Economic Research Office



Main Economic & Financial Indicators (EMU)

(Mayko Kurk, mayko.kurk@uk.mufg.jp) Overview Output Industrial production (seasonally adjusted) in July declined by The Eurozone economy is on a recovery path. Real GDP growth in Q2 accelerated to 0.3% q/q from deceleration of 0.2% 1.5% m/m. All the industrial sectors experienced a decrease. q/q in Q1. In terms of components of GDP by expenditure, Looking at each country, negative growth was recorded in private consumption increased by 0.2% q/q, which contributed Germany (-2.3% m/m), France (-0.6% m/m), Italy (-1.1% m/m) 0.1% point to overall growth. Gross fixed capital formation, and Holland (-1.1% m/m). Meanwhile, the manufacturing PMI in export and import also increased by respectively 0.3% q/q, August improved from 50.3 in July to 51.4, the highest level since 1.6% q/q and 1.4% q/q (Net export contributed 0.2% points to June, 2011. The breakdown of this figure reveals that the rates of expansion in production, new orders and new export businesses overall growth). Looking at each country, Germany contributed most to overall growth, expanding by 0.7% q/q. Looking ahead, were fastest since May, 2011. The manufacturing PMI in Germany the composite Purchasing Manager's Index (PMI) in August stood at 51.8, up from 50.7 in July. stood at 51.5, up from 50.5 in July, remained above the 50 mark, **Consumption**, Labour Markets which indicates an expansion in the economy, for the second Retail sales in July increased by 0.1% m/m. Looking at each consecutive month. It was also the highest level in the last two country, Germany declined by 1.4% m/m, while France rose by years. On the other hand, the unemployment rate in the 2.0% m/m. Consumer confidence in the Eurozone in August Eurozone is still high. Spain is facing serious debt issues. There improved from the June's reading of -17.4 to -15.6. This level is are also political uncertainties in Italy. Considering these risks to still low but was the highest in the last two years. Meanwhile, in the economy, it will take a while for the Eurozone's economy to Germany where the retail sales fell on a m/m basis, consumer regain sustainable growth. confidence dropped by 1.1 points from July. The unemployment rate in July remained high at 12.1%, while Real GDP and contributions % (q/q. the number of the unemployed decreased by 15,000 m/m. 1.0 Consumer Confidence, Unemployment Rate (Balance) (%) 0.0 0 13 12 -1.0 Private consumption -10 11 Government consumption Gross Fixed Capital Formation -2.0 10 -20 Net Exports 9 -3.0 Inventory and others 8 Consumer Confidence GDP -30 -4.0 7 Unemployment rate (RHS) -40 6 07 08 09 10 12 13 11 (vear) (Source) Macrobond 2013 2008 2010 2011 2012 2009 (year) (Source) Macrobond Prices The consumer price index in August decelerated to 1.3% y/y **Foreign Trade** from 1.6% y/y in July. Prices for fruits, electric appliances and The trade surplus (seasonally adjusted) in July decreased to tobacco appreciated, while a decrease in prices for transport 11.1bn euros from 13.5bn euros in June. Both exports and fuels and telecommunication pushed down the inflation. Core imports dropped on a m/m basis. The former declined by 1.6% inflation remained flat at an increase of 1.1% y/y. Although m/m from a positive growth of 1.3% m/m in June. The latter fell by inflation is likely to be influenced greatly by volatility in oil prices, 0.1% m/m from the June's positive growth of 1.4% m/m. it is projected to hover around 1.5% y/y for a while Interest rates, Foreign Exchange Markets Monetary Policy: The European Central Bank (ECB) kept its policy rate unchanged at 0.50% at its September meeting. Mario Draghi, the ECB president, stated that some further improvement in economic activity at low levels can be expected from recent confidence indicators, and that its monetary policy stance should be geared according to the outlook for price stability and promoting stable money market conditions. He reconfirmed that the ECB's policy rate would remain unchanged at present or lower levels for an extended period of time. Market rates (August -): Germany's 10-year bond yields started at 1.67% in August. Then, yields steadily rose, reflecting the positive economic indicators in the Eurozone and the eased situation in Syria. They kept rising to over 2% after the ECB's announcement of maintaining its low policy rate on September 5th. On September 16th, Lawrence Summers, a former US Secretary of Treasury, withdrew from consideration to be chairman of the US Federal Reserve. This led to an increased expectation that the FRB bond purchase programme would be downsized gradually rather than rapidly. Also the FRB decided at FOMC on September 17th-18th to delay the start to reduce the size of its quantitative easing programme. Reflecting these facts, the yields fell to the 1.8% mark. Foreign exchange (August -): The euro exchange rate started at US\$1.32 in August. It temporarily rose to US\$1.34, reflecting rising expectation of Eurozone economic recovery. However, it depreciated to the US\$1.32 mark after the US military imminent attack to Syria had become unlikely. It then depreciated further to US\$1.31, reflecting the ECB's announcement of maintaining its low policy rate on September 5th. However, it appreciated to the US\$1.35 mark, the highest rate in the last seven months, after the US FRB decided at FOMC in September to delay the start to downsize its QE programme. Interest rate (%) (%) (EUR/USD) Foreign exchnage rates 2.2 (EUR/JPY) 1.0 1.38 135 Refinance Rate 10-year German bonds yield (RHS) 20 130 1.36 0.8 Ψ 125





