

# INFLATION MONITOR January 20, 2025

Economic Analysis and Research Department

# Macroeconomic indicators:

- **Euro area**: HICP headline inflation increased to 2.4% in December 2024 from 2.2% in November. This is due to minor increases in processed food inflation and services inflation and to a significant upward move in the energy inflation rate, which returned to positive ground again. Core inflation (HICP excluding energy and food) remained stable at 2.7% for the fourth consecutive month.
- US: CPI inflation ticked up to 2.9% in December from 2.7% in November 2024. Core CPI inflation slowed to 3.2% in December, from 3.3 in November.
- **Greece**: HICP headline inflation ticked down to 2.9% in December 2024 from 3.0% in November, as further declines in processed food, unprocessed food and non-energy industrial goods' inflation rates were partly offset by the significant pickup in energy inflation. Core inflation marginally declined to 4.4% in December 2024 from 4.5% in November attributed to the decline in non-energy industrial goods' inflation. The core inflation in Greece continues exhibiting a significant positive difference of 1.7 percentage point compared to the euro area. Greece's compensation per employee growth slowed down in 2024:Q3 after several quarters of accelerating growth.
- Labour markets remain tight in several euro area economies.
- The early January spike in European natural gas prices, prompted by increased heating demand, was subsequently partly reversed by milder weather conditions. Since mid-December 2024, intensification of US sanctions to Russia have contributed to pushing crude oil prices to a multi-month high.

# Market-based indicators:

- Medium- and long-term US and euro area nominal yields rose, driven by both the real and the inflation-expectations components.
- Market-based expectations for policy rates in the US and in the euro area were revised upwards.
  - The ECB cut rates four times in 2024 by a total of 100 bps. Moreover, markets expect that the ECB will further cut its rates by 75-100 bps in 2025 vis-à-vis 100-125 bps expected one month ago.
  - The Fed reduced the Fed funds rate (FFR) three times in 2024 by a total of 75 bps. Markets anticipate a rate cut by 25 bps, by the end of 2025 which constitutes an upward revision for the outlook of interest rate of up to 50 bps vis-à-vis expectations formed in Dec-2024 and 125 bps vis-à-vis expectations formed at the end of 2024Q3.

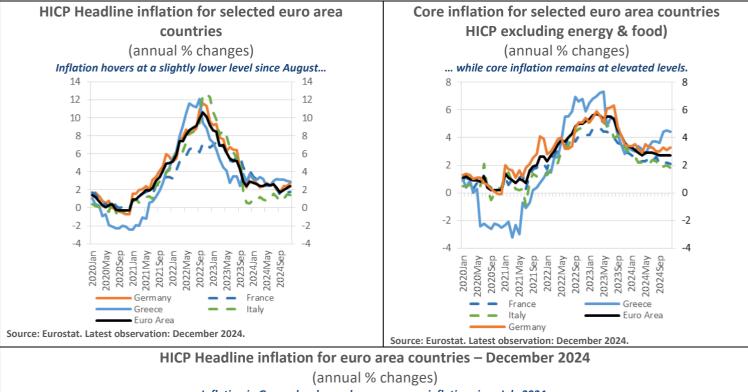
# Key statements and news:

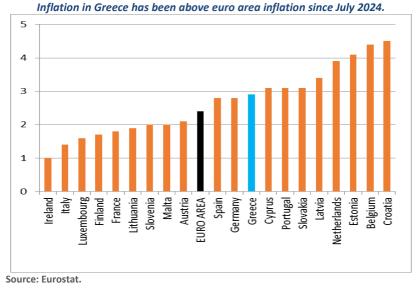
- On 18 December 2024, the Fed decided to lower the FFR by 25 basis points; the FOMC statement noted that the risks to achieving the employment and inflation goals are roughly in balance.
- Fed Chair Jerome Powell said that December's decision was a "closer call", noting "from this point forward it's appropriate to move forward cautiously and look for progress on inflation".
- According to the FOMC minutes released on 8 January 2025, participants noted that the disinflationary process "could take longer than previously anticipated"; also, several participants observed that it "may have stalled temporarily or noted the risk that it could".

