



# 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 tables and graphs and available up to May 31<sup>st</sup> 2016. Data sources used:

- **Statistical Office of the Republic of Slovenia** (SORS), data from the data portal SI-STAT (theme Environment and Natural Resources; field Agriculture and fisheries; <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/>), prepared by the Agricultural Institute of Slovenia (AIS) on behalf of the Ministry of Agriculture, Forestry and Food.

## Summary

In 2015, agriculture, together with hunting, forestry and fisheries contributed 2.3 % to total value added and 8.2 % to total employment. Both shares have been relatively stable in recent years.

According to Farm Structure Survey, in 2013 the utilized agricultural area (UAA) remained almost the same than in 2010 (477 thousand ha) whereas total number of agricultural holdings decreased by 3 % (to 72.4 thousand), therefore the average size of holdings increased to 6.6 ha of UAA. The improvement of size structure is due to reduction in the number of agricultural holdings in the smaller size classes and increase in the number of agricultural holdings in larger size classes. Livestock remains the most important production orientation, as 80 % of all agricultural holdings are engaged in it. The average number of livestock units (LSU) in these holdings is 6.9 LSU; in comparison with 2010 it decreased by 4 %, mainly due to a substantial decline in the number of pigs. The structural changes in the Slovenian agriculture are slower than in the other EU member states. In terms of the indicators of size and land **farm structure**, Slovenia lags behind the EU average by two to three times.

In recent years, reduction of the negative impacts of **agriculture on the environment** can be noticed: the downward trend of pesticide sales, the rational use of mineral fertilizers, the increasing share of legumes in crop rotation and the increasing area of minor agricultural plant species. Also, the agricultural area with organic farming is increasing; in 2015 to around 42 thousand ha (8.8 % of all UAA) with permanent grassland still heavily dominated in their structure (82 %).

Year 2015 was the second consecutive year favorable in terms of agricultural production. According to preliminary statistical data **the agricultural production volume** rose by 4 %, with crop production volume higher by 5 % and livestock production volume by 2 % compared to the previous year. Despite occasional unfavorable conditions, hectare yields of majority of crops and fodder from permanent grassland reached above-average levels; especially high was the harvest in orchards and vineyards. Below-average and especially low was the rapeseed yield, lower than in record year 2014 were the hectare yields of cereals and hops. The agricultural land use on agricultural holdings dropped by 1 % and the arable land by 2.2 %. In 2015, due to much smaller area and poor harvest the biggest drop in production volume was recorded for rapeseed (-82 %). The production volume of hops, potatoes and cereals decreased, whereas total harvest of oil pumpkins and soya increased significantly. Also the harvest of vegetables, fruits and wine grapes was better than in the previous year. In 2015 livestock production, the increase of production of milk, beef and veal production (live weight gain), eggs and honey was recorded. The pig meat production (live weight gain) was significantly smaller; smaller than in the previous year were also the poultry and sheep and goat meat production (live weight gain).

Following the increased production, also the domestic consumption of the majority of key agricultural commodities increased in 2015. **Per capita human consumption** was higher than in the previous year for cereals, potatoes, vegetables, fruits, meat, eggs and honey, whereas the milk consumption remained at the 2014 level. Increased consumption of meat is mainly a result of increased consumption of poultry meat (the highest ever), increased consumption of beef and veal meat and halting of downward trend of pig meat consumption. **Self-sufficiency rates**, which have fluctuated due to changes in production volumes and consumption in the recent period, were in 2015 higher than in the previous year in vegetables, fruits, milk, eggs and honey, and lower in cereals, potatoes and in all kinds of meat.

**Producer prices of agricultural products** at the aggregate level dropped for the second consecutive year. Compared to 2014 they decreased by 4.1 % (-3.6 % in real terms), but differently than in 2014 this time only the prices of livestock products decreased. Prices of crop products at the aggregate level rose by 5.5 % in 2015 compared to previous year; following the price drop in 2014 they reached the 2011 and 2012 level in real terms. The biggest growth of average producer prices were recorded for prices of hops, wine, oilseeds and fruits, whereas the price of potatoes significantly decreased for the second year. In livestock production, the average producer prices at the aggregate level were lower by 8.5 % in nominal terms, being the lowest after 2010. Significant price drop was recorded for milk price, prices decreased also for pigs, poultry and eggs, whereas price of cattle remained close to the 2014 level. In 2015, besides the aggregate drop of agricultural producer prices, also the **prices of agricultural inputs** dropped, most significantly the price of energy and feeding stuffs, while the prices of fertilizers increased significantly compared to the previous year. At the aggregate level the prices of agricultural inputs dropped less (-2.8 % in nominal terms) than the producer prices of agricultural products. Thus, the terms of trade in agriculture slightly deteriorated in 2015, but remained comparable to the levels of terms after the year 2010.

**Economic results of agriculture** at the aggregate level improved for the year 2015; according to the preliminary data of economic accounts for agriculture they reached the peak in real terms. Net value added rose by around 12 % compared to 2014, and factor income rose by around 6 %. At a similar level of total output and at the smaller intermediate consumption, the factor income in 2015 totaled to almost 520 mill. EUR or to almost 6,400 EUR per annual working unit. Income growth was, similarly to the previous year, mainly stimulated by increased volume of production and relatively favorable terms of trade.

Year 2015 brought about significant changes of **agricultural policy**. The implementation of direct payments reform started (2015–2020), Rural Development Programme (RDP) for the period 2014–2020 was ratified, the EU milk quota regime came to an end and the implementation of measures of the RDP 2007–2013 was completed.

With 2015 **direct payments** to producers are composed of the basic payment, green payment, additional payment for new entrants to Young Farmers scheme, and optional payment in the framework of Small Farmers scheme. Additionally, the agricultural holdings can apply for production coupled payments for small grain cereals, protein crops, vegetables, cattle and milk production in mountain areas. For production-coupled payments 15 % of national envelope is available (6 % before the reform). Due to the external convergence, the national envelope for direct payments, which is entirely financed from the EU budget, will gradually decrease until 2019. In 2015, the total funds of the envelope reached 138 mill. EUR (139 mill. EUR in 2014). **RDP for the period 2014–2020** means the continuation of the measures from the previous programming period, but with some new content and highlights. More emphasis is given to knowledge transfer measures, short supply chains, marketing and quality schemes for local products; the agri-environment-climate measures schemes were updated, and some new measures were introduced (animal welfare, forest rehabilitation). In the entire programming period 1,107 mill. EUR (5.8 % less than for RDP 2007–2013) is earmarked for the implementation PRP 2014–2020 measures, with 76 % to be financed from the EU budget.

