

Harmonised Labour Cost Index (HLCI). Base 2020
Second quarter 2023. *Provisional data*

The quarterly variation in the cost per hour worked, after eliminating calendar and seasonal effects, is 1.5%

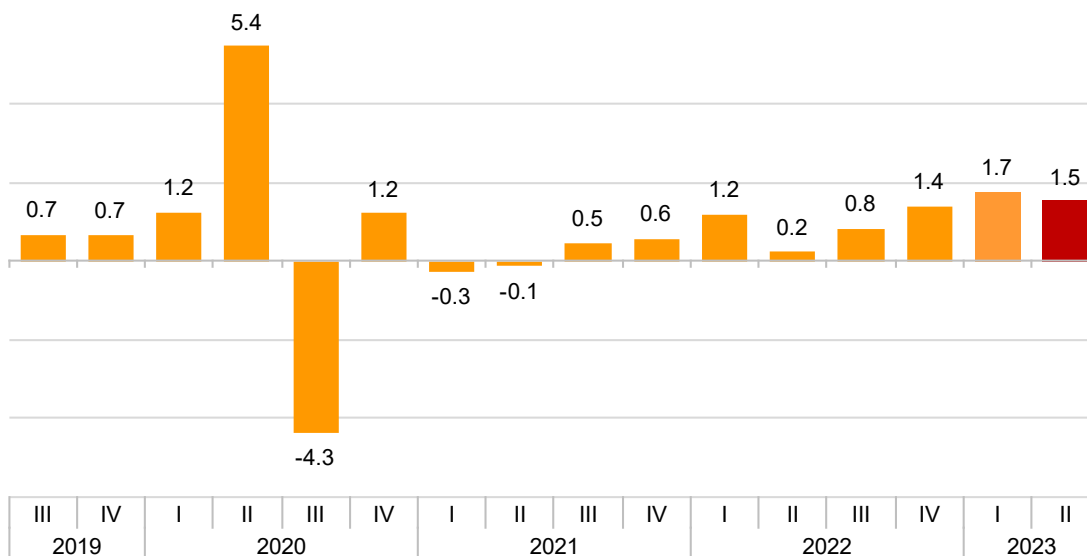
The cost per hour worked increased by 5.6% in the annual rate in the series adjusted for calendar and seasonal effects, and 6.5% in the original series

Quarterly variation of the Index

The quarterly variation of the HLCI –which measures the labour cost per hour worked while keeping constant the structure by branch of activity– stood at 1.5% between the second and first quarter of 2023, after adjusting for seasonal and calendar effects.

Labour Cost Index adjusted for seasonal and calendar effects

Quarterly rate. Percentage



By cost components, in seasonally and calendar adjusted data, wage costs showed a variation of 1.2%, and other costs of 2.5%.

Excluding seasonal and calendar adjustment, the quarterly rate was 9.0%, mainly due to the higher weight of extraordinary payments in the second quarter of 2023 compared to the first one.

Harmonised Labour Cost Index in the second quarter 2023

Index and quarterly rates by cost components

	General Index		Index adjusted for seasonal and calendar effects	
	Index	Rate	Index	Rate
Total labour cost	107,7	9,0	107,7	1,5
Wages	108,5	10,8	107,8	1,2
Other costs	105,3	4,1	107,5	2,5
Labour costs excluding extraordinary and late payment:	106,2	5,9	107,7	1,8

