



Slovenian Agriculture in Numbers

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 2014. 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 and Environment** (MAE),
- **Agency for Agricultural Markets and Rural Development** (ARSKTRP),
- **Slovenian Environment Agency** (ARSO),
- **Administration of the Republic of Slovenia for Food Safety, Veterinary Sector and Plant Protection** (AFSVPP),
- **EUROSTAT** (<http://epp.eurostat.ec.europa.eu/portal/page/portal/agriculture/data/database>).

More data is available in the Reports on the state of Slovenian agriculture, food, forestry and fisheries, prepared by the Agricultural Institute of Slovenia (AIS) on behalf of the Ministry of Agriculture and Environment (<http://www.kis.si>).

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Key general statistics for Slovenian agriculture

| | Ø 2000-04 | Ø 2005-09 | 2010 | 2011 | 2012 | 2013 |
|---|-----------|-----------|---------|---------|---------|---------|
| Agriculture in economy | | | | | | |
| Gross value added of agricultural sector ¹ (mill. EUR) | 625.1 | 712.1 | 769.9 | 876.9 | 827.0 | 885.2 |
| • Share in total value added (%) | 2.9 | 2.4 | 2.5 | 2.8 | 2.7 | 2.9 |
| Employment in the agriculture ¹ (000) | 100.0 | 86.3 | 80.9 | 78.9 | 78.2 | 77.1 |
| • Share in total employment (%) | 10.8 | 8.9 | 8.4 | 8.3 | 8.3 | 8.4 |
| Exports of agri-food products ² (mill. EUR) | 382 | 614 | 781 | 875 | 827 | 857 |
| • Share in total export of goods (%) | 3.5 | 3.5 | 4.2 | 4.2 | 3.9 | 4.0 |
| Imports of agri-food products ² (mill. EUR) | 774 | 1,400 | 1,681 | 1,906 | 1,851 | 1,915 |
| • Share in total import of goods (%) | 6.4 | 7.3 | 8.4 | 8.4 | 8.4 | 8.6 |
| Trade balance with agri-food products ² (mill. EUR) | -391 | -786 | -900 | -1,031 | -1,024 | -1,057 |
| Agricultural land use³ | | | | | | |
| Utilised agricultural area (ha) | 504,855 | 491,693 | 482,653 | 458,195 | 479,654 | 478,888 |
| Arable land (%) | 34.1 | 36.0 | 35.3 | 36.8 | 35.8 | 36.4 |
| Permanent crops (%) | 5.8 | 5.4 | 5.6 | 5.9 | 5.6 | 5.7 |
| Permanent grassland (%) | 60.1 | 58.6 | 59.2 | 57.3 | 58.6 | 57.9 |
| Share of utilised agricultural area in total area (%) | 24.9 | 24.3 | 23.8 | 22.6 | 23.7 | 23.6 |
| Utilised agricultural area per inhabitant (ha) | 0.25 | 0.24 | 0.24 | 0.22 | 0.23 | 0.23 |

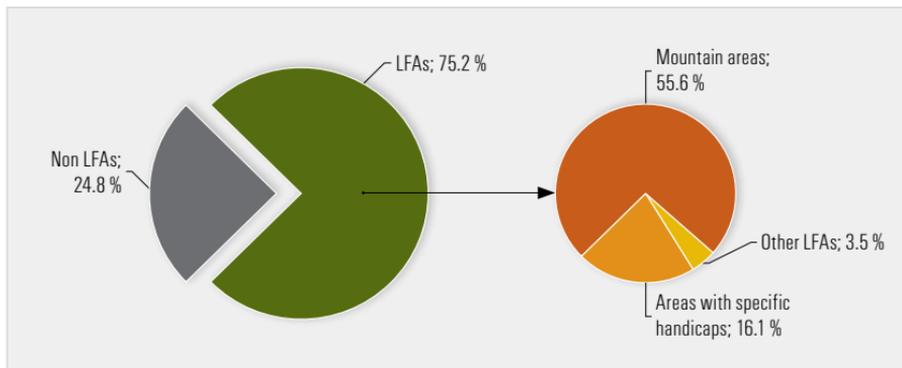
Source: SORS (National accounts, External trade, Crop production), calculated by AIS

¹ agriculture, forestry, hunting and fishing

² commodity groups 01-24 of Combined Nomenclature (CN) of European Union; 2013: provisional data

³ annual statistics of crop production

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



Source: MAE (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 |
| Land use on agricultural holdings | | | | | | | | |
| 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 ¹ | 74,230 | 64,236 | 61,949 | 62,301 | 3.8 | 4.4 | 4.5 | 4.4 |
| Livestock on agricultural holdings | | | | | | | | |
| 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

¹ 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 (%) ¹ | 5.2 | 4.4 | 4.4 | : |
| older than 65 years (%) ¹ | 32.1 | 34.0 | 30.5 | : |
| with formal agricultural education (%) | 5.8 | 6.6 | 8.8 | 11.6 |

Source: SORS (Farm structure), calculated by AIS

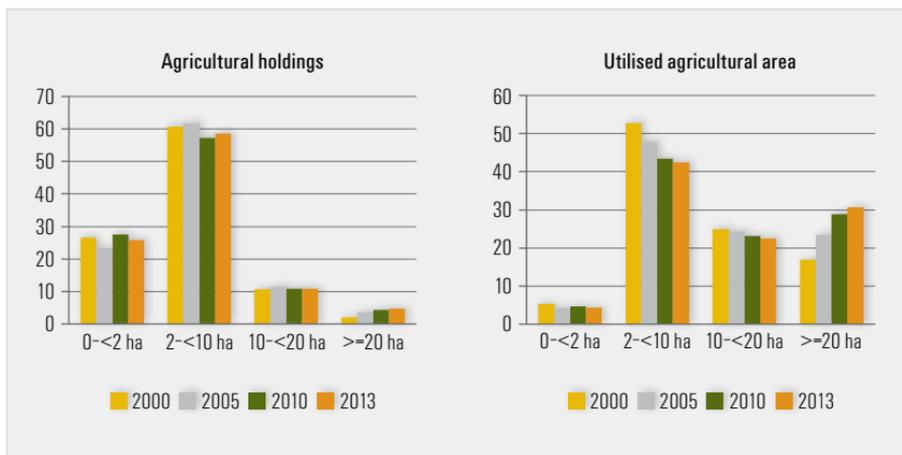
¹ calculated from EUROSTAT data (Farm structure survey)

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 |
| Total | 86,467 | 77,175 | 74,646 | 72,378 | 485,879 | 485,432 | 474,432 | 477,024 |