1. Annual and quarterly data

		10	11	12	Q1/12	Q2	Q3	Q4	Q1/13	Q2
					-0.1	-0.3	-0.1	-0.5	-0.2	0.3
		1.9	1.6	-0.6	-0.2	-0.5	-0.7	-1.0	-1.0	-0.5
Real GDP*	Domestic demand				-0.5	-0.8	-0.3	-0.6	-0.1	0.1
Keal ODF	Contribution	1.2	0.6	-2.2	-1.7	-2.3	-2.4	-2.2	-1.9	-1.(
	Nat ann anta Contribution				0.4	0.5	0.2	0.1	0.0	0.2
	Net exports Contribution	0.7	0.9	1.6	1.5	1.8	1.7	1.2	0.9	0.5
	Total				-0.5	-0.7	0.2	-2.0	0.2	0.5
Industrial Production	(excluding construction)	7.3	3.1	-2.4	-2.0	-2.3	-2.2	-3.1	-2.3	-1.1
* **	Manufacturing	7.7	4.4	-2.6	-1.8	-2.8	-2.3	-3.4	-2.7	-1.(
	Construction	-7.3	-1.7	-5.2	-6.7	-6.2	-4.7	-4.3	-5.7	-5.(
Retail sales *	1	0.6	-0.4	-1.9	-0.7	-1.4	-1.1	-2.4	-1.6	-0.5
					0.7	-0.4	0.5	-0.1	0.2	-0.4
		3.4	6.8	2.9	4.2	2.6	2.6	2.3	1.2	0.1
Producer prices	Manufacturing				1.2	0.2	0.4	0.1	0.1	-0.7
		3.3	5.4	2.1	3.0	1.7	1.9	2.0	0.8	-0.1
		5.5		2.1	0.2	1.4	-0.1	0.8	-0.2	0.9
Harmonised index of		1.6	2.7	2.5	2.7	2.5	2.5	2.3	1.9	1.4
consumer prices (HICP)	Core inflation	1.0	1.4	1.5	1.5	1.6	1.6	1.5	1.4	1.1
Employment	(y/y, %)	-0.5	0.3	-0.6	-0.5	-0.7	-0.6	-0.8	-1.0	
Unemployment *	% of labour force	-0.5	10.2	-0.0	-0.5	-0.7	-0.0	-0.8	12.0	12.1
Unit labour costs *	(y/y, %)	-0.6	0.9	1.8	1.7	1.6	2.0	1.7	1.9	1.0
Compensation per employee *	(y/y, %)									
Labour Productivity *	(y/y, %)	1.8	2.2	1.8	2.0	1.8	1.9	1.5	1.8	1.5
	Manufacturing sector	2.4	1.3	0.1	0.3	0.3	-0.1	-0.2		0.5
Markit Purchasing Manager's Indices (PMI)	Service sector	55.4	52.2	46.2	48.5	45.4	45.1	45.9		47.9
	Economic sentiment	54.5 101.1	52.6 101.8	47.6 90.4	49.5 95.0	46.9 92.3	47.1 87.4	46.8 86.8		47.6 89.8
	Manufacturing	-4.5	0.3	-11.7	-6.1	-10.5	-14.9	-15.4		-12.6
.	Construction	-4.5	-26.2	-28.4		-10.5	-14.9	-13.4		-12.0
Business and consumer surveys (confidence) *	Services	-20.0	-20.2	-28.4	-24.8	-20.9	-29.4	-32.7		-10.0
	Retail trade	-4.1	-5.4	-15.2	-1.4	-4.5	-16.8	-16.0		-16.6
	Consumer	-4.1	-14.5	-13.2	-13.7		-10.8	-26.2		-20.9
	(EUR bn)	1538.8	1748.1	1875.6	465.1	-19.5 467.6	-23.8	468.2		474.5
Exports									-23.7 474.4	
	(y/y, %)	19.8	13.6 1761.4	7.3 1788.1	3.9	0.5 448.9	1.5	-1.4		0.0
Imports	(EUR bn)	1552.7			452.2		447.9		436.0	432.4
Trada halanaa	(y/y, %)	22.2	13.4	1.5	3.0	-0.7	-0.2 26.8	-2.0 29.2	-0.7	-0.8
Trade balance (EUR bn)		-13.9	-13.3	87.5	12.9	18.6	40.8		38.4	42.1
Balance of payments, Current account (EUR bn)		3.5	14.9	122.4	-2.8	18.3		66.1	32.5	53.7
Foreign reserves End period (USD bn)		300.2	316.7	332.5	319.8	328.7	332.8	332.5	326.6	324.9
Money supply (M3) End period (y/y, %) Period period (y/y) End period (y/y)		0.3	1.5	2.9	2.2	2.7	3.1	3.6	3.2	2.8
Refinance rates End period (%)		1.00	1.00	0.75	1.00	1.00	0.75	0.75	0.75	0.50
3-month money market rates	0.81	1.39	0.58	1.04	0.69	0.36	0.20	0.21	0.21	
10-y govt. bond yields (German	2.77	2.64	1.56	1.88	1.52	1.41	1.42	1.52	1.40	
USD/EUR exchange rates	1.3272	1.3926	1.2862	1.3116	1.2839	1.2518	1.2976	1.3202	1.306	
GBP/EUR exchange rates	0.8584	0.8679	0.8113	0.8344	0.8110	0.7919	0.8080	0.8511	0.8514	
YEN/EUR exchange rates	per line is the quarterly perc	116.4	111.0	102.7	104.2	102.8	98.4	105.5	121.9	129.

