



Agricultural Institute of Slovenia

Slovenian Agriculture in Numbers

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Slovenian Agriculture in Numbers presents the main indicators of state and development of Slovenian agriculture.

It is based on the official data sources listed under the individual tables and graphs, and were available up to May 31st 2017 (data on structure of agricultural holdings from June 29th 2017). Main data sources are:

- **Statistical Office of the Republic of Slovenia** (SORS), data from the data portal SI-STAT, theme Environment and Natural Resources; field Agriculture and Fishing (<http://pxweb.stat.si/pxweb/Database/Environment/Environment.asp>),
- **Ministry for Agriculture, Forestry and Food** (MAFF),
- **Agency for Agricultural Markets and Rural Development** (AKTRP),
- **Slovenian Environment Agency** (SEA),
- **Administration of the Republic of Slovenia for Food Safety, Veterinary Sector and Plant Protection** (AFSVPP),
- **Eurostat** (<http://ec.europa.eu/eurostat/data/database>).

More data is available in the Reports on the State of Slovenian Agriculture, Food, Forestry and Fisheries (http://www.kis.si/en/Reports_on_the_Condition_in_Agriculture), prepared by the Agricultural Institute of Slovenia (AIS).

Summary

In 2016, agriculture, together with hunting, forestry and fisheries contributed 2.3 % to total value added and 7.8 % to total employment. In recent years, the share of employment in agriculture fluctuates slightly more than the share of agriculture in total value added.

According to **Farm Structure Survey**, in 2016 the decreasing trend in the number of agricultural holdings continued. At a slightly larger extent of utilised agricultural area (UAA; 480 thousand ha) than in 2013 (477 thousand hectares), the total number of agricultural holdings decreased by 3 % (to 69.9 thousand). The average agricultural holding cultivates 6.9 ha of UAA (6.6 ha in 2013). The improvement of size structure is due to further decrease in the number of agricultural holdings in the smallest size classes, while at the same time the number of agricultural holdings in larger size classes (more than 20 ha UAA) increased. Livestock remains the most important agricultural activity, with 80 % of all agricultural holdings engaged in livestock production. The average number of livestock units (LSU) in these holdings is 7.5 LSU. Compared to 2013, the average number of LSU increased by around 9 %, largely due to a noticeable increase in the number of cattle and poultry. In 2016, around 2 % fewer people were employed on agricultural holdings than in 2013, with slightly improved labour productivity (16.7 annual working units / 100 ha UAA). The age structure of the holders-managers remains unfavourable; the average age of the holder is 57 years (56 years in 2013). The worrying fact is that among those working on farms, the share of persons under the age of 25 decreases and the share of those over 65 years increases.

In recent years, reduction of the negative impacts of **agriculture on the environment** can be noticed: the use of pesticides and mineral fertilizers is more rational, the share of legumes in crop rotation and the area of minor agricultural plant species are both increasing. Also, the agricultural area with organic farming is increasing; in 2016 to 43.6 thousand ha (9 % of all UAA) with permanent grassland still predominant in the structure (81 %).

In terms of agricultural production, the year 2016 was not as favourable as the previous two years. According to the preliminary statistical data, **the agricultural production volume** decreased by 3 %, with crop volume lower by more than 8%, and livestock production volume higher by around 5 %. The 2016 harvest was marked by strong frost which damaged fruit trees, vines and some arable crops. The fruit harvest was exceptionally poor, while the excellent quality of the grapes at least slightly improved poor grape harvest. Otherwise, for most arable crops the harvest was above-average, with grain maize, silage maize, soybeans and forage from permanent grassland reaching the record high. For all types of cereals, hectare yields were among the highest ever. Due to larger areas and good harvests, the total production of hops, oilseeds, dried pulses and vegetables was significantly higher than in 2015, whereas the production of potatoes and fodder root crops decreased. Compared to 2015, the agricultural land use on agricultural holdings remained almost unchanged (+0.2 %) with permanent grassland decreased by 0.9 % and increased area of permanent crops (+2.3 %) and arable land (+1.5%). In 2016 livestock production, the increase in milk and all livestock production (live weight gain) was recorded whereas the production of eggs was slightly lower than in the previous year. Due to unfavourable weather conditions honey production was down by one third.

Domestic consumption increased noticeably in rye, maize, vegetables (the largest ever) and meat in 2016. The increase in meat consumption is the result of increased consumption of all kinds of meat, most notably of pig meat. The consumption of other types of cereals, rice and potatoes remained quite similar to the previous year, while the consumption of fruit, sugar, milk, eggs and honey was lower. **Self-sufficiency rates**, which have fluctuated due to changes in production volumes and consumption in the recent period, were in 2016 higher than in the previous year in cereals, vegetables, meat, milk, and eggs, and lower in potatoes, fruits and honey.

Producer prices of agricultural products at the aggregate level dropped for the third consecutive year. Compared to 2015 they decreased by 2.3 % (-2.2 % in real terms), however only prices of livestock products decreased. Prices of crop products at the aggregate level rose by 4.0 % in 2016 compared to previous year and were above the last five-year average. The biggest growth of average producer prices was recorded for prices of potatoes, hops and grapes, whereas the prices of cereals, most notably of wheat, decreased. In livestock production, the average producer prices at the aggregate level were lower by 5.6 % in nominal terms, being the lowest ever. Significant price drop was recorded again for milk price; prices decreased also for cattle, pigs, poultry, eggs and honey, whereas the prices of lambs and horses increased. In 2016, besides the aggregate drop of agricultural producer prices, also the **prices of agricultural inputs** dropped, most significantly the prices of fertilizers, energy and seeds and seedlings, while the prices of other inputs increased slightly. At the aggregate level the prices of agricultural inputs dropped less (-1.9 % in nominal terms) than the producer prices of agricultural products. Thus, the terms of trade in agriculture deteriorated slightly in 2016, but remained comparable to the levels of terms after the year 2010.

According to the provisional data, **the economic results of agriculture** at the aggregate level in 2016 deteriorated significantly compared to the year 2015. The net value added was lower by 24 % and the factor income by around 12 %. With a lower value of total output (around 1.19 bill. EUR) and at the same time slightly lower intermediate consumption, the factor income in 2016 was approximately 453 mill. EUR or slightly less than 5,700 EUR per annual working unit. The decline in income was mainly due to the pronounced decline in production volume of fruit and wine growing at relatively favourable terms of trade.

In the framework of the **agricultural policy**, year 2016 was the second year of the implementation of the direct payments reform (2015–2020); two amendments and supplements to the Rural Development Program (RDP) 2014–2020 were ratified, as well as some changes of the model of the direct payments reform, which are applied in 2017.

