

ECONOMIC BULLETIN Q3 2016

Annex

Production and turnover of the EU food and drink industry

Production index

	2015 Q3	2015 Q4	2016 Q1	2016 Q2	2016 Q3	y-o-y
Total manufacturing	106.6	107.1	108.0	108.0	108.1	
% change	0.2	0.5	0.8	0.0	0.1	1.4
Food and drink industry	104.9	104.3	104.7	104.9	106.0	
% change	1.4	-0.6	0.4	0.2	1.0	1.0

Source: Eurostat

The industrial production index (also called industrial output index or industrial volume index) measures the changes in the price adjusted-output of industry.

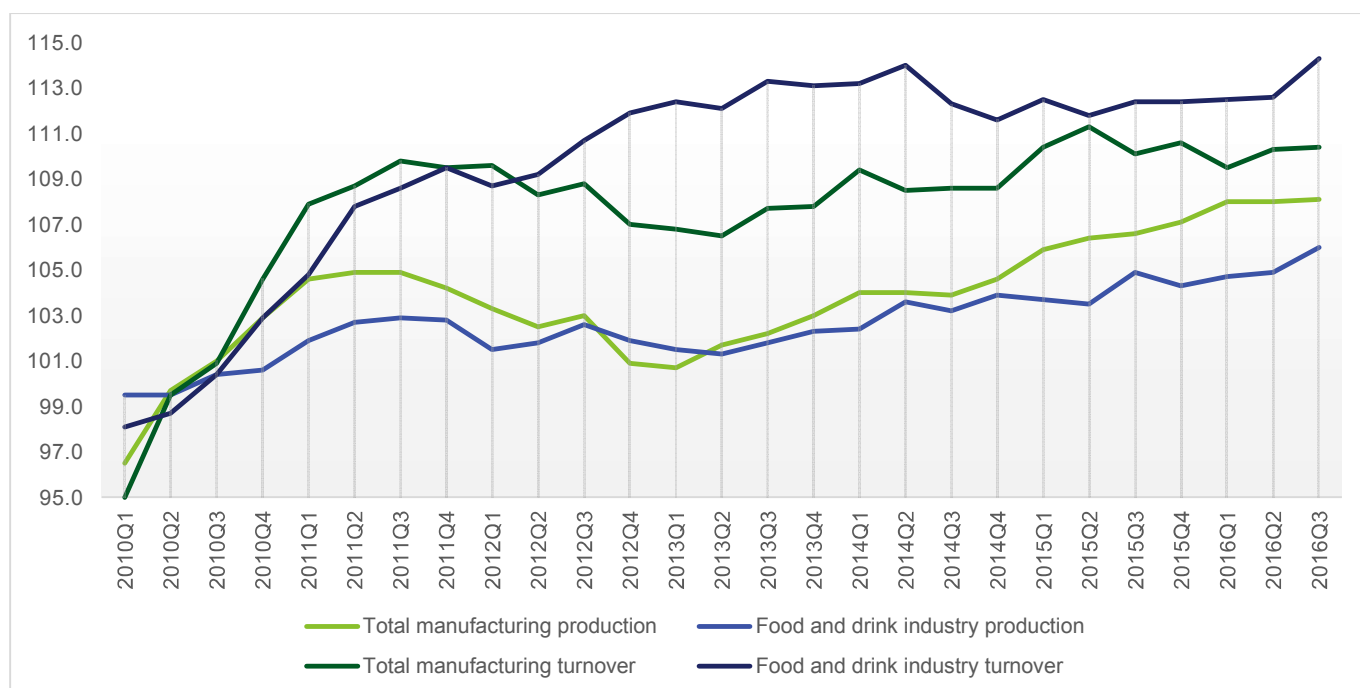
Turnover index

	2015 Q3	2015 Q4	2016 Q1	2016 Q2	2016 Q3	y-o-y
Total manufacturing	110.1	110.6	109.5	110.3	110.4	
% change	-1.1	0.5	-1.0	0.7	0.1	0.3
Food and drink industry	112.4	112.4	112.5	112.6	114.3	
% change	0.5	0.0	0.1	0.1	1.5	1.7

Source: Eurostat

The index of industrial turnover measures the development of turnover (sales) in the European industry (it is influenced by changes in prices of the traded industrial goods and by changes of the traded volumes of goods).