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# Section 1: HICP inflation developments

- Inflation in the euro area slowed down in the second half of 2024 being though rather volatile. Core inflation remains at elevated levels moving sideways since the first quarter of 2024.
- In Greece, in the course of the second half, headline inflation continued to move sideways. Core inflation increased mainly due to strengthening in services inflation; it continues exhibiting a significant positive difference to the euro area.





Price developments in the euro area and Greece (annual % changes) Core inflation stays at elevated levels due to increased services inflation.															
	2024		2023	2024		20	24		2024						
EURO AREA	weights (%)	2022			Q1	Q2	Q3	Q4	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Harmonised Index of Consumer Prices (HICP)															
Overall index	100.00	8.4	5.4	2.4	2.6	2.5	2.2	2.2	2.5	2.6	2.2	1.7	2.0	2.2	2.4
Goods	55.12	11.9	5.7	1.1	1.5	1.3	0.6	0.8	1.2	1.4	0.5	0.0	0.4	0.9	1.2
Processed food (including alcohol and tobacco)	15.12	8.6	11.4	3.2	4.4	2.9	2.7	2.8	2.7	2.7	2.7	2.6	2.8	2.8	2.9
Unprocessed food	4.35	10.4	9.1	1.9	2.8	1.4	1.2	2.3	1.3	1.0	1.1	1.6	3.0	2.3	1.6
Non-energy industrial goods	25.73	4.6	5.0	0.8	1.6	0.7	0.5	0.6	0.7	0.7	0.4	0.4	0.5	0.6	0.5
Energy	9.91	37.0	-2.0	-2.2	-3.9	0.0	-2.7	-2.2	0.2	1.2	-3.0	-6.1	-4.6	-2.0	0.1
Services	44.88	3.5	4.9	4.0	4.0	4.0	4.0	3.9	4.1	4.0	4.1	3.9	4.0	3.9	4.0
Core Inflation (HICP less energy, food, alcohol and tobacco)	70.62	3.9	4.9	2.8	3.1	2.8	2.8	2.7	2.9	2.9	2.8	2.7	2.7	2.7	2.7
GREECE															
Harmonised Index of Consumer Prices (HICP)															
Overall index	100.00	9.3	4.2	3.0	3.2	2.7	3.1	3.0	2.5	3.0	3.2	3.1	3.1	3.0	2.9
Goods	53.62	12.9	3.8	1.7	2.9	1.6	1.6	0.7	0.7	1.1	1.7	1.9	0.9	0.7	0.7
Processed food (including alcohol and tobacco)	17.27	9.5	9.3	2.5	4.6	3.0	2.3	0.2	2.7	2.5	2.1	2.3	0.8	0.0	-0.3
Unprocessed food	7.65	10.1	11.1	3.4	9.0	2.3	1.7	1.1	-1.7	-1.2	2.0	4.4	1.5	1.7	0.0
Non-energy industrial goods	21.14	5.0	6.4	1.7	2.2	1.4	1.4	1.8	1.1	0.9	1.4	1.8	1.6	2.1	1.7
Energy	7.56	41.0	-13.4	-1.4	-3.4	-1.9	1.0	-1.1	-2.4	1.4	2.3	-0.8	-1.6	-2.3	0.7
Services	46.38	4.5	4.5	4.4	3.6	3.8	4.7	5.6	4.4	5.0	4.7	4.4	5.6	5.6	5.6
Core Inflation (HICP less energy, food, alcohol and tobacco)	67.52	4.6	5.3	3.6	3.1	3.1	3.7	4.4	3.4	3.7	3.7	3.6	4.4	4.5	4.4