Note :

The upper line is the quarterly percentage change, the lower line is the annual percentage change unless otherwise indicated. * seasonally adjusted ** adjusted for variations in the number of working days

PMI indices show that above 50 indicates expansion, below 50 indicates contraction.

Unemployment rate = unemployed total/total labour force. Interest rates and foreign exchange rates are period averages.

Sources: ECB Monthly Bulletin etc.

2. Monthly data

2. Monthly data		01/2013	2	3	4	5	6	7	8			
Real GDP *	Domestic demand	No figures on monthly basis										
	Contributions Net exports Contributions											
	Total	-0.3	0.2	0.7	0.1	-0.4	0.6	-1.5	-			
Industrial Production	(excluding construction)	-2.4	-3.1	-1.6	-0.9	-1.9	-0.4	-2.1	-			
* **	Manufacturing	-2.6	-2.4	-3.1	-0.8	-2.0	-0.1	-2.1	-			
	Construction	-10.0	2.1	-7.6	-6.3	-3.8	-3.0	-	-			
Retail sales *		0.9	-0.3	-0.2	0.0	1.1	-0.7	0.1	-			
		-1.8	-1.9	-2.2	-1.1	0.1	-1.1	-1.3	-			
		0.4	0.4	-0.2	-0.8	-0.3	0.0	0.4	-			
Producer's prices		1.7	1.3	0.6	-0.3	-0.1	0.6	0.7	-			
Ĩ	Manufacturing	0.3	0.4	-0.3	-0.5	-0.2	0.0	0.2	-			
		1.2	1.0	0.2	-0.5	-0.2	0.4	0.3	-			
Harmonised index of		-1.0	0.4	1.2	-0.1	0.1	0.1	-0.5	0.1			
consumer prices (HICP)		2.0	1.9	1.7	1.2	1.4	1.6	1.6	1.3			
	Core inflation	1.3	1.3	1.5	1.0	1.2	. 1.2	1.1	1.1			
Employment	(y/y, %)	12.0	12.0		figures on	-		10.1				
Unemployment % of labour force			12.0	12.1	12.1	12.1	12.1	12.1	-			
Unit labour cost *(y/y, %)Compensation per employee *(y/y, %)												
Labour Productivity *	(y/y, %) (y/y, %)											
Markit Purchasing Manager's	Manufacturing sector	46.1	47.9	47.9	46.8	46.7	48.3	48.7	50.3			
Indices (PMI)	Service sector	47.8	48.6	47.9	46.4	47.0	47.2	48.3	49.8			
	Economic sentiment	89.7	90.5	90.1	88.6	89.5	91.3	92.5	95.2			
	Manufacturing	-13.3	-11.1	-12.2	-13.7	-13.0	-11.2	-10.6	-7.9			
Business and consumer	Construction		-29.2	-29.9	-31.1	-33.0	-31.5	-32.6	-33.5			
surveys (confidence) *	Services	-7.9	-8.5	-7.1	-11.1	-9.3	-9.6	-7.8	-5.3			
	Retail trade	-15.5	-16.1	-17.1	-18.4	-16.7	-14.6	-14.0	-10.7			
	Consumer	-23.9	-23.6	-23.5	-22.2	-21.8	-18.8	-17.4	-15.6			
F is a set	(EUR bn)	157.5	156.0	161.0	159.7	156.4	158.4	155.9	-			
Exports	(m/m, %)	2.4	-0.9	3.2	-0.8	-2.1	1.3	-1.6	-			
Importo	(EUR bn)	147.7	145.3	142.9	144.6	142.9	144.9	144.8	-			
Imports (m/m, %)		3.2	-1.6	-1.7	1.1	-1.2	1.4	-0.1	-			
Trade balance	9.7	10.7	18.0	15.1	13.5	13.5	11.1	-				
Balance of payments, Current acc	-4.2	11.9	24.8	16.6	9.3	27.8	26.6	-				
Foreign reserves End period (USD bn)		337.8	331.2	326.6	327.2	324.6	324.9	325.9	-			
Money supply (M3)End period (y/y, %)Refinance rateEnd of period (%)			3.1	2.5	3.2	2.9	2.4	2.2	-			
Refinance rate	0.75	0.75	0.75	0.75	0.50	0.50	0.50	0.50				
3-month money market rates	0.20	0.22	0.21	0.21	0.20	0.21	0.22	0.23				
10-y govt. bond yields (Germa	1.56	1.60	1.40	1.25	1.35	1.62	1.63	1.80				
USD/EUR exchange rates	1.298	1.312	1.330	1.335	1.296	1.303	1.298	1.318				
GBP/EUR exchange rates	0.807	0.813	0.833	0.862	0.859	0.851	0.849	0.852				
YEN/EUR exchange rates	102.5	110.0	118.7	124.4	122.9	127.6	131.1	128.4				

Note: The upper line is the monthly percentage change, the lower line is the annual percentage change unless otherwise indicated.

 \ast seasonally adjusted \ast adjusted for variations in the number of working days

Unemployment rate = unemployed total/total labour force.

PMI indices show that above 50 indicates expansion, below 50 indicates contraction.

Interest rates and foreign exchange rates are period averages.

Sources: ECB Monthly Bulletin etc.