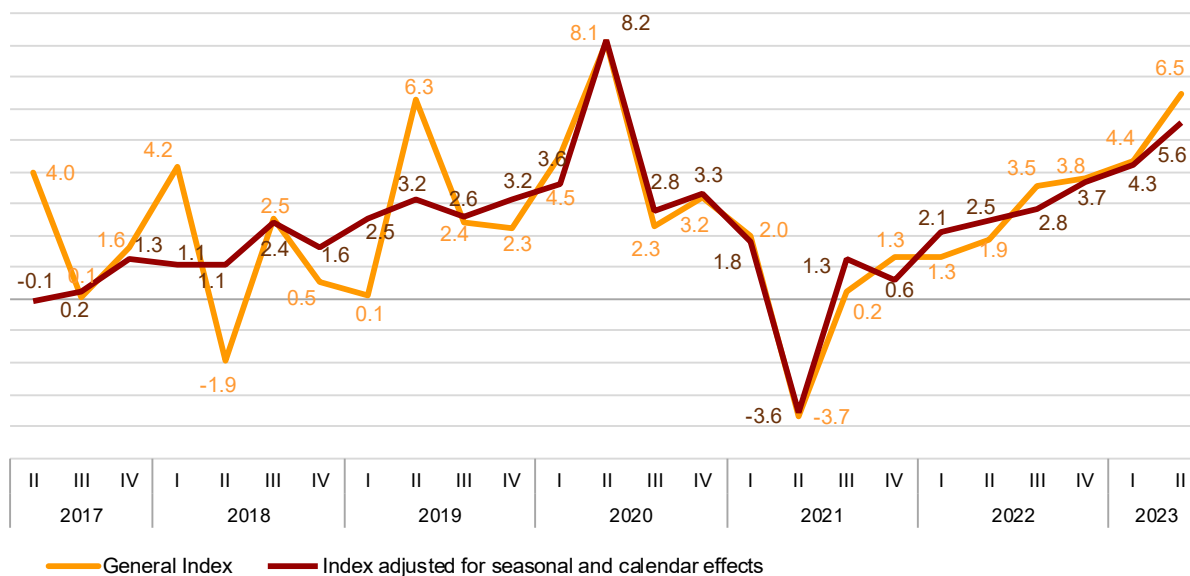
Annual variation of the Index

The cost per hour worked increased by 6.5% in the second quarter of 2023 compared to the same period of the previous year.

The annual variation of the cost per hour was 5.6%, after adjusting for seasonal and calendar effects.

Variation of the general index and index adjusted for seasonal and calendar effects

Annual rate. Percentage



By cost component, wage costs showed an annual variation of 4.8% in corrected data, while other costs increased by 7.9%.

Harmonised Labour Cost Index in the second quarter 2023

Index and annual rates by cost components

	General Index		Index adjusted for seasonal and calendar effects	
	Index	Rate	Index	Rate
Total labour cost	107,7	6,5	107,7	5,6
Wages	108,5	5,7	107,8	4,8
Other costs	105,3	8,8	107,5	7,9
Labour costs excluding extraordinary and late payment:	106,2	6,8	107,7	5,9

Results by activity sections

The sections registering the highest annual increments in the second quarter are the Mining and quarrying industries (11.3%), Professional, scientific and technical activities (8.6%) and Transport and storage (8.1%).

On the other hand, the cost descends in Electricity, gas, steam and air conditioning supply (-4.9%), and it registers the lowest increases in Real state activities (1.3%) and Water supply, waste management and remediation activities (1.5%).

