

Labour Price Index (LPI). Base 2016
Year 2021

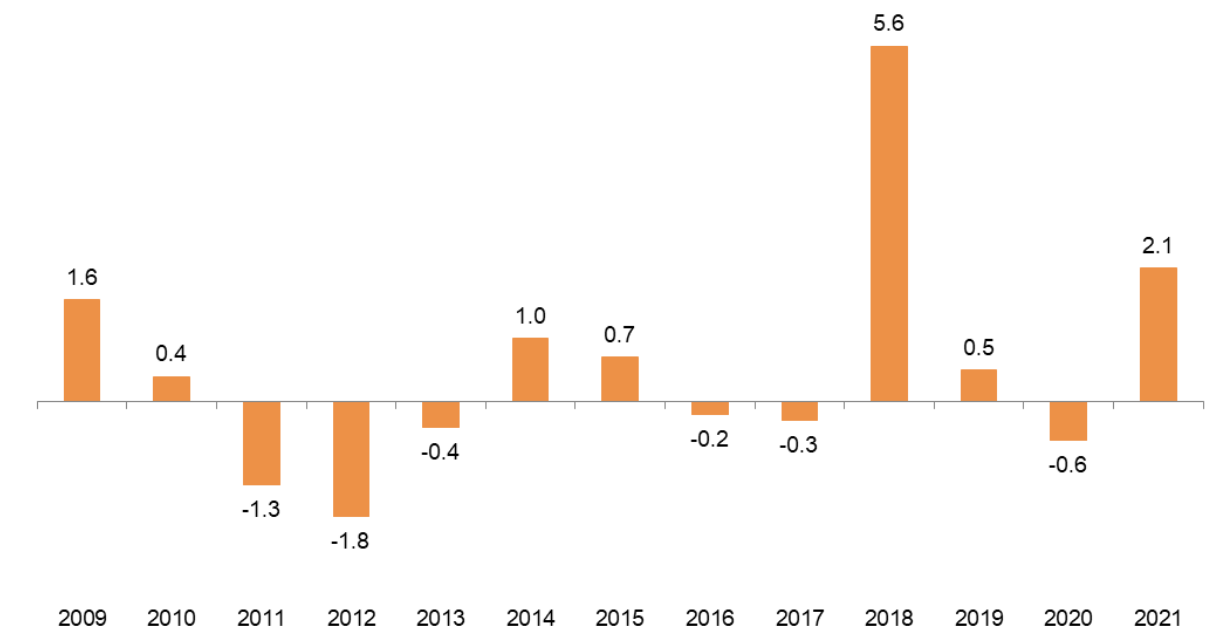
The Labour Price Index rose by 2.1% in 2021

**Castilla-La Mancha registered the highest increase (3.5%) while
Región de Murcia had the lowest (0.5%)**

Annual evolution of labour prices

The annual variation of the Labour Price Index (LPI) was 2.1% in 2021. This rate was 2.7 points lower than that registered the previous year, which was -0.6%.

Annual evolution of the LPI
Overall annual rate (%)



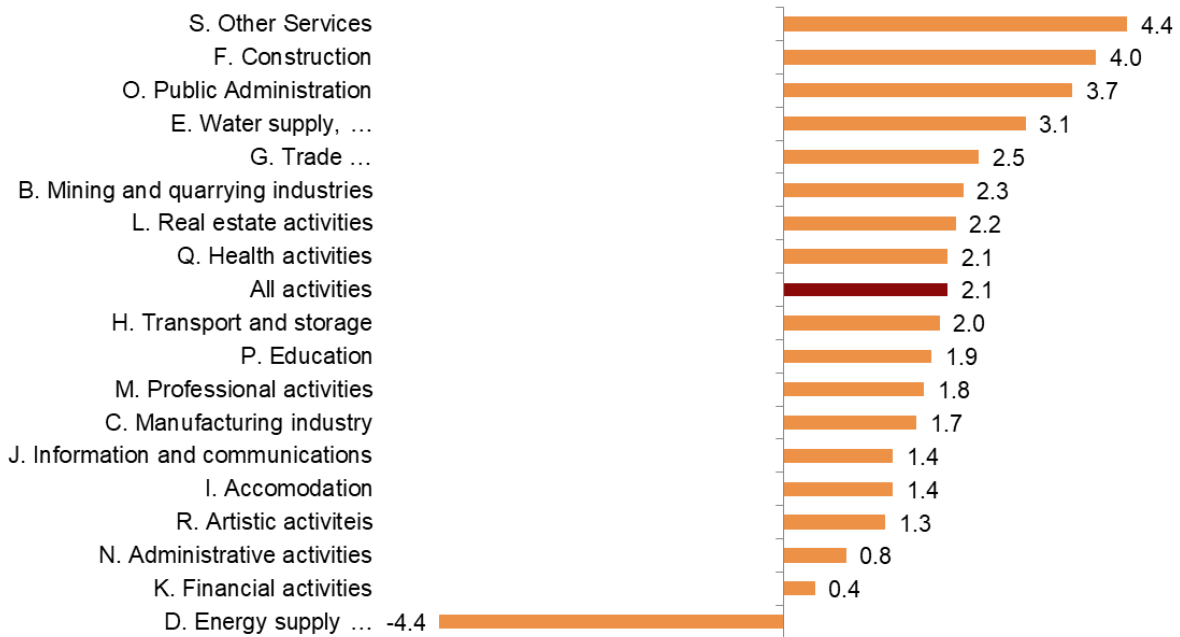
Results according to the main characteristics of the job position