Source: SORS (Farm structure), calculated by AIS

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



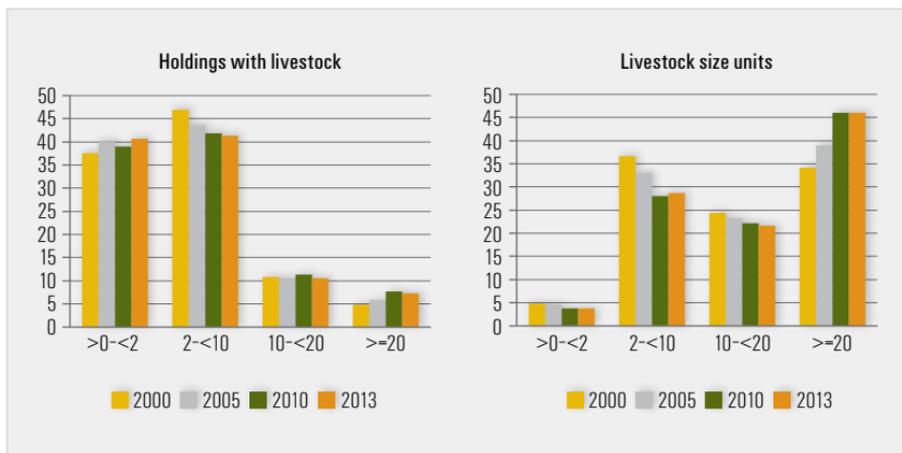
Source: SORS (Farm structure), calculated by AIS

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 |
| Total | 77,452 | 66,909 | 58,648 | 57,748 | 470,498 | 421,587 | 421,553 | 399,349 |

Source: SORS (Farm structure), calculated by AIS

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

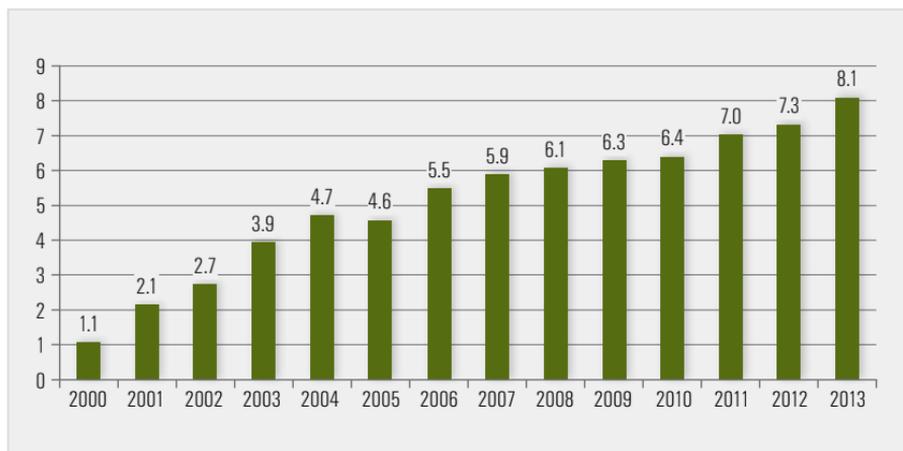


Source: SORS (Farm structure), calculated by AIS

| Agricultural holdings and area with organic farming | | | | | | |
|---|---------------|---------------|---------------|---------------|---------------|---------------|
| | Ø 2001-04 | Ø 2005-09 | 2010 | 2011 | 2012 | 2013 |
| Number of agricultural holdings | 1,289 | 1,951 | 2,218 | 2,363 | 2,682 | 3,049 |
| • with organic farming | 569 | 1,573 | 1,897 | 1,999 | 2,104 | 2,232 |
| • in conversion to organic farming | 720 | 378 | 321 | 364 | 578 | 817 |
| Utilised agricultural area (ha) | 16,923 | 27,709 | 30,689 | 32,149 | 35,101 | 38,664 |
| • with organic farming | : | 22,329 | 25,056 | 27,448 | 28,807 | 30,040 |
| • in conversion to organic farming | : | 5,381 | 5,632 | 4,700 | 6,294 | 8,624 |
| Area with organic farming by land use (ha) | | | | | | |
| Arable land | 1,180 | 2,186 | 3,330 | 3,384 | 3,787 | 4,383 |
| of which: vegetables and strawberries | 62 | 114 | 122 | 151 | 184 | 233 |
| Orchards | 139 | 611 | 793 | 855 | 988 | 1,144 |
| Vineyards | 52 | 154 | 297 | 287 | 324 | 401 |
| Olive groves | 1 | 24 | 77 | 92 | 185 | 208 |
| Nurseries | 0 | - | 2 | - | 2 | - |
| Permanent grassland | 15,552 | 24,733 | 26,190 | 27,531 | 29,814 | 32,527 |

Source: SORS (Organic farming), MAE (area 2001-2003), calculated by AIS

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



Source: SORS (Organic farming), MAE (area 2001-2003), calculated by AIS

| Indicators of arable land utilisation (%) | | | | | | |
|---|-----------|-----------|------|------|------|------|
| | Ø 2000-04 | Ø 2005-09 | 2010 | 2011 | 2012 | 2013 |
| Soil cover on arable land by green crops ¹ | 59.7 | 61.2 | 62.6 | 62.1 | 62.3 | 62.0 |
| Share of arable land covered by grasses | 13.5 | 17.8 | 20.9 | 20.3 | 19.2 | 19.8 |
| Share of legumes in crop rotation | 6.0 | 12.4 | 15.2 | 16.1 | 14.8 | 15.3 |
| Share of maize in crop rotation | 42.3 | 38.8 | 36.6 | 39.2 | 38.8 | 41.3 |

Source: SORS (Crop production), calculated by AIS

¹ soil cover which is based on seeding structure of main crops (stubble crops not taken into account)

| Area of minor agricultural plant species (ha) | | | | | | |
|---|------------------|-----------|-------|-------|-------|-------|
| | Ø 2000-04 | Ø 2005-09 | 2010 | 2011 | 2012 | 2013 |
| Spelt | 134 ¹ | 182 | 232 | 225 | 287 | 380 |
| Buckwheat | 762 | 794 | 1,198 | 1,180 | 1,676 | 1,401 |
| Sunflowers | 46 | 185 | 203 | 374 | 367 | 273 |
| Millet | 322 | 304 | 199 | 203 | 199 | 169 |
| Fodder peas | 208 | 1,737 | 513 | 621 | 370 | 224 |
| Soya | 50 | 128 | 109 | 107 | 140 | 278 |

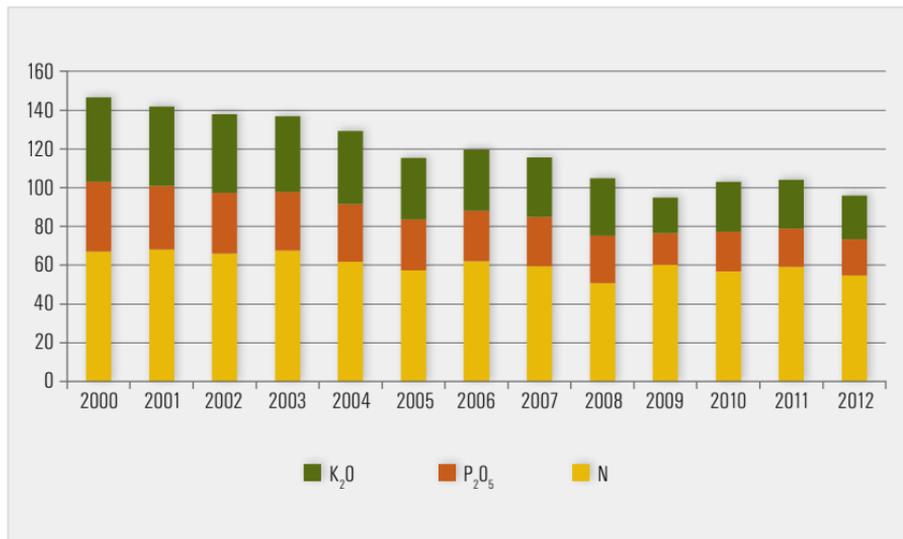
Source: SORS (Crop production), calculated by AIS