Total **budgetary support to agriculture** (342.7 mill. EUR) decreased by 2 % in 2015 compared to 2014, whereas share of co-financing from the EU budget has increased to 73 %. The biggest share of budgetary support was directed to market and direct support measures (45 %) and to structural and rural development measures (44 %). The executed payments for the CAP first pillar measures decreased by 5 % compared to 2014 due to decrease in funds of envelope for direct payments in agriculture in 2014. In 2015, no bigger disaster payments were executed. Executed payments for structural and rural development measures remained at the level of the previous year; mostly they were related to the remaining commitments from the programming period 2007–2013.

The total **trade in agri-food goods** increased by 7.5 % in 2015, with the export increasing by 10.0 % and import by 6.3 %. Also, the coverage of import by export increased and trade deficit rose to 1,030 mill. EUR. Slovenia remains net value importer in most tariff groups of agri-food products. Trade surplus (in value) occurred only in the group meat preparations and live animals. Bigger deficit as in the year before was recorded for meat, fruits, fodder, vegetables and milk and dairy produce. There were no big changes in the regional structure of agri-food trade in 2015. As in previous years, most of the agri-food trade was made with the EU member states. The share of this group of countries increased with the Croatia's accession to the EU (in 2015: 76 % of export and 85 % of import), whereas the trade deficit slightly decreased.

# Key general statistics for Slovenian agriculture

	Ø 2003-07	Ø 2008-12	2013	2014	2015
<b>Agriculture in economy</b>					
Gross value added of agricultural sector* (mill. EUR)	629.0	646.7	639.4	709.5	750.4
• Share in total value added (%)	2.4	2.0	2.1	2.2	2.3
Employment in the agriculture* (000)	90.1	80.0	77.2	77.1	77.1
• Share in total employment (%)	9.6	8.3	8.4	8.3	8.2
Exports of agri-food products** (mill. EUR)	469	794	888	968	1,064
• Share in total export of goods (%)	3.1	4.1	4.1	4.2	4.4
Imports of agri-food products** (mill. EUR)	1,067	1,753	1,930	1,970	2,094
• Share in total import of goods (%)	6.5	8.4	8.7	8.7	9.0
Trade balance with agri-food products** (mill. EUR)	-598	-959	-1,043	-1,002	-1,030
<b>Agricultural land use***</b>					
Utilised agricultural area (ha)	499,554	476,284	478,888	482,218	476,862
Arable land (%)	35.1	36.4	36.4	36.3	35.9
Permanent crops (%)	5.5	5.6	5.7	5.6	5.7
Permanent grassland (%)	59.3	58.1	57.9	58.0	58.4
Share of utilised agricultural area in total area (%)	24.6	23.5	23.6	23.8	23.5
Utilised agricultural area per inhabitant (ha)	0.25	0.23	0.23	0.23	0.23

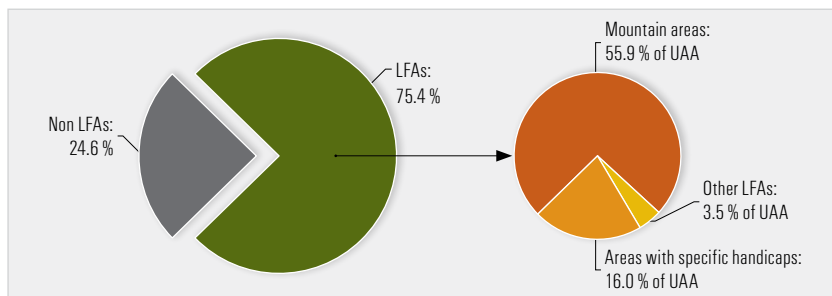
Source: SORS (National accounts, External trade, Crop production), calculated by AIS

\* agriculture, forestry, hunting and fisheries; 2015: provisional data

\*\* commodity groups 01-24 of Combined Nomenclature (CN) of European Union; 2015: provisional data

\*\*\* annual statistics of crop production

## Share of utilised agricultural area in less favoured areas (LFAs); 2015



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	2005	2010	2013	2000	2005	2010	2013
<b>Land use on agricultural holdings</b>								
Holdings, total	86,467	77,175	74,646	72,377	5.6	6.3	6.4	6.6
Holdings with arable land	80,858	71,981	63,272	68,744	2.1	2.4	2.7	2.5
Holdings with orchards and olive groves	42,727	28,870	22,161	21,994	0.3	0.4	0.5	0.5
Holdings with vineyards	35,129	27,337	26,328	26,480	0.5	0.6	0.6	0.6
Holdings with permanent grassland*	74,230	64,236	61,949	62,301	3.8	4.4	4.5	4.4
<b>Livestock on agricultural holdings</b>								
Holdings with livestock (LSU)	77,452	66,909	58,648	57,749	6.1	6.3	7.2	6.9
Holdings with cattle	56,097	43,675	36,119	34,087	8.9	10.6	13.1	13.6
Holdings with dairy cows	28,588	19,711	10,953	9,770	5.0	6.6	9.9	10.6
Holdings with other cows	19,357	17,452	20,288	18,928	2.8	3.1	3.3	3.4
Holdings with pigs	44,623	33,945	26,441	23,700	13.5	14.9	14.4	12.1
Holdings with poultry	58,929	45,512	36,240	36,657	114.2	72.4	135.2	132.5
Holdings with horses	4,634	5,128	5,948	6,029	3.1	3.8	3.8	3.6
Holdings with sheep	4,330	5,747	6,181	6,243	22.2	22.8	22.3	20.9
Holdings with goats	4,775	4,108	4,214	4,022	6.2	7.5	8.3	8.6
Holdings with rabbits	12,682	10,303	8,051	8,300	14.2	12.6	10.6	11.6
Holdings with deer	190	235	352	505	22.0	19.2	20.9	19.3

Source: SORS (Farm structure), calculated by AIS  
 \* common grassland is not included

Labour force on agricultural holdings				
	2000	2005	2010	2013
Number of persons working on agricultural holdings	256,783	207,571	208,493	200,631
Number of annual working units (AWU)	107,809	95,263	77,013	82,746
AWU/number of persons working on agricultural holdings	0.42	0.46	0.37	0.41
AWU/100 ha of utilised agricultural area	22.2	19.6	16.2	17.3
AWU/ agricultural holding	1.25	1.23	1.03	1.14
Number of holders-managers on agricultural holdings	86,336	77,042	74,425	72,176
of which: younger than 35 years (%)*	5.2	4.4	4.3	4.8
older than 65 years (%)*	32.1	34.0	30.4	25.3
with formal agricultural education (%)	5.8	6.6	8.8	11.6

