HELLENIC REPUBLIC

HELLENIC STATISTICAL AUTHORITY

Piraeus, 29/4/ 2015

PRESS RELEASE

2011 ANNUAL AGRICULTURAL STATISTICAL SURVEY

The Hellenic Statistical Authority (ELSTAT) announces the final results of the 2011 Annual Agricultural Statistical Survey.
For comparability purposes, data for years 2009 and 2010 are also made available.

A. CULTIVATED AREAS

The total utilized agricultural area (arable land, crops under vegetables, permanent crops and fallow land) decreased by 0.4% in 2010 compared with 2009 and by 2.9% in 2011 compared with 2010.
More specifically, the **total utilized agricultural area** (arable land, crops under vegetables, permanent crops and fallow land) amounted to 36,853.5 thousand stremmas[1] in 2009, 36.709,3 thousand stremmas in 2010 and 35,663,0 thousand stremmas in 2011 (Table 1).

The distribution of the cultivated areas by main crop type and by year is as follows:

- In 2009, 53.9% of the cultivated area (19,854.9 thousand stremmas) was used for arable farming, 2.8% (1,048.9 thousand stremmas) was used for vegetables, 30.9% (11,391.1 thousand stremmas) for permanent crops and 12.4% (4,558.6 thousand stremmas) was fallow land (Table1, Graph 1).
- In 2010, 53.4% of the cultivated area (19,619.2 thousand stremmas) was used for arable farming, 2.8% (1,041.3 thousand stremmas) was used for vegetables, 31.0% (11,373.7 thousand stremmas) for permanent crops and 12.7% (4,675.1 thousand stremmas) of the cultivated area was fallow land (Table1, Graph 2).
- In 2011, 54.6% of the cultivated area (19,478.3 thousand stremmas) was used for arable farming, 2.8% (1,004.6 thousand stremmas) was used for vegetables, 31.9% (11,374.8 thousand stremmas) for permanent crops and 10.7% (3,808.5 thousand stremmas) was fallow land (Table1, Graph 3)

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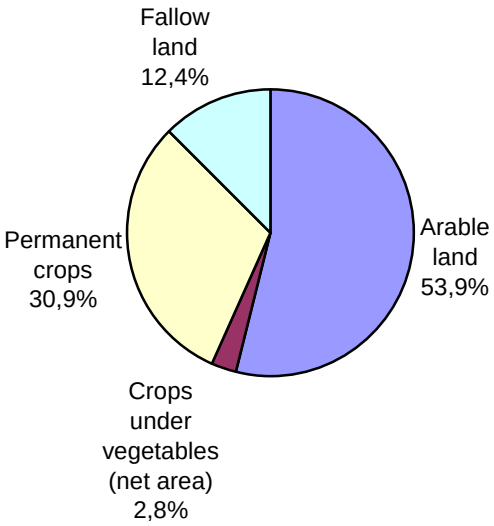
The major changes, in terms of surface of the cultivated areas, which are recorded by type of crop, are the following:

- The cultivated areas under **durum wheat** recorded a decrease of 4.2% in 2010 compared with 2009, and a further decrease of 8.7% was observed in 2011, compared with 2010. More specifically, the cultivated areas under hard wheat amounted to 6,077 thousand stremmas in 2009, 5,821.8 thousand stremmas in 2010 and 5,315.0 thousand stremmas in 2011 (Table 1).
- The cultivated areas under **grain maize** decreased by 11.0% in 2010 compared with 2009, while an increase of 3.9% was observed in 2011 compared with 2010. More specifically, the areas under maize amounted to 2,314.4 thousand stremmas in 2009, to 2,059.8 thousand stremmas in 2010 and 2,140.4 thousand stremmas in 2011 (Table 1).

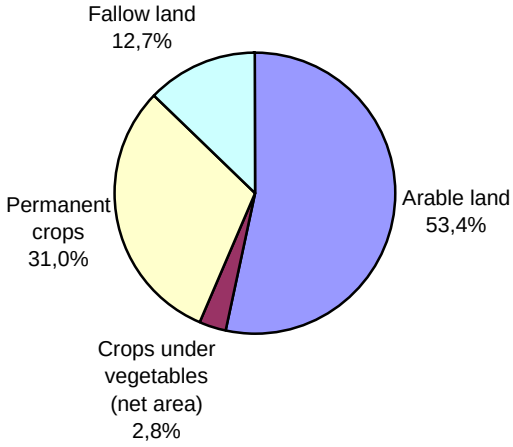
[1] 1 stremma = 1,000 m^2 or 0.1 ha

- The cultivated areas under **cotton** recorded an increase of 3.7% in 2010 compared with 2009 and a further increase of 7.4% in 2011 compared with 2010. More specifically, the areas under cotton amounted to 2,669.9 thousand stremmas in 2009, to 2,769.2 thousand stremmas in 2010 and 2,975.1 thousand stremmas in 2011 (Table 1).
- The cultivated area under **tomatoes** (total) recorded a decrease of 2.4% in 2010 compared with 2009 and a further decrease of 11.7% was observed in 2011 compared with 2010. More specifically, the cultivated areas under tomatoes amounted to 325.8 thousand stremmas in 2009, to 317.8 thousand stremmas in 2010 and to 280.5 thousand stremmas in 2011(Table 1).
- The cultivated areas under **vines** (total) decreased by 3.8% in 2010 compared with 2009 and by 1.8% in 2011 compared with 2010. More specifically, the areas under vines amounted to 1,214.2 thousand stremmas in 2009, to 1,168.2 thousand stremmas in 2010 and to 1,147.2 thousand stremmas in 2011 (Table 1).
- The cultivated areas under **oranges** decreased by 0.6% in 2010 compared with 2009 while actually no change was observed in 2011 compared with 2010. More specifically, the cultivated areas under oranges amounted to 390.0 in 2009, to 387.7 thousand stremmas in 2010 and to 387.8 thousand stremmas in 2011 (Table 1).
- The cultivated areas under **peaches-nectarines** increased by 0.1% in 2010 compared with 2009 while they decreased by 0.2% in 2011 in comparison with 2010. More specifically, the cultivated areas under peaches-nectarines amounted to 439.3 thousand stremmas in 2009, to 439.5 thousand stremmas in 2010 and to 438.1 thousand stremmas in 2011 (Table 1, Graph 1).
- The cultivated area under **olives for oil** recorded an increase of 0.8% in 2010 compared with 2009 and a further increase of 0.2% in 2011 compared with 2010. More specifically, the cultivated areas under olives for oil amounted to 6,653.7 in 2009, to 6,703.6 thousand stremmas in 2010 and to 6,714.4 thousand stremmas in 2010 (Table 1, Graph 1).