EU quarterly manufacturing production and turnover, 2010 - 2016 (2010=100)



Source: Eurostat

Food and drink production by Member State

Member State	2016 Q2 / 2016 Q1 (% change)	2016 Q3 / 2016 Q2 (% change)	2016 Q3 / 2015 Q3 (% change)
EU	0.2	1.0	1.0
Austria	4.5	1.0	-1.8
Belgium	0.7	-0.2	3.6
Bulgaria	0.0	1.3	5.7
Czech Republic	-0.3	3.6	-0.9
Denmark	1.4	-1.3	1.8
Estonia	-3.1	-0.4	-3.7
Finland	0.2	-0.5	0.1
France	-2.2	1.8	-1.4
Germany	0.2	1.0	2.2
Greece	0.4	-3.5	-0.4
Hungary	-3.4	0.8	-1.6
Ireland	-2.1	2.1	-4.6
Italy	0.6	0.2	0.3
Latvia	-1.3	2.0	1.3
Lithuania	0.5	1.9	4.0
Netherlands	0.0	-0.1	2.5
Poland	2.0	1.2	5.0
Portugal	7.2	20.0	-0.1
Romania	3.9	-0.3	3.4
Spain	-0.4	1.7	2.1
Sweden	-0.7	-0.6	-2.7

Source: Eurostat. No data available for Croatia, Cyprus, Luxembourg, Malta, Slovakia, Slovenia, United Kingdom

Food and drink turnover by Member State

Member State	2016 Q2 / 2016 Q1 (% change)	2016 Q3 / 2016 Q2 (% change)	2016 Q3 / 2015 Q3 (% change)
EU	0.1	1.5	1.7
Austria	-0.6	-1.8	-3.9
Belgium	4.2	0.8	3.1
Bulgaria	3.5	-2.2	7.9
Czech Republic	1.3	1.0	-4.3
Denmark	1.3	1.1	2.1
Estonia	-2.5	-0.2	-3.2
Finland	-1.4	1.3	-1.5
France	-1.0	1.4	0.4
Germany	-1.6	2.6	1.4
Greece	0.3	0.2	-1.6
Hungary	-1.6	0.6	0.1
Ireland	-1.3	3.1	-0.9
Italy	1.2	1.8	2.2
Latvia	-2.1	0.0	-0.7
Lithuania	1.3	1.6	-0.7
Netherlands	1.4	-1.3	1.3
Poland	1.8	1.6	4.9
Portugal	2.3	3.6	6.3
Romania	5.3	1.2	5.4
Spain	-0.3	0.8	3.8
Sweden	2.5	-1.3	-1.3

Source: Eurostat. No data available for Croatia, Cyprus, Luxembourg, Malta, Slovakia, Slovenia, United Kingdom

