



QUARTERLY LABOUR COST INDEX SECOND QUARTER OF 2011

Preliminary data for the second quarter of 2011 indicated that the total hourly labour cost rose by 10.1% compared to the second quarter of 2010. The total hourly labour cost grew by 9.3% in industry, by 15.4% in services and by 6.4% in construction.

The breakdown by economic activities showed that the highest annual growths in total labour costs were recorded in 'Wholesale and retail trade; repair of motor vehicles and motorcycles' - 24.9%, 'Information and communication' - 20.6% and 'Professional, scientific and technical activities' - 15.0%, while the lowest annual growths were in 'Administrative and support service activities' and 'Public administration and defence; compulsory social security' respectively 0.5% and 3.0%. Decrease by 3.0% in total labour costs was observed in 'Other service activities' and in 'Human health and social work activities' by 0.1%.

In the structure of the total labour costs, the wages and salaries costs per hour worked grew by 9.7% in comparison with a year earlier, while the other (non-wage) costs rose by 11.9%. Among the economic activities in second quarter of 2011 compared to the second quarter of 2010 the growth rate of wages and salaries component ranged from -5.0% in 'Other service activities' to 23.1% in 'Wholesale and retail trade; repair of motor vehicles and motorcycles'.

**Figure 1. Total labour cost index
(Working day adjusted, 2008 = 100)**

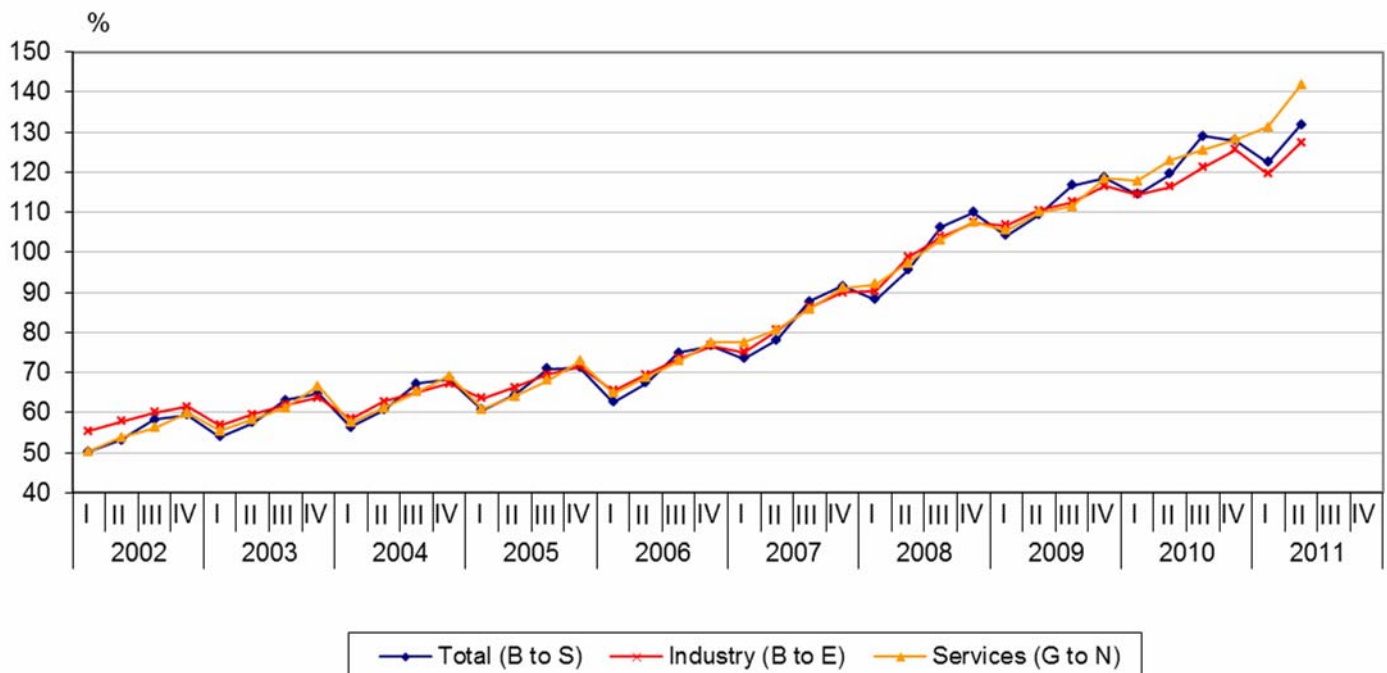


Table 1

Hourly labour cost index for the period second quarter of 2009 second quarter of 2011
(Working day adjusted)

(Percentage change compared to corresponding period of the previous year)