Graph 1. Percentage distribution of the cultivated agricultural area by categories, 2009

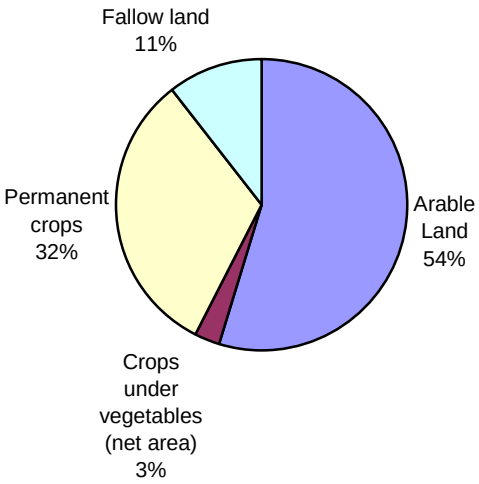


Graph 2. Percentage distribution of the cultivated agricultural area by categories, 2010



Graph 3. Percentage distribution of the cultivated

agricultural area by categories, 2011



Note: Any discrepancies in the sums are due to rounding.

Table 1. Areas under cultivation by type of crop. Greece total, 2009 - 2011
in thousand stremmas

Crop type	2009	2010	2011	Change (%) 2009/2010	Change (%) 2010/2011
Total cultivated agricultural land	**36,853.5**	**36,709.3**	**35,666.2**	**-0.4**	**-2.8**
Irrigated	13,771.0	13,718.0	13,844.8	-0.4	0.9
1. **Arable land**	**19,854.9**	**19,619.2**	**19,478.3**	**-1.2**	**-0.7**
Irrigated	8,410.0	8,368.0	8,536.8	-0.5	2.0
2. **Crops under vegetables (net area)**	**1,048.9**	**1,041.3**	**1,004.6**	**-0.7**	**-3.5**
Irrigated	1,023.1	1,014.7	980.4	-0.8	-3.4
3. **Permanent crops**[2]	**11,391.1**	**11,373.7**	**11,374.8**	**-0.2**	**0.0**
Irrigated	4,337.9	4,335.3	4,327.6	-0.1	**-0.2**
4. **Fallow land**	**4,558.6**	**4,675.1**	**3,808.5**	**2.6**	**-18.5**
Total arable land, crops under vegetables and permanent crops					
1.1 Cereals for grain	**12,299.6**	**11,576.3**	**11,161.0**	**-5.9**	**-3.6**
Common wheat	1,720.7	1,553.0	1,563.3	-9.7	0.7
Durum wheat	6,077.4	5,821.8	5,315.0	-4.2	-8.7
Barley	1,277.7	1,207.6	1,211.7	-5.5	0.3
Rice	280.3	300.5	309.2	7.2	2,9
Maize	2,314.4	2,059.8	2,140.4	-11.0	3.9
Other cereals	629.1	633.6	621.4	0.7	-1.9
1.2 Edible pulses	**183.4**	**193.8**	**203.3**	**5.7**	**4.9**
Beans	94.4	96.2	97.8	1.9	1.7
Chickpeas	27.5	29.5	30.91	7.5	4.8
Lentils	33.8	41.1	46.5	21.7	13.1
Other edible pulses	27.7	27.0	28.1	-2.5	4.1
1.3 Industrial Plants	**3,328.4**	**3,765.8**	**4,092.9**	**13.1**	**8.7**
Tobacco	160.2	160.4	158.9	0.1	-0.9

[2] Areas under nurseries are not included due to their small contribution to the total of the cultivated area