Source: SORS (Farm structure), calculated by AIS  
 \* Eurostat (Farm Structure Survey), calculated by AIS

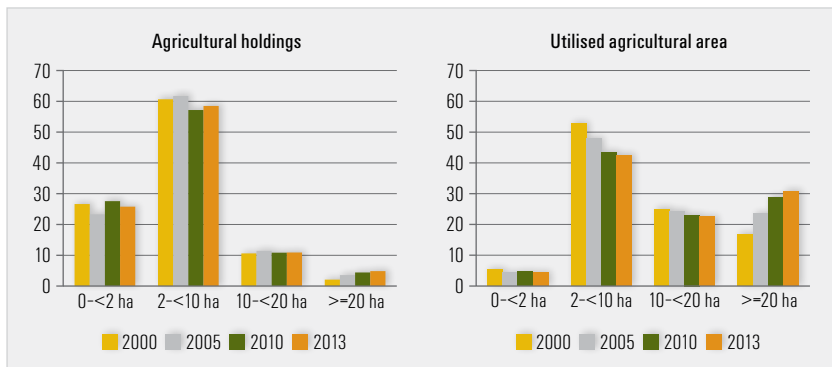


## Agricultural holdings and utilised agricultural area by size classes of utilised agricultural area

	Number of holdings				Utilised agricultural area (ha)			
	2000	2005	2010	2013	2000	2005	2010	2013
0-<2 ha	23,042	17,975	20,593	18,654	26,399	20,783	22,050	20,999
2-<5 ha	30,386	27,863	25,135	25,130	101,113	93,072	83,111	82,173
5-<10 ha	22,058	19,775	17,530	17,207	155,278	139,239	122,842	120,317
10-<20 ha	9,165	8,819	8,100	7,882	121,063	118,142	109,490	107,004
20-<30 ha	1,264	1,709	1,916	1,956	29,927	40,452	45,939	47,318
30-<50 ha	377	723	920	1,043	13,805	26,345	34,250	38,955
>=50 ha	175	311	452	506	38,294	47,399	56,750	60,258
<b>Total</b>	<b>86,467</b>	<b>77,175</b>	<b>74,646</b>	<b>72,378</b>	<b>485,879</b>	<b>485,432</b>	<b>474,432</b>	<b>477,024</b>

Source: SORS (Farm structure), calculated by AIS

## Share of agricultural holdings and utilised agricultural area by size classes of utilised agricultural area



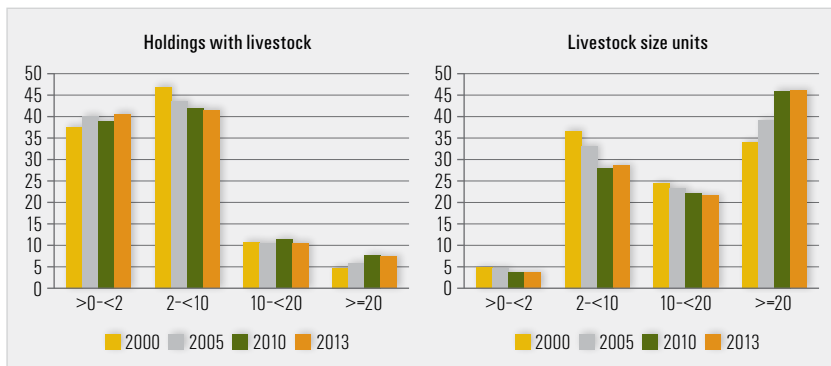
Source: SORS (Farm structure), calculated by AIS

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

	Number of holdings				Number of livestock size units			
	2000	2005	2010	2013	2000	2005	2010	2013
>0-<2	29,108	26,787	22,861	23,478	22,701	19,621	15,871	14,991
2-<5	22,160	17,691	14,598	14,731	72,585	57,921	47,809	48,094
5-<10	14,159	11,420	9,972	9,168	99,851	81,360	70,537	66,256
10-<20	8,328	7,099	6,678	6,122	114,864	98,041	93,328	86,171
20-<30	2,209	2,142	2,176	1,943	53,106	51,919	52,873	47,556
30-<50	1,037	1,213	1,510	1,426	38,026	45,141	56,908	53,928
>=50	451	557	853	880	69,365	67,584	84,227	82,353
<b>Total</b>	<b>77,452</b>	<b>66,909</b>	<b>58,648</b>	<b>57,748</b>	<b>470,498</b>	<b>421,587</b>	<b>421,553</b>	<b>399,349</b>

Source: SORS (Farm structure), calculated by AIS

## Share of agricultural holdings with livestock and livestock size units by size classes of livestock size units



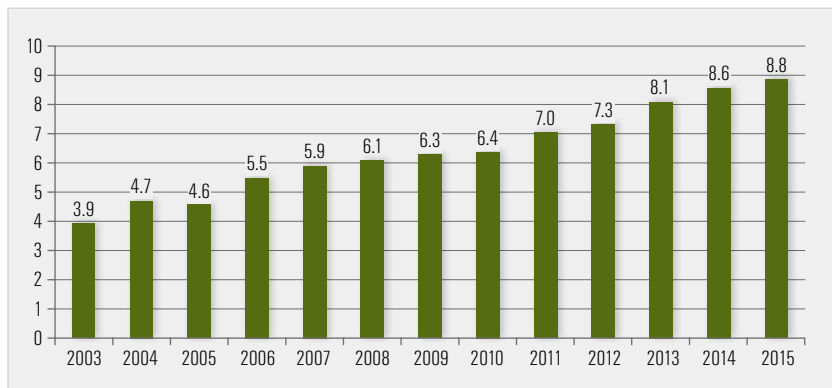
Source: SORS (Farm structure), calculated by AIS

# Agriculture and environment

Agricultural holdings and area with organic farming					
	Ø 2003-07	Ø 2008-12	2013	2014	2015
<b>Number of agricultural holdings</b>	<b>1,718</b>	<b>2,285</b>	<b>3,049</b>	<b>3,298</b>	<b>3,417</b>
• with organic farming	1,153	1,928	2,232	2,537	2,699
• in conversion to organic farming	565	357	817	761	718
<b>Utilised agricultural area (ha)</b>	<b>24,472</b>	<b>31,433</b>	<b>38,664</b>	<b>41,237</b>	<b>42,188</b>
• with organic farming	14,894	26,650	30,041	33,536	32,488
• in conversion to organic farming	5,574	4,782	8,624	7,701	9,700
<b>Area with organic farming by land use (ha)</b>					
Arable land	1,698	3,206	4,383	4,732	5,359
of which: vegetables and strawberries	99	136	233	214	281
Orchards	400	826	1,144	1,260	1,466
Vineyards	95	260	401	422	495
Olive groves	12	84	208	226	214
Nurseries	-	0	-	2	1
Permanent grassland	22,267	27,055	32,527	34,596	34,653