Harmonised Labour Cost Index in the second quarter 2023 by activity sections

General index and index adjusted for seasonal and calendar effects

	General		Adjusted for calendar effects		Adjusted for season and calendar effects	
	Index ²	Rate ¹	Index ²	Rate ¹	Index ²	Rate ¹
TOTAL	107,7	6,5	106,9	5,7	107,7	5,6
B. Mining and quarrying industries	97,2	11,3	97,0	11,3	101,8	11,7
C. Manufacturing industries	105,8	7,0	104,8	6,1	106,8	5,9
D. Electricity, gas, steam and air conditioning supply	106,3	-4,9	105,4	-5,6	99,0	-5,2
E. Water supply, waste management and remediation activities	109,7	1,5	108,7	0,8	107,0	0,8
F. Construction	108,7	3,0	107,9	2,4	107,0	2,1
G. Wholesale and retail trade, repair of motor vehicles and motorcycles	108,3	7,4	107,5	6,6	109,5	6,6
H. Transport and storage	105,9	8,1	104,8	7,1	105,9	7,1
I. Accommodation	105,8	7,2	104,9	7,4	106,7	6,9
J. Information and communications	105,1	5,6	104,5	4,7	108,3	4,6
K. Financial and insurance activities	101,7	6,7	101,0	5,8	104,9	4,5
L. Real state activities	102,7	1,3	102,0	0,9	102,3	1,1
M. Professional, scientific and technical activities	105,8	8,6	105,4	8,2	110,6	8,2
N. Administrative and support services activities	107,3	7,3	106,7	6,8	108,6	6,5
O. Public Administration and defence, compulsory Social Security	113,6	5,3	113,1	4,9	110,0	5,2
P. Education	106,4	6,0	105,5	4,8	105,5	4,3
Q. Health and social services activities	110,8	7,5	109,9	5,9	108,0	5,9
R. Arts, entertainment and recreation	96,5	3,9	95,7	3,1	94,8	2,7
S. Other services	103,2	7,1	102,6	6,5	103,8	6,0

¹ As compared to the same quarter of the previous year

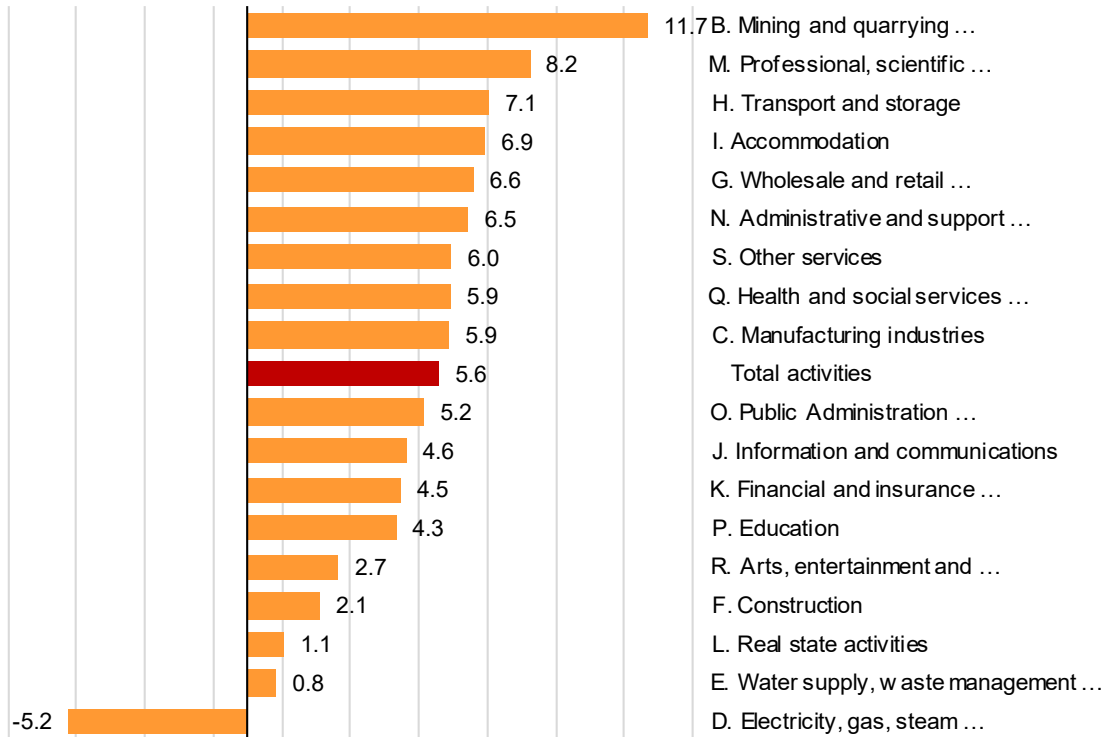
² Base year 2020

After adjusting for seasonal and calendar effects, the activities that presented the highest annual rates were Mining and quarrying industries (11.7%), Professional, scientific and technical activities (8.2%) and Transport and storage (7.1%).