3. Annual and quarterly GDP Growth and Inflation rates by country

I	uarterly GDP Gro	10	11	12	Q1/12	Q2	Q3	Q4	Q1/13	Q2
	Belgium		1.0		0.1	-0.4	0.0	-0.1	0.0	0.2
	-	2.4	1.8	-0.3	0.2	-0.4	-0.4 0.2	-0.5 -0.5	-0.6 0.0	0.0
	Germany	4.0	3.3	0.7	1.3	1.1	0.9	0.3	-0.3	0.5
	Spain	0.2	0.1	1.6	-0.4	-0.5	-0.4	-0.8 -2.1	-0.4 -2.0	-0.1
	Eronas	-0.2	0.1	-1.6	-1.2 0.0	-1.6 -0.3	-1.7 0.2	-2.1	-2.0	-1.6
	France	1.7	2.0	0.0	0.4	0.1	0.0	-0.3	-0.5	0.3
	Ireland	-0.8	1.4	0.9	-0.6 1.4	0.8 0.7	-1.0 -0.5	-0.2 -1.0	-0.6 -1.0	-
	Italy	0.0	1.1	0.7	-1.0	-0.6	-0.3	-0.9	-0.6	-0.3
		1.7	0.4	-2.4	-1.7	-2.4	-2.6	-2.8	-2.4	-2.1
	Luxembourg	2.9	1.7	0.3	-1.0 -0.4	0.6 0.5	-0.2 -0.3	2.2 1.6	-1.6 1.0	-
	Netherlands				-0.3	0.4	-0.9	-0.6	-0.4	-0.2
		1.5	0.9	-1.2	-1.5	-0.9	-1.4	-1.3	-1.4	-2.0
Real GDP***	Austria	1.8	2.8	0.9	0.4 0.8	0.2 0.5	0.1 0.7	-0.1 0.6	0.1 0.3	0.1 0.1
	Portugal				-0.1	-1.0	-0.8	-1.9	-0.4	1.1
	ronugai	1.9	-1.3	-3.2	-2.4	-3.2	-3.6	-3.8	-4.1	-2.1
	Finland	3.4	2.7	-0.8	0.4 1.2	-1.5 -0.7	-0.3 -1.6	-0.8 -2.2	-0.2 -2.8	0.2 -1.1
	Grages	5.4	2.1	0.0	-7.5	-0.7	4.5	-2.2	-2.8	9.6
	Greece	-4.9	-7.1	-6.4	-6.7	-6.4	-6.7	-5.7	-5.6	-3.8
	Slovenia	1.3	0.7	-2.5	-0.5	-1.3 -2.6	-0.4	-1.0	-0.5 -3.2	-0.3 -2.2
		1.5	0.7	-2.3	-1.0	-2.6	-2.8 -0.8	-3.2	-3.2	-2.2
	Cyprus	1.3	0.5	-2.4	-1.5	-2.5	-2.2	-3.6	-4.9	-5.7
	Malta	1.0	1 -	0.0	-0.2	1.0	0.6	0.2	0.1	0.7
		4.0	1.6	0.8	-0.7	0.9	1.4	1.5 0.1	1.9 0.2	1.6