In 2016, in the framework of **direct payments** the implementation of new schemes continued: the basic payment, green payment, additional payment for the new entrants to Young Farmers scheme, and optional payment in the framework of Small Farmers scheme. Additionally, the agricultural holdings could apply for production coupled payments for small grain cereals, protein crops, vegetables, cattle and milk production in mountain areas. Due to the external convergence, the national envelope for direct payments decreased to 137 mill. EUR (138 mill. EUR in 2015). Due to large number of applications, the share of envelope earmarked for Young Farmers scheme was increased (from 1 % to 1.5 %), consequently lowering the share of envelope for basic payment. The implementation of the measures defined in the **RDP for the period 2014–2020** also continued. Through the whole

period 14 measures will be implemented with 1,107 mill. EUR of available funds. By the end of 2016 approximately 278 mill. EUR had been granted for eleven measures and technical assistance (25 % of the program's available resources) of which 179 million (16 %) had been paid out. The absorption of resources was substantially higher in the measures implemented under the subsidy campaign and related to the annual subsidies for agri-environment-climate measures, animal welfare and payments to farmers with areas with natural and other constraints, while for some measures (basic services and village renewal in rural areas, setting-up of producer groups and organisations, co-operation) public tenders had not been published till the end of 2016.

Total **budgetary support to agriculture** (312.7 mill. EUR) decreased by 9 % in 2016 compared to 2015, whereas the share of co-financing from the EU budget remained the same (73 %). The biggest share of budgetary support was directed to market and direct support measures (52 %) and to structural and rural development measures (36 %). The executed payments for the CAP first pillar measures increased by 5 % compared to 2015. Significantly more funds were earmarked for direct payments and disaster and other compensations to producers (aid to dairy and pig production), while fewer funds were used for variable input subsidies that lower the costs of farming (lower payments for co-financing of insurance premiums). Executed payments for structural and rural development measures were reduced by a quarter, mainly due to the insufficient implementation of most of the RDP measures 2014–2020 (measures not implemented or payments not executed).

The total **trade in agri-food goods** increased by 4.7 % in 2016, with the export increasing by 6.7 % and import by 3.8 %. Further, the coverage of import by export increased and trade deficit rose slightly to 1,046 mill. EUR. Slovenia remains net value importer in most tariff groups of agri-food products. Trade surplus (in value) occurred in the group meat preparations and live animals. Bigger deficit as in the year before was recorded for meat, fruits, fodder and vegetables, whereas deficit for sugar, cereals and milk and dairy produce decreased. There were no big changes in the regional structure of agri-food trade in 2016. As in the previous years, most of the agri-food trade was created with the EU member states. The share of this group of countries increased with Croatia's accession to the EU (in 2016: 77 % of export and 85 % of import), whereas the trade deficit decreased slightly.

Key general statistics for Slovenian agriculture

	Ø 2004-08	Ø 2009-13	2014	2015	2016
Agriculture in economy					
Gross value added of agricultural sector* (mill. EUR)	643.5	651.6	778.7	794.3	775.1
• Share in total value added (%)	2.3	2.1	2.4	2.4	2.3
Employment in the agriculture* (000)	87.7	78.9	77.2	75.4	74.7
• Share in total employment (%)	9.2	8.3	8.3	8.0	7.8
Exports of agri-food products** (mill. EUR)	544	816	968	1,060	1,131
• Share in total export of goods (%)	3.2	4.2	4.2	4.4	4.5
Imports of agri-food products** (mill. EUR)	1,250	1,802	1,970	2,097	2,177
• Share in total import of goods (%)	6.7	8.7	8.7	9.0	9.0
Trade balance with agri-food products** (mill. EUR)	-706	-986	-1,002	-1,037	-1,046
Agricultural land use***					
Utilised agricultural area (ha)	496,097	473,577	482,218	476,861	477,683
Arable land (%)	35.7	36.3	36.3	35.9	36.4
Permanent crops (%)	5.5	5.6	5.6	5.7	5.8
Permanent grassland (%)	58.9	58.0	58.0	58.4	57.8
Share of utilised agricultural area in total area (%)	24.5	23.4	23.8	23.5	23.6
Utilised agricultural area per inhabitant (ha)	0.25	0.23	0.23	0.23	0.23

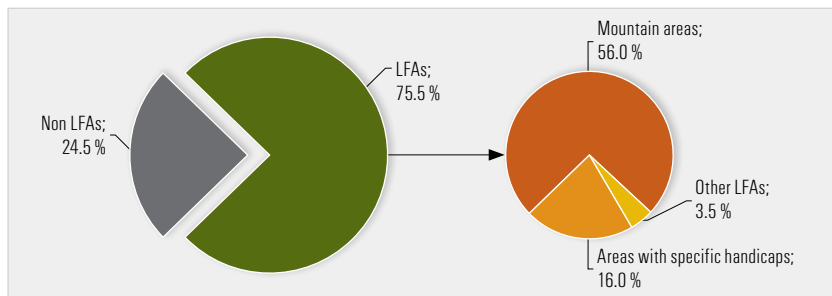
Source: SORS (National Accounts, External Trade, Crop Production), calculated by AIS

* agriculture, forestry, hunting and fisheries; 2016: provisional data

** commodity groups 01-24 of Combined Nomenclature (CN) of European Union; 2016: provisional data

*** annual statistics of crop production

Share of utilised agricultural area in less favoured areas (LFAs); 2016



Source: MAFF (Actual use of agricultural and forest land)

Structure of agricultural holdings

Agricultural holdings by land use and number of livestock								
	Number of holdings				Ø ha, heads/holding			
	2000	2010	2013	2016	2000	2010	2013	2016
Land use on agricultural holdings								
Holdings, total	86,467	74,646	72,377	69,902	5.6	6.4	6.6	6.9
Holdings with arable land	80,877	63,272	68,744	66,675	2.1	2.7	2.5	2.6
Holdings with orchards and olive groves	42,727	22,161	21,994	20,717	0.3	0.5	0.5	0.5
Holdings with vineyards	35,129	26,328	26,480	23,041	0.5	0.6	0.6	0.7
Holdings with permanent grassland*	74,230	61,949	62,301	60,401	3.8	4.5	4.4	4.6
Livestock on agricultural holdings								
Holdings with livestock (LSU)	77,452	58,648	57,749	55,782	6.1	7.2	6.9	7.5
Holdings with cattle	56,097	36,119	34,087	32,805	8.9	13.1	13.6	14.8
Holdings with dairy cows	28,588	10,953	9,770	9,572	5.0	9.9	10.6	11.6
Holdings with other cows	19,357	20,288	18,928	16,131	2.8	3.3	3.4	3.8
Holdings with pigs	44,623	26,441	23,700	22,649	13.5	14.4	12.1	12.1
Holdings with poultry	58,929	36,240	36,657	37,840	114.2	135.2	132.5	164.4
Holdings with horses	4,634	5,948	6,029	5,766	3.1	3.8	3.6	3.4
Holdings with sheep	4,330	6,181	6,243	6,150	22.2	22.3	20.9	21.9
Holdings with goats	4,775	4,214	4,022	4,598	6.2	8.3	8.6	8.4
Holdings with rabbits	12,682	8,051	8,300	8,672	14.2	10.6	11.6	12.7
Holdings with deer	190	352	505	406	22.0	20.9	19.3	21.7