Cotton	2,669.9	2,769.2	2,975.1	3.7	7.4
Sunflower	234.3	534.8	691.4	128.2	29.3
Groundnuts	5.0	5.6	5.6	10.4	0.0
Sugar beets	221.8	156.0	96.1	-29.7	-38.4
Other industrial plants	37,1	139,7	165,8	276,8	18,7
1.4 Aromatic plants	**19.9**	**23.1**	**19.3**	**16.2**	**-16,5**
1.5 Fodder plants	**3,564.5**	**3,584.9**	**3,548.6**	**0.6**	**-16,5**
1.6 Melons and water melons	**258.9**	**257.5**	**252.2**	**-0.5**	**-1.0**
Water melons	169.8	168.2	167.1	-0.9	-2.1
Melons	89.0	89.2	85.1	0.2	-0.7
1.7 Potatoes	**456.2**	**448.0**	**448.1**	**-1.8**	-4.6
2.1 Vegetalbe crops	**1,120.8**	**1,105.0**	**1,069.7**	**-1.4**	**0,0**
Tomatoes	325.8	317.8	280.5	-2.4	-3.2
Industrial tomatoes	145.0	138.3	105.8	-4.6	-11.7
Tomatoes grown in the open	146.4	144.7	140.6	-1.1	-23.5
Tomatoes grown in greenhouses	34.3	34.8	34.1	1.3	-2.8
Green beans	75.5	74.0	73.9	-2.0	-1.9
Cabbages – cauliflowers	120.6	118.7	116.8	-1.6	-0.1
Lettuce	56.1	55.0	55.4	-1.9	-1.6
Other vegetables	542.9	539.5	543.1	-0.6	0.8
2.2 Market flower gardens	**6.4**	**7.0**	**7.1**	**8.7**	1.4
2.3 Greenhouses[3]	**56,8**	**56,8**	56.8	**-0,2**	0.0
3. Permanent crops	**11,391.1**	**11,373.7**	**11,374.8**	**-0.2**	**0.0**
3.1 Vineyards: grapes and raisins (total)	**1,214.2**	**1,168.2**	**1,147.2**	**-3.8**	**-1.8**
Vines for wine	682.1	672.2	661.6	-1.5	-1.6
Vines for table grapes	114.0	109.7	103.5	-3.7	-5.6
Vines for currants	418.1	386.3	382.1	-7.6	-1.1
3.2 Trees in compact plantations	**10.177,0**	**10.205,5**	**10,224.4**	**0.3**	**0.2**
3.2.1 Citrus trees	**567.7**	**552.6**	**552.4**	**-2.7**	**0.0**
Lemon trees	102.2	88.4	88.2	-13.5	-0.3
Orange trees	390.0	387.7	387.8	-0.6	0.0
Mandarin trees	71.6	72.6	72.6	1.4	0.0
Other citrus trees	3.9	3.9	3.8	-0.6	-2.9
3.2.2 Fruit trees	**858.9**	**866.6**	**880.4**	**0.9**	**1.6**
Pear trees	43.0	42.8	45.7	-0.6	6.8
Apples trees	135.7	134.4	133.3	-0.9	-0.8
Peach - Nectarine trees	439.3	439.5	438.1	0.1	-0.3
Apricot trees	59.0	58.0	61.4	-1.6	5.9
Cherry trees	103.0	104.6	106.1	1.6	1.4
Other fruit trees	78,9	87,3	95.8	10,6	9.7
3.2.3 Nut trees	**462.3**	**450.7**	**446.1**	**-2.5**	**-1.0**
Almond trees	165.0	161.2	158.5	-2.3	-1.7
Walnut trees	94.1	91.6	92.0	-2.6	0.5
Pistachio trees	44.3	43.6	43.7	-1.8	0.2
Fig trees	60.2	59.7	58.5	-0.8	-1.9
Other	98,8	94,7	93,4	-4,2	-1,4
3.2.4 Olives	**8,015.3**	**8,064.5**	**8,075.7**	**0.6**	**0.1**
Olives for oil	6,653.7	6,703.6	6,714.4	0.8	0.2
Edible olives	1,361.7	1,360.9	1,361.3	-0.1	0.0
3.2.5 Other trees	**272,8**	**271,0**	**273,0**	**-0,6**	**0,7**

Note: Any discrepancies in the sums are due to rounding

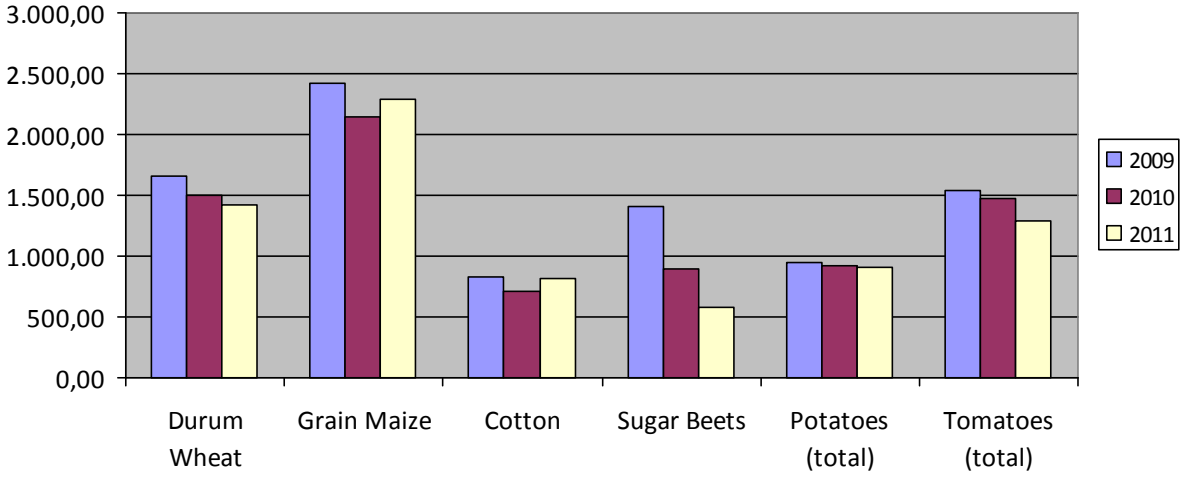
[3] Also included greenhouses with vegetables and flowers. Vegetables include tomatoes, cucumbers, etc.

B. PRODUCTION OF AGRICULTURAL PRODUCTS

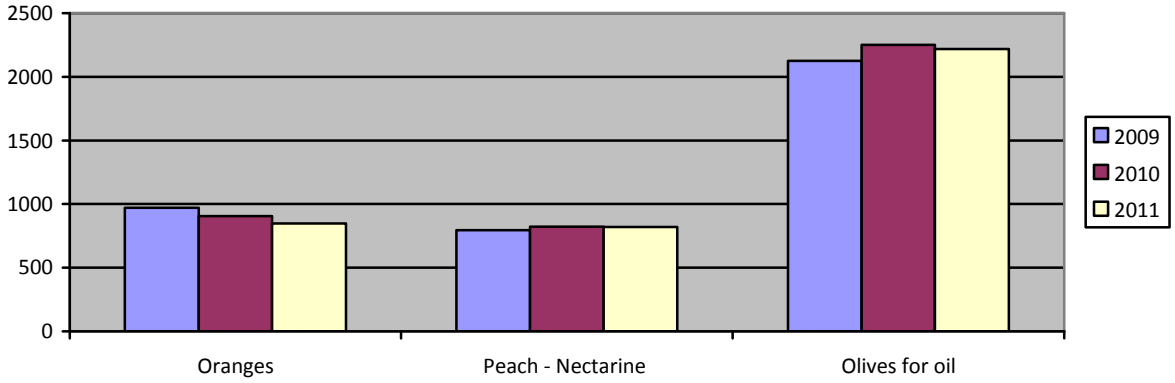
The major changes, in terms of volume of production of agricultural products, by group and species of products are the following:

- The production of **durum wheat** decreased by 9.2% in 2010 in comparison with 2009 and further by 5.9% in 2011 compared with 2010. More specifically, the production of durum wheat amounted to 1,656.8 thousand tonnes in 2009, to 1,504.5 thousand tonnes in 2010 and to 1,416.0 (thousand tonnes in 201. (Table 2, Graph 4).
- The production of **grain maize** decreased by 11.4% in 2010 in comparison with 2009 while it increased by 7.2% in 2011 compared with 2010. More specifically, the production of grain maize amounted to 2,414.5 thousand tonnes in 2009, to 2,138.5 thousand tonnes in 2010 and to 2,291.8 thousand tonnes in 2011. (Table 2, Graph 4).
- The production of **cotton** decreased by 14.2% in 2010 in comparison with 2009 while it increased by 14.6% in 2011 compared to 2010. More specifically, the production of cotton amounted to 827.9 thousand tonnes in 2009, to 710.5 thousand tonnes in 2010 and to 814.5 thousand tonnes in 2011 (Table 2, Graph 4).
- The production of **sugar beets** recorded a decrease of 36.9% in 2010 compared with 2009 and a further decrease of 34.6% in 2011 compared with 2010. More specifically, the production of sugar beets amounted to 1,409.3 tonnes in 2009, to 889.4 thousand tonnes in 2010 and to 581.5 thousand tonnes in 2011 (Table 2, Graph 4).
- The production of **potatoes** (total) recorded a decrease of 1.9% in 2010 compared with 2009 and a further decrease of 2.2% in 2011 compared with 2010. More specifically, the production of potatoes amounted to 944.5 thousand tonnes in 2009 and 926.7 thousand tonnes in 2010 and to 905.9 thousand tonnes in 2011. (Table 2, Graph 4).
- The production of **tomatoes** (total) recorded a decrease of 3.8% in 2010 compared with 2009 and a further decrease of 12.3% in 2011 compared with 2010. More specifically, the production of tomatoes amounted to 1,533.9 thousand tonnes in 2009, to 1,475.7 thousand tonnes in 2010 and to 1,294.6 thousand tonnes in 2011. (Table 2, Graph 4).
- The production of **must** decreased by 5.2% in 2010 in comparison with 2009 and by 3.5% in 2011 compared with 2010. More specifically, the production of must amounted to 357.7 thousand tonnes in 2009, to 339.1 thousand tonnes in 2010 and to 327.1 thousand tonnes in 2011 (Table 2, Graph 6).
- The production of **oranges** recorded a decrease of 6.7% in 2010 in comparison with 2009 and a further decrease of 6.4% was observed in 2011 compared with 2010. More specifically, the production of oranges amounted to 969.9 thousand tonnes in 2009, to 905.1 thousand tonnes in 2010 and to 847.3 thousand tonnes in 2011 (Table 2, Graph 5).
- The production of **peaches-nectarines** recorded an increase of 3.6% in 2010 compared with 2009 while a decrease of 0.2% was observed in 2011 compared with 2010. More specifically, the production of peaches-nectarines amounted to 794.1 thousand tonnes in 2009, to 822.3 thousand tonnes in 2010 and to 821.0 thousand tonnes in 2011 (Table 2, Graph 5).
- The production of **olive oil** recorded a decrease of 7.6% in 2010 compared with 2009 while an increase of 22.5% was observed in 2011 compared with 2010. More specifically, the production of olive oil amounted to 325.2 thousand tonnes in 2009, to 300.5 thousand tonnes in 2010 and to 368.1 thousand tonnes in 2011 (Table 2, Graph 6).

Graph 4. Production of main agricultural products from arable crops, 2009 - 2011
in thousand tonnes



Graph 5. Production of main agricultural products from perennial crops, 2009 - 2011
in thousand tonnes