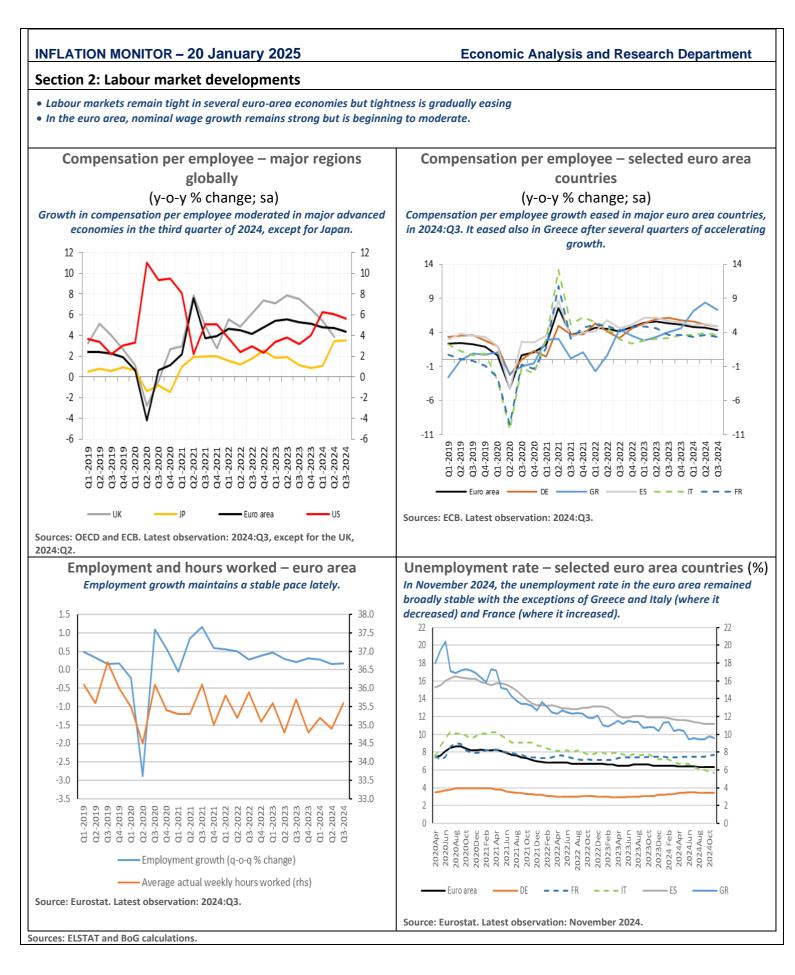
Sources: Eurostat, ELSTAT and BoG calculations.

# Price developments in the energy component of the Greek HICP and its subcomponents

(annual % changes)

Energy price inflation oscillated in the second half of 2024 due to increases in electricity and in natural gas inflation, with significant drops in motor fuel prices' inflation and in heating oil prices' inflation.

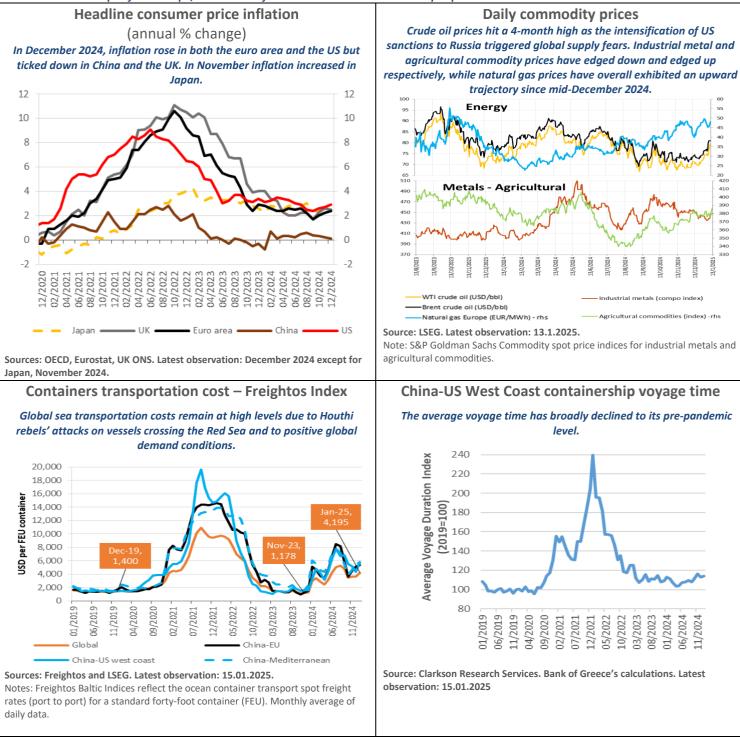
	2024				2024				2024						
GREECE	weights (%)	2022	2023	2024	Q1	Q2	Q3	Q4	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Harmonised Index of Consumer Prices (HICP)															
Overall HICP index	100.00	9.3	4.2	3.0	3.2	2.7	3.1	3.0	2.5	3.0	3.2	3.1	3.1	3.0	2.9
ENERGY	7.56	41.0	-13.4	-1.4	-3.4	-1.9	1.0	-1.1	-2.4	1.4	2.3	-0.8	-1.6	-2.3	0.7
Electricity	2.56	43.1	-15.0	0.5	-2.0	-11.2	6.4	9.2	-12.2	-1.8	9.7	11.3	12.9	7.0	7.6
Natural gas and town gas	0.25	127.0	-49	-17.4	-52.3	-10.6	23.7	6.0	13.1	23.4	28.0	20.2	10.2	-0.1	8.7
Liquefied hydrocarbons	0.04	11.5	7.6	-0.3	1.4	-1.2	-2.2	0.6	-1.5	-2.7	-3.0	-0.9	-2.8	2.6	2.3
Liquid fuels	1.07	45.1	-11.8	1.6	7.7	6.3	6.3	-12.5	6.3	6.3	6.3	6.3	-16.0	-13.4	-7.6
Solid fuels	0.22	11.0	21.2	0.4	7.6	0.0	-1.5	-3.8	-0.4	-0.7	-1.2	-2.7	-4.1	-4.0	-3.4
Fuels for personal transport equipment	3.42	25.5	-7.8	-2.7	-1.8	2.8	-6.4	-5.3	0.6	0.5	-6.2	-13.1	-7.8	-5.6	-2.2