Source: SORS (Agricultural Holdings), calculated by AIS
 * common grassland is not included

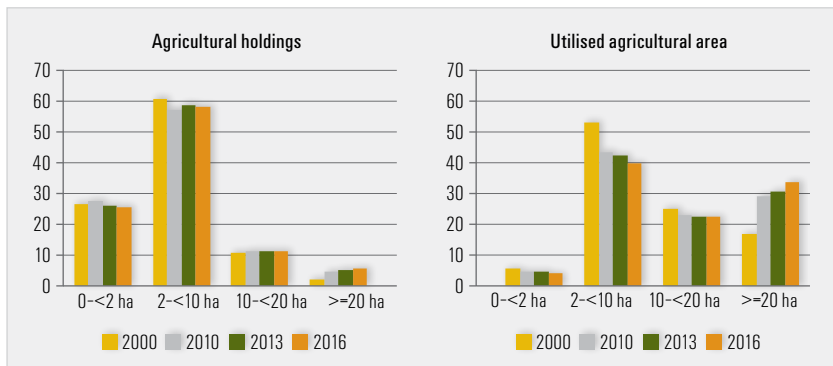
Labour force on agricultural holdings				
	2000	2010	2013	2016
Number of persons working on agricultural holdings	256,783	211,191	203,618	199,071
Number of annual working units (AWU)	107,809	77,012	82,746	79,967
AWU/number of persons working on agricultural holdings	0.42	0.36	0.41	0.40
AWU/100 ha of utilised agricultural area	22.20	16.20	17.30	16.70
AWU/ agricultural holding	1.25	1.03	1.14	1.14
Number of holders-managers on agricultural holdings	86,336	74,425	72,176	69,671
of which: younger than 35 years (%)*	5.2	4.3	4.8	:
older than 65 years (%)*	32.2	30.4	25.3	:
with formal agricultural education (%)	5.8	8.8	11.6	14.3
Average age of holders-managers	57	57	56	57

Source: SORS (Agricultural Holdings), calculated by AIS
 * Eurostat (Farm Structure Survey), calculated by AIS

Agricultural holdings and utilised agricultural area (UAA) by size classes of UAA								
	Number of holdings				Utilised agricultural area (ha)			
	2000	2010	2013	2016	2000	2010	2013	2016
0-<2 ha	23,042	20,593	18,654	17,583	26,399	22,050	20,999	19,784
2-<5 ha	30,386	25,135	25,130	24,336	101,112	83,112	82,173	78,534
5-<10 ha	22,058	17,530	17,207	16,174	155,278	122,842	120,317	113,081
10-<20 ha	9,165	8,100	7,882	7,922	121,063	109,491	107,004	107,498
20-<30 ha	1,264	1,916	1,956	2,100	29,927	45,939	47,318	50,454
30-<50 ha	377	920	1,043	1,195	13,805	34,250	38,955	45,169
>=50 ha	175	452	506	593	38,294	56,750	60,258	65,069
Total	86,467	74,646	72,377	69,902	485,879	474,432	477,023	479,589

Source: SORS (Agricultural Holdings), calculated by AIS

Share of agricultural holdings and utilised agricultural area by size classes of UAA (%)



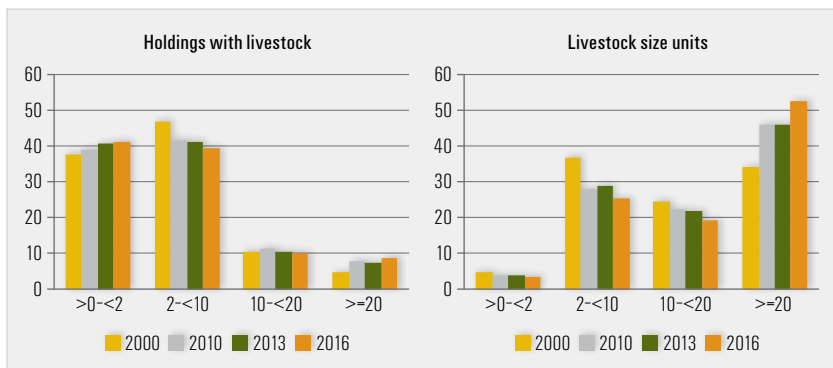
Source: SORS (Agricultural Holdings), calculated by AIS

Number of holdings with livestock and number of livestock units (LSU) by size classes of LSU

	Number of holdings				Number of livestock units			
	2000	2010	2013	2016	2000	2010	2013	2016
>0-<2	29,108	22,861	23,478	23,084	22,701	15,871	14,991	14,208
2-<5	22,160	14,598	14,731	12,848	72,585	47,809	48,094	41,509
5-<10	14,159	9,972	9,168	9,136	99,851	70,537	66,256	64,331
10-<20	8,328	6,678	6,122	5,698	114,864	93,327	86,171	79,690
20-<30	2,209	2,176	1,943	2,355	53,106	52,873	47,556	56,545
30-<50	1,037	1,510	1,426	1,600	38,026	56,908	53,928	60,330
>=50	451	853	880	1,061	69,365	84,227	82,353	102,072
Total	77,452	58,648	57,749	55,782	470,498	421,553	399,349	418,684

Source: SORS (Agricultural Holdings), calculated by AIS

Share of agricultural holdings with livestock and livestock units by size classes of LSU (%)



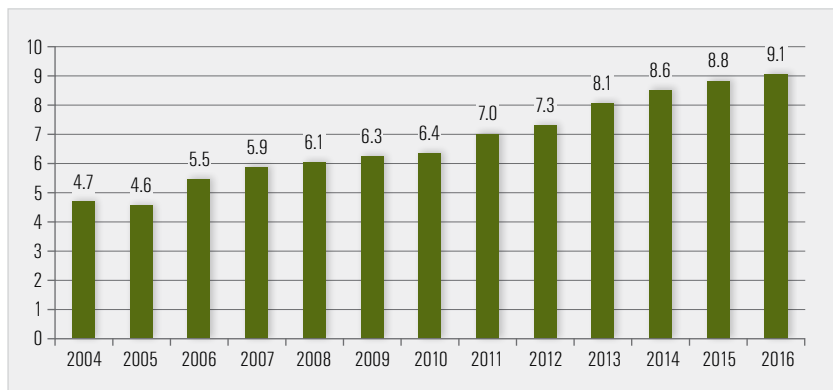
Source: SORS (Agricultural Holdings), calculated by AIS