Graph 6. Production of olive oil and must, 2009 - 2011
in thousand tones

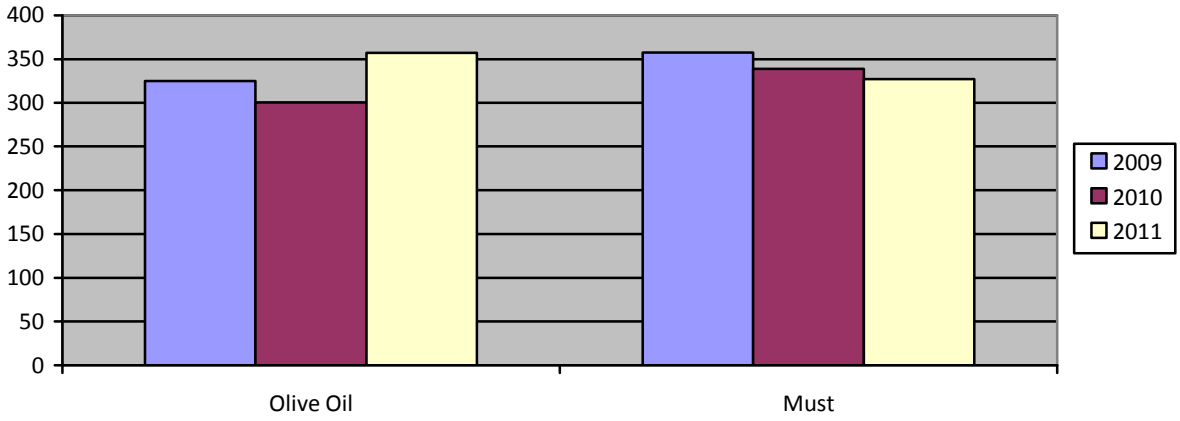


Table 2. Production of agricultural products. Greece total, 2009 - 2011

in thousand tonnes

Crop type	2009	2010	2011	Change (%) 2009/2010	2010/2011
1.1 Cereals for grain					
Common wheat	482.7	415.8	441.5	-13.9	6.2
Durum wheat	1,656.8	1,504.5	1,416.0	-9.2	-5.9
Barley	341.1	311.1	319.0	-8.8	2.5
Rice	215.0	208.2	250.7	-3.1	20.4
Maize	2,414.5	2,138.5	2,291.8	-11.4	7.2
Other cereals	133.3	130.9	131.6	-1.8	0.5
1.2 Edible pulses					
Beans	19.6	20.2	22,7	3.1	12.6
Chickpeas	3.1	3.4	3.7	8.8	9,4
Lentils	3.7	4.0	4.8	8.7	19,6
Other edible pulses	4.2	4.2	4.7	0.5	12,9
1.3 Industrial plants					
Tobacco	26.8	29.9	32.0	11.8	7.2
Cotton	827.9	710.5	814.5	-14.2	14.6
Sunflower	46.1	116.0	147.7	151.6	27.3
Groundnuts	1.7	1.9	2.0	11.3	4.6
Sugar beets	1,409.3	889.4	581.5	-36.9	-34.6
1.4 Fodder plants	2,425.7	2,490.2	2,457.6	2.7	-1.3
1.5 Melons and water melons					
Water melons	636.8	643.1	639.2	1.0	-0.6
Melons	191.4	185.4	176.6	-3.2	-4.7
1.6 Potatoes	944.5	926.7	905.9	-1.9	-2.2
2. Vegetables					
Tomatoes	1,533.9	1,475.7	1294.6	-3.8	-12.3
Industrial tomatoes	873.3	811.8	643.9	-7.0	-20.7
Tomatoes grown in the open	409.2	405.0	400.3	-1.0	-1.2
Tomatoes grown in greenhouses	251.4	259.0	250.4	3.0	-3.3
Green beans	71.1	69.9	68.3	-1.6	-2.3
Cabbages - cauliflowers	229.7	223.7	230.1	-2.6	2.9
Lettuce	86.2	82.6	83.7	-4.1	1.3
3. Permanent crops					
3.1 Vineyards: grapes and raisins					
Wine	554.9	545.3	512.3	-1.7	-6,1
Table grapes	180.9	174.9	147.5	-3.3	-15.7
Vines for currants	155.3	179.2	173.2	15.4	-3.3
Must	357.7	339.1	327.1	-5.2	-3.5
3.2 Compact plantations					
3.2.1 Citrus trees					
Lemon trees	76.9	79.5	80.0	3.4	0.6
Orange trees	969.9	905.1	847.3	-6.7	-6.4
Mandarin trees	133.7	137.1	144.3	2.6	5.3

3.2.2 Fruit trees					
Pear trees	72.0	76.5	90.3	6.3	18.0
Apples trees	268.3	273.8	274.1	2.0	0.1
Peach - Nectarine trees	794.1	822.3	821.0	3.6	-0.2
Apricot trees	60.2	62.7	66.8	4.2	6.5
Cherry trees	48.4	44.9	49.4	-7.2	10.0
3.2.3 Nut trees					
Almond trees	39.6	43.2	40.1	9.3	-7.2
Walnut trees	22.4	22.6	22.9	0.9	1.3
Pistachio trees	8,0	7,8	8,0	-2,9	2,6
Fig trees	10.0	9.6	10.9	-4.2	13.5
3.2.4 Olives					
Olives for oil	2,125.7	2,250.7	2,217.5	5.9	-1.5
Edible olives	274.9	308.9	273.5	12.4	-11.5
Olive oil	325,2	300,5	357.2	-7,6	18.9

Note: Any discrepancies in the sums are due to rounding.

C. ANIMAL CAPITAL: NUMBER OF ANIMALS AND PRODUCTION OF LIVESTOCK PRODUCTS

1. Number of animals

The most significant changes in the number of animals, by groups and species, are the following:

- The total number of **bovine animals** did not record any significant change in 2010 compared with 2009 whereas in 2011 a decrease of 0.7% was observed compared with 2010. More specifically, the number of cattle amounted to 628,977 in 2009, to 629,004 in 2010 and to 624,852 in 2011 (Table 3, Graph 7).
- The total number of **pigs** decreased by 2.6% in 2010 compared with 2009 and by 2.3% in 2011 compared with 2010. More specifically, the number of pigs amounted to 861,696 in 2009, to 839,630 in 2010 and to 819,954 in 2011 (Table 3, Graph 7).
- The total number of **sheep** recorded a decrease of 0.3% in 2010 compared with 2009 while an increase of 0.1% was observed in 2011 compared with 2010. More specifically, the number of sheep amounted to 8,931,392 in 2009, to 8,903,667 in 2010 and to 8,913,929 in 2011 (Table 3, Graph 7).
- The total number of **goats** decreased by 1.1% in 2010 compared with 2009 and by 2.2% in 2011 compared with 2010. More specifically, the number of goats amounted to 5,180,391 in 2009, to 5,122,705 in 2010 and to 5,009,904in 2011 (Table 3, Graph 7).
- The total number of **hens** recorded an increase of 4.2% in 2010 compared with 2009 while a decrease of 3.2% was observed in 2011 compared with 2010. More specifically, the number of hens amounted to 27,841.075 in 2009, to 29,018,971 in 2010 and to 28,079,791 in 2011 (Table 3).
- The total number of **rabbits** increased by 0.1% in 2010 compared with 2009 and further by 2.9% in 2011 compared with 2010. More specifically, the number of rabbits amounted to 1,192,350 in 2009, to 1,193,255 in 2010 and to 1,228,438 in 2011 (Table 3, Graph 7)
- The total number of **beehives** increased by 2.6% in 2010 compared with 2009 and by 0.3% in 2011 compared with 2010. More specifically, the number of beehives amounted to 1,386,286 in 2009, to 1,422.543 in 2010 and to 1.427.436 in 2011 (Table 3, Graph 7).