Employment in the EU food and drink industry

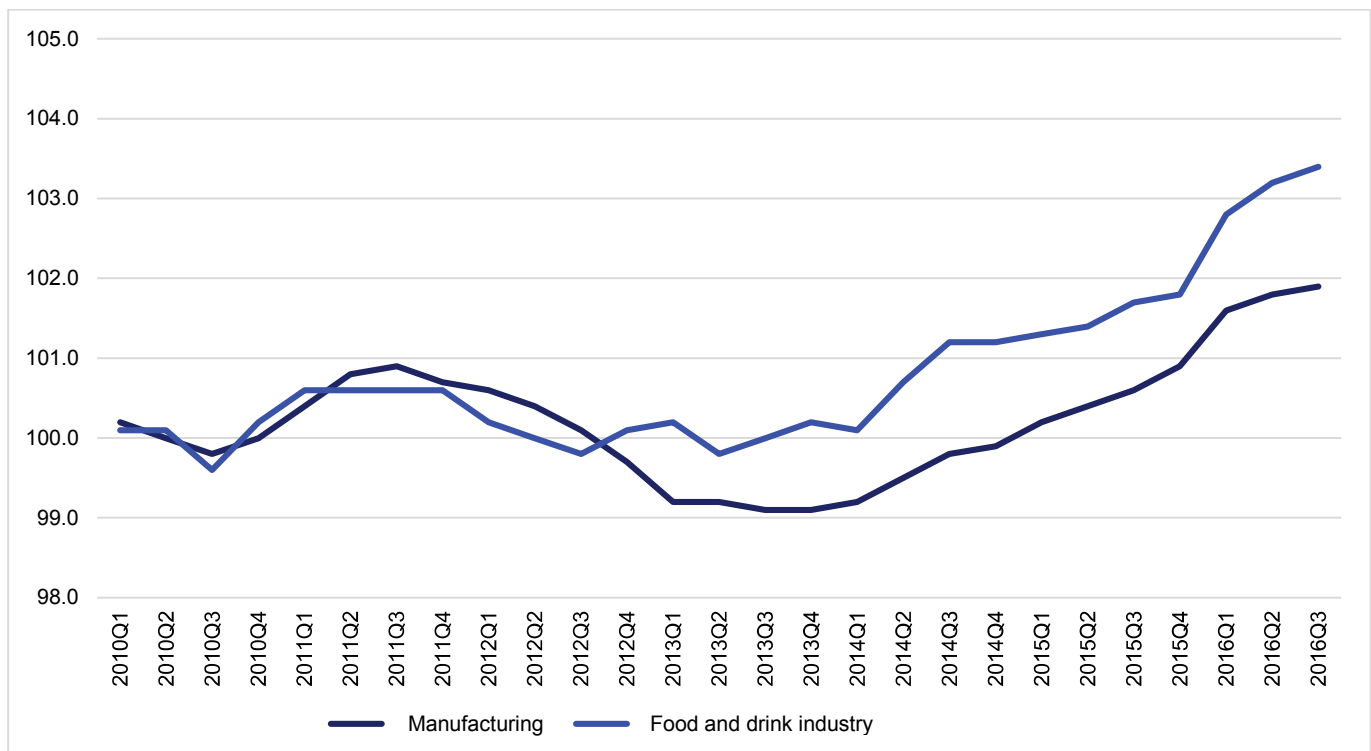
Employment index

Employment	2015 Q3	2015 Q4	2016 Q1	2016 Q2	2016 Q3	y-o-y
Total manufacturing	100.6	100.9	101.6	101.8	101.9	
% change	0.2	0.3	0.7	0.2	0.1	1.3
Food and drink industry	101.7	101.8	102.8	103.2	103.4	
% change	0.3	0.1	1.0	0.4	0.2	1.7

Source: Eurostat

The labour input measures the number of persons employed in the total manufacturing industry vs. the food and drink industry in the EU, seasonally adjusted.

Employment in the EU food and drink industry compared to total manufacturing, 2010-2016 (2010=100)



Source: Eurostat

Food and drink industry employment by Member State

Member State	2016 Q2 / 2016 Q1 (% change)	2016 Q3 / 2016 Q2 (% change)	2016 Q3 / 2015 Q3 (% change)
EU	0.4	0.2	1.7
Austria	0.7	0.0	-1.5
Belgium	0.2	0.2	0.9
Bulgaria	-1.6	0.5	2.3
Croatia	0.1	2.0	9.1
Czech Republic	1.1	0.3	4.6
Denmark	0.1	0.2	0.7
Estonia	-1.3	-0.8	-6.3
Finland	-5.0	-4.9	-11.8
France	-0.1	-1.1	-1.1
Germany	0.4	-0.2	1.9
Ireland	2.6	4.3	6.7
Latvia	0.5	0.1	-0.1
Lithuania	-0.6	-0.6	-0.2
Netherlands	0.3	na	na
Poland	0.6	0.5	1.9
Portugal	0.4	0.5	1.2
Romania	-0.1	0.1	3.6
Spain	3.7	2.0	3.8
Sweden	0.2	0.3	-0.1
United Kingdom	-0.5	0.8	2.0

Source: Eurostat. No data available for Cyprus, Greece (discontinued), Hungary, Italy, Luxembourg, Malta, Slovakia, Slovenia