The economic activities showing the largest increases in labour prices in 2021 were Other services (4.4%), Construction (4.0%), Public Administration and defence; Mandatory Social Security (3.7%).

By contrast, the LPI declined in Electricity, gas, steam and air conditioning supply (-4.4%) and recorded the smallest increases in *Financial and insurance activities* (0.4%) and *Administrative and support services activities* (0.8%).

LPI by economic activity

Annual rate (%), year 2021

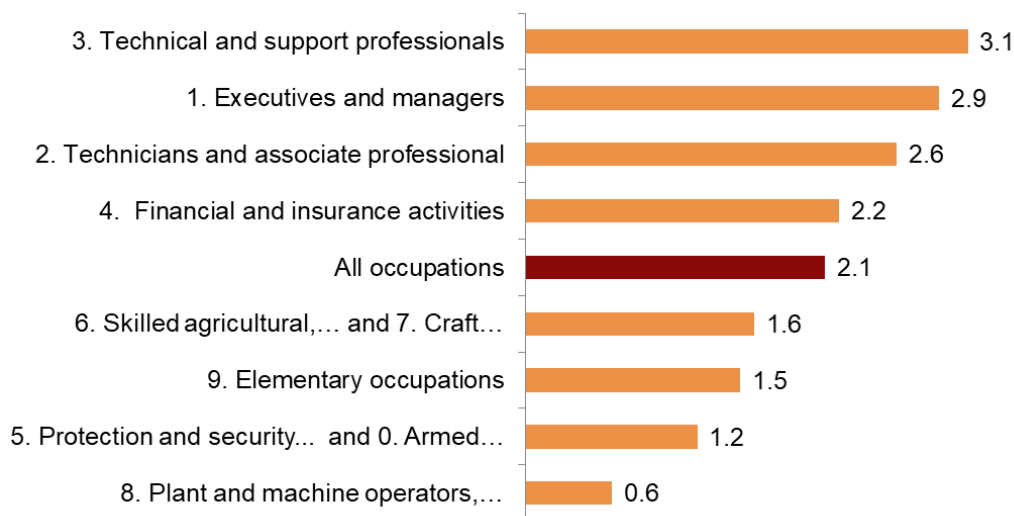


Occupation type was one of the variables that most influenced the price of labour. In 2021, the largest increases in the LPI were in the groups *Technicians; support professionals* (3.1%) and *Directors and managers* (2.9%).

The smallest increases were recorded in *Plant and machine operators, and assemblers* (0.6%) and *Catering, personal, protection and sales services; military occupations* (1.2%).

LPI by occupation

Annual rate (%), year 2021



By type of working day, the LPI increased by 2.2% among full-time workers and by 1.6% among part-time workers. By contract type, the LPI rose 1.9% for indefinite-term contracts and 3.0% for temporary ones.

Labour Price Index 2021

	Index	Annual rate (%)
Working time		
Full time	107.7	2.2
Part time	104.9	1.6
Contract type		
Temporary	111.7	3.0
Permanent	106.6	1.9

Results by Worker Characteristics

By sex, the LPI registered an annual increase of 2.3% in women and 1.9% in men.

