

# Trends in Output per Hour and Unit Labor Cost: 2001-2015

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## • Study Purpose:

Determine trends in Output per hour and Unit Labor Costs growth rates 2001-2015.

## • Research Design:

Develop quarterly and yearly average rates of growth for Output per Hour and Unit Labor Costs.

## • Periods of Analysis:

- (1) 2001-2007
- (2) 2009-2015
- (3) 2001-2015

Table 1			
% Change in Output per hour			
	2001-07	2009-15	2001-15
Q1 avg	2.67	-0.31	0.87
Q2 avg	2.79	2.91	2.92
Q3 avg	2.99	1.91	2.35
Q4 avg	2.17	1.40	1.53

Table 2		
Average Annual Growth Rate in Output per Hour		
2001-07	2.7	
2009-15	1.4	
2001-15	2.0	

Table 3			
% change in unit labor costs			
	2001-07	2009-15	2001-15
Q1	2.61	0.90	2.14
Q2	0.51	0.89	0.44
Q3	0.26	0.23	0.39
Q4	1.53	1.28	1.77

Table 4		
Average Annual Growth Rate in Unit Labor Costs		
2001-07	1.2	
2009-15	0.8	
2001-15	1.0	

## Table 1 Q Analysis:

- (1) Significant decline in Output per Hour growth rates by quarter from 01-07 to 09-15.
- (2) Quarterly growth rates 09-15 below long term growth rates.

## Table 3 Q Analysis:

- (1) Significant decline in unit labor costs growth from 01-07 to 09-15.
- (2) 09-15 Unit labor costs growth below long term growth rates (xQ2)

## Table 2/3 Analysis

- (1) Growth rates in output per hour and unit labor costs declining from 01-07 to 09-15.
- (2) 09-15 growth rates below long term average for both Output per Hour and Unit Labor Costs