

## LCI – total labour cost

### LCI – total labour cost: definition

The **Labour Cost Index** (LCI) describes the hourly labour cost (wages and contributions) in France across non-agricultural market sectors excluding services to households. Harmonised at European level (regulations no. 450/2003 and no. 1216/2003), LCI is sent to Eurostat 70 days after the end of the quarter. This is a chain-linked Laspeyres index, base 100 in 2012,<sup>1</sup> and is seasonally and working-day adjusted. The indicator published every quarter in *Informations Rapides* covers the non-agricultural market sectors excluding services to households (sections B to N of the French Classification of Activities - NAF 2008 rev. 2).

- The **LCI** measures change across all:wages and salaries,
- social contributions,taxes<sup>2</sup> net of subsidies.<sup>3</sup>

The **LCI** is calculated as the ratio of the number of hours worked to the sum of the wage bill, social contributions and other costs after allowance has been made for charge exemptions.

Social contributions include employers' social security contributions, the self-reliance solidarity contribution, unemployment insurance, contributions to supplementary pension schemes (AGIRC-ARRCO), death insurance, contribution to the wage guarantee scheme. The rates for these charges are tracked quarterly. Reductions in charges are deducted.

The index also includes other costs such as the payroll tax, the contribution for not employing people with disabilities, and other contributions and taxes (net of subsidies) paid by employers. Some of these other costs are updated every year from information provided by ACOSS, and others every four years when the results from the Labour Cost Survey become available; any variation in rate between two surveys is distributed across the first quarters of the four years studied.

The subsidies taken into account are those related to the wage bill or workforce of certain specific categories of people. As the tax credit for encouraging competitiveness and jobs (CICE) is calculated on the wage bill, it is taken into account in calculating the LCI – total labour cost, as a subsidy received by the employer. It has been included in the calculation of the index since the 1<sup>st</sup> January 2013, when the CICE came into force as an established entitlement (date of the operative event for the tax credit). The rate increased from 4% on 1<sup>st</sup> January 2013 to 6% on 1<sup>st</sup> January 2014, then in the overseas departments (DOM) to 7.5% on 1<sup>st</sup> January 2015. It rose to 9%, only in the DOM, on 1<sup>st</sup> January 2016. On 1<sup>st</sup> January 2017, the CICE rate increased by 7% in metropolitan France and remained at 9% in the overseas departments.

**Three main sources** are used to calculate the **LCI**. Short-term data from the Central Agency of Social Security Associations (ACOSS) provide the wage bill, workforce numbers/ the number of employees, social contributions exemptions and the wage bill below the CICE ceiling. The hours worked comes from the ACEMO survey conducted by DARES, and other costs are taken from INSEE's quadriennial Labour Cost Survey (LCS).

Major revisions to the index (changes to methodology, incorporation of LCS surveys) are documented in supplementary *Methodological Notes*.

<sup>1</sup> From the Q1 2015 publication onwards and in accordance with European regulations, the year of reference for these indices is now 2012 and not 2008 (the average of the 4 quarterly indices for 2012 is equal to 100). If necessary, in order to obtain the series with 2008 as the reference year, the quarterly changes in percentage must be applied to the old series or divide the series by the average of the indices of the 4 quarters for 2008 and multiply by 100.

<sup>2</sup> This is any duty or tax based on the wage bill or on workforce.

<sup>3</sup> Subsidies associated with the wage bill or the workforce of certain categories of people.

## LCI – wages and salaries

As stipulated in the European regulations referred to above, in addition to the **LCI – total labour cost**, INSEE also calculates an hourly wage index, **LCI – wages and salaries**, based on the same sources. This wage index differs markedly from the basic monthly wage (*see table below*).

	<b>LCI – wages only</b>	<b>Basic monthly wage</b>
Wage	hourly	monthly
Scope	includes bonuses and additional salaries	excludes bonuses
Working hours and qualifications depends on actual working hours and qualification structure	calculated using a constant qualification structure	

As a result, the **LCI – wages and salaries** is an index of the *labour cost* (excluding employers' contributions) whereas the basic monthly wage is an index of *price of work* at a constant qualification structure. Therefore the basic monthly wage does not take into account the impact on wages of the increase in employees' qualifications. Conversely, the **LCI – wages and salaries** is conceptually similar to the average wage per capita in the market sector of the Quarterly Accounts: both indicators cover the entire wage bill, with the **LCI – wages and salaries** relating this wage bill to a number of hours worked, whereas the average wage per capita relates it to a number of employees.

All European Union member states produce the same type of index, published on the Eurostat website: [www.epp.eurostat.ec.europa.eu](http://www.epp.eurostat.ec.europa.eu)