On the other hand, the labour cost presents negative rates in Electricity, gas, steam and air conditioning supply (-5.2%), and it registers the lowest increases in Water supply, waste management and remediation activities (0.8%) and Real state activities (1.1%).

Index adjusted for seasonal and calendar effects. Activity sections

Second quarter 2023. Annual rate. Percentage



Revision and updating of data

Coinciding with today's publication, the ICLA provisional data of the first quarter of 2023 have been updated. The final index stands at 98.8 points.

The quarterly variation of the original series for that quarter stood at -9.6%, and that of the adjusted index was at 1.7%. In turn, the annual rate of the original series is 4.4% and that of the index corrected for calendar and seasonal effects is 4.3%. The results are available at INEBase.

Methodological note

The Harmonised Labour Cost Index (HLCI) is a quarterly continuous statistical operation whose objective is to provide a common and comparable measure of labour cost per hour worked for the whole of the European Union, allowing the monitoring of the evolution of said labour costs.

Indices with base 2020 are provided for total labour costs, wages and salaries and other costs net of subsidies received for the use of labour factor (includes social contributions payable by employers and non-wage payments). The index for total labour cost is also provided excluding extraordinary payments and delayed payments.

Type of operation: Statistics presented mainly in the form of indices.

Base year: 2020.

Population scope: Employees in local units.

Sources of information: The Quarterly Labour Cost Survey which is conducted on the basis of the Social Security contribution accounts. General Scheme: Sections B to S of CNAE-09 and Special Scheme for Seafarers: Sea Transport (Division 50 of CNAE-09). In order to cover all employees of the general government, information from the DARETRI file is used.

Geographical scope: the entire national territory.

Reference period of the results: the calendar quarter.

Calculation method: Chained Laspeyres.

For more information you can access the methodology at:

https://www.ine.es/en/metodologia/t22/t2230211_en.htm

And the standardised methodological report at:

<https://www.ine.es/dynt3/metadatos/en/RespuestaDatos.html?oe=30211>

INE statistics are produced in accordance with the Code of Good Practice for European Statistics, which is the basis for the institution's quality policy and strategy. For more information, see the section on [Quality in the INE and Code of Good Practices](#) on the INE's website.

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Harmonised Labour Cost Index (HLCI)

General index and index by activities

Second Quarter 2023

Base year 2020

Total labour cost. Original series

National index

	Index 2 nd quarter(P) ¹		Index 1 st quarter(D) ¹	
	Index	Rate ²	Index	Rate ²
GENERAL INDEX	107.7	6.5	98.8	4.4
B-E. Industry	106.0	6.2	96.9	4.9
B. Mining and quarrying industries	97.2	11.3	91.7	10.3
C. Manufacturing industries	105.8	7.0	95.7	4.6
D. Electricity, gas, steam and air conditioning supply	106.3	-4.9	120.8	8.8
E. Water supply, waste management and remediation activities	109.7	1.5	102.0	4.3
F. Construction	108.7	3.0	96.2	4.0
G-J. Wholesale and retail trade, repair of motor vehicles and motorcycles; Transport and storage; Accommodation; Information and communications	107.0	7.2	103.1	6.1
G. Wholesale and retail trade, repair of motor vehicles and motorcycles	108.3	7.4	104.4	6.6
H. Transport and storage	105.9	8.1	100.7	4.7
I. Accommodation	105.8	7.2	101.7	5.2
J. Information and communications	105.1	5.6	102.9	7.0
K-N. Financial and insurance activities; Real state activities; Professional, scientific and technical activities; Administrative and support services activities	105.3	7.5	103.5	2.3
K. Financial and insurance activities	101.7	6.7	109.2	-4.9
L. Real state activities	102.7	1.3	101.3	6.0
M. Professional, scientific and technical activities	105.8	8.6	100.7	4.3
N. Administrative and support services activities	107.3	7.3	102.9	6.0
O-S. Public Administration and defence, compulsory Social Security; Education; Health and social services activities; Arts, entertainment and recreation; Other Services	110.2	6.2	93.7	3.6
O. Public Administration and defence, compulsory Social Security	113.6	5.3	93.7	4.6
P. Education	106.4	6.0	92.5	2.0
Q. Health and social services activities	110.8	7.5	94.4	3.4
R. Arts, entertainment and recreation	96.5	3.9	89.1	3.4
S. Other services	103.2	7.1	96.2	3.6