¹ Ø 2003-04

| Mineral fertiliser use (t) | | | | | |
|---|----------------|----------------|----------------|----------------|----------------|
| | Ø 2000-04 | Ø 2005-09 | 2010 | 2011 | 2012 |
| Mineral fertiliser use, total | 173,668 | 139,966 | 131,855 | 131,304 | 128,364 |
| Pure nutrients use, total | 69,996 | 54,201 | 49,694 | 47,691 | 45,995 |
| Nitrogen (N) | 33,420 | 28,481 | 27,486 | 27,134 | 26,300 |
| Phosphorus (P ₂ O ₅) | 16,101 | 11,711 | 9,901 | 9,012 | 8,891 |
| Potassium (K ₂ O) | 20,475 | 14,010 | 12,307 | 11,545 | 10,804 |

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

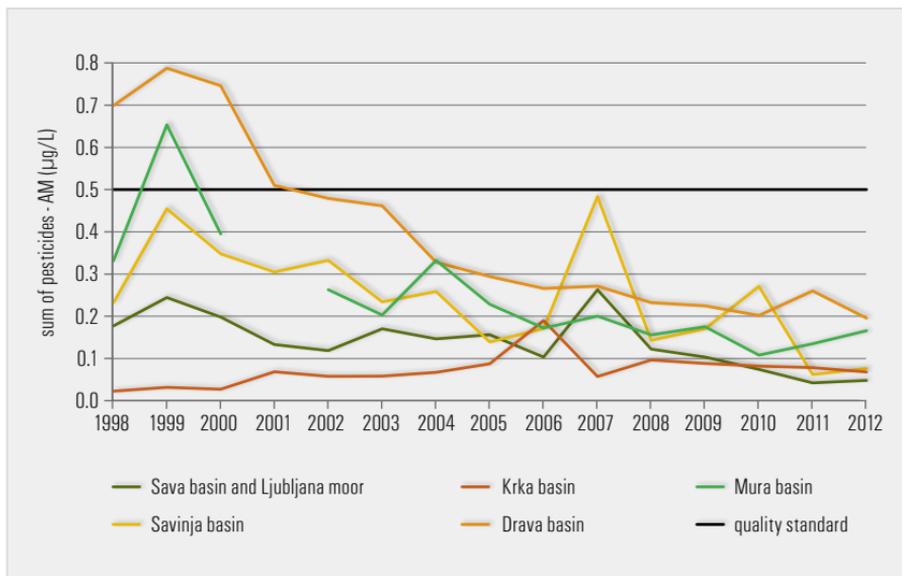
| | Ø 2000-04 | Ø 2005-09 | 2010 | 2011 | 2012 |
|---|-----------|-----------|-------|-------|-------|
| Gross N surplus (kg/ha utilised agricultural area) | 79 | 57 | 48 | 53 | 59 |
| Net N surplus (kg/ha utilised agricultural area) | 44 | 23 | 14 | 19 | 27 |
| Emissions of greenhouse gases (000 t eq CO ₂) | 2,097 | 2,011 | 1,957 | 1,903 | 1,871 |
| Emissions of ammonia (000 t) | 19.3 | 18.4 | 17.8 | 17.2 | 16.9 |

Source: AIS

| Sale of plant protection products (t of active substance) | | | | | | |
|---|----------------|----------------|----------------|----------------|----------------|--------------|
| | Ø 2000-04 | Ø 2005-09 | 2010 | 2011 | 2012 | 2013 |
| Pesticide groups, total | 1,446.0 | 1,246.2 | 1,134.4 | 1,167.1 | 1,058.3 | 948.8 |
| Fungicides | 933.9 | 823.1 | 789.3 | 796.6 | 699.8 | 646.1 |
| Herbicides | 356.5 | 309.6 | 253.8 | 284.9 | 279.6 | 232.0 |
| Insecticides | 101.4 | 85.0 | 61.8 | 57.0 | 53.1 | 44.3 |
| Other pesticides | 54.2 | 28.5 | 29.4 | 28.7 | 25.9 | 26.3 |

Source: AFSVPP, calculated by AIS

Annual arithmetic mean values (AM) of the total amount of pesticides in groundwater bodies with alluvial aquifers



Source: ARSO (Standardised database for water quality monitoring, 2013)

Agricultural output

| Share of individual products in agricultural output (%) | | | | | | |
|---|--------------|--------------|--------------|--------------|--------------|-------------------|
| | Ø 2000-04 | Ø 2005-09 | 2010 | 2011 | 2012 | 2013 ¹ |
| Crop output | 47.6 | 50.8 | 53.4 | 54.8 | 51.6 | 52.4 |
| Cereals | 7.9 | 7.1 | 7.2 | 8.6 | 9.5 | 6.7 |
| of which: Wheat and spelt | 2.9 | 2.1 | 1.8 | 2.4 | 3.2 | 2.1 |
| Industrial crops | 2.3 | 2.8 | 2.3 | 2.2 | 1.9 | 1.3 |
| of which: Oil seeds and oleaginous fruits | 0.6 | 0.8 | 1.5 | 1.5 | 1.3 | 0.9 |
| Potatoes | 1.9 | 2.0 | 1.9 | 1.6 | 1.4 | 2.3 |
| Vegetables and horticultural products | 5.5 | 6.6 | 5.9 | 5.8 | 6.6 | 6.6 |
| of which: Fresh vegetables | 3.2 | 4.1 | 3.8 | 4.0 | 4.4 | 4.6 |
| Forage plants | 14.6 | 15.3 | 16.7 | 16.6 | 16.8 | 17.2 |
| Fruits | 5.2 | 6.1 | 7.3 | 7.1 | 5.6 | 8.3 |
| Olives | 0.3 | 0.3 | 0.4 | 0.2 | 0.1 | 0.1 |
| Grapes | 1.9 | 1.6 | 1.3 | 1.2 | 1.2 | 1.3 |
| Wine | 8.0 | 9.1 | 10.5 | 11.6 | 8.6 | 8.5 |
| Animal output | 50.8 | 47.4 | 44.8 | 43.6 | 46.6 | 45.9 |
| Cattle | 13.9 | 13.2 | 12.4 | 12.5 | 13.4 | 12.5 |
| Pigs | 9.9 | 7.7 | 5.5 | 4.7 | 4.9 | 4.5 |
| Poultry | 6.5 | 7.0 | 8.1 | 7.4 | 8.2 | 8.4 |
| Sheep and goats | 0.8 | 0.8 | 0.7 | 0.5 | 0.6 | 0.5 |
| Other animals | 0.5 | 0.4 | 0.4 | 0.3 | 0.4 | 0.4 |
| Milk | 16.0 | 15.2 | 13.7 | 14.0 | 15.3 | 15.6 |
| Eggs | 2.1 | 2.1 | 2.7 | 2.5 | 2.6 | 2.6 |
| Other animal products | 1.1 | 1.0 | 1.2 | 1.6 | 1.2 | 1.3 |
| Agricultural services output | 1.6 | 1.8 | 1.9 | 1.6 | 1.8 | 1.8 |
| AGRICULTURAL OUTPUT | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

