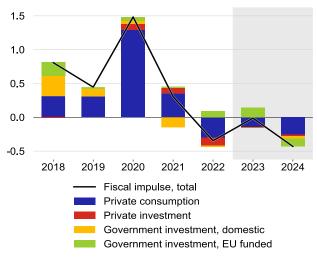
% of nominal GDP

	2021	2022	2023	2024
Government revenue	41.4	41.0	40.5	40.3
Government expenditure	46.5	44.6	44.4	42.8
GOVERN. BUDGET BALANCE	-5.1	-3.6	-3.9	-2.5
of which: primary balance ^{a)}	-4.3	-2.5	-2.5	-1.1
ADJUSTED BUDGET BALANCE ^{b)}	-5.4	-3.7	-3.9	-2.7
Cyclical component c)	0.3	0.2	-0.1	0.0
Structural balance c)	-5.7	-3.9	-3.7	-2.7
Fiscal stance in pp ^{d)}	0.4	1.8	0.2	1.0
GOVERNMENT DEBT	42.0	44.1	44.0	44.2

- a) government budget balance minus interest payments
- b) CNB estimate, balance adjusted for extraordinary one-off operations (revenues from the sale of emission permits, expenditures on the (new) Green Savings Programme, realised guarantees and revenues from the sale of frequency bands to mobile operators, etc.).
- c) CNB estimate based on an aggregate method that defines the position of the cycle based on the output gap
- d) year-on-year change in structural balance

Chart G.1 Fiscal impulse

contributions to GDP growth in pp



H — The balance of payments

		2022	2023	2024	
Current account	% of GDP pp	-6.1 (-0.4)	0.1 (0.6)	1.1 (0.6)	The current account balance is substantially better because of a considerably larger goods and services surplus, which will be partially offset by higher dividend outflows.
Capital account	% of GDP pp	0.1 (-0.3)	0.7 (-0.7)	0.6 (-0.1)	The capital account surplus is lower primarily this year as a result of expected smaller absorption of EU funds due to the deferral of payments beyond the forecast horizon.
Goods and services balance	CZK billions	-9 (18)	324 (98)	443 (108)	The revision is due to a higher goods surplus linked primarily with lower imports this year due to subdued domestic demand, lower energy prices and a stronger CZK/USD exchange rate.

Note: Changes compared to the previous forecast in brackets (a green label indicates an increase in value and a red label a decrease).

This section presents an update of the main balance of payments variables monitored when creating a forecast. More detailed information can be found once a year in the <u>Balance of Payments Report</u>.

H — The balance of payments

Chart H.1

Ratios of balance of payments accounts to GDP

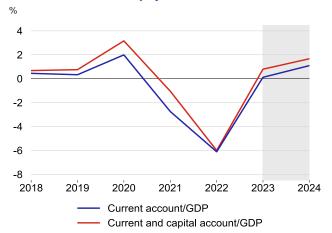
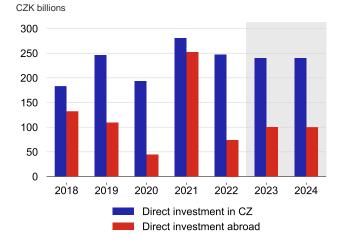


Chart H.2 **Direct investment structure**



Balance of payments forecast

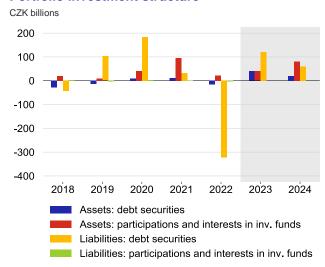
CZK billions

	2021	2022	2023	2024
A. CURRENT ACCOUNT	-168.0	-415.3	8.5	85.1
Goods	69.0	-99.3	214.8	318.5
Services	105.0	89.9	109.6	124.2
Primary income	-312.0	-374.8	-275.8	-317.6
Secondary income	-30.0	-31.1	-40.0	-40.0
B. CAPITAL ACCOUNT	103.8	7.4	50.0	45.0
C. FINANCIAL ACCOUNT ^{a)}	-40.0	-415.1	-200.0	-120.0
Direct investment	-28.5	-172.4	-140.0	-140.0
Portfolio investment	75.2	331.3	-40.0	40.0
Financial derivatives	-58.2	-37.7		
Other investment	-324.5	-229.2	-20.0	-20.0
Reserve assets	296.1	-307.1		

a) forecast excluding operations of banking sector, CNB and financial derivatives $% \left(1\right) =\left(1\right) \left(1\right)$

Chart H.3

Portfolio investment structure



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