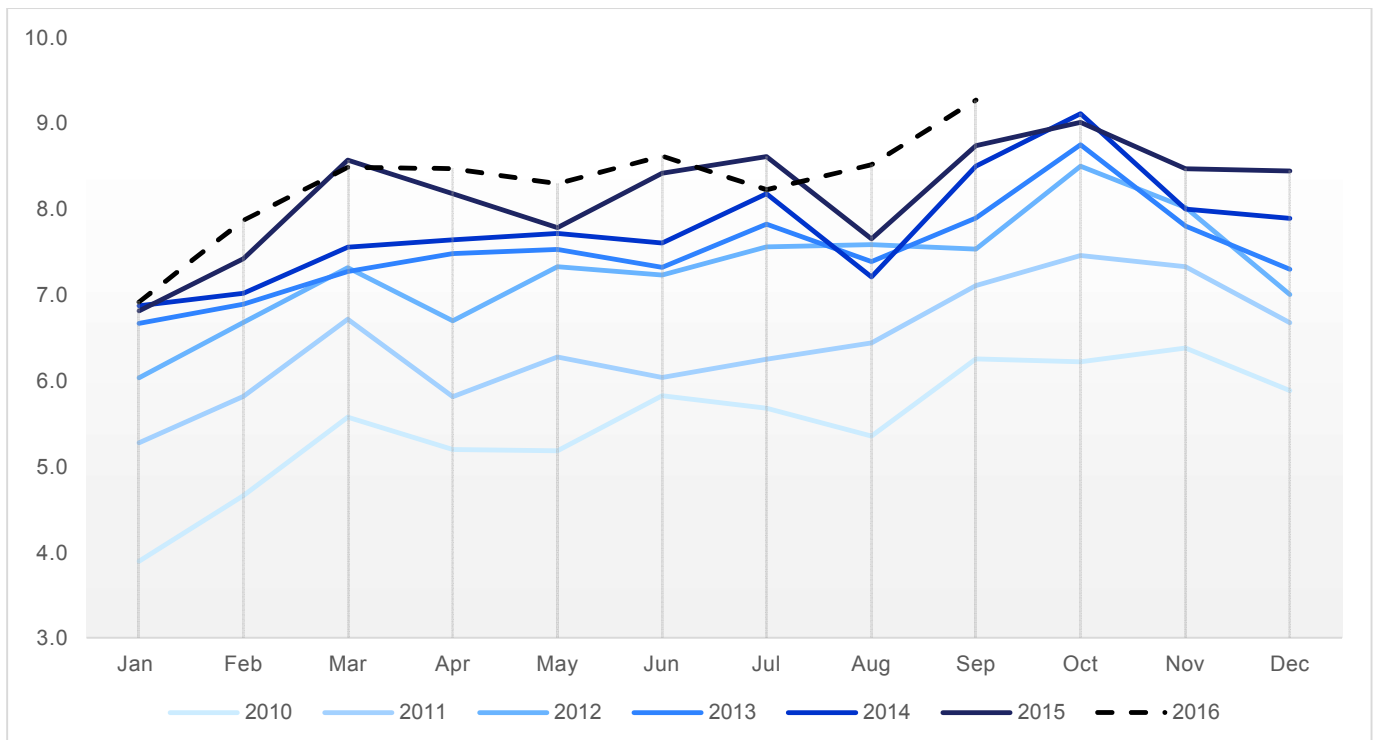
External trade

EU food and drink trade (€ billion)

	2015 Q3	2015 Q4	2016 Q1	2016 Q2	2016 Q3	2016 Q3 / 2015 Q3 % change
Exports	25.0	25.9	23.3	25.4	26.0	4.0%
Imports	18.4	18.7	17.5	17.8	17.8	-3.2%
Balance	6.6	7.3	5.8	7.5	8.2	24.3%