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

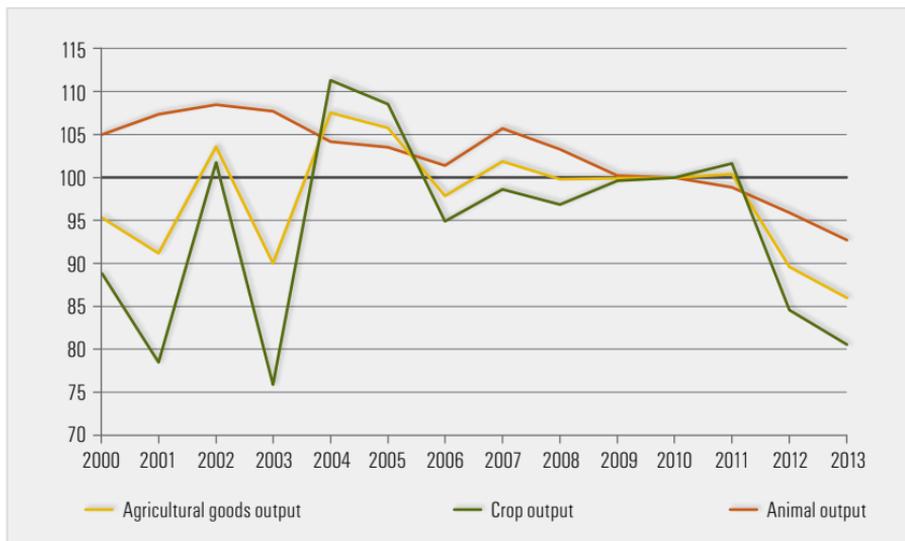
¹ provisional data

| Gross agricultural output volume change (% change from previous year) | | | | | | |
|---|------------|-------------|-------------|-------------|--------------|-------------------|
| | Ø 2000-04 | Ø 2005-09 | 2010 | 2011 | 2012 | 2013 ¹ |
| Crop output | 4.7 | -2.2 | 0.4 | 1.6 | -16.8 | -4.7 |
| Cereals | 3.9 | -1.2 | 7.4 | 8.2 | -4.6 | -18.9 |
| Oil seeds and oleaginous fruits | 8.3 | 2.6 | 56.1 | 0.8 | -22.9 | -25.7 |
| Potatoes | -0.8 | -8.5 | 14.4 | -4.2 | -18.5 | -19.4 |
| Fresh vegetables | 4.8 | -1.6 | -30.1 | 28.4 | -9.4 | -14.7 |
| Forage plants | 2.0 | 0.4 | 3.1 | -7.0 | -12.9 | -12.1 |
| Fruits | 7.2 | -7.5 | 16.8 | -10.1 | -31.2 | 26.8 |
| Grapes | -7.0 | 0.5 | -11.9 | 9.2 | -17.4 | 13.0 |
| Wine | 16.5 | -5.1 | 0.8 | 12.2 | -26.6 | 13.0 |
| Animal output | 0.2 | -0.8 | -0.2 | -1.2 | -3.0 | -3.3 |
| Cattle | -0.4 | -1.3 | 0.3 | 2.1 | -1.3 | -2.9 |
| Pigs | 0.3 | -7.3 | -4.4 | -11.3 | -14.4 | -7.5 |
| Poultry | 0.0 | 3.1 | 1.2 | -4.9 | 1.9 | -2.3 |
| Milk | 0.7 | -0.1 | 0.7 | -0.4 | 2.7 | -3.2 |
| Agricultural goods output | 2.7 | -1.5 | 0.1 | 0.4 | -10.7 | -4.1 |
| Agricultural services output | -2.5 | -1.2 | -0.1 | -2.8 | 0.0 | 0.0 |
| AGRICULTURAL OUTPUT | 2.6 | -1.5 | 0.1 | 0.3 | -10.5 | -4.0 |

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

¹ provisional data

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



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

| Crop area (000 ha) | | | | | | |
|---------------------------------|-----------|-----------|-------|-------|-------|-------|
| | Ø 2000-04 | Ø 2005-09 | 2010 | 2011 | 2012 | 2013 |
| Cereals | 101.1 | 99.5 | 94.8 | 95.0 | 99.7 | 99.0 |
| of which: Wheat and spelt | 36.3 | 32.8 | 31.9 | 29.7 | 34.6 | 31.8 |
| Barley | 13.1 | 18.1 | 18.7 | 17.5 | 18.0 | 17.3 |
| Grain maize | 46.2 | 41.1 | 36.4 | 40.2 | 39.2 | 41.9 |
| Oil turniprape | 1.5 | 3.9 | 5.3 | 4.8 | 5.1 | 6.1 |
| Pumpkins for oil | 3.0 | 4.0 | 6.1 | 5.7 | 4.5 | 3.4 |
| Hops | 1.7 | 1.6 | 1.5 | 1.4 | 1.2 | 1.2 |
| Potatoes | 7.5 | 5.3 | 4.1 | 3.6 | 3.4 | 3.3 |
| Vegetables | 3.5 | 4.0 | 2.8 | 4.0 | 4.4 | 4.8 |
| Forage plants | 55.1 | 62.9 | 63.7 | 62.6 | 62.8 | 66.6 |
| of which: Fodder maize | 26.5 | 27.6 | 25.9 | 26.0 | 27.4 | 30.0 |
| Fodder from permanent grassland | 303.5 | 288.1 | 285.7 | 262.6 | 281.2 | 277.5 |
| Fruits ¹ | 11.9 | 9.4 | 9.3 | 9.3 | 9.3 | 10.1 |
| of which: Intensive orchards | 4.6 | 4.3 | 4.0 | 4.1 | 4.0 | 4.0 |
| of which: Apples | 3.1 | 2.9 | 2.8 | 2.7 | 2.7 | 2.6 |
| Wine grapes | 16.6 | 16.2 | 16.4 | 16.4 | 16.4 | 16.1 |
| Olives | 0.7 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 |