	Slovakia **	4.4	3.2	2.0	2.9	2.3	1.9	1.0	0.2	0.8
	Estonia ***				2.3	-0.1	1.3	0.5	-0.1	-0.2
		2.6	9.6	3.9	5.4 0.7	3.0 0.8	3.3 -0.1	4.0	-0.2	1.5
	Belgium	2.3	3.4	2.6	3.2	2.6	-0.1	2.3	-0.2	1.2
	Germany			_	0.7	0.5	0.4	0.4	0.5	0.2
		1.2	2.5	2.1	-0.8	2.1	-0.1	2.0 1.8	-1.2	1.5 1.4
	Spain	2.0	3.1	2.4	-0.8 1.9	2.3 1.9	-0.1 2.8	1.8 3.2	-1.2	1.4
	France				0.6	0.9	-0.1	0.3	0.1	0.6
		1.7	2.3	2.2	2.6	2.3	2.3	1.7	1.2	0.9
	Ireland	-1.6	1.2	1.9	0.7 1.7	1.0 1.9	0.3 2.3	-0.2 1.8	0.0 1.1	0.5 0.6
	Italy	1.5			-0.7	2.7	-0.9	1.6	-1.2	1.9
		1.6	2.9	3.3	3.6	3.6	3.4	2.6	2.1	1.3
	Luxembourg	2.8	3.7	2.9	0.7 3.1	1.1 2.7	0.2 2.9	0.7 2.8	0.2 2.2	0.6 1.7
		2.0	5.7	2.7	0.9	1.4	0.2	0.8	0.9	1.7
Harmonised	Netherlands	0.9	2.5	2.8	2.9	2.6	2.6	3.3	3.2	3.0
Index of Consumer Prices	Austria	17	26	26	0.4	1.1	0.0	1.3	0.1	0.8
(HICP)		1.7	3.6	2.6	2.7 0.8	2.3 0.9	2.4	2.9 0.2	-0.8	2.2
	Portugal	1.4	3.6	2.8	3.3	2.8	3.0	2.0	0.4	0.8
	Finland				1.5	0.8	0.2	0.8	0.7	0.7
		1.7	3.3	3.2	3.0	3.0 1.9	3.3 -1.6	3.4	2.5	2.4
	Greece	4.7	3.1	1.0	-1.3	1.9	-1.0	0.6	-1.9	-0.4
	Slovenia				0.1	2.0	-0.3	1.1	-0.2	1.2
		2.1	2.1	2.8	2.5	2.5	3.2	3.0	2.7	1.8
	Cyprus	2.6	3.5	3.1	-0.7 3.2	3.0 3.4	-0.3 4.0	-0.3 1.8	-0.8 1.7	1.7 0.4
	Malta	2.0	5.5	5.1	-0.8	5.8	0.7	-2.5	-2.0	4.7
	Malta	2.0	2.5	3.2	2.3	4.0	3.4	3.2	1.9	0.8
	Slovakia **	0.7	4 1	27	2.0	0.7	0.3	0.6	0.7	0.2
	Estonia ***	0.7	4.1	3.7	4.0	3.6 1.5	3.8 0.8	3.6	2.2	1.7
					1.5	1.5	0.0	0.2	1.5	1