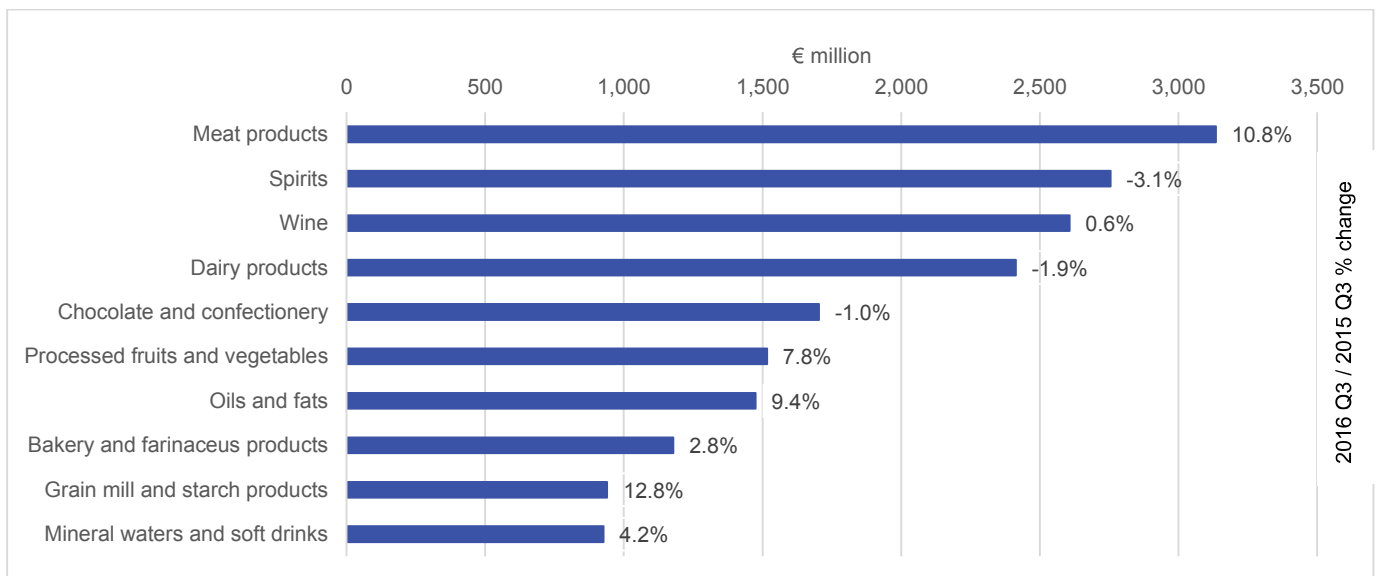
Source: Eurostat

EU food and drink export, 2010-2016 (€ billion)



Source: Eurostat

Export performance by sub-sector in Q3 2016



Source: Eurostat

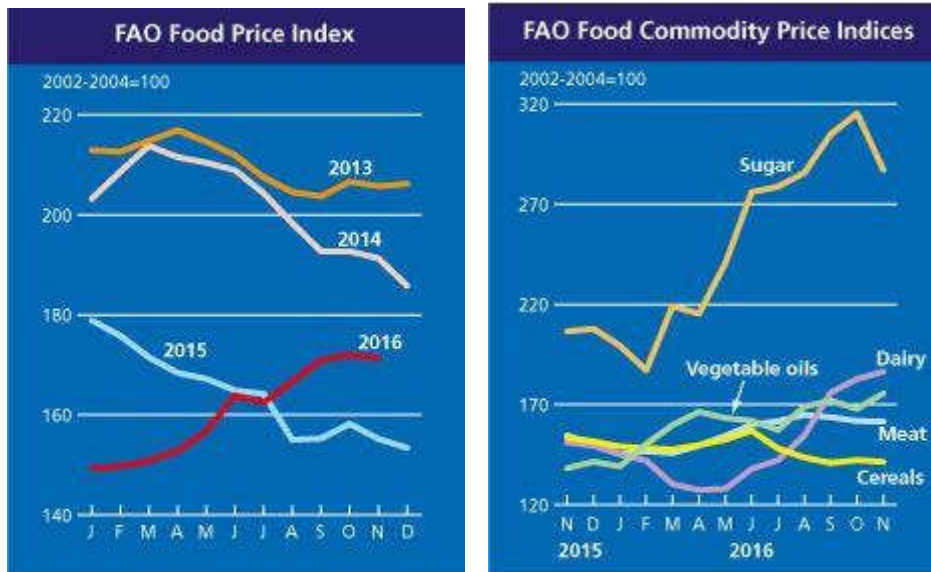
Trade by sub-sector in value and volume in Q3 2016