Code NCEA - 2008 ¹	Economic activities	q2 2009 ²			q3 2009 ²			q4 2009 ²			q1 2010 ²			q2 2010 ²			q3 2010 ²			q4 2010 ²			q1 2011 ²			q2 2011 ²		
		TOT	WAG	OTH	TOT	WAG	OTH	TOT	WAG	OTH	TOT	WAG	OTH	TOT	WAG	OTH	TOT	WAG	OTH	TOT	WAG	OTH	TOT	WAG	OTH	TOT	WAG	OTH
B to S	All NACE branches except agriculture, fishing, private households with employed persons	14,4	16,1	8,0	9,7	11,6	2,2	7,7	9,4	1,8	9,9	10,3	7,7	9,4	10,8	2,1	10,6	11,7	5,5	8,0	9,4	2,0	6,9	7,0	6,7	10,1	9,7	11,9
B to E	Industry (except construction)	11,9	14,1	6,0	8,4	10,4	2,1	8,5	10,7	2,5	7,2	7,9	3,7	5,4	6,7	-4,2	7,7	8,7	2,2	7,8	9,9	0,4	4,5	4,7	3,1	9,3	9,3	10,3
G to N	Services (excluding public administration)	12,9	13,7	8,4	8,0	9,5	0,2	10,1	11,9	2,0	11,8	12,1	9,1	11,8	13,7	2,8	12,7	14,5	4,9	8,1	9,6	1,0	11,3	11,6	9,9	15,4	14,9	16,1
B	Mining and quarrying	4,1	3,0	7,5	2,7	3,0	0,7	8,5	9,9	4,2	14,0	17,2	3,9	10,6	13,8	1,1	11,7	13,7	6,6	14,3	16,3	6,9	1,3	0,2	5,1	9,8	9,3	10,6
C	Manufacturing	11,8	14,1	5,5	8,5	10,5	1,1	9,4	11,5	2,3	6,6	7,4	2,8	5,4	7,2	-5,9	7,2	8,4	2,5	5,5	7,2	-1,0	4,6	4,7	2,9	9,3	9,0	11,1
D	Electricity, gas, steam and air conditioning supply	20,4	24,0	10,1	11,7	14,9	9,5	5,1	8,7	3,2	5,9	4,8	5,7	-0,3	-2,4	-3,0	9,1	9,4	-2,0	14,7	20,6	0,3	6,4	8,6	2,9	9,4	11,4	6,6
E	Water supply, sewerage, waste management and remediation activities	3,8	4,8	-1,0	7,0	8,4	0,4	5,2	5,9	0,6	13,0	12,9	12,8	13,2	13,6	10,3	6,0	6,8	3,2	10,2	10,8	5,7	3,2	2,8	3,9	8,7	8,4	10,0
F	Construction	30,2	33,1	17,7	29,3	31,3	20,5	25,9	28,1	17,2	14,7	15,2	12,6	7,9	8,8	3,4	6,7	7,1	3,9	3,2	4,0	0,3	3,5	3,3	5,5	6,4	5,5	10,8
G	Wholesale and retail trade; repair of motor vehicles and motorcycles	16,9	18,0	10,0	14,7	15,9	6,3	17,5	17,8	10,7	9,5	10,2	6,6	9,1	11,6	1,4	7,6	9,7	2,8	2,6	3,4	-2,1	17,9	16,9	19,8	24,9	23,4	28,5
H	Transportation and storage	14,8	16,6	6,7	6,6	8,3	-0,1	7,1	9,5	-3,0	4,9	4,8	5,6	7,1	7,2	6,4	11,4	14,2	0,4	8,5	10,1	0,9	9,2	10,2	3,8	11,0	12,3	4,6
I	Accommodation and food service	16,4	17,5	11,8	13,6	15,2	6,1	15,8	16,6	12,1	15,6	16,1	13,2	11,5	12,6	6,1	10,5	11,2	7,6	9,0	10,1	4,1	3,6	2,7	8,5	8,3	7,2	13,9
J	Information and communication	4,1	3,9	7,5	0,9	2,2	-7,3	-4,4	-0,4	-14,4	30,9	33,0	26,9	35,7	41,0	5,6	37,4	39,8	16,0	25,7	28,1	7,3	13,9	16,7	3,0	20,6	22,3	15,7
K	Financial and insurance activities	9,2	8,0	13,1	4,1	6,2	-6,1	9,3	11,6	-2,1	10,3	11,1	3,2	1,3	3,8	-11,5	6,2	6,8	1,1	6,4	7,3	0,7	0,7	0,6	3,1	4,7	4,2	8,1
L	Real estate activities	23,4	25,0	14,8	17,1	20,1	2,8	18,1	20,9	5,4	16,8	19,0	5,5	15,5	18,1	2,5	17,6	19,2	9,1	15,5	17,6	4,8	5,5	5,9	3,9	4,3	2,8	12,7
M	Professional, scientific and technical activities	1,6	2,4	-1,6	-8,6	-6,5	-12,8	-6,5	-4,5	-7,5	18,7	15,6	20,3	27,0	27,9	16,6	26,1	27,5	18,4	25,8	30,3	14,0	17,8	19,8	11,1	15,0	12,5	15,7
N	Administrative and support service activities	12,8	14,6	3,9	13,5	15,4	4,5	23,6	26,2	11,7	3,4	3,5	2,2	4,9	6,0	-0,5	2,5	3,1	-0,4	-7,7	-7,5	-8,6	1,8	1,4	4,1	0,5	-0,5	5,5
O	Public administration and defence; compulsory social security	8,6	10,0	4,7	6,4	6,9	3,8	-13,1	-14,7	-3,8	9,9	9,2	14,0	13,9	14,1	11,8	14,9	16,0	9,8	12,2	14,6	4,6	6,7	6,3	9,9	3,0	2,0	6,6
P	Education	16,2	18,4	6,8	8,7	11,5	-1,6	3,4	5,6	-5,1	8,3	8,5	6,5	12,5	13,2	10,6	10,2	10,6	8,4	7,5	7,9	5,8	4,2	3,7	6,4	5,3	3,8	11,2
Q	Human health and social work activities	21,8	23,4	15,2	11,9	13,7	4,0	5,3	6,9	-2,0	8,2	8,0	9,6	6,6	7,3	1,7	8,8	8,8	8,9	9,5	9,9	7,4	-0,4	-1,2	3,2	-0,1	-0,8	4,5
R	Arts, entertainment and recreation	20,9	28,0	-7,5	20,6	27,4	-7,2	19,4	21,6	7,8	4,2	4,2	4,0	1,4	1,2	2,3	-5,0	-6,1	2,2	-8,8	-8,8	-9,6	7,9	7,4	9,7	10,6	9,8	14,3
S	Other service activities	19,1	22,3	12,9	12,7	15,2	5,4	16,6	17,6	9,2	26,7	26,5	21,9	16,7	16,9	11,1	23,3	24,6	21,1	17,5	19,4	8,9	-0,5	-2,9	7,9	-3,0	-5,0	3,5