Note: The upper line is the quarterly percentage change, the lower line is the annual percentage change unless otherwise indicated. *** (2000=100), **EMU member since January 2007, *** EMU member since January 2008

Germany's real GDP growth rate firgure for 2011 is an estimate from Federal Statistics Office of Germany.

Sources: ECB Monthly Bulletin etc.

4. Monthly and Annual Inflation rates and Industrial Production

	nual Inflation ra	01/2013	2	3	4	5	6	7	8
		-1.8	2.4	0.0	-0.2	-0.1	0.3	-1.3	1.
	Belgium	1.5	1.4	1.3	1.1	1.1	1.5	1.6	1.
	Germany	-0.7	0.8	0.4	-0.5	0.3	0.1	0.4	0
		1.9	1.8	1.8 1.9	1.1	1.6 0.1	1.9 0.1	-1.1	1
	Spain	-1.8	2.9	2.6	1.5	1.8	2.2	-1.1	1
	France	-0.6	0.3	0.8	-0.1	0.1	0.2	-0.3	0
	Trance	1.4	1.2	1.1	0.8	0.9	1.0	1.2	1
	Ireland	-0.6	0.8	0.4 0.6	-0.1 0.5	0.0 0.5	0.1 0.7	-0.1	C
		-2.0	-0.2	2.3	0.3	0.0	0.7	0.7	0
	Italy	2.4	2.0	1.8	1.3	1.3	1.4	1.2	1
	Luxembourg	-0.9	1.9	0.1	0.1	-0.5	0.4	-1.0	1
		2.1	2.4	2.0	1.7 0.1	1.4	-0.5	1.8	-C
Harmonised	Netherlands	3.2	3.2	3.2	2.8	3.1	-0.3	3.1	-0
Index of	Austria	-0.6	0.3	1.0	0.0	0.1	-0.2	-0.6	C
Consumer Prices (HICP)	Ausura	2.8	2.6	2.4	2.1	2.4	2.2	2.1	2
(inci)	Portugal	-1.3 0.4	-0.1 0.2	1.7 0.7	0.1 0.4	0.2 0.9	0.1 1.2	-0.2 0.8	-0 0
		0.4	0.2	0.7	0.4	0.9	-0.1	0.0	-C
	Finland	2.6	2.5	2.5	2.4	2.5	2.3	2.5	2
	Greece	-1.4	-1.6	2.5	0.5	0.0	-0.2	-1.6	-1
		0.0	0.1	-0.2 0.3	-0.6 0.6	-0.3 0.3	-0.3 0.0	-0.5	-1 C
	Slovenia	-0.8	2.9	2.2	1.6	1.6	2.2	-0.5	2
	Cyprus	-0.8	0.2	0.9	0.2	0.8	0.6	-1.1	C
	Cyprus	2.0	1.8	1.3	0.1	0.2	0.8	0.7	C
	Malta	-1.4 2.4	0.0 1.8	1.1 1.4	2.9 0.9	1.1 0.8	0.8 0.6	0.1 0.9	-C C
		0.7	0.0	0.0	0.9	0.8	0.8	-0.1	-0