Source: SORS (Organic farming), MAFF (area 2003), calculated by AIS

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



Source: SORS (Organic farming), MAFF (area 2003), calculated by AIS

Indicators of arable land utilisation (%)					
	Ø 2003-07	Ø 2008-12	2013	2014	2015
Soil cover on arable land by green crops*	60.2	62.3	61.9	62.1	61.7
Share of arable land covered by grasses**	15.8	20.0	19.8	18.6	17.7
Share of legumes in crop rotation***	10.0	14.9	15.3	14.9	15.5
Share of maize in crop rotation	40.6	38.1	41.3	38.7	38.8

Source: SORS (Crop production), calculated by AIS

\* 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

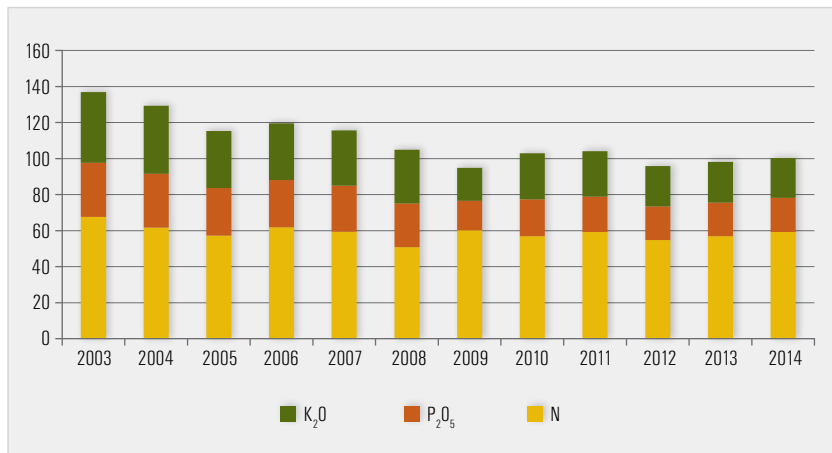
Area of minor agricultural plant species (ha)					
	Ø 2003-07	Ø 2008-12	2013	2014	2015
Spelt	161	223	380	417	635
Buckwheat	687	1,172	1,401	1,979	2,435
Sunflowers	121	285	273	252	230
Millet	418	197	169	229	491
Field peas	1,521	673	224	221	447
Soya	128	94	278	404	1,705

Source: SORS (Crop production), calculated by AIS

Mineral fertiliser use (t)				
	Ø 2003-07	Ø 2008-12	2013	2014
Mineral fertiliser use, total	157,191	129,134	130,347	136,054
Pure nutrients use, total	61,645	47,891	47,003	48,417
Nitrogen (N)	30,786	26,832	27,263	28,612
Phosphorus (P <sub>2</sub> O <sub>5</sub> )	13,783	9,479	8,900	9,141
Potassium (K <sub>2</sub> O)	17,077	11,580	10,840	10,664

Source: SORS (Consumption of fertilisers, pesticides, water, energy), calculated by AIS

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



Source: SORS (Consumption of fertilisers, pesticides, water, energy), calculated by AIS

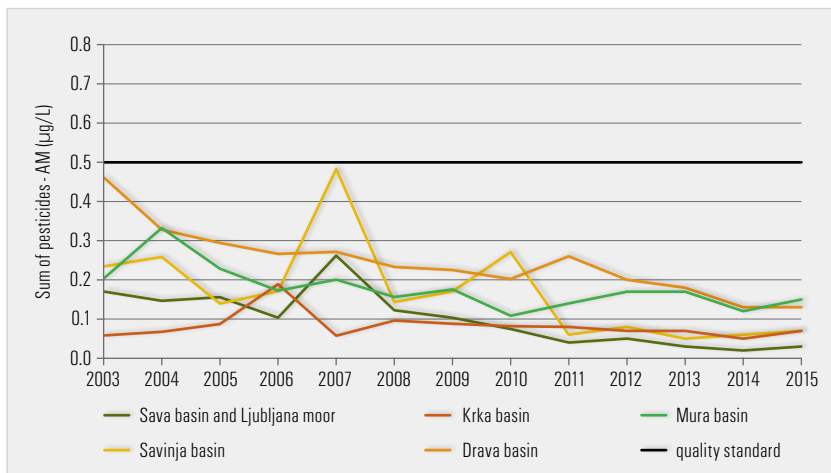
Emissions from agriculture to environment				
	Ø 2003-07	Ø 2008-12	2013	2014
Gross N surplus (kg/ha utilised agricultural area)	65	51	70	43
Net N surplus (kg/ha utilised agricultural area)	30	16	36	10
P surplus (kg/ha utilised agricultural area)	9	3	6	1
Emissions of greenhouse gases (000 t eq CO <sub>2</sub> )	1,794.0	1,714.0	1,653.0	1,699.0
Emissions of ammonia (000 t)	18.9	18.0	17.1	17.3

Vir: AIS

Pesticide sale (t active substance)				
	Ø 2003-07	Ø 2008-12	2013	2014
<b>Pesticide groups, total</b>	<b>1,354</b>	<b>1,131</b>	<b>917</b>	<b>1,010</b>
Fungicides	892	786	647	724
Herbicides	320	269	223	239
Insecticides	106	51	27	34
Other pesticides	36	25	20	13

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, 2016)