Graph 7. Number of animals by species, 2009 - 2011

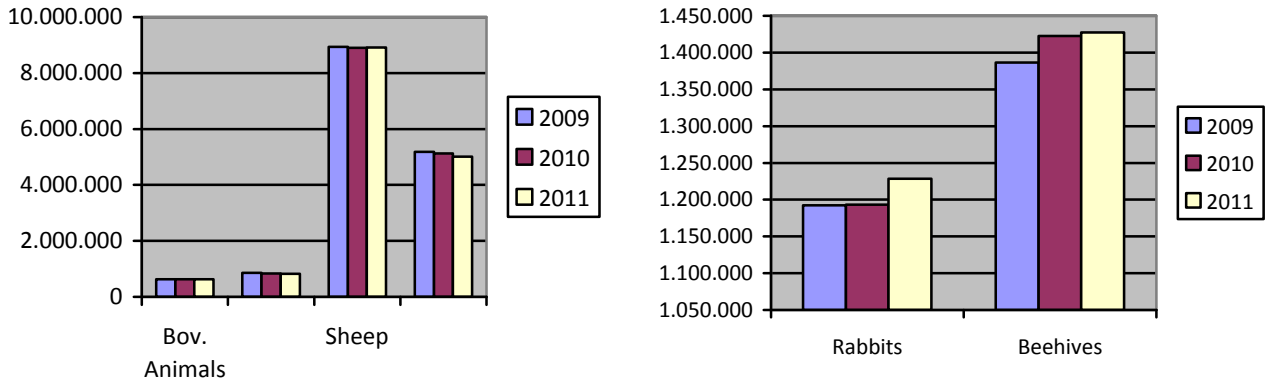


Table 3. Number of animals by species. Greece total, 2009 - 2011

Number of animals or beehives				Change (%)	
Animal species	2009	2010	2011	2009/2010	2010/2011
Bovine animals	**628,977**	**629,004**	**624,852**	**0.0**	**-0.7**
Pigs	**861,696**	**839,630**	**819,954**	**-2.6**	**-2.3**
Sheep	**8,931,392**	**8,903,667**	**8,913,929**	**-0.3**	**0.1**
Goats	**5,180,391**	**5,122,705**	**5,009,904**	**-1.1**	**-2.2**
Poultry					
Hens	27,841,075	29,018,971	28,079,791	4.2	-3.2
Geese	29,363	29,498	29,286	0.5	-0.7
Ducks	53,632	52,256	52,828	-2.6	1.1
Turkeys	93,263	104,946	97,020	12.5	-7.6
Ostriches	4,513	3,744	2,934	-17.0	-21.6
Rabbits	**1,192,350**	**1,193,255**	**1,228,438**	**0.1**	**2.9**
Beehives	**1,386,286**	**1,422,543**	**1,427,436**	**2.6**	**0.3**

2. Production of meat

The most significant changes in the production of meat, by animal species, are the following:

- the total production of **meat of bovine animals** recorded a decrease of 2.7% in 2010 compared with 2009 and a further decrease of 2.7% in 2011 compared with 2010. More specifically, the production of meat of bovine animal amounted to 74.0 thousand tonnes in 2009, to 72.0 thousand tonnes in 2010 and to 70,0 thousand tonnes in 2011 (Table 4, Graph 8).
- the total production of **pig meat** decreased by 3.5% in 2010 compared with 2009 while an increase of 0.6% was observed in 2011 compared with 2010. More specifically the production of pig meat amounted to 98.7 thousand tonnes in 2009, to 95.2 thousand tonnes in 2010 and to 95.8 thousand tonnes in 2011 (Table 4, Graph 8).
- the total production of **sheep meat** increased by 0.7% in 2010 compared with 2009 while it decreased by 2.1% in 2011 compared with 2010. More

specifically the production of sheep meat amounted to 94.1 thousand tonnes in 2009, to 94.8 thousand tonnes in 2010 and to 92.8 thousand tonnes in 2011 (Table 4, Graph 8).

- the total production of **goat meat** decreased by 0.3% in 2010 compared with 2009 and by 0.9% in 2011 compared with 2010. More specifically, the production of meat of goats amounted 53.7 thousand tonnes in 2009, to 53.6 thousand tonnes in 2010 and to 53.1 thousand tonnes in 2011 (Table 4, Graph 8).
- the total production of **poultry meat** (except ostriches) recorded an increase of 3.0% in 2010 compared with 2009 while a decrease of 4,0% was observed in 2011 compared with 2010. More specifically, the production of poultry meat amounted to 110.3 thousand tonnes in 2009, to 113.7 thousand tonnes in 2010 and to 109.1 thousand tonnes in 2011 (Table 4, Graph 8).
- the total production of **ostrich meat** recorded a decrease of 24.0% in 2010 compared with 2009 and a further decrease of 33.3% was observed in 2011 compared with 2010. More specifically, the production of meat of ostriches amounted to 0.4 thousand tonnes in 2009, to 0.3 thousand tonnes in 2010 and to 0.2 thousand tonnes in 2011. (Table 4).
- the total production of **rabbit meat** decreased by 3.2% in 2010 compared with 2009 whereas no change was observed in 2011 compared with 2010. More specifically, the production of rabbit meat amounted to 7.1 thousand tonnes in 2009, to 6.9 thousand tonnes in 2010 and to 6.9 thousand tonnes in 2011 (Table 4, Graph 8).

Graph 8. Production of meat by animal species. Greece total 2009 - 2011
in thousand tonnes