Agriculture and environment

Agricultural holdings and area with organic farming					
	Ø 2004-08	Ø 2009-13	2014	2015	2016
Number of agricultural holdings	1,849	2,482	3,298	3,417	3,518
• with organic farming	1,384	2,017	2,537	2,699	2,933
• in conversion to organic farming	464	465	761	718	585
Utilised agricultural area (ha)	26,435	33,198	41,237	42,188	43,579
• with organic farming	20,119	27,434	33,536	32,488	36,353
• in conversion to organic farming	6,317	5,765	7,701	9,700	7,226
Area with organic farming by land use (ha)					
Arable land	1,946	3,561	4,732	5,359	5,700
of which: vegetables and strawberries	106	163	214	281	267
Orchards	522	912	1,260	1,466	1,608
Vineyards	123	303	422	495	536
Olive groves	15	122	226	214	240
Nurseries	-	0	-	1	0
Permanent grassland	23,828	28,299	34,596	34,653	35,494

Source: SORS (Organic Farming), calculated by AIS

Share of area with organic farming in utilised agricultural area (%)



Source: SORS (Organic Farming), calculated by AIS

Indicators of arable land utilisation (%)					
	Ø 2004-08	Ø 2009-13	2014	2015	2016*
Soil cover on arable land by green crops**	60.7	62.3	62.1	61.7	61.9
Share of arable land covered by grasses***	16.8	20.2	18.6	17.7	18.3
Share of legumes in crop rotation****	11.2	15.3	14.9	15.5	16.3
Share of maize in crop rotation	39.8	38.6	38.7	38.8	37.4

Source: SORS (Crop Production), calculated by AIS

* provisional data

** soil cover which is based on seeding structure of main crops (stubble crops not taken into account)

*** grasses, grass-clover mixtures and clovers on arable land

**** including grass-clover and clover-grass mixtures

Area of minor agricultural plant species (ha)					
	Ø 2004-08	Ø 2009-13	2014	2015	2016*
Spelt	177	269	417	635	800
Buckwheat	701	1,300	1,979	2,435	3,127
Sunflowers	151	289	252	230	241
Millet	345	181	229	491	399
Field peas	1,691	475	221	447	611
Soya	130	140	404	1,705	2,466

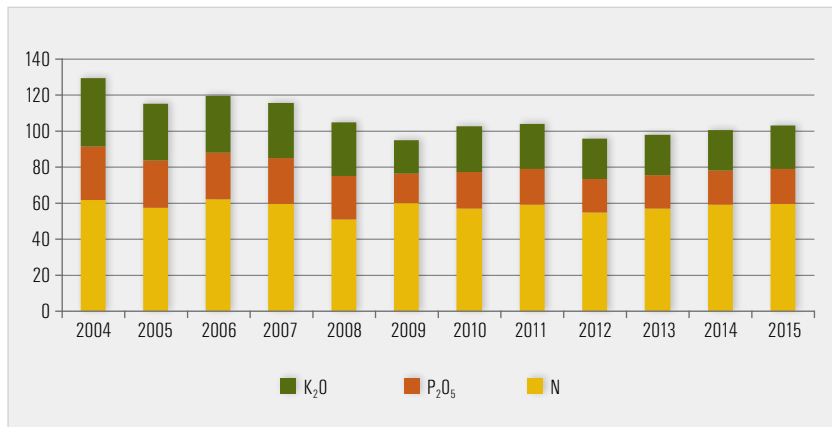
Source: SORS (Crop Production), calculated by AIS

* provisional data

Mineral fertiliser use (t)				
	Ø 2004-08	Ø 2009-13	2014	2015
Mineral fertiliser use, total	148,675	128,201	136,054	136,114
Pure nutrients use, total	58,011	46,963	48,417	49,278
Nitrogen (N)	28,894	27,277	28,612	28,319
Phosphorus (P ₂ O ₅)	13,108	8,872	9,141	9,435
Potassium (K ₂ O)	16,010	10,814	10,664	11,524

Source: SORS (Production Methods in Agriculture), calculated by AIS

Pure nutrients use per hectare of utilised agricultural area (kg)



Source: SORS (Production Methods in Agriculture), calculated by AIS

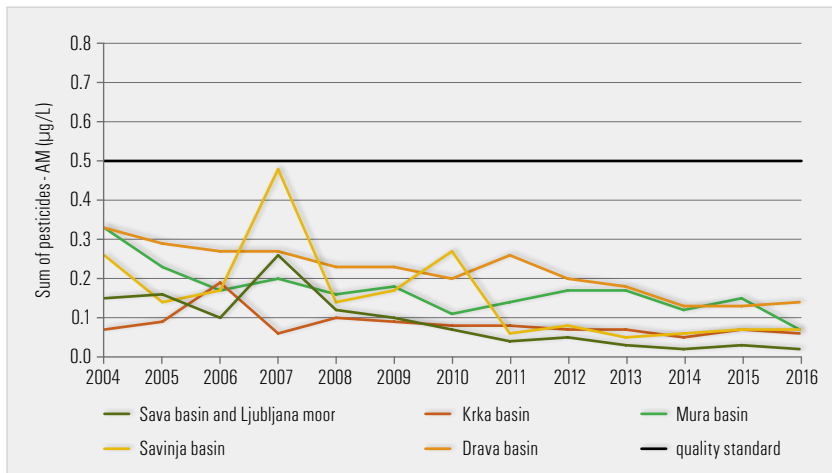
Emissions from agriculture to environment				
	Ø 2004-08	Ø 2009-13	2014	2015
Gross N surplus (kg/ha utilised agricultural area)	53	55	42	44
Net N surplus (kg/ha utilised agricultural area)	19	20	9	10
P surplus (kg/ha utilised agricultural area)	7	4	1	2
Emissions of greenhouse gases (000 t eq CO ₂)	1,772	1,702	1,708	1,744
Emissions of ammonia (000 t)	18.5	17.7	17.2	17.4

Source: AIS

Pesticide sale (t active substance)				
	Ø 2004-08	Ø 2009-13	2014	2015
Pesticide groups, total	1,325	1,071	1,010	1,047
Fungicides	893	746	724	759
Herbicides	313	255	239	224
Insecticides	91	48	34	38
Other pesticides	29	22	13	25