# Agricultural output

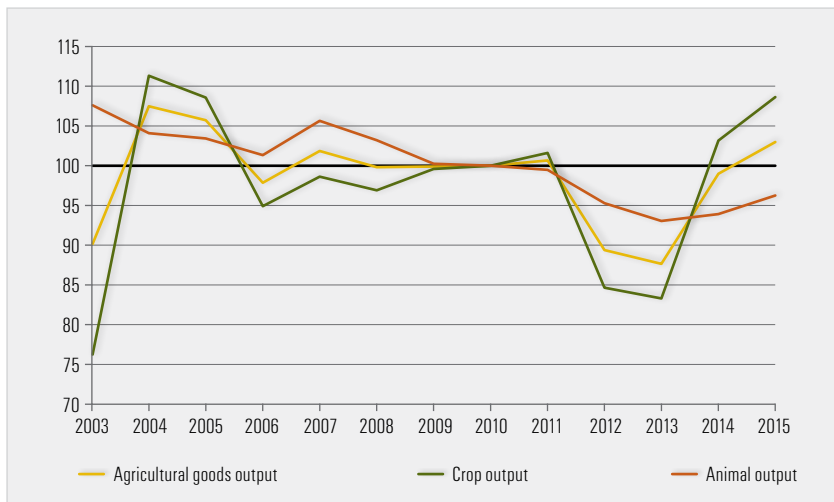
Share of individual products in agricultural output (%)					
	Ø 2003-07	Ø 2008-12	2013	2014	2015*
<b>Crop output</b>	<b>49.7</b>	<b>52.4</b>	<b>51.6</b>	<b>54.3</b>	<b>57.0</b>
Cereals	7.8	7.4	6.7	7.3	6.9
of which: Wheat and spelt	2.3	2.2	2.1	2.3	2.1
Industrial crops	2.6	2.5	1.4	2.2	2.2
of which: Oil seeds and oleaginous fruits	0.8	1.2	0.9	1.2	1.2
Forage plants	15.2	16.1	15.5	17.9	17.5
Vegetables and horticultural products	6.0	6.5	7.8	7.9	8.2
of which: Fresh vegetables	3.6	4.3	5.2	5.5	5.7
Potatoes	2.0	1.7	2.0	1.7	1.1
Fruits	5.5	6.7	8.5	7.4	8.5
Olives	0.3	0.3	0.2	0.1	0.2
Grapes	1.6	1.3	1.1	0.7	0.9
Wine	8.8	9.9	8.4	9.0	11.5
<b>Animal output</b>	<b>48.6</b>	<b>45.8</b>	<b>46.8</b>	<b>44.1</b>	<b>41.4</b>
Cattle	14.0	12.5	12.4	11.3	11.6
Pigs	8.7	5.7	4.2	4.0	3.7
Poultry	6.4	8.0	8.4	7.7	7.2
Sheep and goats	0.8	0.7	0.4	0.5	0.6
Other animals	0.4	0.4	0.4	0.4	0.4
Milk	15.4	14.6	15.7	16.2	13.6
Eggs	1.8	2.6	3.0	2.6	2.7
Other animal products	1.1	1.4	2.2	1.5	1.6
<b>Agricultural services output</b>	<b>1.7</b>	<b>1.8</b>	<b>1.7</b>	<b>1.6</b>	<b>1.6</b>
<b>AGRICULTURAL OUTPUT</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

Source: SORS (Economic accounts for agriculture), calculated by AIS  
\* provisional data

Gross agricultural output volume change (% change from previous year)					
	Ø 2003-07	Ø 2008-12	2013	2014	2015*
<b>Crop output</b>	<b>-0.6</b>	<b>-3.0</b>	<b>-1.6</b>	<b>23.9</b>	<b>5.3</b>
Cereals	-2.5	2.3	-20.9	41.2	-4.7
Oil seeds and oleaginous fruits	3.2	0.2	-21.4	38.9	-11.8
Potatoes	-3.3	-7.7	-20.9	58.2	-5.3
Fresh vegetables	2.3	0.9	0.7	20.8	2.1
Forage plants	0.9	-3.0	-9.9	38.9	1.6
Fruits	-3.1	-8.4	31.7	7.6	9.1
Grapes	1.0	-8.1	-4.7	-32.0	24.8
Wine	-0.7	-4.1	14.6	4.1	24.8
<b>Animal output</b>	<b>-0.5</b>	<b>-2.0</b>	<b>-2.4</b>	<b>0.9</b>	<b>2.5</b>
Cattle	-0.9	-0.9	-2.6	1.4	3.6
Pigs	-2.0	-11.5	-14.0	5.4	-1.9
Poultry	2.3	0.2	-3.5	4.0	-1.6
Milk	-0.7	-0.1	-3.6	3.8	3.8
<b>Agricultural goods output</b>	<b>-0.3</b>	<b>-2.6</b>	<b>-2.0</b>	<b>13.0</b>	<b>4.0</b>
Agricultural services output	-0.6	-0.5	-7.5	1.0	0.0
<b>AGRICULTURAL OUTPUT</b>	<b>-0.3</b>	<b>-2.5</b>	<b>-2.0</b>	<b>12.8</b>	<b>4.0</b>

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 2003-07	Ø 2008-12	2013	2014	2015
Cereals	98,018	99,180	98,972	99,884	98,955
of which: Wheat and spelt	32,430	33,229	31,759	33,124	30,734
Barley	16,028	18,698	17,314	18,482	20,110
Grain maize	42,649	39,619	41,857	38,331	37,743
Rapeseed	3,015	4,816	6,131	5,563	1,629
Pumpkins for oil	3,949	4,822	3,433	3,943	4,939
Hops	1,544	1,464	1,166	1,296	1,405
Potatoes	6,321	3,950	3,307	3,600	3,319
Vegetables	3,775	3,958	4,845	5,057	5,001
Green fodder from arable land	58,296	62,039	65,288	62,710	59,768
of which: Green maize	28,516	26,389	30,011	29,485	28,735
Fodder from permanent grassland	296,474	276,550	277,475	279,916	278,678
Fruits*	10,304	9,177	10,055	9,973	10,012
of which: Intensive orchards	4,454	4,043	4,023	3,942	3,964
of which: Apples	3,054	2,759	2,643	2,545	2,465
Wine grapes	16,411	16,245	16,085	16,009	15,692
Olives	836	899	925	996	1,076

Source: SORS (Crop production), calculated by AIS  
\* including strawberries

Crop production (t)					
	Ø 2003-07	Ø 2008-12	2013	2014	2015
Cereals	516,731	573,106	457,339	648,887	624,047
of which: Wheat and spelt	135,766	158,465	138,235	173,245	157,058
Barley	58,046	78,363	69,303	89,700	93,174
Grain maize	303,475	312,001	226,634	350,583	338,712
Rapeseed	7,066	13,391	15,113	19,883	3,643
Pumpkins for oil	2,955	2,954	1,588	2,269	3,410
Hops	2,092	2,108	1,227	2,270	2,065
Potatoes	132,364	96,077	62,155	96,819	91,036
Vegetables	75,601	74,019	71,273	86,209	92,448
Forage plants	1,337,288	1,373,877	1,066,651	1,626,587	1,622,649
of which: Green maize	1,151,363	1,137,087	889,991	1,390,295	1,398,512
Fodder from permanent grassland	1,419,907	1,496,839	1,174,446	1,589,103	1,633,585
Fruits*	155,753	131,754	133,865	133,493	156,114
of which: Intensive orchards	101,222	87,175	83,474	84,108	102,194
of which: Apples	82,884	71,631	69,574	71,034	83,855
Wine grapes	117,617	108,167	100,177	94,209	117,586
Olives	1,882	1,723	1,479	814	1,578