FLOW	VALUE_IN_MLN_EUROS					QUANTITY_IN_1000 tonnes					
	IMPORT	IMPORT	% change	EXPORT	% change	IMPORT	IMPORT	% change	EXPORT	% change	
PRODUCT/PERIOD	Q3 2015	Q3 2016		Q3 2015	Q3 2016	Q3 2015	Q3 2016		Q3 2015	Q3 2016	
Food and drink	18,424	17,830	-3.22%	24,998	26,001	4.01%	8,171	24%	13,161	13,955	6.04%
Food	16,963	16,344	-3.65%	17,422	18,457	5.94%	2,112	360%	9,488	10,271	8.25%
Drink	1,460	1,486	1.76%	7,576	7,544	-0.41%	6,058	-1%	3,673	3,684	0.31%
Meat products	1,699	1,520	-10.52%	2,830	3,135	10.76%	1,614	43%	1,775	1,972	11.10%
Spirits	423	403	-4.77%	2,843	2,755	-3.08%	2,353	-3%	74	378	-0.10%
Wine	675	679	0.59%	2,591	2,608	0.64%	1,929	1%	564	570	1.05%
Dairy products	164	169	3.05%	2,459	2,413	-1.87%	2,244	-2%	1,054	1,099	4.26%
Chocolate and confectionery	519	535	3.10%	1,721	1,704	-0.97%	1,169	-3%	355	371	4.35%
Processed fruits and vegetables	2,394	2,264	-5.42%	1,407	1,516	7.81%	-748	-24%	2,017	2,255	8.48%
Oils and fats	4,375	3,959	-9.50%	1,349	1,475	9.39%	-2,484	-18%	9,322	1,122	1.99%
Bakery and farinaceous products	190	184	-2.77%	1,147	1,179	2.77%	994	4%	78	476	7.13%
Grain mill and starch products	459	418	-8.76%	833	940	12.84%	522	39%	614	1,170	15.57%
Mineral waters and soft drinks	253	267	5.56%	889	927	4.24%	660	4%	524	1,124	-0.74%
Prepared animal feed	258	274	6.05%	887	924	4.15%	649	3%	314	806	-1.17%
Beer	99	126	27.71%	889	913	2.72%	787	0%	220	926	4.57%
Fish and seafood products	4,411	4,662	5.69%	817	871	6.62%	-3,790	5%	1,147	387	-5.56%
Processed tea and coffee	533	534	0.15%	552	536	-2.91%	3	-86%	1,685	79	3.92%
Cider	9	8	-15.40%	64	64	-0.24%	56	2%	7	46	0.99%

Sources: Eurostat Easy Comext, own calculations

Prices of agricultural commodities

FAO Food Price Indices



Source: FAO Food Price Index

Main agricultural commodity prices

Agricultural commodity	Q3 2016 average	EU		Q3 2016 average	WORLD	
		Q3 2016/ Q2 2016	Q3 2016/ Q3 2015		Q3 2016/ Q2 2016	Q3 2016/ Q3 2015
	EUR/T	% change	% change	EUR/T	% change	% change
CEREALS						
Corn	163	-0.5	-0.7	138	-9.4	-9.5
Soft Wheat	148	-2.5	-12.7	145	-13.7	-18.5
DAIRY						
SMP	1,808	8.5	4.4	1,849	18.1	18.0
WMP	2,327	3.4	5.2	2,244	10.5	4.8
SUGAR						
White Sugar	442	2.2	5.5	495	15.8	56.8
				USD/T	%	%
OILS AND OIL CROPS						
Soybean oil				810	1.9	10.1
Soybean				417	-1.7	8.3
Soybean meal				405	-3.2	1.8
Rapeseed				412	-0.6	-0.5
Palm oil				715	1.6	24.5
COFFEE & COCOA						
Cocoa				2,988	-3.6	-8.1
Coffee				2,956	10.2	13.6

Sources: World prices: FAO (cereals), CIAL (dairy), USDA (sugar); EU prices: DG AGRI; own calculations