¹ NCEA - 2008 - National Classification of economic activities comparable with NACE Rev.2.

² Preliminary data.

TOT – Total labour costs

WAG – Wages and salaries costs

OTH – Other (non-wage) costs



Table 2

Labour Cost Index - Total labour costs for the period 2007 - 2011
(Working day adjusted, 2008=100)

Code NCEA - 2008 ¹	Economic activities	2007 ²				2008 ²				2009 ²				2010 ²				2011 ²	
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
B to S	All NACE branches except agriculture, fishing, private households with employed persons	73,4	78,1	87,7	91,5	88,1	95,5	106,3	110,0	104,1	109,3	116,7	118,5	114,4	119,6	129,0	127,9	122,4	131,8
B to E	Industry (except construction)	75,1	80,5	86,3	89,9	90,2	98,7	103,8	107,3	106,7	110,4	112,5	116,5	114,4	116,4	121,2	125,6	119,5	127,3
G to N	Services (excluding public administration)	77,4	80,6	85,8	91,1	92,0	97,3	103,0	107,6	105,4	109,9	111,3	118,4	117,8	122,9	125,4	128,1	131,2	141,7
B	Mining and quarrying	74,3	76,4	83,1	93,6	89,1	93,5	97,5	104,2	99,3	97,3	100,1	113,1	113,1	107,6	111,8	129,2	114,6	118,1
C	Manufacturing	75,9	80,2	87,1	89,5	91,4	98,0	104,1	105,7	108,0	109,6	112,9	115,6	115,1	115,6	121,1	122,0	120,4	126,3
D	Electricity, gas, steam and air conditioning supply	67,4	82,6	80,8	85,9	80,4	103,6	101,4	113,6	102,9	124,7	113,3	119,4	108,9	124,3	123,5	137,0	115,9	136,0
E	Water supply, sewerage, waste management and remediation activities	73,5	73,9	82,3	87,1	85,5	91,1	101,1	106,7	93,3	94,6	108,2	112,3	105,4	107,1	114,7	123,7	108,8	116,4
F	Construction	75,8	77,6	81,7	86,5	92,4	94,3	97,5	108,1	124,3	122,8	126,1	136,2	142,7	132,5	134,6	140,5	147,7	140,9
G	Wholesale and retail trade; repair of motor vehicles and motorcycles	83,1	86,3	90,6	92,5	95,0	101,4	104,2	108,0	113,8	118,5	119,5	126,8	124,6	129,4	128,7	130,1	147,0	161,5
H	Transportation and storage	76,0	78,5	87,5	92,3	89,4	92,4	102,2	106,2	105,5	106,0	109,0	113,8	110,7	113,6	121,5	123,5	120,9	126,0
I	Accommodation and food service activities	82,5	85,8	88,3	93,0	98,4	99,7	100,9	107,0	112,3	116,0	114,5	123,8	129,9	129,4	126,5	135,0	134,6	140,2
J	Information and communication	79,0	87,1	89,2	104,9	91,8	96,4	103,0	111,9	96,8	100,3	103,9	107,0	126,8	136,2	142,7	134,5	144,4	164,2
K	Financial and insurance activities	73,8	79,5	86,2	92,7	89,2	100,0	99,0	105,3	93,2	109,2	103,0	115,1	102,7	110,6	109,4	122,5	103,5	115,8
L	Real estate activities	75,2	79,6	85,2	93,1	89,3	98,3	102,7	111,3	111,5	121,3	120,2	131,4	130,2	140,1	141,3	151,8	137,4	146,1
M	Professional, scientific and technical activities	65,8	64,1	70,2	72,7	83,8	90,0	107,5	108,3	93,2	91,4	98,3	101,3	110,5	116,1	123,9	127,4	130,2	133,5
N	Administrative and support service activities	68,9	67,8	70,4	75,6	93,8	95,6	99,6	101,6	105,3	107,9	113,0	125,6	108,9	113,2	115,9	115,9	110,8	113,7
O	Public administration and defence; compulsory social security	68,2	72,7	85,6	108,5	78,0	90,2	101,3	130,5	88,4	98,0	107,7	113,3	97,2	111,6	123,8	127,1	103,7	114,9
P	Education	59,7	70,2	111,0	91,1	77,1	89,2	148,7	114,7	90,1	103,7	161,6	118,7	97,5	116,7	178,1	127,6	101,6	122,9
Q	Human health and social work activities	71,1	77,3	86,1	90,1	84,0	92,1	105,8	112,7	105,0	112,2	118,4	118,7	113,6	119,5	128,9	129,9	113,2	119,4