Source: SORS (Crop production), calculated by AIS

¹ including strawberries

| Crop production (000 t) | | | | | | |
|---------------------------------|-----------|-----------|---------|---------|---------|---------|
| | Ø 2000-04 | Ø 2005-09 | 2010 | 2011 | 2012 | 2013 |
| Cereals | 516.5 | 542.8 | 568.8 | 607.8 | 576.4 | 457.3 |
| of which: Wheat and spelt | 157.7 | 141.3 | 153.5 | 153.6 | 188.1 | 138.2 |
| Barley | 46.0 | 67.7 | 80.1 | 79.4 | 84.7 | 69.3 |
| Grain maize | 298.6 | 311.6 | 311.1 | 349.0 | 277.4 | 226.6 |
| Oil turniprape | 3.4 | 9.2 | 15.5 | 13.9 | 16.7 | 15.1 |
| Pumpkins for oil | 2.4 | 2.7 | 3.9 | 4.0 | 2.5 | 1.6 |
| Hops | 2.0 | 2.3 | 2.1 | 2.2 | 1.3 | 1.2 |
| Potatoes | 155.9 | 117.3 | 101.2 | 96.2 | 79.3 | 62.2 |
| Vegetables | 71.3 | 78.7 | 60.0 | 77.3 | 70.8 | 71.3 |
| Forage plants | 1,223.5 | 1,455.2 | 1,413.1 | 1,448.6 | 1,265.1 | 1,085.7 |
| of which: Fodder maize | 995.1 | 1,190.6 | 1,132.8 | 1,189.0 | 1,057.3 | 890.0 |
| Fodder from permanent grassland | 1,311.5 | 1,536.0 | 1,638.8 | 1,451.9 | 1,283.2 | 1,174.4 |
| Fruits ¹ | 156.5 | 143.5 | 153.7 | 142.4 | 97.6 | 126.5 |
| of which: Intensive orchards | 95.8 | 96.7 | 92.8 | 99.3 | 68.2 | 83.5 |
| of which: Apples | 78.4 | 79.1 | 77.3 | 81.3 | 55.3 | 69.6 |
| Wine grapes | 119.1 | 113.5 | 108.5 | 121.4 | 92.3 | 100.2 |
| Olives | 1.5 | 2.1 | 1.9 | 1.7 | 0.7 | 1.5 |

Source: SORS (Crop production), calculated by AIS

¹ including strawberries

| Number of livestock (on December 1 st , 000) | | | | | | |
|---|-----------|-----------|-------|-------|-------|-------|
| | Ø 2000-04 | Ø 2005-09 | 2010 | 2011 | 2012 | 2013 |
| Cattle | 469.1 | 465.8 | 470.2 | 462.3 | 460.1 | 460.6 |
| of which: Cows | 189.1 | 175.6 | 173.4 | 170.7 | 167.5 | 165.8 |
| of which: Dairy cows | 136.1 | 115.1 | 109.5 | 109.1 | 111.0 | 109.6 |
| Pigs | 602.7 | 502.5 | 395.6 | 347.3 | 296.1 | 288.4 |
| of which: Breeding sows | 47.1 | 36.3 | 26.1 | 22.3 | 17.6 | 17.3 |
| Sheep and goats | 126.6 | 161.0 | 156.0 | 146.6 | 140.5 | 130.0 |
| of which: Breeding ewes/goats | 89.1 | 111.1 | 110.3 | 100.6 | 94.1 | 88.1 |

Source: SORS (Animal production), calculated by AIS

| Livestock production (000 t) | | | | | | |
|---------------------------------------|-----------|-----------|-------|-------|-------|-------------------|
| | Ø 2000-04 | Ø 2005-09 | 2010 | 2011 | 2012 | 2013 ¹ |
| Beef and veal (live weight gain) | 81.6 | 77.4 | 77.6 | 80.2 | 77.7 | 71.7 |
| Pigmeat (live weight gain) | 84.8 | 74.0 | 55.3 | 49.2 | 42.3 | 36.3 |
| Poultrymeat (live weight gain) | 76.5 | 79.3 | 86.4 | 82.2 | 83.7 | 80.8 |
| Sheep and goatmeat (live weight gain) | 3.4 | 4.2 | 3.7 | 3.3 | 3.2 | 2.9 |
| Milk | 670.4 | 651.3 | 605.8 | 603.3 | 622.6 | 600.0 |
| of which: Cows milk | 668.2 | 649.4 | 603.9 | 601.6 | 620.9 | 598.6 |
| Eggs (mill. pieces) | 313.7 | 308.7 | 357.1 | 369.2 | 322.7 | 357.6 |
| Honey | 2.3 | 1.8 | 1.7 | 2.5 | 1.0 | 2.4 |

Source: SORS (Animal production), calculated by AIS

¹ provisional data

| Average yields | | | | | | |
|---------------------------------------|-----------|-----------|-------|-------|-------|-------|
| | Ø 2000-04 | Ø 2005-09 | 2010 | 2011 | 2012 | 2013 |
| Wheat and spelt (t/ha) | 4.3 | 4.3 | 4.8 | 5.2 | 5.4 | 4.4 |
| Grain maize (t/ha) | 6.5 | 7.6 | 8.5 | 8.7 | 7.1 | 5.4 |
| Oil turnip rape (t/ha) | 2.4 | 2.3 | 2.9 | 2.9 | 3.2 | 2.5 |
| Potatoes (t/ha) | 20.8 | 22.3 | 24.5 | 26.4 | 23.4 | 18.8 |
| Dessert apples (t/ha) | 25.3 | 27.0 | 28.0 | 29.7 | 20.5 | 26.3 |
| Cows milk (kg/cow) ¹ | 4,909 | 5,642 | 5,517 | 5,516 | 5,593 | 5,463 |
| Eggs (pieces/laying hen) ¹ | 220 | 239 | 237 | 270 | 282 | 259 |

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

¹ 2013: provisional data

Supply balances of agricultural products

| Human consumption of selected agricultural products (kg/head, calendar year) | | | | | | |
|--|-----------|-----------|-------|-------|-------|-------------------|
| | Ø 2000-04 | Ø 2005-09 | 2010 | 2011 | 2012 | 2013 ¹ |
| Cereals ² (without rice) | 94.1 | 89.2 | 90.1 | 87.6 | 85.4 | 85.1 |
| of which: Wheat ² | 76.3 | 71.2 | 74.7 | 72.5 | 70.5 | 70.4 |
| Potatoes | 79.6 | 77.3 | 70.3 | 66.4 | 63.3 | 59.4 |
| of which: Fresh potatoes | 67.4 | 58.6 | 49.7 | 47.8 | 42.8 | 39.6 |
| Vegetables | 80.2 | 96.3 | 91.8 | 97.1 | 95.3 | 98.3 |
| of which: Fresh vegetables | 62.4 | 73.0 | 67.0 | 72.3 | 70.2 | 72.6 |
| Sugar ³ | 35.2 | 36.1 | 38.5 | 40.1 | 40.0 | 40.5 |
| Wine ⁴ (l) | : | 39.5 | 37.7 | 39.7 | 37.5 | : |
| Meat (with offal) | 93.5 | 95.4 | 93.7 | 89.5 | 88.1 | 84.1 |
| of which: Beef and veal | 21.4 | 21.4 | 19.9 | 19.8 | 18.9 | 18.6 |
| Pigmeat | 41.3 | 43.0 | 41.6 | 39.6 | 37.7 | 36.0 |
| Poultrymeat | 24.6 | 25.7 | 27.7 | 26.2 | 27.7 | 26.1 |
| Milk, total ⁵ | 231.7 | 228.4 | 223.7 | 218.9 | 225.9 | 220.1 |
| Eggs | 8.7 | 8.5 | 10.1 | 10.1 | 9.1 | 10.3 |