Retail trade

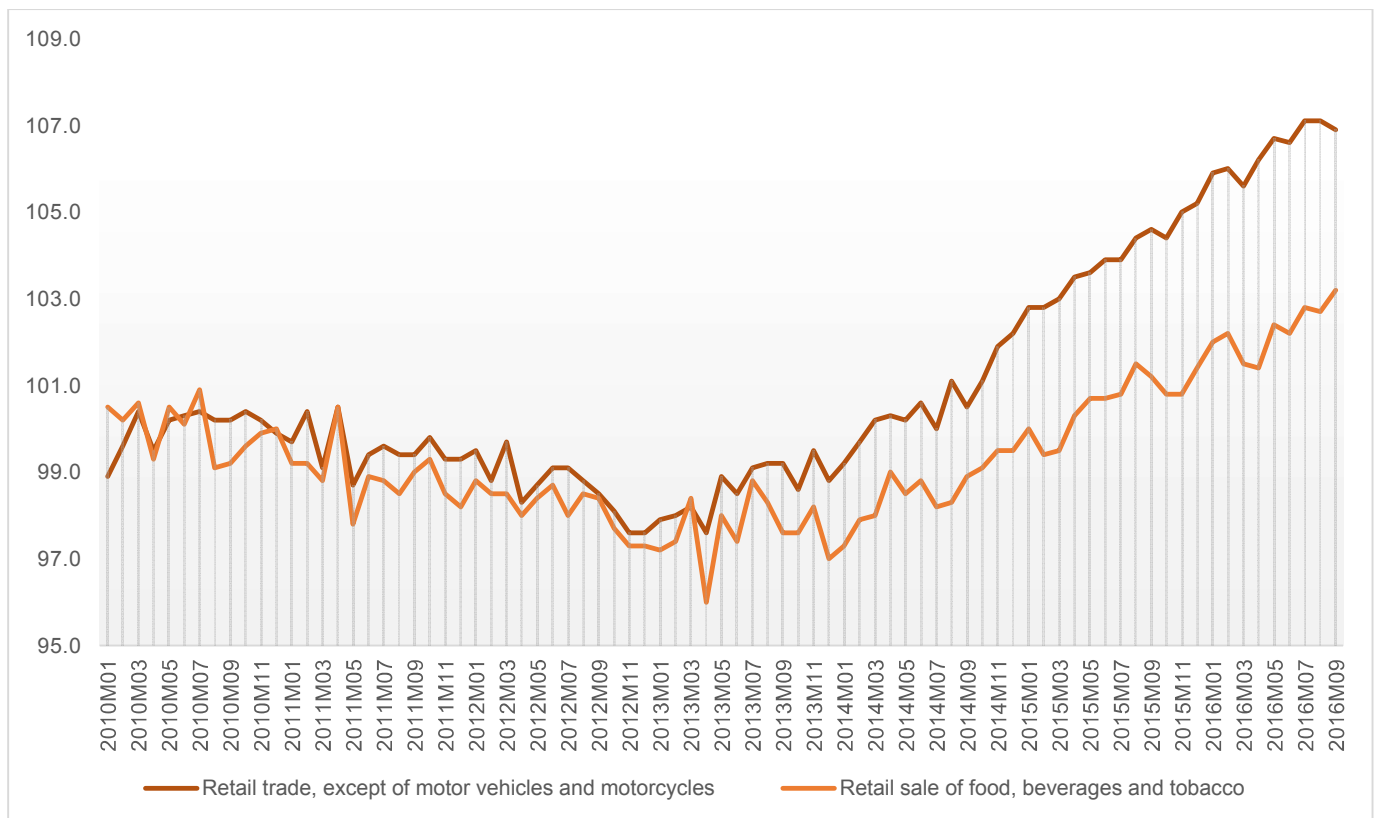
Volume of retail trade (% change)

	May-16	Jun-16	Jul-16	Aug-16	Sep-16	y-o-y
Total retail	0.5	-0.1	0.5	0.0	-0.2	2.0
Food, drinks and tobacco	1.0	-0.2	0.6	-0.1	0.5	2.0

Source: Eurostat

The index of volume of retail trade measures the monthly changes of the deflated turnover of retail trade.

EU monthly retail trade volume by product group, 2010-2016 (2010=100)