¹ P: provisional data - D: definitive data

² As compared to the same quarter of the previous year

Harmonised Labour Cost Index (HLCI)

General index and index by activities

Second Quarter 2023

Base year 2020

Wage cost. Original series

National index

	Index 2 nd quarter(P) ¹		Index 1 st quarter(D) ¹	
	Index	Rate ²	Index	Rate ²
GENERAL INDEX	108.5	5.7	97.9	4.2
B-E. Industry	106.9	5.0	96.3	4.6
B. Mining and quarrying industries	92.7	3.4	89.6	6.0
C. Manufacturing industries	106.9	6.1	94.8	4.2
D. Electricity, gas, steam and air conditioning supply	106.9	-6.9	125.9	11.0
E. Water supply, waste management and remediation activities	110.6	-0.7	101.6	4.4
F. Construction	109.6	1.4	93.5	3.6
G-J. Wholesale and retail trade, repair of motor vehicles and motorcycles; Transport and storage; Accommodation; Information and communications	107.5	6.2	103.7	6.0
G. Wholesale and retail trade, repair of motor vehicles and motorcycles	108.3	6.5	104.2	6.6
H. Transport and storage	107.3	8.1	101.8	4.8
I. Accommodation	109.5	6.1	105.3	4.6
J. Information and communications	104.6	4.0	103.1	6.6
K-N. Financial and insurance activities; Real state activities; Professional, scientific and technical activities; Administrative and support services activities	105.9	7.6	104.1	2.0
K. Financial and insurance activities	103.1	7.7	112.5	-4.3
L. Real state activities	104.6	5.8	103.5	7.1
M. Professional, scientific and technical activities	106.4	8.1	100.8	3.9
N. Administrative and support services activities	107.5	7.2	102.2	5.7
O-S. Public Administration and defence, compulsory Social Security; Education; Health and social services activities; Arts, entertainment and recreation; Other Services	111.3	5.4	91.2	3.4
O. Public Administration and defence, compulsory Social Security	114.7	3.9	90.0	3.9
P. Education	107.0	5.3	90.4	2.0
Q. Health and social services activities	112.2	7.4	92.3	3.8
R. Arts, entertainment and recreation	97.6	2.3	88.5	2.4
S. Other services	105.4	6.6	96.2	2.1

¹ P: provisional data - D: definitive data

² As compared to the same quarter of the previous year

Harmonised Labour Cost Index (HLCI)