Source: SORS (AFSVPP), calculated by AIS

Average annual values (AM) of sum of pesticides and their degradation products in groundwater bodies with alluvial aquifers



Source: SEA (Standardised database for water quality monitoring, 2017)

Agricultural output

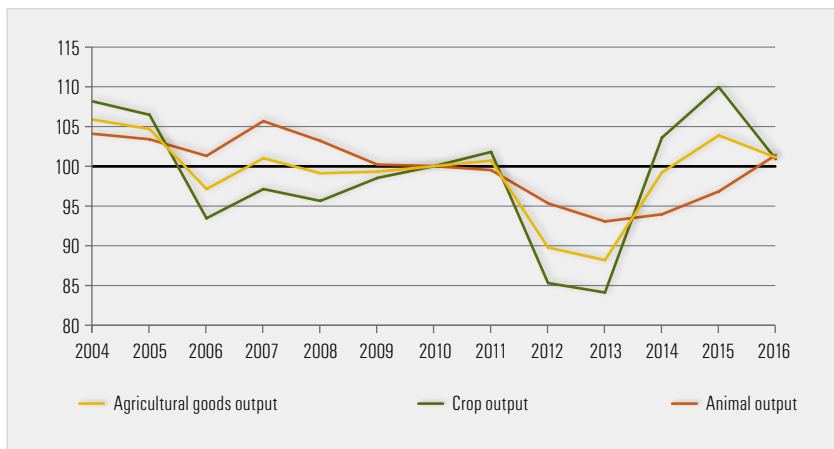
Share of individual products in agricultural output (%)					
	Ø 2004-08	Ø 2009-13	2014	2015	2016*
Crop output	50.5	52.3	53.4	56.9	54.1
Cereals	7.7	7.4	7.4	6.9	6.9
of which: Wheat and spelt	2.2	2.2	2.4	2.1	1.8
Industrial crops	2.8	2.0	2.3	2.5	3.0
of which: Oil seeds and oleaginous fruits	0.7	1.2	1.2	1.3	1.5
Forage plants	15.8	16.3	17.4	15.3	14.9
Vegetables and horticultural products	6.1	7.1	8.3	9.0	10.1
of which: Fresh vegetables	3.7	4.5	5.5	6.0	6.9
Potatoes	2.0	1.7	1.8	1.3	1.8
Fruits	5.9	7.0	6.7	8.5	5.8
Grapes	1.5	1.3	0.7	1.3	1.3
Wine	8.3	9.1	8.6	11.7	10.1
Olive oil	0.4	0.3	0.2	0.3	0.3
Animal output	47.8	45.9	45.0	41.6	44.2
Cattle	13.4	12.7	11.5	11.6	12.7
Pigs	8.2	5.1	4.1	3.3	3.6
Poultry	6.6	8.1	7.8	7.2	8.2
Sheep and goats	0.8	0.6	0.6	0.7	0.8
Other animals	0.4	0.4	0.4	0.4	0.4
Milk	15.4	14.6	16.4	13.4	13.1
Eggs	1.9	2.7	2.7	2.9	3.2
Other animal products	1.0	1.7	1.5	2.1	2.3
Agricultural services output	1.7	1.8	1.6	1.6	1.7
AGRICULTURAL OUTPUT	100.0	100.0	100.0	100.0	100.0

Source: SORS (Economic Accounts for Agriculture), calculated by AIS
 * provisional data

Gross agricultural output volume change (% change from previous year)					
	Ø 2004-08	Ø 2009-13	2014	2015	2016*
Crop output	5.1	-2.5	23.3	6.2	-8.3
Cereals	7.6	-3.9	41.4	-3.8	2.1
Oil seeds and oleaginous fruits	-3.2	2.9	38.9	2.4	22.7
Potatoes	0.6	-7.9	58.2	-7.3	-4.4
Fresh vegetables	9.8	-2.7	20.8	6.5	13.8
Forage plants	8.8	-5.5	37.9	1.6	0.3
Fruits	-0.6	-0.7	6.8	17.2	-36.9
Grapes	-1.0	-5.6	-32.0	74.5	-21.3
Wine	0.3	2.7	1.8	14.8	-21.3
Animal output	-0.8	-2.1	0.9	3.1	4.8
Cattle	-2.1	-0.6	1.4	3.6	5.1
Pigs	-3.6	-13.0	5.4	-11.4	4.4
Poultry	1.1	-0.6	4.0	-1.8	8.1
Milk	-0.4	-0.5	3.5	2.3	3.8
Agricultural goods output	2.1	-2.3	12.7	4.7	-2.8
Agricultural services output	0.3	-3.0	1.0	-0.1	0.0
AGRICULTURAL OUTPUT	2.1	-2.3	12.5	4.7	-2.7

Source: SORS (Economic Accounts for Agriculture), calculated by AIS
* provisional data

Changes in agricultural goods output by volume (2010=100)



Source: SORS (Economic Accounts for Agriculture), calculated by AIS

Crop area (ha)					
	Ø 2004-08	Ø 2009-13	2014	2015	2016**
Cereals	99,269	97,862	99,884	98,955	98,355
of which: Wheat and spelt	32,396	32,498	33,124	30,734	31,461
Barley	17,116	18,315	18,482	20,110	19,184
Grain maize	42,562	39,250	38,331	37,743	36,388
Rapeseed	3,363	5,154	5,563	1,629	3,156
Pumpkins for oil	3,891	4,826	3,943	4,939	5,410
Hops	1,539	1,370	1,296	1,405	1,485
Potatoes	5,840	3,726	3,600	3,319	3,163
Vegetables	3,838	4,068	5,057	5,001	5,515
Green fodder from arable land	59,420	62,806	62,710	59,767	61,298
of which: Green maize	27,785	27,082	29,485	28,735	28,689
Fodder from permanent grassland	291,999	274,851	279,916	278,678	276,243
Fruits*	9,886	9,377	9,973	10,012	10,463
of which: Intensive orchards	4,379	4,019	3,942	3,964	4,031
of which: Apples	3,009	2,713	2,545	2,465	2,416
Wine grapes	16,317	16,245	16,009	15,692	15,824
Olives	855	902	996	1,076	1,173