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### Section 3: Global prices

- The Inflation rate accelerated in major advanced economies, apart from China and the UK.
- The early January spike in European natural gas prices, prompted by increased heating demand, was subsequently partly reversed, by milder weather conditions. Since mid-December 2024, intensification of US sanctions to Russia have contributed to pushing crude oil prices to a multi-month high.
- The deceleration of global industrial activity has exerted downward pressure on industrial metal commodity prices, while adverse global weather conditions have contributed to upward price pressure on agricultural commodities.
- The attacks on vessels in the Red Sea/Gulf of Aden by Houthi rebels since mid-December 2023 led several containership companies to suspend transit through that region. As a result, the global sea container transportation cost has more than tripled compared to November 2023, supported also by positive global demand conditions. Transit time between China Europe has increased as some vessels opt for the longer route via the Cape of Good Hope, but the one of China USA remains close at its pre-pandemic level.



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### Section 4: Leading price indicators

• The December PMI input prices in Greece continued rising at the highest pace since July due to a shortage of materials, especially foodstaff; firms passed through the increased costs via a sharp uptick in selling prices.





Output Prices

Source: S&P Global. Latest observation: December 2024.

Input Prices

Selling price expectations in business sectors in Greece (for the next 3 months) Selling price expectations remained flat in all sectors, except for the retail trade sector, in December 2024...

01/2019 06/2019 11/2019 04/2020 09/2020 03/2023 01/2024 06/2024 05/2022 10/2022 08/2023 02/2021 /2021 07/2021 /202/ Retail trade Industry Services Construction

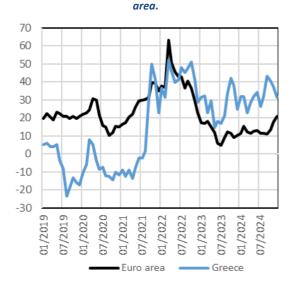
Source: European Commission. Latest observation: December 2024. Note: Data are obtained from the closed-ended question about expectation of inflation over the next 3 months. The chart shows the net balances i.e. the share of consumers expecting higher inflation minus the share of consumers expecting lower inflation.





Source: ELSTAT. Latest observation: November 2024.

Developments in consumer inflation expectations (for the next 12 months) ...while consumers' inflation expectations, despite some softening in the last two months, remain elevated in Greece compared to the euro