Source: SORS (Crop production), calculated by AIS  
\* including strawberries

Number of livestock (on December 1 <sup>st</sup> )					
	Ø 2003-07	Ø 2008-12	2013	2014	2015
Cattle	457,499	467,075	460,576	468,253	484,192
of which: Cows	179,167	172,331	165,785	168,316	169,875
of which: Dairy cows	122,779	111,212	109,571	107,841	112,838
Pigs	563,928	377,248	288,350	281,319	271,385
of which: Breeding sows	42,249	25,312	17,340	16,410	15,886
Sheep and goats	148,963	154,860	130,019	135,931	136,365
of which: Breeding ewes/goats	103,234	106,790	88,093	93,150	93,649

Source: SORS (Animal production), calculated by AIS

Livestock production (t)					
	Ø 2003-07	Ø 2008-12	2013	2014	2015*
Beef & veal (live weight gain)	79,220	77,480	75,200	74,800	76,800
Pigmeat (live weight gain)	83,260	55,360	36,100	38,100	33,600
Poultrymeat (live weight gain)	76,000	84,160	80,800	84,000	82,500
Sheep and goatmeat (live weight gain)	3,927	3,709	2,899	3,506	3,355
Milk	657,816	623,047	596,909	618,526	630,584
of which: Cows milk	655,963	621,133	595,496	616,581	630,584
Eggs (mill. pieces)	266.8	353.6	357.6	340.3	391.3
Honey	1,916	1,733	2,400	471	2,047

Source: SORS (Animal production), calculated by AIS

\* provisional data

Average yields					
	Ø 2003-07	Ø 2008-12	2013	2014	2015
Wheat and spelt (t/ha)	4.2	4.8	4.4	5.2	5.1
Grain maize (t/ha)	7.1	7.9	5.4	9.1	9.0
Rapeseed (t/ha)	2.3	2.8	2.5	3.6	2.2
Potatoes (t/ha)	21.0	24.4	18.8	26.9	27.4
Dessert apples (t/ha)	27.2	26.0	26.3	27.9	34.0
Cows milk (kg/cow)*	5,366	5,584	5,435	5,717	5,588
Eggs (pieces/laying hen)*	229	256	259	251	268

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

\* 2015: provisional data

# Supply balances of agricultural products

Human consumption of selected agricultural products (kg/head, calendar year)					
	Ø 2003-07	Ø 2008-12	2013	2014	2015*
Cereals** (without rice)	91.4	86.5	83.0	88.6	89.9
of which: Wheat**	73.7	70.4	68.2	75.4	76.3
Potatoes	77.1	69.9	59.6	62.4	68.0
of which: Fresh potatoes	61.2	49.8	41.3	44.1	48.2
Vegetables	89.5	97.7	96.4	103.9	108.7
of which: Fresh vegetables	68.3	73.1	71.4	77.4	81.5
Fruits	121.9	135.5	129.4	131.1	132.8
of which: Fresh fruits	76.1	73.8	74.9	79.3	82.7
Wine*** (l)	40.8	37.9	36.1	39.3	:
Meat (with offal)	96.8	92.4	82.2	85.0	88.2
of which: Beef and veal	22.5	20.1	18.6	18.1	19.0
Pigmeat	43.7	40.5	35.5	36.8	36.9
Poultrymeat	24.3	27.3	24.8	27.0	28.9
Milk, total****	228.5	226.5	218.6	219.9	219.8
Eggs	7.1	9.9	10.3	9.8	11.1

Source: SORS (Supply balance sheets), calculated by AIS

\* provisional data

\*\* in flour equivalent

\*\*\* data from supply balances for marketing year; Ø 2003-2007 = Ø 2005-2007

\*\*\*\* in raw milk equivalent

Self-sufficiency in selected agricultural products (% , calendar year)					
	Ø 2003-07	Ø 2008-12	2013	2014	2015*
Cereals (without rice)	52.9	63.6	54.7	76.6	72.6
Wheat	47.9	54.4	46.8	59.0	52.4
Maize	60.4	70.2	57.9	91.0	88.1
Potatoes (fresh and processed, without starch)	71.0	60.2	46.3	67.5	59.0
Vegetables (fresh and processed)	39.6	34.8	33.8	37.8	38.7
Fruits (fresh and processed)	52.8	41.3	42.9	41.9	47.4
Wine**	97.3	95.7	92.7	79.8	:
Meat (with offal)	91.6	85.2	81.9	79.8	74.0
Beef and veal	99.8	105.7	107.4	106.3	98.7
Pigmeat	75.9	54.7	39.6	39.0	34.6
Poultrymeat	112.8	111.4	117.4	111.4	103.1
Milk, total	116.7	116.4	118.2	120.3	124.9
Eggs	98.6	93.9	91.4	90.4	92.5

Source: SORS (Supply balance sheets), calculated by AIS

\* provisional data

\*\* data from supply balances for marketing year; Ø 2003-2007 = Ø 2005-2007

# Agricultural prices

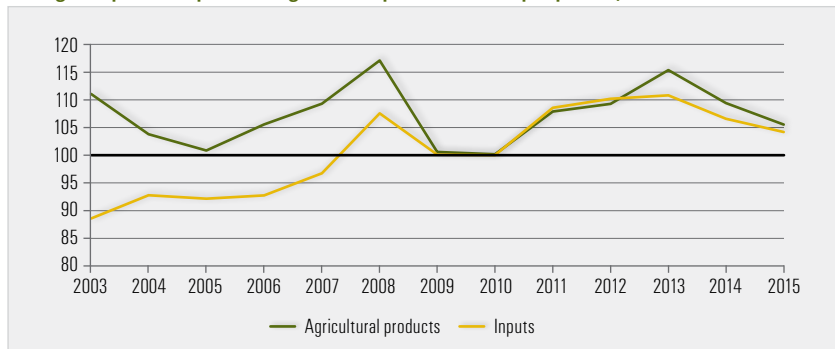
Average producer prices for selected agricultural products (EUR/kg)								
	2008	2009	2010	2011	2012	2013	2014	2015
Wheat (without seed)	0.178	0.119	0.136	0.193	0.196	0.181	0.169	0.168
Grain maize (without seed)	0.114	0.099	0.155	0.170	0.200	0.169	0.125	0.132
Rapeseed	0.381	0.255	0.273	0.422	0.450	0.358	0.307	0.364
Potatoes (without seed)	0.200	0.148	0.174	0.171	0.178	0.392	0.210	0.186
Dessert apples	0.592	0.434	0.411	0.452	0.474	0.575	0.410	0.461
Wine (EUR/l)	2.161	1.986	2.161	2.374	2.244	1.912	2.137	2.599
Bulls (live weight)	1.538	1.572	1.572	1.741	1.915	1.850	1.802	1.810
Pigs for slaughter (live weight)	1.205	1.103	1.117	1.204	1.348	1.372	1.317	1.240
Poultry for slaughter (live weight)	1.083	1.026	1.024	1.089	1.097	1.181	1.106	1.076
Cows milk	0.328	0.260	0.265	0.302	0.300	0.321	0.345	0.282
Eggs for consumption (EUR/egg)	0.090	0.091	0.094	0.096	0.105	0.110	0.109	0.106