Source: SORS (Crop Production), calculated by AIS

* including strawberries

** provisional data

Crop production (t)					
	Ø 2004-08	Ø 2009-13	2014	2015	2016**
Cereals	552,908	548,647	648,887	624,047	638,064
of which: Wheat and spelt	143,241	154,052	173,245	157,058	163,165
Barley	65,457	76,866	89,700	93,174	91,653
Grain maize	322,611	293,348	350,583	338,712	346,211
Rapeseed	8,290	14,224	19,883	3,643	8,590
Pumpkins for oil	2,713	2,907	2,269	3,410	4,117
Hops	2,255	1,892	2,270	2,065	2,478
Potatoes	130,906	88,444	96,819	91,036	84,897
Vegetables	78,378	72,635	86,209	92,448	105,507
Green fodder from arable land	1,408,118	1,312,310	1,626,587	1,622,649	1,635,467
of which: Green maize	1,197,899	1,088,434	1,390,295	1,398,512	1,398,014
Fodder from permanent grassland	1,538,920	1,417,316	1,589,103	1,633,585	1,661,692
Fruits*	155,075	132,059	133,493	156,114	90,975
of which: Intensive orchards	101,689	87,036	84,108	102,194	58,581
of which: Apples	83,175	71,223	71,034	83,855	42,739
Wine grapes	117,882	107,058	94,209	117,586	94,780
Olives	2,201	1,528	814	1,578	1,662

Source: SORS (Crop Production), calculated by AIS

* including strawberries

** provisional data

Number of livestock (on December 1 st)					
	Ø 2004-08	Ø 2009-13	2014	2015	2016
Cattle	461,450	465,194	468,253	484,192	488,598
of which: Cows	177,184	170,296	168,316	169,875	171,339
of which: Dairy cows	119,317	110,446	107,841	112,838	107,841
Pigs	526,229	348,516	281,319	271,385	265,744
of which: Breeding sows	38,674	22,480	16,410	15,886	15,146
Sheep and goats	155,810	148,226	135,931	136,365	142,250
of which: Breeding ewes/goats	107,778	102,043	93,150	93,649	96,132

Source: SORS (Animal Production), calculated by AIS

Livestock production (t)					
	Ø 2004-08	Ø 2009-13	2014	2015	2016*
Beef & veal (live weight gain)	78,460	77,080	74,800	76,800	81,800
Pigmeat (live weight gain)	79,440	48,140	38,100	33,600	36,800
Poultrymeat (live weight gain)	76,880	83,680	84,000	82,500	89,900
Sheep and goatmeat (live weight gain)	4,079	3,497	3,506	3,355	3,395
Milk	656,213	611,290	618,526	633,822	653,172
of which: Cows milk	654,369	609,496	616,581	631,671	653,172
Eggs (mill. pieces)	285.1	353.4	340.3	391.3	386.9
Honey	1,862	1,897	471	2,047	1,298

Source: SORS (Animal Production), calculated by AIS

* provisional data

Average yields					
	Ø 2004-08	Ø 2009-13	2014	2015	2016*
Wheat and spelt (t/ha)	4.4	4.7	5.2	5.1	5.2
Grain maize (t/ha)	7.6	7.5	9.1	9.0	9.5
Rapeseed (t/ha)	2.4	2.8	3.6	2.2	2.7
Potatoes (t/ha)	22.3	23.6	26.9	27.4	26.8
Dessert apples (t/ha)	27.6	26.2	27.9	34.0	17.7
Cows milk (kg/cow)	5,506	5,518	5,717	5,598	6,057
Eggs (pieces/laying hen)	241	256	251	268	225

Source: SORS (Crop Production, Animal Production), calculated by AIS

* provisional data

Supply balances of agricultural products

Human consumption of selected agricultural products (kg/head, calendar year)					
	Ø 2004-08	Ø 2009-13	2014	2015	2016*
Cereals** (without rice)	90.8	85.3	88.6	89.9	90.2
of which: Wheat**	72.9	70.0	75.4	76.3	76.0
Potatoes	78.1	66.3	62.4	68.3	68.7
of which: Fresh potatoes	60.5	46.7	44.1	48.1	47.0
Vegetables	93.4	96.8	103.9	108.5	113.4
of which: Fresh vegetables	71.3	71.9	77.4	81.2	84.4
Fruits	132.2	131.1	131.1	134.2	122.5
of which: Fresh fruits	77.0	74.0	79.3	83.9	71.8
Wine*** (l)	38.7	37.7	37.2	43.0	:
Meat (with offal)	96.3	89.6	85.0	88.3	93.8
of which: Beef and veal	22.0	19.5	18.1	19.0	19.9
Pigmeat	43.8	39.0	36.8	37.0	40.5
Poultrymeat	24.7	26.9	27.0	28.9	30.0
Milk, total****	229.5	223.4	219.9	218.7	215.1
Eggs	7.7	10.0	9.8	11.1	10.7

Source: SORS (Supply Balance Sheets), calculated by AIS

* provisional data

** in flour equivalent

*** data from supply balances for marketing year; Ø 2004-2008 = Ø 2005-2008

**** in raw milk equivalent

Self-sufficiency in selected agricultural products (% , calendar year)					
	Ø 2004-08	Ø 2009-13	2014	2015	2016*
Cereals (without rice)	58.1	61.8	76.6	72.1	73.9
Wheat	49.5	52.8	59.0	52.1	52.6
Maize	67.3	67.3	91.0	86.9	91.3
Potatoes (fresh and processed, without starch)	69.6	58.0	67.5	58.8	54.8
Vegetables (fresh and processed)	39.3	34.4	37.8	38.8	41.7
Fruits (fresh and processed)	49.2	42.3	41.9	47.0	31.9
Wine**	97.7	94.9	84.2	91.1	:
Meat (with offal)	90.4	83.4	79.8	73.9	76.7
Beef and veal	99.1	106.5	106.3	98.6	108.0
Pigmeat	72.6	48.5	39.0	34.6	34.7
Poultrymeat	112.5	112.3	111.4	103.1	106.8
Milk, total	116.5	117.1	120.3	125.1	131.3
Eggs	96.9	93.1	90.4	93.0	94.8