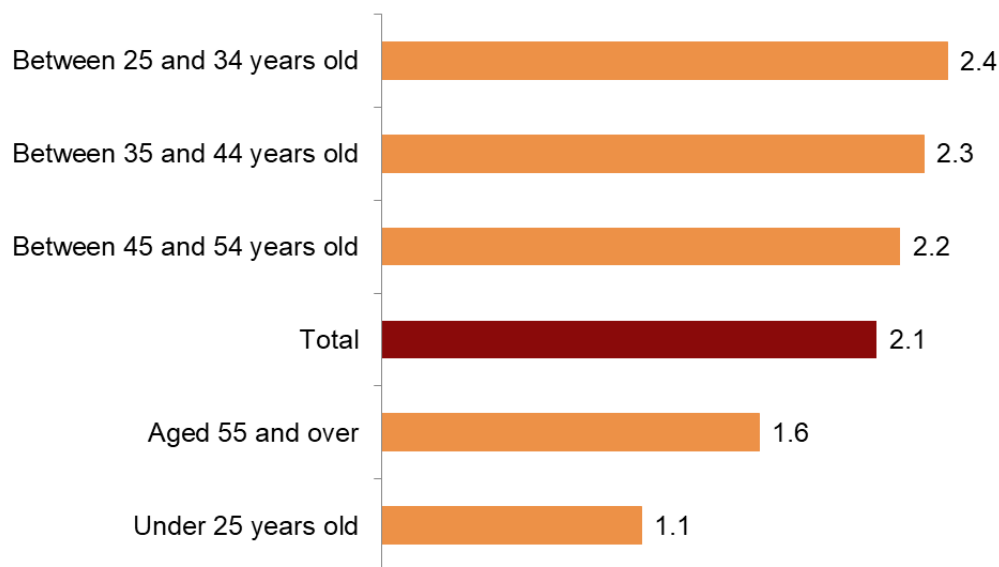
Labour Price Index: Overall and by sex

	Index	Annual rate (%)
ÍNDICE GENERAL	107.4	2.1
Women	109.8	2.3
Men	105.6	1.9

By age group, the largest increase was in workers between 25 and 34 years of age (2.4%). And the smallest increase took place for workers under 25 years old (1.1%).

LPI by age group

Annual rate (%), year 2021



By nationality, the LPI registered an increase of 2.0% for workers who are Spanish nationals, and 3.5% for foreigners.

Labour Price Index 2021 by nationality

	Index	Annual rate (%)
Spanish	107.4	2.0
Foreigners	106.9	3.5

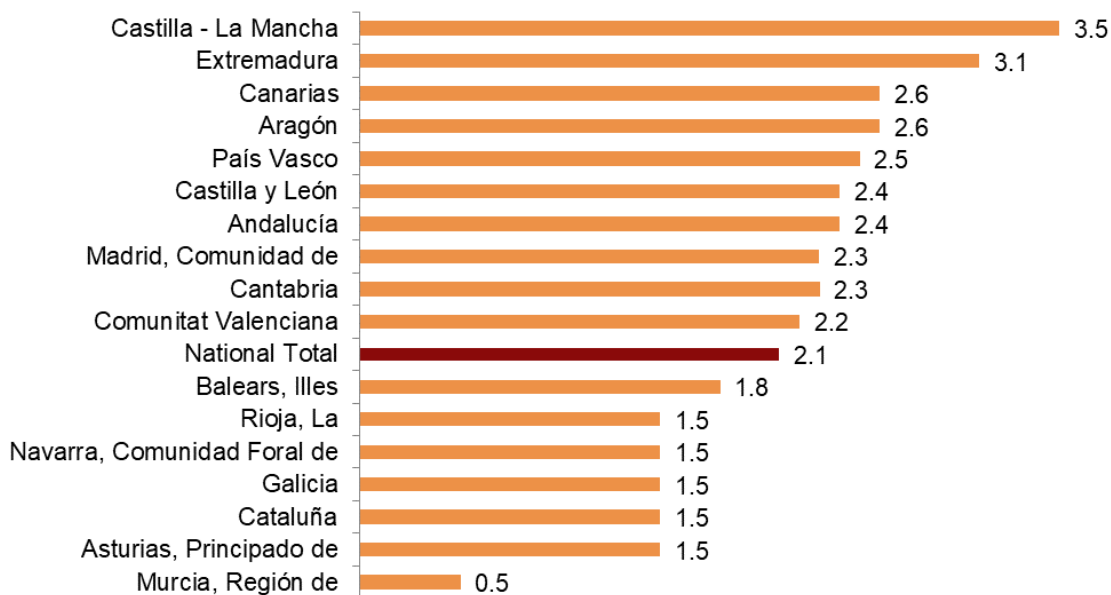
Results by Autonomous Communities

The greatest increases in the LPI in 2021 occurred in the Castilla – La Mancha (3.5%), Extremadura (3.1%) and Canarias (2.6%).

More specifically, the smallest increases took place in the Murcia Region (0.5%). Principado de Asturias, Cataluña, Galicia, Comunidad Foral de Navarra and La Rioja (1.5% in all of them).

LPI by Autonomous Community

Annual rate (%), year 2021



Data Review and Update

The data published today are final. The results are available at INEBase.

Methodological note

The objective of the Labour Price Index (LPI) is to measure the change in the price of labour over time, without this measure being affected by changes in the quality and quantity of the labour performed (for example, changes in the labour force composition, number of hours worked, type of contract, characteristics of the employees, etc.) or, in other words, disregarding the composition effect.