Source: SORS (Purchase of agricultural products), calculated by AIS

Agricultural price changes (nominal; % change from previous year)						
	Ø 2003-07	Ø 2008-12	2013	2014	2015	
<b>Agricultural products, total</b>		<b>3.0</b>	<b>2.5</b>	<b>7.5</b>	<b>-5.1</b>	<b>-4.1</b>
Crop products		4.9	1.1	14.8	-15.7	5.5
Animals and livestock products		2.1	3.3	3.8	0.8	-8.5
<b>Agricultural inputs, total</b>		<b>5.2</b>	<b>5.3</b>	<b>2.3</b>	<b>-3.6</b>	<b>-2.8</b>
Consumer goods and services		5.7	6.2	2.7	-5.3	-4.8
Investment goods and services		4.1	3.1	1.8	0.3	2.3
<b>Terms of trade (agricultural products/inputs)</b>		<b>-2.0</b>	<b>-2.6</b>	<b>5.1</b>	<b>-1.5</b>	<b>-1.3</b>

Source: SORS (Economic accounts for agriculture), calculated by AIS

## Changes in producer prices of agricultural products and input prices (in real terms; 2010=100)



Source: SORS (Agricultural price statistics), calculated by AIS

# Economic accounts for agriculture

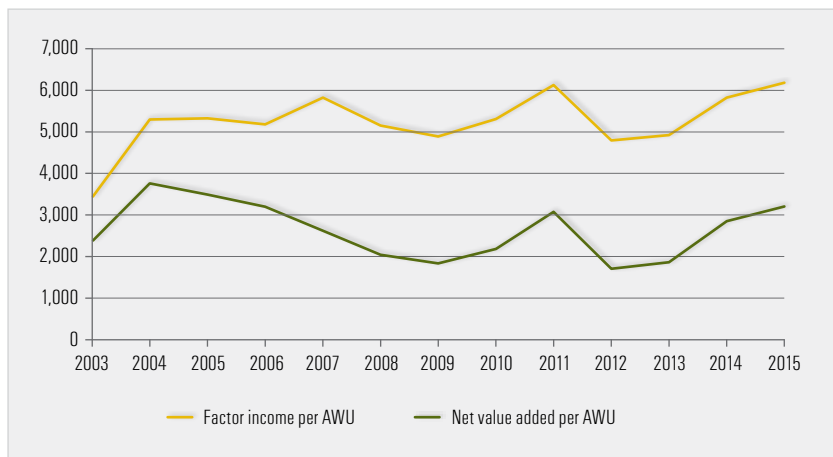
Main aggregates of economic accounts for agriculture* (at basic prices, mill. EUR)					
	Ø 2003-07	Ø 2008-12	2013	2014	2015**
Total output	1,062.4	1,147.6	1,158.6	1,249.5	1,265.4
Intermediate consumption	612.0	732.0	750.1	753.3	738.6
Gross value added	450.4	415.6	408.5	496.1	526.8
Fixed capital consumption	205.9	242.2	250.1	256.2	257.5
Net value added	244.5	173.4	158.4	239.9	269.3
Other subsidies on production	156.1	248.0	259.2	251.7	251.7
Other taxes on production	4.0	1.7	1.4	1.3	1.4
Factor income	396.6	419.7	416.1	490.3	519.7
Agricultural labour (000 AWU)	89.7	79.8	82.8	81.8	81.4
Factor income per AWU (EUR)	4,455	5,264	5,029	5,994	6,385

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

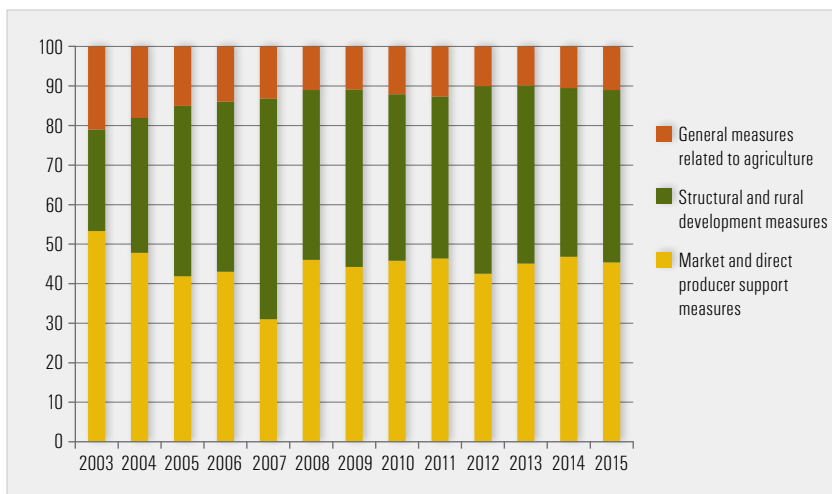
Budgetary transfers to agri-food sector by main group of measures (executed payments in calendar year, mill. EUR)					
	Ø 2003-07	Ø 2008-12	2013	2014	2015
<b>Market and direct producer support measures</b>	<b>110.4</b>	<b>170.1</b>	<b>169.4</b>	<b>164.1</b>	<b>155.6</b>
Market support	14.7	2.7	3.7	0.9	0.9
Direct payments to producers	76.4	140.1	137.9	134.2	131.7
Variable input subsidies	5.6	18.8	21.3	22.9	22.1
Disaster payments and other compensations to producers	13.6	8.5	6.5	6.1	0.8
<b>Structural and rural development measures</b>	<b>109.9</b>	<b>165.6</b>	<b>169.0</b>	<b>149.5</b>	<b>149.5</b>
<b>Improving the environment and the countryside</b>	<b>57.5</b>	<b>90.6</b>	<b>85.5</b>	<b>66.8</b>	<b>75.7</b>
Payments to farmers in areas with handicaps (LFAs)	29.8	51.3	47.0	27.7	35.6
Agri-environmental payments to farmers	27.8	39.3	38.5	39.1	38.7
Animal welfare payments to farmers	-	-	-	-	1.4
<b>Improving the competitiveness of the agricultural sector</b>	<b>47.6</b>	<b>57.7</b>	<b>61.2</b>	<b>57.1</b>	<b>55.1</b>
On farm restructuring support	34.5	27.3	33.0	34.1	30.4
General support to agricultural sector	2.3	4.6	6.9	9.4	8.7
Food processing support, marketing and promotion	10.2	22.1	17.8	12.6	15.6
Forestry support	0.6	3.7	3.5	1.1	0.4
<b>Supporting rural economy and population</b>	<b>4.8</b>	<b>17.3</b>	<b>22.4</b>	<b>25.6</b>	<b>18.7</b>
<b>General measures related to agriculture</b>	<b>41.0</b>	<b>42.6</b>	<b>37.0</b>	<b>36.9</b>	<b>37.6</b>
Research, development, advisory and expert services	22.3	23.3	18.9	18.9	18.1
Food safety and quality control	15.0	15.8	12.7	12.9	12.6
Other general support	3.8	3.4	5.4	5.1	6.9
<b>TOTAL BUDGETARY SUPPORT TO AGRICULTURE</b>	<b>261.3</b>	<b>378.3</b>	<b>375.4</b>	<b>350.5</b>	<b>342.7</b>