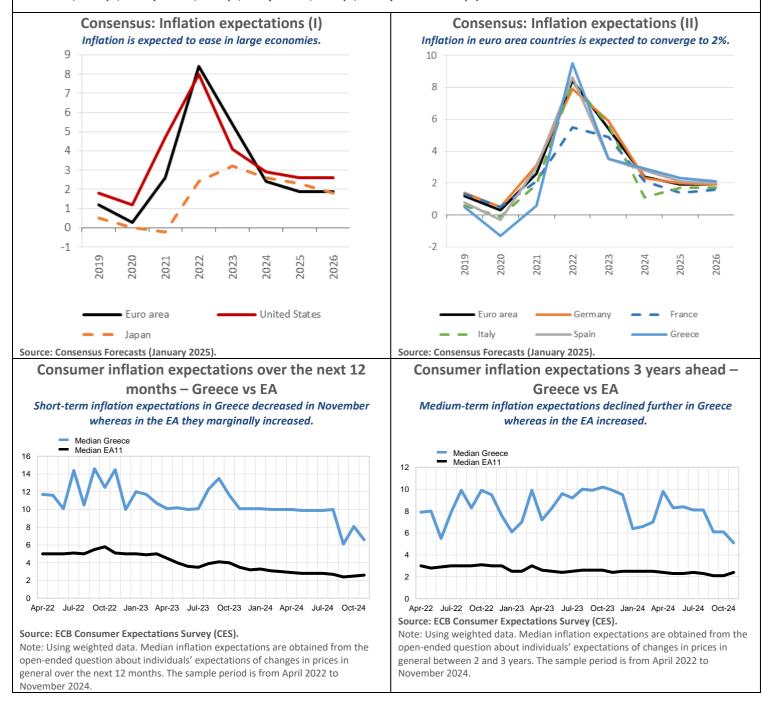


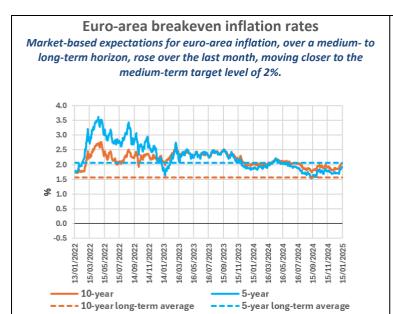
Source: European Commission. Latest observation December 2024. Note: Data are obtained from the closed-ended question about expectation of inflation over the next 12 months. The chart shows the net balances i.e. the share of consumers expecting higher inflation minus the share of consumers expecting lower inflation.

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### Section 5: Inflation expectations

- Consensus Forecasts of inflation released in January suggest that inflation is expected to decline in most advanced economies in 2025, at 1.9% in the euro area and 2.6% for the US, but it will remain constant in 2026.
- The ECB's Consumer Expectations Survey (CES) shows that median inflation expectations over the next 12 months in Greece decreased to 6.6% in November 2024 from 8.1% in October, while in the euro area they marginally increased to 2.6% from 2.5% over the same period. Median inflation expectations three years ahead in Greece declined to 5.1% in November 2024 from 6.1% in October, whereas in the euro area they increased to 2.4% from 2.1%, respectively.
- Market-based inflation expectations rose in the euro area and in the US; currently, medium term breakeven inflation is slightly below 2% in the EA and higher than 2% in the US (on 14.1.2025 vs. 15.12.2024, 5-year breakeven inflation rates: EA: 1.92%, +16 bps; US: 2.55%, +15 bps; 10-year breakeven inflation rates: EA: 2.04%, +15 bps; US: 2.46%, +11 bps). Real yields rose in the EA and in the US (on 14.1.2025 vs 15.12.2024: EA-5y: 0.51%, +19 bps; EA-10y: 0.59%, +23 bps; US-5y: 2.04%; +20 bps, US-10y: 2.33%: +28 bps).



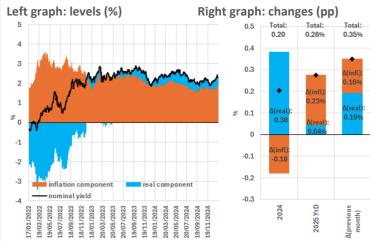


#### Sources: LSEG, Bank of Greece. Latest observation: 14.1.2025.

Note: The chart illustrates daily developments in the yield differential between nominal and inflation-linked EA benchmark bonds with a maturity of 5 (blue line) and 10 (orange line) years. The dotted lines indicate the average value of each series since 2013.

Euro area: Decomposition of nominal 5y yields into real yield and inflation component

In the EA, nominal yields rose, as both inflation expectations and real yields (i.e. inflation-linked bond yields which compensate investors for inflation) increased.



Sources: LSEG, Bank of Greece. Latest observation: 14.1.2025.