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

¹ provisional data

² in flour equivalent

³ in white sugar equivalent

⁴ data from supply balances for marketing year

⁵ in raw milk equivalent

| Self-sufficiency in selected agricultural products (% , calendar year) | | | | | | |
|--|-----------|-------------------|-------|-------|-------|-------------------|
| | Ø 2000-04 | Ø 2005-09 | 2010 | 2011 | 2012 | 2013 ¹ |
| Cereals (without rice) | 51.6 | 56.8 | 56.6 | 71.1 | 70.2 | 54.7 |
| Wheat | 57.0 | 48.3 | 49.3 | 54.9 | 64.8 | 46.0 |
| Maize | 56.5 | 64.6 | 61.5 | 82.4 | 71.5 | 58.7 |
| Potatoes (fresh and processed, without starch) | 79.5 | 64.9 | 62.9 | 63.0 | 55.1 | 46.4 |
| Vegetables (fresh and processed) | 41.8 | 38.2 | 30.1 | 36.5 | 34.0 | 33.3 |
| Sugar | 44.2 | 53.3 ² | 0.0 | 0.0 | 0.0 | 0.0 |
| Wine ³ | : | 97.8 | 96.3 | 102.1 | 82.3 | : |
| Meat (with offal) | 95.5 | 88.5 | 84.2 | 84.7 | 83.4 | 80.2 |
| Beef and veal | 107.0 | 99.4 | 106.0 | 109.7 | 111.5 | 107.1 |
| Pigmeat | 80.3 | 67.6 | 52.3 | 49.5 | 46.5 | 39.3 |
| Poultrymeat | 112.6 | 111.3 | 112.2 | 113.3 | 109.3 | 111.4 |
| Milk, total | 114.9 | 116.4 | 116.4 | 119.7 | 117.4 | 117.8 |
| Eggs | 99.3 | 95.0 | 92.7 | 96.2 | 92.3 | 91.4 |

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

¹ provisional data

² average 2005-2006

³ data from supply balances for marketing year

Agricultural prices

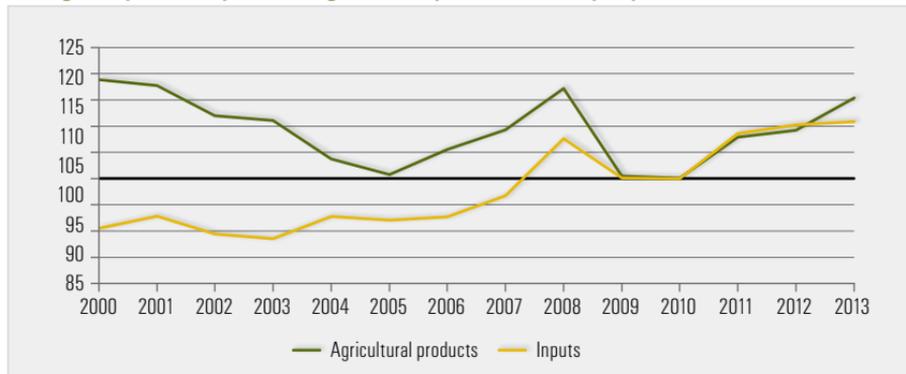
| Average producer prices for selected agricultural products (EUR/kg) | | | | | | | | |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 |
| Wheat (without seed) | 0.109 | 0.171 | 0.178 | 0.119 | 0.136 | 0.193 | 0.196 | 0.181 |
| Grain maize (without seed) | 0.110 | 0.199 | 0.114 | 0.099 | 0.155 | 0.170 | 0.200 | 0.169 |
| Oil turniprape | 0.198 | 0.220 | 0.381 | 0.255 | 0.273 | 0.422 | 0.450 | 0.358 |
| Potatoes (without seed and early potatoes) | 0.209 | 0.183 | 0.185 | 0.124 | 0.157 | 0.151 | 0.155 | 0.327 |
| Dessert apples | 0.316 | 0.418 | 0.592 | 0.434 | 0.411 | 0.452 | 0.474 | 0.575 |
| Quality wine (EUR/l) | 1.901 | 2.194 | 2.320 | 2.110 | 2.281 | 2.458 | 2.440 | 1.986 |
| Bulls (live weight) | 1.455 | 1.459 | 1.538 | 1.572 | 1.572 | 1.741 | 1.915 | 1.850 |
| Pigs for slaughter (live weight) | 1.162 | 1.080 | 1.205 | 1.103 | 1.117 | 1.204 | 1.348 | 1.372 |
| Poultry for slaughter (live weight) | 0.824 | 0.905 | 1.083 | 1.026 | 1.024 | 1.089 | 1.097 | 1.181 |
| Cows milk | 0.267 | 0.278 | 0.328 | 0.260 | 0.265 | 0.302 | 0.300 | 0.321 |
| Eggs for consumption (EUR/egg) | 0.076 | 0.087 | 0.090 | 0.091 | 0.094 | 0.096 | 0.105 | 0.110 |

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

| Agricultural price changes (nominal, % change from previous year) | | | | | | |
|---|-------------|-------------|-------------|-------------|-------------|------------|
| | Ø 2001-04 | Ø 2005-09 | 2010 | 2011 | 2012 | 2013 |
| Agricultural products, total | 2.7 | 2.3 | 1.4 | 9.8 | 3.9 | 7.5 |
| Crop products | 2.8 | 3.7 | 2.0 | 8.2 | 3.2 | 14.8 |
| Animals and livestock products | 2.6 | 1.7 | 1.1 | 10.6 | 4.3 | 3.8 |
| Agricultural inputs, total | 6.9 | 4.6 | 1.7 | 10.6 | 4.2 | 2.3 |
| Consumer goods and services | 7.4 | 4.9 | 2.5 | 14.0 | 5.3 | 2.7 |
| Investment goods and services | 6.0 | 3.9 | 0.3 | 2.9 | 1.4 | 1.8 |
| Terms of trade (agricultural products/inputs) | -4.0 | -2.2 | -0.3 | -0.7 | -0.2 | 5.1 |