Source: MAFF, AKTRP, calculated by AIS

Share of co-financing of budgetary support to agriculture from the EU budget (calendar year, %)					
	Ø 2003-07	Ø 2008-12	2013	2014	2015
Market and direct producer support measures	25	55	78	82	85
Structural and rural development measures	58	78	78	77	76
General measures related to agriculture	6	6	9	8	11
<b>TOTAL BUDGETARY SUPPORT TO AGRICULTURE</b>	<b>36</b>	<b>60</b>	<b>71</b>	<b>72</b>	<b>73</b>

Source: MAFF, AKTRP, calculated by AIS

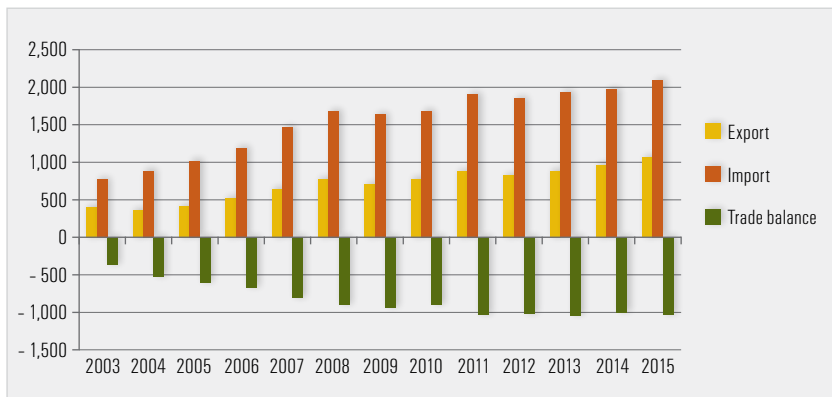
## Breakdown of budgetary support to agriculture by main group of measures (calendar year, %)



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; 2015: provisional data

Composition of agri-food trade by main commodity groups*					
	Ø 2003-07	Ø 2008-12	2013	2014	2015
<b>EXPORT (mill. EUR)</b>	<b>469</b>	<b>794</b>	<b>888</b>	<b>968</b>	<b>1,064</b>
Meat and meat preparations (CN 02 in CN 16) (%)	19.5	15.0	15.8	15.1	15.6
Dairy produce, eggs, natural honey (CN 04) (%)	15.0	15.3	16.0	14.8	12.8
Residues, waste from the food industries, fodder (CN 23) (%)	8.7	12.1	9.3	10.9	12.5
Miscellaneous edible preparations (CN 21) (%)	6.2	9.6	11.4	10.9	11.3
Beverages, spirits and vinegar (CN 22) (%)	18.2	9.8	10.5	10.9	10.6
Edible fruits and vegetables (CN 08 in CN 07) (%)	4.6	7.1	5.4	7.5	9.2
Other (%)	27.8	31.1	31.7	29.8	28.1
<b>IMPORT (mill. EUR)</b>	<b>1,400</b>	<b>1,681</b>	<b>1,930</b>	<b>1,970</b>	<b>2,094</b>
Edible fruits and vegetables (CN 08 in CN 07) (%)	15.1	13.6	13.5	13.1	14.1
Meat and meat preparations (CN 02 in CN 16) (%)	10.7	12.5	13.2	13.3	13.4
Residues, waste from the food industries, fodder (CN 23) (%)	8.6	8.6	8.4	9.6	10.6
Miscellaneous edible preparations (CN 21) (%)	7.1	7.3	7.6	7.3	7.3
Dairy produce, eggs, natural honey (CN 04) (%)	4.3	6.9	7.9	7.8	7.2
Preparations of cereals, flour or starch (CN 19) (%)	6.5	6.5	7.1	7.2	7.0
Beverages, spirits and vinegar (CN 22) (%)	5.2	5.9	5.6	6.1	6.5
Other (%)	42.4	38.8	36.7	35.5	34.0

Source: SORS (External trade), calculated by AIS

\* commodity groups 01-24 of Combined Nomenclature (CN) of European Union; 2015: provisional data

Composition of agri-food trade by main trading partners*					
	Ø 2003-07	Ø 2008-12	2013	2014	2015
<b>EXPORT (mill. EUR)</b>	<b>469</b>	<b>794</b>	<b>888</b>	<b>968</b>	<b>1,064</b>
Italy (%)	22.0	30.0	26.0	23.3	22.5
Croatia (%)	17.0	9.8	12.0	17.8	18.6
Austria (%)	8.1	9.5	10.0	9.5	9.7
Bosnia-Herzegovina (%)	16.7	8.6	7.5	6.9	6.6
Hungary (%)	3.6	7.4	7.2	6.3	6.5
Other (%)	32.6	34.8	37.3	36.2	36.2
<b>IMPORT (mill. EUR)</b>	<b>1,400</b>	<b>1,681</b>	<b>1,930</b>	<b>1,970</b>	<b>2,094</b>
Italy (%)	18.5	16.7	16.0	16.1	16.2
Germany (%)	11.5	12.8	15.0	15.7	14.5
Austria (%)	14.9	18.8	18.1	16.2	14.4
Croatia (%)	5.8	5.8	6.1	8.5	10.9
Brazil (%)	4.1	4.3	4.1	5.6	6.9
Hungary (%)	10.3	8.4	9.6	7.8	6.7
Other (%)	34.8	33.2	31.2	30.1	30.3

Source: SORS (External trade), calculated by AIS

\* commodity groups 01-24 of Combined Nomenclature (CN) of European Union; 2015: provisional data



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