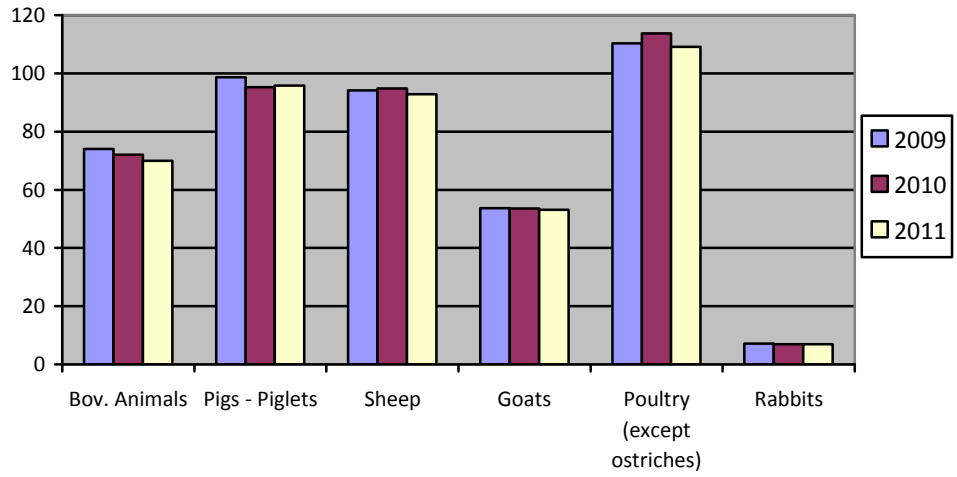


Table 4. Production of meat by animal species. Greece total, 2009 - 2011

in thousand tonnes				Change (%)	
Animal species	2009	2010	2011	2009/2010	2010/2011
Bovine animals	**74.0**	**72.0**	**70.0**	**-2.7**	**-2.7**
Calves younger than 1 year	18.2	17.3	16.7	-4.5	-3,5
Calves 1-2 years	47.3	45.8	43.0	-3.1	-6.1
Heifers and cattle more than 2 years	8.6	8.9	10.3	3.9	15.7
Pigs-piglets	**98.7**	**95.2**	**95.8**	**-3.5**	**0.6**
Piglets	7.6	7.8	8.1	1.6	3.8
Pigs	91.0	87.5	87.7	-3.9	0.2

Sheep	**94.1**	**94.8**	**92.8**	**0.7**	**-2.1**
Lambs	75.9	76.0	74.2	0.2	-2.4
Sheep older than 1 year	18.2	18.7	18.6	2.7	-1.1
Goats	**53.7**	**53.6**	**53.1**	**-0.3**	**-0.9**
Goat kids	42.6	42.3	41.9	-0.8	-0.9
Goats older than 1 year	11.1	11.3	11.2	1.4	-0.9
Poultry (except ostriches)	**110.3**	**113.7**	**109.1**	**3.0**	**-4.0**
Ostriches	**0.4**	**0.3**	**0.2**	**-24.0**	**-33.3**
Rabbits	**7.1**	**6.9**	**6.9**	**-3.2**	**0.0**

3. Production of livestock products

The most significant changes in the production of livestock products, in terms of volume of production, are the following:

- The total production of **milk** recorded a decrease of 0.3% in 2010 in comparison with 2009 and a further decrease of 0.7% in 2011 compared with 2010. More specifically, the total production of milk amounted to 2,051.1 thousand tonnes in 2009, to 2,044.0 thousand tonnes in 2010 and to 2,029.1 thousand tonnes in 2011 (Table 5, Graph 9).
- the total production of **soft cheese** decreased by 2.0% in 2010 compared with 2009 and by 3.7% in 2011 compared with 2010. More specifically, the production of soft cheese amounted to 122.4 thousand tonnes in 2009, to 119.9 thousand tonnes in 2010 and to 115.5 thousand tonnes in 2011 (Table 5, Graph 9).
- The total production of **eggs** recorded a decrease of 0.3% in 2010 compared with 2009 and a further decrease of 11.9% in 2011 compared with 2010. More specifically, the production of eggs amounted to 1,925.5 million in 2009, to 1,919.1 million in 2010 and to 1,691.2 million in 2011 (Table 5, Graph 9).

Graph 9. Production of milk and livestock products, 2009 – 2011
in thousand tones

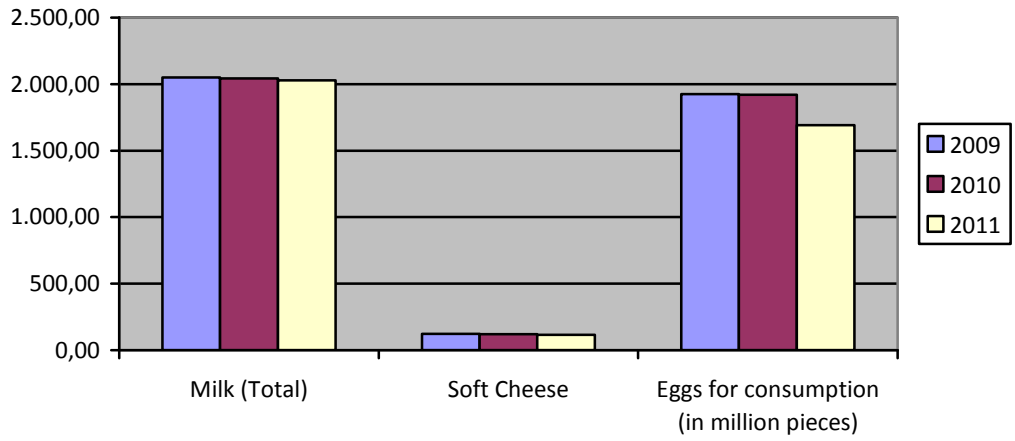


Table 5. Production of milk (by animal species) and livestock products. Greece total, 2009 – 2011

in thousand tonnes

Milk (by animal species)	2009	2010	2011	Change (%) 2009/2010	2010/2011
Milk, total	**2,051.1**	**2,044.0**	**2,029.1**	**-0.3**	**-0.7**
Cow milk	802.8	799.7	778.4	-0.4	-2.7
Sheep milk	764,4	772,6	780,3	1,1	1,0
Goat milk	483.9	471.7	470.1	-2.5	-0.3
Livestock products					.
Cheese, soft	122.4	119.9	115.5	-2.0	-3.7
Cheese, hard	37.9	39.3	37.1	3.6	-5.6
Butter, fresh	1.5	1.5	1.4	-0.9	-6.7
Butter, melted	0.5	0.5	0.5	-1.4	0.0
Myzithra cheese	15.2	15.3	15.2	0.8	-0.7
Cream, fresh	5.1	4.8	4.3	-7.2	-10.4
Honey	15.6	16.2	16.3	4.1	0.6
Eggs *(*million pieces)	1,925.5	1,919.1	1,691.2	-0.3	-11.9