Source: SORS (Supply Balance Sheets), calculated by AIS

* provisional data

** data from supply balances for marketing year; Ø 2004-2008 = Ø 2005-2008

Agricultural prices

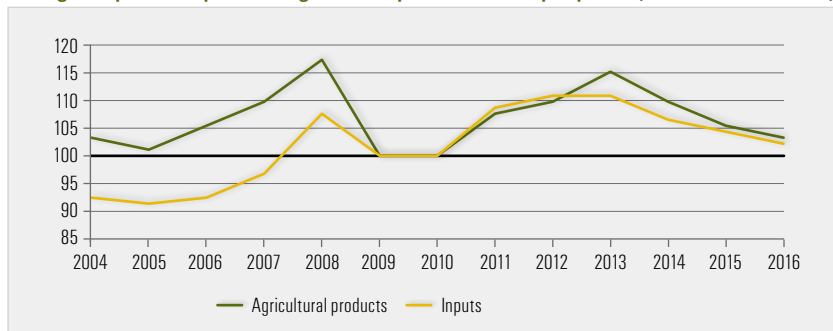
Average producer prices for selected agricultural products (EUR/kg)								
	2009	2010	2011	2012	2013	2014	2015	2016
Wheat (without seed)	0.119	0.136	0.193	0.196	0.181	0.169	0.168	0.134
Grain maize (without seed)	0.099	0.155	0.170	0.200	0.169	0.125	0.132	0.131
Rapeseed	0.255	0.273	0.422	0.450	0.358	0.307	0.364	0.327
Potatoes (without seed)	0.148	0.174	0.171	0.178	0.392	0.210	0.186	0.233
Dessert apples	0.434	0.411	0.452	0.474	0.575	0.410	0.461	0.495
Wine (EUR/l)	1.986	2.161	2.374	2.244	1.912	2.137	2.599	2.672
Bulls (live weight)	1.572	1.572	1.741	1.915	1.850	1.802	1.810	1.759
Pigs for slaughter (live weight)	1.103	1.117	1.204	1.348	1.372	1.317	1.240	1.223
Poultry for slaughter (live weight)	1.026	1.024	1.089	1.097	1.181	1.106	1.076	1.057
Cows milk	0.260	0.265	0.302	0.300	0.321	0.345	0.282	0.250
Eggs for consumption (EUR/egg)	0.091	0.094	0.096	0.105	0.110	0.109	0.106	0.105

Source: SORS (Purchase of Agricultural Products), calculated by AIS

Agricultural price changes (nominal; % change from previous year)					
	Ø 2004-08	Ø 2009-13	2014	2015	2016
Agricultural products, total	4.7	1.5	-5.1	-4.1	-2.3
Crop products	5.0	1.2	-15.7	5.5	4.0
Animals and livestock products	4.5	1.6	0.8	-8.5	-5.6
Agricultural inputs, total	7.7	2.4	-3.6	-2.8	-1.9
Consumer goods and services	9.2	2.4	-5.3	-4.8	-3.3
Investment goods and services	4.4	2.4	0.3	2.3	1.3
Terms of trade (agricultural products/inputs)	-2.8	-0.9	-1.5	-1.3	-0.4

Source: SORS (Economic Accounts for Agriculture), calculated by AIS

Changes in producer prices of agricultural products and input prices (deflated; 2010=100)



Source: SORS (Agricultural Price Statistics), calculated by AIS

Economic accounts for agriculture

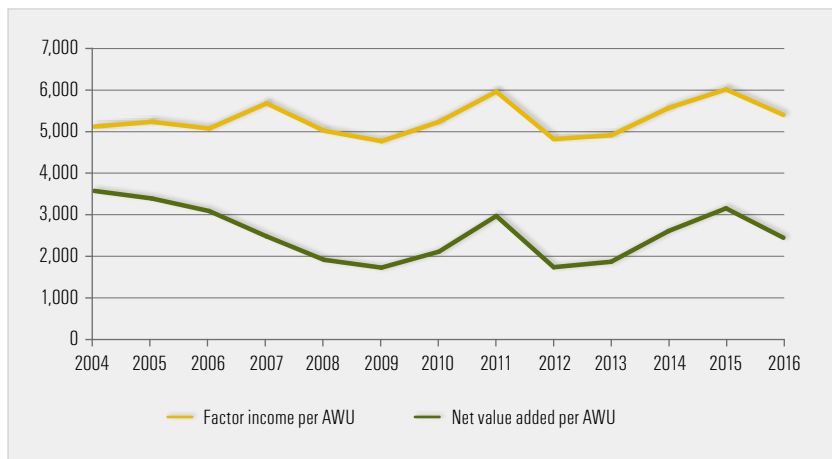
Main aggregates of economic accounts for agriculture* (at basic prices, mill. EUR)					
	Ø 2004-08	Ø 2009-13	2014	2015	2016**
Total output	1,096.2	1,140.1	1,226.4	1,263.6	1,186.9
Intermediate consumption	652.4	727.4	749.8	738.2	724.1
Gross value added	443.8	412.7	476.6	525.4	462.8
Fixed capital consumption	215.2	245.2	256.5	258.1	257.4
Net value added	228.6	167.5	220.1	267.3	205.4
Other subsidies on production	188.9	247.9	251.0	243.7	249.3
Other taxes on production	3.4	1.4	1.3	1.4	1.4
Factor income	414.2	413.9	469.7	509.7	453.4
Agricultural labour (000 AWU)	87.2	79.7	81.8	81.4	80.1
Factor income per AWU (EUR)	4,759	5,197	5,742	6,264	5,660

Source: SORS (Economic Accounts for Agriculture), calculated by AIS

* current exchange rate (until 2007)

** provisional data

Agricultural incomes per annual working unit (EUR, constant prices 2010)



Source: SORS (Economic Accounts for Agriculture), calculated by AIS

Budgetary support to agriculture

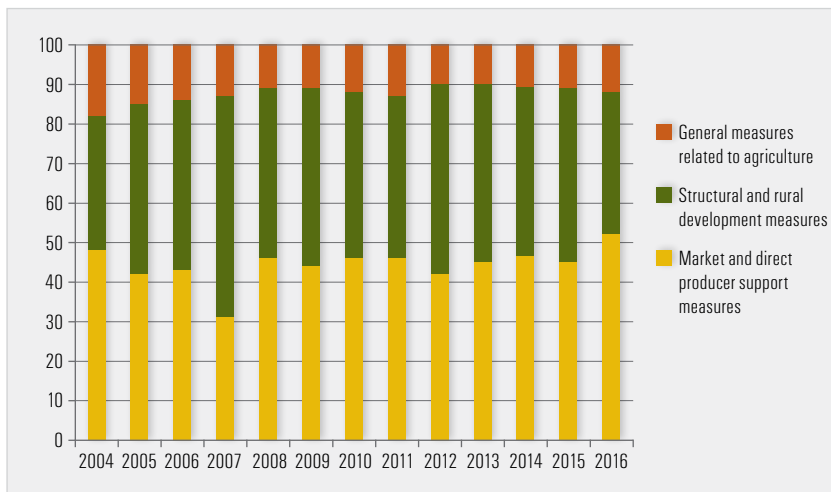
Budgetary transfers to agri-food sector by main group of measures (executed payments in calendar year, mill. EUR)					
	Ø 2004-08	Ø 2009-13	2014	2015	2016
Market and direct producer support measures	126.6	167.2	164.0	155.4	163.9
Market support	9.1	2.8	0.9	0.9	1.0
Direct payments to producers	94.5	139.9	134.2	131.7	137.4
Variable input subsidies	7.6	20.5	22.9	22.1	21.8
Disaster payments and other compensations to producers	15.4	3.9	5.9	0.6	3.7
Structural and rural developments measures	134.3	165.2	149.5	149.5	112.1
Improving the competitiveness of agriculture and related sectors	54.5	53.0	54.0	53.5	16.2
On farm investment and restructuring support	38.2	28.7	34.1	30.4	12.1
Agricultural infrastructure	2.9	5.1	9.4	8.7	1.7
Producer groups, processing, marketing and promotion	13.4	19.3	10.6	14.4	2.4
Providing ecosystem services	74.2	85.6	66.8	75.7	93.7
Payments to farmers in areas with natural constraints	40.0	46.7	27.7	35.6	60.5
Agri-environmental-climate payments	29.8	32.1	29.6	28.7	24.3
Organic farming payment	4.4	6.8	9.5	10.0	7.6
Animal welfare payments to farmers	0.0	0.0	0.0	1.4	1.2
Supporting rural economy and population	5.6	26.6	28.7	20.3	2.3
General measures related to agriculture	41.8	41.2	36.9	37.6	36.7
Research, development, advisory and expert services	22.8	22.3	18.9	18.1	18.3
Food safety and quality control	15.3	15.0	12.9	12.6	12.7
Other general support	3.7	3.9	5.1	6.9	5.6
TOTAL BUDGETARY SUPPORT TO AGRICULTURE	302.7	373.7	350.4	342.6	312.7