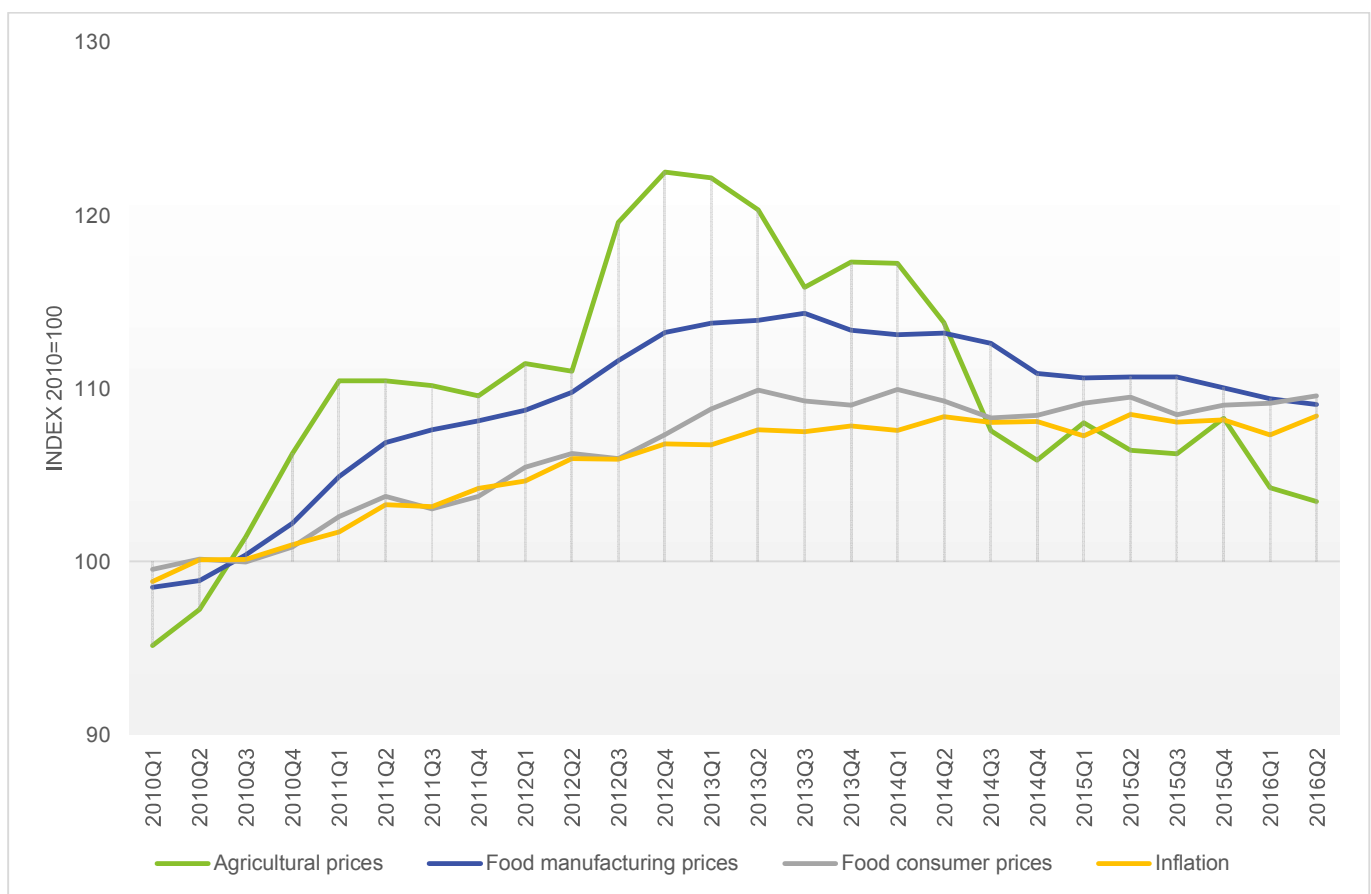
Sources: Eurostat; [Eurostat News Release 243/2016](#)

Price developments along the EU food chain

Price developments (% change)

	2015Q3	2015Q4	2016Q1	2016Q2	2016Q3	y-o-y
Agricultural prices	-0.2	1.9	-3.7	-0.8	2.6	-0.1
Food manufacturing prices	0.0	-0.6	-0.5	-0.3	0.9	-0.6
Food consumer prices	-0.9	0.5	0.1	0.4	-0.4	0.6
Inflation	-0.4	0.1	-0.8	1.0	-0.1	0.3

Sources: FoodDrinkEurope calculations on DG AGRI and Eurostat data



Note: Eurostat monthly indices for EU farmer prices are not available since 2013. Until March 2015, it is estimated based on Member States data weighted by their share in the agricultural output. Beyond, the index is estimated based on cereal, sugar, milk and meat monthly prices weighted by annual production. Data for agricultural prices are available until August 2016.

Source: DG Agriculture and Rural Development, based on Eurostat