Note: The chart shows the decomposition of the 5-year EA benchmark bond yield (black line) into its real (blue bars) and inflation-linked (orange bars) components. The inflation component is the breakeven inflation rate and the real component is the yield of the bond that compensates bondholders for inflation (i.e. the 5-year German inflation-linked federal bond).

# US breakeven inflation rates Market-based expectations for US inflation, over a medium- to long-



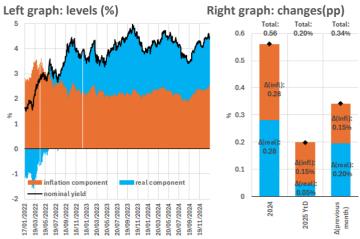


#### Sources: LSEG, Bank of Greece. Latest observation: 14.1.2025.

Note: The chart illustrates daily developments in the yield differential between nominal and inflation-linked US Treasury bonds with a maturity of 5 (blue line) and 10 (orange line) years. The dotted lines indicate the average value of each series since 2013.

US: Decomposition of nominal 5y yields into real yield and inflation component

In the US, nominal yields on medium-term bonds rose, driven by both inflation expectations and real yields (i.e. yields on US Treasury inflation-protected securities).



#### Sources: LSEG, Bank of Greece. Latest observation: 14.1.2025.

Note: The chart shows the decomposition of the 5-year US Treasury bond yield (black line) into its real (blue bars) and inflation-linked (orange bars) components. The inflation component is the breakeven inflation rate and the real component is the yield of the bond that compensates bondholders for inflation (i.e. the 5-year US Treasury Inflation-Protected Security).

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# Section 6: Policy interest rates expectations

- The ECB cut its policy rates four times in 2024 by a total of 100 bps. Furthermore, by the end of 2025 the ECB's DFR is expected to stand 75-100 bps lower than at the end of 2024, i.e. 25 bps higher vis-à-vis one month ago.
- The Fed cut rates three times in 2024 by a total of 75 bps. Until the end of 2025, policy rate expectations have been revised upwards vis-à-vis one month ago, i.e. a rate cut of 25 bps is now anticipated vis-à-vis 50 bps one month ago. Rate expectations have been revised significantly towards fewer rate cuts than mid-September of 2024, when rate cuts of 100 bps were expected in 2025.



### Sources: LSEG. Latest observation: 14.1.2025.

Notes: Upper charts: The orange line shows the most recent expectation about the level of the policy rate (ECB: Deposit Facility Rate, Fed: Fed funds rate), as implied by the OIS rates' yield curve (ECB) or the pricing in futures contracts (Fed) for each meeting from today until December 2025. The blue line shows the expectation one month ago and the blue dotted line the expectation three months ago. The horizontal axis shows the date of each meeting. The dashed lines show the present level of the policy rate and its expected level given the market's view about upcoming rate moves by the ECB (charts in the left) or the Fed (charts on the right). Lower charts: The bars show the level of likelihood (i.e. implied probabilities) for the event of a rate move (from left to right: cut, no change, hike). The graphs correspond to monetary policy meetings (GovC for the ECB and FOMC for the Fed) during 2025. The probabilities for each move are calculated as the sum of the probabilities for rates lower, equal or higher, respectively, vis-à-vis the central probability for the rate at the previous meeting as inferred by the latest OIS yield curve (ECB) or futures contracts for different delivery dates (Fed).

### Section 7: Eurosystem's latest published inflation projections (December 2024)

Euro area

- HICP inflation is projected to temporarily rise in late 2024 due to upward base effects in the energy component, before declining to hover around 2% from the second quarter of 2025.
- Based on assumptions of declining energy prices, energy inflation will remain negative until the second half of 2025 and will stay subdued thereafter, except for an uptick in 2027. A new EU-wide carbon pricing scheme for transport fuels and building heating (ETS2) is projected to temporarily raise headline inflation by 0.3 p.p in 2027 (energy inflation up 2.9 p.p.)
- HICP inflation excluding energy and food (HICPX) is expected to decline in early 2025. So far, the moderation in HICPX inflation has been largely due to the unwinding of non-energy industrial goods price dynamics. However, from early 2025 a decline in HICPX inflation is expected to be driven by a decrease in services inflation reflecting the ongoing unwinding of past shocks, an easing of labour cost pressures and the lagged impact of the past tightening of monetary policy.
- Wage growth will initially remain elevated but will decline gradually as inflation compensation pressures fade. The moderation in growth of compensation per employee, coupled with a recovery in productivity growth, is expected to lead to significantly slower growth of unit labour costs. As a result, domestic price pressures will ease, with profit margins initially buffering the still high labour cost pressures but they will be recovering over the projection horizon.
- Compared with the September 2024 projections, the outlook for headline HICP inflation has been revised down for 2024 and 2025, mainly owing to downward data surprises, lower oil and electricity price assumptions, the reassessment of the degree of economic slack and the downward revisions to the outlook for wages. By contrast, there is an upward revision of food inflation due to higher data outturns and higher food commodity price assumptions.