Source: MAFF, AKTRP, calculated by AIS

Share of co-financing of budgetary support to agriculture from the EU budget (calendar year, %)					
	Ø 2004-08	Ø 2009-13	2014	2015	2016
Market and direct producer support measures	33	63	82	86	86
Structural and rural developments measures	65	78	77	76	75
General measures related to agriculture	6	7	8	11	11
TOTAL BUDGETARY SUPPORT TO AGRICULTURE	43	63	72	73	73

Source: MAFF, AKTRP, calculated by AIS

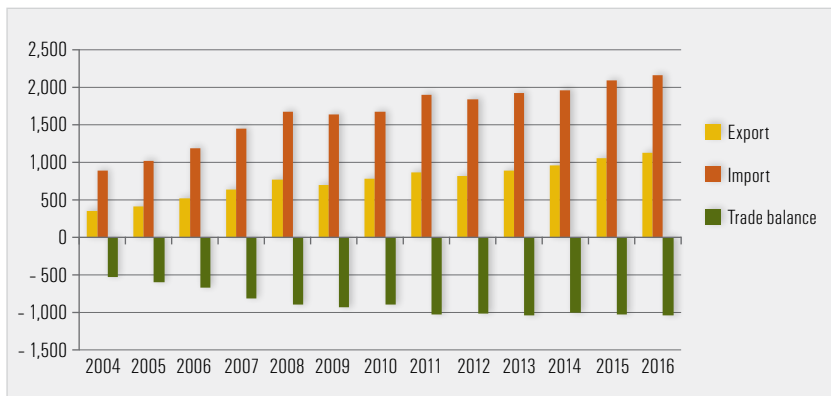
Breakdown of budgetary support to agriculture by main group of measures (calendar year, %)



Source: MAFF, AKTRP, calculated by AIS

Export and import of agri-food products

External trade with agri-food products* (mill. EUR)



Source: SORS (External Trade), calculated by AIS

* commodity groups 01-24 of Combined Nomenclature (CN) of European Union; 2016: provisional data

Composition of agri-food trade by main commodity groups*					
	Ø 2004-08	Ø 2009-13	2014	2015	2016
Export (mill. EUR)	544	816	968	1,060	1,131
Meat and meat preparations (CN 02 in CN 16) (%)	18.7	15.3	15.1	15.6	15.6
Dairy produce, eggs, natural honey (CN 04) (%)	15.8	15.3	14.8	12.8	12.5
Residues, waste from the food industries, fodder (CN 23) (%)	10.7	11.3	10.9	12.5	12.3
Miscellaneous edible preparations (CN 21) (%)	6.7	10.2	10.9	11.3	12.2
Beverages, spirits and vinegar (CN 22) (%)	13.9	10.1	10.9	10.9	10.3
Edible fruits and vegetables (CN 08 in CN 07) (%)	5.7	6.6	7.5	8.9	7.7
Other (%)	28.6	31.3	29.8	27.9	29.4
Import (mill. EUR)	1,400	1,681	1,970	2,097	2,177
Edible fruits and vegetables (CN 08 in CN 07) (%)	14.8	13.4	13.1	14.0	14.2
Meat and meat preparations (CN 02 in CN 16) (%)	11.4	12.8	13.3	13.4	13.6
Residues, waste from the food industries, fodder (CN 23) (%)	8.9	8.4	9.6	10.6	10.7
Miscellaneous edible preparations (CN 21) (%)	6.9	7.4	7.3	7.3	7.7
Dairy produce, eggs, natural honey (CN 04) (%)	6.3	6.7	7.2	7.0	7.1
Preparations of cereals, flour or starch (CN 19) (%)	5.1	7.2	7.8	7.2	6.8
Beverages, spirits and vinegar (CN 22) (%)	5.5	5.8	6.1	6.6	6.5
Other (%)	41.0	38.3	35.5	33.9	33.4

Source: SORS (External Trade), calculated by AIS

* commodity groups 01-24 of Combined Nomenclature (CN) of European Union; 2016: provisional data

Composition of agri-food trade by main trading partners*					
	Ø 2004-08	Ø 2009-13	2014	2015	2016
Export (mill. EUR)	544	816	968	1,060	1,131
Italy (%)	25.7	28.7	23.3	22.4	21.8
Croatia (%)	15.3	10.0	17.8	18.6	21.1
Austria (%)	9.2	9.8	9.5	9.7	9.4
Bosnia-Herzegovina (%)	13.1	8.3	6.9	6.6	6.1
Hungary (%)	4.3	7.9	6.3	6.5	5.0
Other (%)	32.4	35.3	36.2	36.2	36.6
Import (mill. EUR)	1,400	1,681	1,970	2,097	2,177
Italy (%)	19.0	16.5	16.1	16.2	16.5
Austria (%)	16.8	18.5	16.2	14.4	13.7
Germany (%)	11.7	13.5	15.7	14.5	13.6
Croatia (%)	5.5	5.8	8.5	10.8	12.2
Brazil (%)	3.9	4.3	5.6	6.9	6.9
Hungary (%)	9.6	8.8	7.8	6.7	6.5
Other (%)	33.5	32.5	30.1	30.3	30.7

Source: SORS (External Trade), calculated by AIS

* commodity groups 01-24 of Combined Nomenclature (CN) of European Union; 2016: provisional data

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