D. AGRICULTURAL MACHINERY

The most significant changes in the number of agricultural machinery[4] are as follows:

- **Agricultural tractors** slightly decreased by 0.1% in 2010 compared with 2009 while they increased by 0.5% in 2011 compared with 2010. More specifically, the number of the agricultural tractors, which were used, amounted to 390,922 in 2009, to 390,407 in 2010 and to 392,310 in 2011.(Table 6).
- **Spraying machines** slightly increased by 0.4% in 2010 compared with 2009 and by 0.2% in 2011 compared with 2010. More specifically, the number of the spraying machines, which were used, amounted to 228,378 in 2009, to 229,311 in 2010 and to 229,742 in 2011 (Table 6).
- **Electric irrigation pumps** recorded a slight increase of 0.1% in 2010 in comparison with 2009 and a further increase by 0.5% in 2011 compared with 2010. More specifically, the number of the electric irrigation pumps, which were used, amounted to 150,969 in 2009, to 151,118 in 2010 and to 151,870 in 2011 (Table 6).
- **Sprinkling units** decreased by 2.6% in 2010 compared with 2009 while an increase of 0.5% was observed 2011 compared with 2010. More specifically, the number of the sprinkling units, which were used, amounted to 151,857 in 2009, to 147,910 in 2010 and to 148,599 in 2011 (Table 6).
- **Drop irrigation systems** increased by 0.8% in 2010 compared with 2009 and further by 3.8% in 2011 compared with 2010. More specifically, the number of drop irrigation systems, which were used, amounted to 143,162 in 2009, to 144,258 in 2010 and to 149,744 in 2011 (Table 6).
- **Petrol pruning saws** increased by 1.5% in 2010 compared with 2009 and by 1.8% in 2011 compared with 2010. More specifically, the number of the petrol pruning saws, which were used, amounted to 242,359 in 2009, to 245,920 in 2010 and to 250,306 in 2011 (Table 6).

[4] It refers to the agricultural machinery which was used, except state agricultural machinery.

Table 6. Agricultural machinery, 2009 - 2011

Type of machinery	2009	2010	2011	Change (%) 2009/2010	2010/2011
Agricultural tractors	390.922	390.407	392.310	-0,1	0,5
Seed drills	60,756	60,081	60,509	-1.1	0.7
Potato planters	1,706	2,101	2,246	23.2	6.9
Spraying machines	228,378	229,311	229,742	0.4	0.2
Combine harvesters	5,639	5,522	5,537	-2.1	0.3
Harvesters, simple	7,295	7,246	6,952	-0.7	-4.1
Harvesters of any type	1,316	1,322	1,322	0.5	0.0
Simple choppers	12,272	12,474	12,412	1.6	-0.5
Cotton harvesters	3,863	3,807	3,875	-1.4	1.8
Sugar beet harvesters	686	648	561	-5.5	-13.4
Potato harvesters	3,968	4,332	4,421	9.2	2.1
Other harvesting machinery	248	278	305	12.1	9.7
Irrigation pumps					
Diesel pumps	98,001	98,059	97,294	0.1	-0.8
Petrol pumps	60,460	59,173	57,321	-2.1	-3.1
Electric pumps	150,969	151,118	151,870	0.1	0.5
Other pumps (steam, windmill pumps, etc) and well windlasses	2,688	3,145	3,665	17.0	16.5
Irrigation systems					
Sprinkling units	151,857	147,910	148,599	-2.6	0.5
Self -propelled sprinkler clusters with injectors	47,628	47,101	48,012	-1.1	1.9
Self -propelled sprinkler clusters with ramp – mists	11,936	13,087	13,104	9.6	0.1
Drop irrigation systems	143,162	144,258	149,744	0.8	3.8
Other machinery					
Hatchers	595	633	510	6.4	-19.4
Milking machines	13,809	13,958	13,387	1.1	-4.1
Cream separators	912	961	946	5.4	-1.6
Corn graders	2,319	2,266	1,807	-2.3	-20.3
Maize Sheller	798	779	690	-2.4	-11.4
Cotton gins	161	182	152	13.0	-16.5
Tobacco threading machines	18,500	17,724	14,506	-4.2	-18.2
Pruning machines	242,359	245,920	250,306	1.5	1.8
Honey extraction machines	2,172	2,089	2,667	-3.8	27.7

EXPLANATORY NOTES

Annual Agricultural Statistical Survey

The Hellenic Statistical Authority in cooperation with the central and regional offices of the Ministry of Rural Development and Food, the local authorities, the local government bodies and the Rural Guard (municipal, communal secretary - statistical reporters- rural guards), as well as with the experienced inhabitants of the rural settlements has been conducting since 1961 the Annual Statistical Survey on Agriculture and Livestock.

Purpose of the survey

The purpose of the survey is to collect statistical data on the cultivated areas under several crops and on the production of agricultural and livestock products, as well a the agricultural machinery used. The data are necessary for drawing the agricultural policy of the country but also for covering other national and international needs and obligations.

Legal Framework

The legal frame for the conduct of the annual statistical agricultural survey is the Royal Decree No 111/15-2-1962 and the Joint Ministerial Decisions No 8710/Γ2-1246/5-8-2010 and 2198/Γ2-248/24-2-2012 signed by the Minister of National Economy and the Deputy Minister of Interior, Public Administrations and Decentralization, as well as the relevant joint ministerial decision issued every year pertaining to the Approval, open tender and assignment of the conduct of the Annual Agricultural Statistical Survey and approval of the competent bodies for the survey conduct and their remuneration.

Reference Period

The survey refers to the years 2009 and 2010.

Methodology and Coverage

The statistical unit of this survey is the land area within the administrative boundaries of each communal/municipal department of the country according to “Kapodistrias Plan” and “Kallikratis Plan”. The survey covers, on a census basis, all the above-mentioned administrative departments except the area of Agion Oros, for which no data are collected.

Publication of data

The survey results are available on a yearly basis since 1961.

References

More information on the results of the survey is available on the ELSTAT website www.statistics.gr, under the link “Statistical themes” > Agriculture> Cultivated areas.