#### Greece

- HICP inflation will decline significantly over the next two years. In 2024 it is expected to stand at 3.0%, reflecting the sharp decline in energy commodity prices and the de-escalation of food inflation. By the end of 2026, inflation will converge towards the 2% mark but will remain slightly above it. However, in 2027 a one-off uptick in HICP inflation to 2.5% is expected due to the impact of ETS2 on the energy component.
- Core inflation is expected to decline in 2024, ending at 2.2% in 2027, reflecting mainly the decline in non-energy industrial goods inflation and to lesser extent services inflation.

		Eui	ro area			
	HICP ex Comp. per HICP energy and HICP energy employee food		Productivity	ULC		
			Rate	of changes		
2024	2.4	2.9	-2.3	4.6	-0.1	4.7
2025	2.1	2.3	-1.1	3.3	0.8	2.6
2026	1.9	1.9	0.5	2.9	0.9	2.0
2027	2.1	1.9	2.8	2.8	0.8	2.0
		G	reece			
	НІСР	HICP ex energ and food	gy HICP energy	Comp. per employee	Productivity	ULC
			Rate	e of changes		
2024	3.0	3.5	-1.2	5.1	0.9	4.1
2025	2.5	3.1	-0.3	4.5	1.2	3.2
2026	2.2	2.4	0.9	4.3	1.1	3.1
2027	2.5	2.2	6.9	4.5	0.8	3.6

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### **Economic Analysis and Research Department**

# Table of news and statements on inflation (period: 16/12/2024-17/1/2025)

### Statements by central bankers and other officials

- **16.12.2024:** Isabel Schnabel (keynote speech at the CERP Paris Symposium 2024 Banque de France, <u>link</u>): "[...] With interest rates approaching neutral territory and with risks to the inflation outlook broadly balanced, monetary policy should proceed gradually and remain datadependent."[...]"Empirical research suggests that, rather than the actual tariff increase itself, it is the rise in uncertainty that will be the main drag on growth. But these effects are often estimated to be short-lived, with growth rebounding sharply once uncertainty fades. [...]"
- **18.12.2024: FOMC statement,** <u>link</u>**):** "[...] Recent indicators suggest that economic activity has continued to expand at a solid pace. Since earlier in the year, labor market conditions have generally eased, and the unemployment rate has moved up but remains low. Inflation has made progress toward the Committee's 2 percent objective but remains somewhat elevated. [...] The Committee judges that the risks to achieving its employment and inflation goals are roughly in balance. The economic outlook is uncertain, and the Committee is attentive to the risks to both sides of its dual mandate."
- **18.12.2024: Fed Chair Jerome Powell (FOMC's press conference**, <u>link</u>): "[...] We're significantly closer to neutral. We still think where we are is meaningfully, meaningfully restrictive, and I think from this point forward, you know, it's appropriate to move cautiously and look for progress on inflation [...]."
- **18.12.2024**: **ECB's Phillip Lane (speech MNI Webcast,** <u>link)</u>: "[...] Market interest rates in the euro area have declined further since our October meeting, reflecting the perceived worsening of the economic outlook and the consequent repricing of policy rate expectations. Our past interest rate cuts together with the anticipation of future cuts are gradually making it less expensive for firms and households to borrow. [...] In summary, the incoming information and the latest staff projections indicate that the disinflation process remains well on track. While domestic inflation is still high, it should come down as services inflation dynamics moderate and labour cost pressures ease. Recent policy rate cuts are also gradually transmitting to funding costs, but financing conditions along the entire transmission chain remain restrictive."
- 09.01.2025: Fed Governor Michelle W. Bowman (At the California Bankers Association 2025 Bank Presidents Seminar, <u>link</u>): "[...] given the lack of continued progress on lowering inflation and the ongoing strength in economic activity and in the labor market, I could have supported taking no action at the December meeting. Still, I am pleased that the post-meeting statement continued to reference a flexible and datadependent approach for considering future policy adjustments. [...]" The rate of inflation declined significantly in 2023, but this progress appears to have stalled last year with core inflation still uncomfortably above the Committee's 2 percent goal. [...]"
- **15.01.2025: ECB's Vice President Luis de Guindos (speech at the 15th edition of Spain Investors Day,** <u>link</u>): "[...] Having cut interest rates four times since last June, by a total of 100 basis points, we have made substantial progress in bringing inflation back to target. The good news is that the disinflation process is well on track. Headline inflation came down quickly in 2023 from the double-digit figures we saw at the end of 2022, as the impact of energy and supply-side shocks faded. Core inflation also declined over the past two years, falling from 5% in 2023 to 2.8% in 2024. Most measures of underlying inflation suggest inflation will settle near our 2% target. [...]"