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

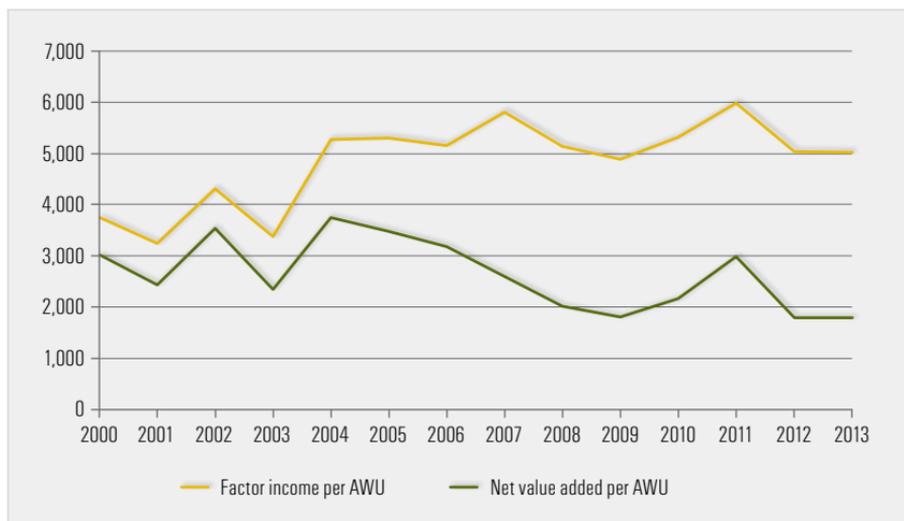
Economic accounts for agriculture

| Main aggregates of economic accounts for agriculture (at basic prices, mill. EUR) | | | | | | |
|---|-----------|-----------|---------|---------|---------|-------------------|
| | Ø 2000-04 | Ø 2005-09 | 2010 | 2011 | 2012 | 2013 ¹ |
| Total output | 1,018.0 | 1,099.4 | 1,109.2 | 1,235.0 | 1,149.1 | 1,169.5 |
| Intermediate consumption | 577.3 | 664.6 | 699.7 | 757.4 | 762.2 | 779.7 |
| Gross value added | 440.7 | 434.8 | 409.5 | 477.5 | 387.0 | 389.8 |
| Fixed capital consumption | 188.0 | 224.6 | 241.1 | 242.5 | 245.2 | 249.3 |
| Net value added | 252.7 | 210.2 | 168.4 | 235.0 | 141.8 | 140.5 |
| Other subsidies on production | 86.3 | 213.6 | 241.8 | 236.6 | 251.1 | 248.7 |
| Other taxes on production | 3.5 | 3.2 | 1.5 | 1.5 | 1.5 | 1.5 |
| Factor income | 335.4 | 420.6 | 408.6 | 470.1 | 391.4 | 387.6 |
| Agricultural labour (000 AWU) | 100.5 | 85.2 | 77.0 | 78.0 | 76.7 | 74.9 |
| Factor income per AWU (EUR) | 3,366 | 4,944 | 5,306 | 6,029 | 5,103 | 5,175 |

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

¹ 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

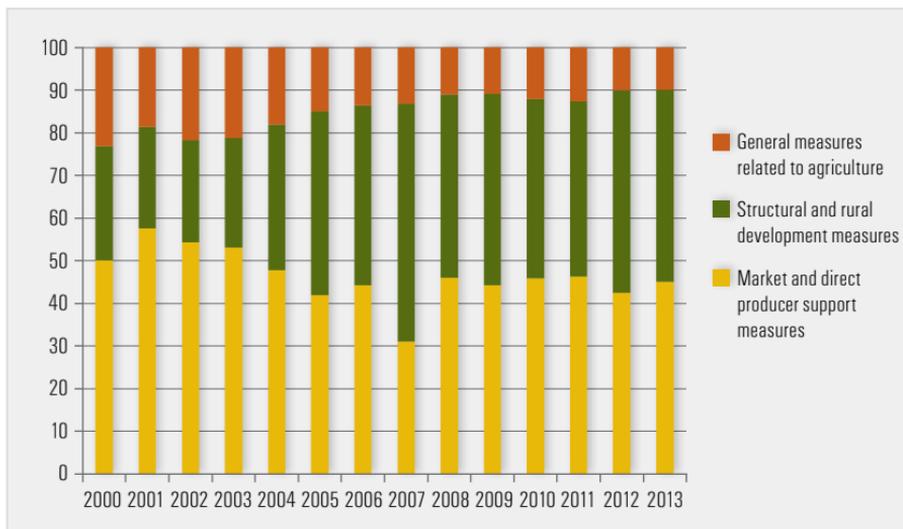
| Budgetary transfers to agri-food sector by main group of measures (executed payments in calendar year, mill. EUR) | | | | | | |
|--|--------------|--------------|--------------|--------------|--------------|--------------|
| | Ø 2000-04 | Ø 2005-09 | 2010 | 2011 | 2012 | 2013 |
| Market and direct producer support measures | 95.0 | 142.0 | 163.1 | 161.2 | 163.3 | 169.3 |
| Market support | 29.2 | 5.9 | 2.3 | 1.6 | 3.4 | 3.7 |
| Direct payments to producers | 43.9 | 113.2 | 131.6 | 137.5 | 140.2 | 137.9 |
| Variable input subsidies | 2.8 | 11.0 | 20.1 | 20.4 | 19.3 | 21.2 |
| Disaster payments and other compensations to producers | 19.2 | 12.0 | 9.0 | 1.7 | 0.3 | 6.5 |
| Structural and rural development measures | 49.5 | 155.0 | 149.7 | 143.4 | 182.4 | 168.9 |
| Improving the environment and the countryside | 26.5 | 86.4 | 74.0 | 79.9 | 94.4 | 85.5 |
| Payments to farmers in areas with handicaps (LFAs) | 18.5 | 47.1 | 36.0 | 41.5 | 55.8 | 47.0 |
| Agri-environmental payments to farmers | 8.0 | 39.3 | 38.1 | 38.3 | 38.7 | 38.5 |
| Improving the competitiveness of the agricultural sector | 18.9 | 63.0 | 56.6 | 39.4 | 59.5 | 61.1 |
| On farm restructuring support | 9.2 | 41.4 | 27.5 | 17.6 | 34.0 | 36.5 |
| General support to agricultural sector | 1.4 | 3.5 | 3.9 | 3.9 | 3.6 | 3.3 |
| Food processing support, marketing and promotion | 8.1 | 15.6 | 20.0 | 16.4 | 20.1 | 17.8 |
| Forestry support | 0.1 | 2.5 | 5.2 | 1.4 | 1.7 | 3.5 |
| Supporting rural economy and population | 4.2 | 5.6 | 19.1 | 24.1 | 28.5 | 22.4 |
| General measures related to agriculture | 36.8 | 42.3 | 42.9 | 44.1 | 38.4 | 37.0 |
| Research, development, advisory and expert services | 21.8 | 23.2 | 23.7 | 23.9 | 20.3 | 18.9 |
| Food safety and quality control | 10.8 | 14.5 | 15.2 | 16.1 | 13.0 | 12.0 |
| Other general support | 4.2 | 4.6 | 4.0 | 4.1 | 5.1 | 6.1 |
| TOTAL BUDGETARY SUPPORT TO AGRICULTURE | 181.4 | 339.3 | 355.7 | 348.6 | 384.2 | 375.2 |