	Slovakia	2.5	2.2	1.9	1.7	1.8	1.7	1.6	1
	Estonia	0.6	0.7	0.8	0.1	0.4	0.6	0.2	-0
		3.7	4.0	3.8 1.9	3.4 -0.6	3.6 1.3	4.1	3.9	3
	Belgium	-1.3	-6.4	-1.0	-0.0	1.3	-	-	
	Germany	-0.8	0.7	1.3	0.1	-1.3	2.2	-2.3	
		-2.4	-2.3	-1.6	0.2	-2.6	0.4	-2.5	
	Spain	0.8 -4.9	-1.4 -6.9	2.0 -0.8	-0.8 -1.7	0.2 -1.5	-0.6 -2.2	0.1 -1.4	
		-0.7	0.8	-0.8	2.4	-0.3	-1.5	-0.6	
	France	-2.6	-2.8	-1.4	-0.1	0.6	0.0	-1.9	
	Ireland	-3.9	0.9	-1.1	2.3	-2.2	9.3	-8.7	
		-4.0	-0.8	-3.8	-3.4	-7.2 0.1	3.2 0.2	-7.9	
	Italy	-3.3	-4.0	-5.3	-4.7	-4.3	-2.1	-4.3	
	Luxembourg	-6.4	1.0	2.9	-3.9	1.6	2.5	-	
		-5.8	-5.7	-7.4	-3.2	-4.4	-1.7	-	
Industrial	Netherlands	-0.6 3.0	3.7 -3.1	2.2 8.1	-3.2 1.5	1.3 2.3	-4.0 -1.7	-0.5 -1.2	
Production		-0.5	-1.0	0.0	2.3	-1.3	-0.4	-1.2	
upper line*	Austria	0.5	1.5	-1.1	1.1	-0.8	-1.0	-	
lower line**	Portugal	4.0	0.5	3.0	-2.8	5.6	-2.8	-3.2	
		-1.4	-1.1	-1.5	2.8	4.4	2.3	-2.3	
	Finland	-4.7	-6.8	-0.4	-9.2	-5.2	-5.9	-2.7	
	Greece	-0.5	-1.5	0.9	0.6	-2.6	2.1	-2.8	
	-	-4.3	-4.3	-1.0	0.5	-5.5	0.7	-8.2	
	Slovenia	-0.3 -2.2	3.4 3.0	-3.1 -3.6	1.3 -1.2	-1.0 -1.5	0.7 -2.2	-0.1 0.0	
	German	1.7	-3.8	-4.3	7.2	-9.5	-1.5	-	
	Cyprus	-9.0	-13.3	-15.4	-5.7	-17.3	-15.6	-	
	Malta	1.9	-5.7	3.2	-1.0	-1.4	2.3	-6.7	
		9.7 11.8	-2.4	4.2	1.2	-1.6	5.1 0.2	-7.7	
	Slovakia	6.3	-0.5	0.3	2.8	3.0	2.9	2.0	
	Estonia	0.5	-3.9	4.9	-3.0	3.4	-0.2	2.1	
		5.7	1.4	7.9	3.3	6.0	5.2	7.8	

Note: The upper line is the monthly percentage change, the lower line is the annual percentage change. * Seasonally adjusted, ** Working day adjusted

Sources: ECB Monthly Bulletin etc.

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