Date	Announcement	Actual	Expected*	Actual vs	Previous reading	
				Expected		
8 December 2024	Euro Zone HICP (%ΔYoY Nov Final)	2.2%	2.3%	-0.1%	2.3%	
8 December 2024	Euro Zone HICP ex. Tobacco, Food & Energy (%∆YoY Nov Final)	2.7%	2.7%	0.0%	2.7%	
20 December 2024	United States Core PCE (%ΔYoY Nov )	2.8%	2.9%	-0.1%	2.8%	
20 December 2024	United States PCE (%ΔYoY Nov )	2.4%	2.5%	-0.1%	2.3%	
6 January 2025	Germany CPI (%∆YoY Dec Preliminary)	2.6%	2.4%	0.2%	2.2%	
6 January 2025	Germany HICP (%ΔYoY Dec Preliminary)	2.8%	2.6%	0.2%	2.4%	
7 January 2025	France HICP (%ΔYoY Dec Preliminary)	1.8%	1.9%	-0.1%	1.7%	
7 January 2025	France CPI NSA (%ΔYoY Dec Preliminary)	1.3%	1.4%	-0.1%	1.3%	
7 January 2025	Euro Zone HICP (%ΔYoY Dec Flash)	2.4%	2.4%	0.0%	2.2%	
7 January 2025	Euro Zone HICP ex. Tobacco, Food & Energy (%∆YoY Dec Flash)	2.7%	2.7%	0.0%	2.7%	
7 January 2025	Italy CPI (%ΔYoY Dec Preliminary)	1.3%	1.5%	-0.2%	1.3%	
7 January 2025	Italy HICP (%ΔYoY Dec Preliminary)	1.4%	1.6%	-0.2%	1.5%	
13 January 2025	Greece HICP (%ΔYoY Dec )	2.9%			3.0%	
13 January 2025	Greece CPI (%ΔYoY Dec )	2.6%			2.4%	
15 January 2025	United States Core CPI, NSA (%∆YoY Dec)	3.2%	3.3%	-0.1%	3.3%	
15 January 2025	United States CPI, NSA (%ΔYoY Dec)	2.9%	2.9%	0.0%	2.7%	
16 January 2025	Germany CPI (%∆YoY Dec Final)	2.6%	2.6%	0.0%	2.6%	
16 January 2025	Germany HICP (%ΔYoY Dec Final)	2.8%	2.8%	0.0%	2.9%	
16 January 2025	Italy CPI (%ΔYoY Dec Final)	1.3%	1.4%	-0.1%	1.3%	
16 January 2025	Italy HICP (%ΔYoY Dec Final)	1.4%	1.4%	0.0%	1.4%	
17 January 2025	Euro Zone HICP (%ΔYoY Dec Final)	2.4%	2.4%	0.0%	2.4%	
17 January 2025	Euro Zone HICP ex. Tobacco, Food & Energy (%ΔYoY Dec Final)	2.7%	2.7%	0.0%	2.7%	

\*Expected figures are based on opinion polls among financial sector experts.

### Disclaimer

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