Source: MAE, ARSKTRP, calculated by AIS

| Share of co-financing of budgetary support to agriculture from the EU budget (calendar year, %) | | | | | | |
|--|-----------|-----------|-----------|-----------|-----------|-----------|
| | Ø 2000-04 | Ø 2005-09 | 2010 | 2011 | 2012 | 2013 |
| Market and direct producer support measures | 1 | 43 | 53 | 63 | 73 | 78 |
| Structural and rural development measures | 16 | 72 | 77 | 77 | 78 | 78 |
| General measures related to agriculture | 5 | 6 | 6 | 5 | 7 | 9 |
| TOTAL BUDGETARY SUPPORT TO AGRICULTURE | 6 | 52 | 57 | 62 | 69 | 71 |

Source: MAE, ARSKTRP, calculated by AIS

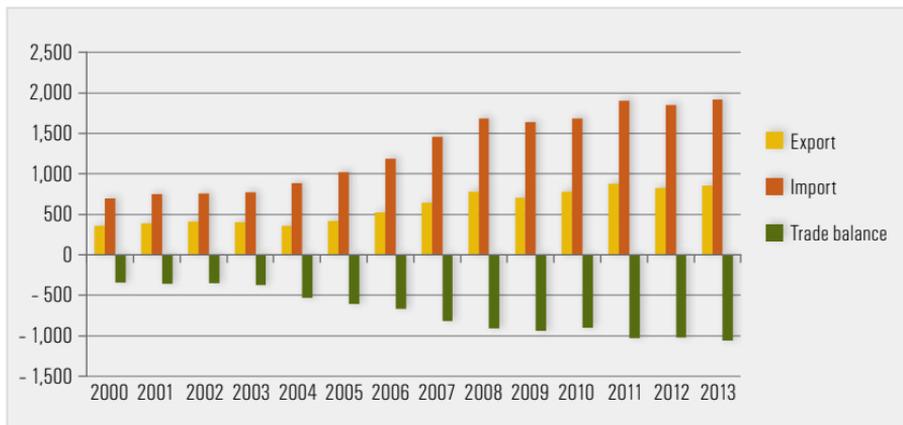
Breakdown of budgetary support to agriculture by main group of measures (calendar year, %)



Source: MAE, ARSKTRP, calculated by AIS

Export and import of agri-food products

External trade with agri-food products¹ (mill. EUR)



Source: SORS (External trade), calculated by AIS

¹ commodity groups 01-24 of Combined Nomenclature (CN) of European Union; 2013: provisional data

Composition of agri-food trade by main commodity groups¹

| | Ø 2000-04 | Ø 2005-09 | 2010 | 2011 | 2012 | 2013 |
|---|------------|--------------|--------------|--------------|--------------|--------------|
| EXPORT (mill. EUR) | 382 | 614 | 781 | 875 | 827 | 857 |
| Dairy produce, eggs, natural honey (CN 04) (%) | 12.6 | 15.5 | 15.8 | 15.1 | 16.1 | 16.7 |
| Meat and meat preparations (CN 02 in CN 16) (%) | 20.0 | 16.8 | 14.9 | 14.8 | 15.6 | 15.4 |
| Miscellaneous edible preparations (CN 21) (%) | 6.1 | 7.8 | 9.6 | 8.9 | 10.1 | 11.5 |
| Beverages, spirits and vinegar (CN 22) (%) | 26.8 | 11.1 | 9.4 | 9.3 | 10.6 | 10.5 |
| Residues and waste from the food industries (CN 23) (%) | 3.9 | 14.6 | 10.3 | 9.6 | 8.1 | 9.7 |
| Edible fruits and vegetables (CN 08 in CN 07) (%) | 2.2 | 7.0 | 6.8 | 7.5 | 5.1 | 5.2 |
| Other (%) | 28.4 | 27.1 | 33.1 | 34.8 | 34.4 | 30.9 |
| IMPORT (mill. EUR) | 774 | 1,400 | 1,681 | 1,906 | 1,851 | 1,915 |
| Edible fruits and vegetables (CN 08 in CN 07) (%) | 15.2 | 14.5 | 14.3 | 12.4 | 12.6 | 13.7 |
| Meat and meat preparations (CN 02 in CN 16) (%) | 9.6 | 11.9 | 12.8 | 12.2 | 13.2 | 13.3 |
| Residues and waste from the food industries (CN 23) (%) | 8.1 | 10.2 | 5.7 | 7.6 | 8.1 | 8.3 |
| Dairy produce, eggs, natural honey (CN 04) (%) | 2.2 | 5.9 | 7.5 | 7.0 | 7.3 | 8.0 |
| Miscellaneous edible preparations (CN 21) (%) | 7.8 | 6.9 | 7.3 | 7.1 | 7.2 | 7.4 |
| Preparations of cereals, flour or starch (CN 19) (%) | 6.4 | 6.3 | 6.8 | 6.3 | 6.9 | 7.1 |
| Beverages, spirits and vinegar (CN 22) (%) | 4.5 | 5.7 | 6.1 | 5.6 | 6.1 | 5.4 |
| Sugars and sugar confectionary (CN 17) (%) | 3.6 | 3.8 | 3.6 | 5.3 | 5.3 | 4.6 |
| Other (%) | 42.6 | 34.8 | 36.1 | 36.6 | 33.3 | 32.3 |

Source: SORS (External trade), calculated by AIS

¹ commodity groups 01-24 of Combined Nomenclature (CN) of European Union; 2013: provisional data

Composition of agri-food trade by main trading partners¹

| | Ø 2000-04 | Ø 2005-09 | 2010 | 2011 | 2012 | 2013 |
|---------------------------|------------|--------------|--------------|--------------|--------------|--------------|
| EXPORT (mill. EUR) | 382 | 614 | 781 | 875 | 827 | 857 |
| Italy (%) | 10.9 | 28.6 | 31.0 | 31.7 | 26.6 | 25.9 |
| Croatia (%) | 20.6 | 13.2 | 8.8 | 8.6 | 10.5 | 11.7 |
| Austria (%) | 2.5 | 10.1 | 9.3 | 10.4 | 10.4 | 9.7 |
| Bosnia-Herzegovina (%) | 27.1 | 10.4 | 9.1 | 7.6 | 7.8 | 7.8 |
| Hungary (%) | 1.0 | 5.6 | 7.1 | 8.4 | 8.5 | 7.4 |
| Other (%) | 37.9 | 32.2 | 34.6 | 33.3 | 36.2 | 37.6 |
| IMPORT (mill. EUR) | 774 | 1,400 | 1,681 | 1,906 | 1,851 | 1,915 |
| Austria (%) | 11.5 | 18.0 | 19.7 | 17.4 | 17.7 | 17.8 |
| Italy (%) | 16.4 | 18.8 | 16.9 | 15.4 | 16.0 | 15.5 |
| Germany (%) | 10.4 | 11.4 | 13.0 | 13.5 | 14.3 | 15.2 |
| Hungary (%) | 12.0 | 9.3 | 7.5 | 8.1 | 9.7 | 9.8 |
| Croatia (%) | 7.2 | 5.4 | 6.0 | 6.0 | 6.2 | 5.9 |
| Other (%) | 42.6 | 37.1 | 36.8 | 39.7 | 36.1 | 35.6 |

Source: SORS (External trade), calculated by AIS

¹ commodity groups 01-24 of Combined Nomenclature (CN) of European Union; 2013: provisional data

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