R	Arts, entertainment and recreation	68,6	68,7	83,6	83,5	82,6	91,9	109,5	110,6	104,6	111,1	132,1	132,0	109,0	112,7	125,5	120,4	117,6	124,6
S	Other service activities	80,1	83,7	95,5	94,4	94,8	96,4	106,6	106,9	101,4	114,8	120,1	124,6	128,5	134,0	148,1	146,4	127,9	129,9

¹ NCEA - 2008 - National Classification of economic activities comparable with NACE Rev.2.

² Preliminary data.



Methodological notes

Labour Cost Index is a short-term indicator measuring the quarterly development of hourly labour costs incurred by the employers as a result of engaging the labour work force. The Quarterly Survey on employees, hours worked, wages and salaries and other expenditures paid by the employer is the main source used for the labour cost index data calculation.

Labour cost index (LCI) is defined as a Laspeyres index of labour costs per hour worked. Since first quarter of 2009 it is calculated broken down by economic activities at section level according to the new NACE Rev.2 classification and with a reference year 2008=100. Indices are based on Regulation (EC) 450/2003 of the European Parliament and of the Council according to which requirements Labour costs indices shall be provided separately for the following three labour costs categories:

Total labour costs (TOT), which includes wages and salaries paid by the employer in cash or in kind, employers' actual and imputed social contribution plus taxes regarded as labour costs;

Wage and salary costs (WAG) covers wages and salaries paid in cash or in kind;

Labour costs other than wages and salaries (OTH – non-wage costs) includes the employers' actual and imputed social contribution plus taxes regarded as labour costs;

Economic activity coverage (NACE Rev.2):

- **Total (sections B to S)** - Mining and quarrying (B), Manufacturing (C), Electricity, gas, steam and air conditioning supply (D), Water supply, sewerage, waste management and remediation activities (E), Construction (F), Wholesale and retail trade; repair of motor vehicles and motorcycles (G), Transportation and storage (H), Accommodation and food service activities (I), Information and communication (J), Financial and insurance activities (K), Real estate activities (L), Professional, scientific and technical activities (M), Administrative and support service activities (N), Public administration and defence; compulsory social security (O), Education (P), Human health and social work activities (Q), Arts, entertainment and recreation (R), Other service activities (S);
- **Industry (section B to E)** - Mining and quarrying (B), Manufacturing (C), Electricity, gas, steam and air conditioning supply (D), Water supply, sewerage, waste management and remediation activities (E);
- **Services (sections G to N)** - Wholesale and retail trade; repair of motor vehicles and motorcycles (G), Transportation and storage (H), Accommodation and food service activities (I), Information and communication (J), Financial and insurance activities (K), Real estate activities (L), Professional, scientific and technical activities (M), Administrative and support service activities (N).

More methodological information on the labour cost index and data could be found on NSI official web page – <http://www.nsi.bg>