The LPI completes the existing information in Spain that comes from the Quarterly Labour Cost Survey, the Annual Labour Cost Survey and the Wage Structure Survey of the INE, operations that provide series of average results of labour and wage costs per worker. These series include the cost variation and any changes in employment composition.

Type of operation: statistics presented in index form.

Base year: 2016.

Reference period of the results: the calendar year.

Reference period of the weightings: the year preceding the current year.

Population scope: salaried workers in local units.

Geographical scope: the entire national territory.

Calculation method: Laspeyres' Chain Index.

The LPI is calculated as a weighted aggregation of simple indices, each of which represents a grouping of job positions. These groupings, made up of a set of job with common characteristics, constitute the basic elements for the calculation of the LPI. All these groups together constitute a representative sample of job positions in the economy.

For each grouping of job positions, their wage/hour in the reference year is measured. The weightings are measured based on the hourly earnings and hours worked by the workers associated with each job group in the previous year. The weightings structure establishes the importance of each job compared to the rest, based on wage costs incurred by the employer. The Salary Structure Surveys provide the information used to prepare the LPI.

For more information the methodology can be accessed at:

<https://www.ine.es/metodologia/t22/t2230185.pdf>

The standardized methodological report is at:

<https://www.ine.es/dynt3/metadatos/es/RespuestaDatos.html?oe=30189>

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 [Quality at INE and the Code of Best Practices](#) on the INE website.

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Labour Price Index. Base 2016 Year 2021

1. Labour Price Index: Overall and by activity sector

	Index	Annual rate (%)
ACTIVITY TOTAL	107.4	2.1
B. Mining and quarrying industries	104.4	2.3
C. Manufacturing industry	104.2	1.7
D. Energy supply	94.6	-4.4
E. Water supply	107.8	3.1
F. Construction	106.4	4.0
G. Trade	107.9	2.5
H. Transport and storage	106.5	2.0
I. Accommodation	100.6	1.4
J. Information and communications	108.1	1.4
K. Financial activities	104.8	0.4
L. Real estate activities	110.6	2.2
M. Professional activities	107.3	1.8
N. Administrative activities	106.4	0.8
O. Public Administration	112.4	3.7
P. Education	113.1	1.9
Q. Health activities	109.3	2.1
R. Artistic activities	101.4	1.3
S. Other Services	111.7	4.4

2. Labour Price Index: Overall and by occupation

	Index	Annual rate (%)
All occupations	107.4	2.1
1. Executives and managers	114.5	2.9
2. Technicians and associate professional	108.7	2.6
3. Technical and support professionals	106.3	3.1
4. Financial and insurance activities	108.9	2.2
5. Protection and security service workers and 0. Armed forces occupations	107.4	1.2
6. Skilled agricultural, forestry, and fishery workers and 7. Craft and related trades workers	101.7	1.6
8. Plant and machine operators, and assemblers	105.7	0.6
9. Elementary occupations	106.3	1.5

3. Labour Price Index: Overall and by contract type

	Index	Annual rate (%)
TOTAL	107.4	2.1
Temporary	111.7	3.0
Permanent	106.6	1.9

4. Labour Price Index: Overall and by Working time

	Índice	Tasa Anual (%)
TOTAL	107.4	2.1
Full time	107.7	2.2
Part time	104.9	1.6

5. Labour Price Index: Overall and by sex

	Index	Annual rate (%)
TOTAL	107.4	2.1
Women	109.8	2.3
Men	105.6	1.9

6. Labour Price Index: Overall and by age group

	Index	Annual rate (%)
TOTAL	107.4	2.1
Under 25 years old	114.2	1.1
Between 25 and 34 years old	109.4	2.4
Between 35 and 44 years old	107.9	2.3
Between 45 and 54 years old	106.9	2.2
Aged 55 and over	105.5	1.6

7. Labour Price Index: Overall and by nationality

	Index	Annual rate (%)
TOTAL	107.4	2.1
Spanish	107.4	2.0
Foreigners	106.9	3.5

7. Labour Price Index: Overall and by Autonomous Community

	Index	Annual rate (%)
NATIONAL	107.4	2.1
Andalucía	105.8	2.4
Aragón	107.3	2.6
Asturias, Principado de	107.7	1.5
Baleares, Illes	102.0	1.8
Canarias	108.2	2.6
Cantabria	108.9	2.3
Castilla y León	107.6	2.4
Castilla-La Mancha	108.8	3.5
Cataluña	108.2	1.5
Comunitat Valenciana	107.7	2.2
Extremadura	106.5	3.1
Galicia	106.7	1.5
Madrid, Comunidad de	107.8	2.3
Murcia, Región de	108.3	0.5
Navarra, Comunidad Foral de	105.8	1.5
País Vasco	107.8	2.5
Rioja, La	106.1	1.5