General index and index by activities

Second Quarter 2023

Base year 2020

Other costs. Original series

National index

	Index 2 nd quarter(P) ¹		Index 1 st quarter(D) ¹	
	Index	Rate ²	Index	Rate ²
GENERAL INDEX	105.3	8.8	101.2	5.0
B-E. Industry	103.4	9.6	98.5	5.6
B. Mining and quarrying industries	108.7	34.1	97.1	22.0
C. Manufacturing industries	103.0	9.6	98.0	5.7
D. Electricity, gas, steam and air conditioning supply	104.1	3.9	101.6	-0.2
E. Water supply, waste management and remediation activities	107.3	7.7	103.0	3.9
F. Construction	106.7	7.2	102.9	5.0
G-J. Wholesale and retail trade, repair of motor vehicles and motorcycles; Transport and storage; Accommodation; Information and communications	105.5	9.7	101.7	6.5
G. Wholesale and retail trade, repair of motor vehicles and motorcycles	108.3	9.9	105.1	6.7
H. Transport and storage	102.8	8.0	98.4	4.3
I. Accommodation	97.3	9.9	93.2	6.8
J. Information and communications	106.6	11.0	102.5	8.5
K-N. Financial and insurance activities; Real state activities; Professional, scientific and technical activities; Administrative and support services activities	103.4	7.0	101.5	2.9
K. Financial and insurance activities	97.2	3.1	98.1	-7.1
L. Real state activities	96.9	-11.5	94.5	2.2
M. Professional, scientific and technical activities	103.9	10.5	100.3	5.8
N. Administrative and support services activities	106.8	7.7	105.0	6.6
O-S. Public Administration and defence, compulsory Social Security; Education; Health and social services activities; Arts, entertainment and recreation; Other Services	106.6	8.8	101.4	4.2
O. Public Administration and defence, compulsory Social Security	110.3	10.4	105.0	6.3
P. Education	104.3	8.0	98.5	2.1
Q. Health and social services activities	106.6	7.7	100.8	2.5
R. Arts, entertainment and recreation	93.5	9.2	91.0	6.2
S. Other services	97.2	8.4	96.1	8.0

¹ P: provisional data - D: definitive data

² As compared to the same quarter of the previous year

Harmonised Labour Cost Index (HLCI)

General index and index by activities

Second Quarter 2023

Base year 2020

Labour cost excluding extraordinary and late payments

Original series

National index

	Index 2 nd quarter(P) ¹		Index 1 st quarter(D) ¹	
	Index	Rate ²	Index	Rate ²
GENERAL INDEX	106.2	6.8	100.3	4.2
B-E. Industry	104.0	6.9	99.5	4.7
B. Mining and quarrying industries	102.5	11.4	98.8	8.1
C. Manufacturing industries	104.1	7.1	98.9	4.7
D. Electricity, gas, steam and air conditioning supply	96.4	-1.1	110.9	5.4
E. Water supply, waste management and remediation activities	105.3	5.8	101.8	4.3
F. Construction	106.4	5.9	102.2	4.2
G-J. Wholesale and retail trade, repair of motor vehicles and motorcycles; Transport and storage; Accommodation; Information and communications	107.6	7.8	102.9	5.1
G. Wholesale and retail trade, repair of motor vehicles and motorcycles	108.3	7.9	103.3	4.5
H. Transport and storage	106.1	7.8	101.1	4.6
I. Accommodation	106.1	5.9	103.6	3.8
J. Information and communications	108.6	9.5	102.6	7.9
K-N. Financial and insurance activities; Real state activities; Professional, scientific and technical activities; Administrative and support services activities	104.2	6.4	100.1	3.1
K. Financial and insurance activities	100.6	5.9	96.8	-0.7
L. Real state activities	101.8	1.9	97.7	4.2
M. Professional, scientific and technical activities	104.3	6.9	99.3	3.0
N. Administrative and support services activities	106.5	6.5	103.2	5.6
O-S. Public Administration and defence, compulsory Social Security; Education; Health and social services activities; Arts, entertainment and recreation; Other Services	106.9	6.3	98.0	3.7
O. Public Administration and defence, compulsory Social Security	112.0	5.6	96.4	4.5
P. Education	102.6	7.0	97.8	2.4
Q. Health and social services activities	105.2	6.9	99.8	3.1
R. Arts, entertainment and recreation	96.0	3.8	94.3	3.3
S. Other services	103.0	7.8	99.4	5.8

¹ P: provisional data - D: definitive data

² As compared to the same quarter of the previous year