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PRESS RELEASE

ANNUAL AGRICULTURAL STATISTICAL SURVEY 2009 and 2010

The Hellenic Statistical Authority (ELSTAT) announces the final results of the Annual Agricultural Statistical Survey for the years 2009 and 2010.

A. CULTIVATED AREAS

The total utilized agricultural area (arable land, crops under vegetables, permanent crops and fallow land) decreased by 0.2% in 2009 compared with 2008 and by 0.4% in 2010 compared with 2009.
More specifically, the **total utilized agricultural area** (arable land, crops under vegetables, permanent crops and fallow land) amounted to 36,938.1 thousand stremmas[1] in 2008, 36,853.5 in 2009 and 36.709,3 thousand stremmas in 2010 (Table 1).

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

- In 2008, 54.3% of the cultivated area (20,056.6 thousand stremmas) was used for arable farming, 2.8% (1,028.5 thousand stremmas) was used for vegetables, 30.8% (11,380.6 thousand stremmas) for permanent crops and 12.1% (4,472.4 thousand stremmas) was fallow land (Table 1, Graph 1).
- In 2009, 53.8% 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 2).
- 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 3).

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 **hard wheat** recorded an increase of 7.1% in 2009 compared with 2008, while a decrease of 4.2% was observed in 2010, compared with 2009. More specifically, the cultivated areas under hard wheat amounted to 5,672.0 thousand stremmas in 2008, 6,077 thousand stremmas in 2009 and 5,821.8 thousand stremmas in 2010 (Table 1).
- The cultivated areas under **grain maize** decreased by 14.0% in 2009 compared with 2008 and by 11.0% in 2010 compared with 2009. More specifically, the areas

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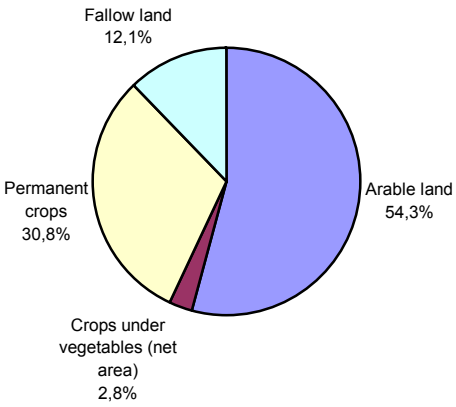
[1] 1 stremma = 1,000 m^2

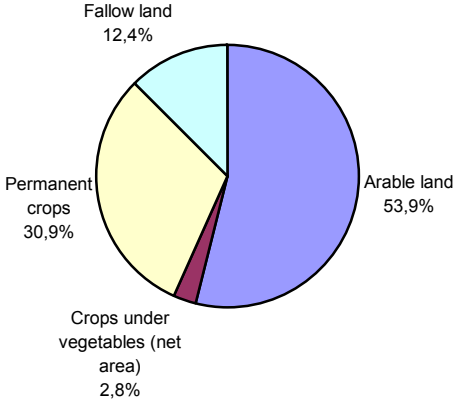
under maize amounted to 2,690.8 thousand stremmas in 2008, 2,314.4 thousand stremmas in 2009 and 2,059.8 thousand stremmas in 2010 (Table 1).

- The cultivated areas under **cotton** recorded a decrease of 14.4% in 2009 compared with 2008, while an increase of 3.7% was recorded in 2010 compared with 2009. More specifically, the areas under cotton amounted to 3,120.7 thousand stremmas in 2008, 2,669.9 thousand stremmas in 2009 and 2,769.2 thousand stremmas in 2010 (Table 1).
- The cultivated area under **tomatoes** (total) recorded an increase of 4.2% in 2009 compared with 2008 while a decrease of 2.4% was observed in 2010 compared with 2009. More specifically, the cultivated areas under tomatoes amounted to 312.7 thousand stremmas in 2008, 325.8 thousand stremmas in 2009 and 317.8 thousand stremmas in 2010 (Table 1).
- The cultivated areas under **vines** decreased by 2.0% in 2009 compared with 2008 and by 3.8% in 2010 compared with 2009. More specifically, the areas under vines amounted to 1,238.6 thousand stremmas in 2008, 1,214.1 thousand stremmas in 2009 and 1,168.2 thousand stremmas in 2010 (Table 1).
- The cultivated areas under **oranges** decreased by 2.4% in 2009 compared with 2008 and by 0.6% in 2010 compared to 2009. More specifically, the cultivated areas under peaches-nectarines amounted to 399.7 thousand stremmas in 2008, 390.0 in 2009 and 387.7 thousand stremmas in 2010 (Table 1).
- The cultivated areas under **peaches-nectarines** increased by 0.5% in 2009 compared with 2008 and by 0.1% in 2010 compared to 2009. More specifically, the cultivated areas under peaches-nectarines amounted to 437.3 thousand stremmas in 2008, 439.3 in 2009 and 439.5 thousand stremmas in 2010 (Table 1).
- The cultivated area under **olives for oil** recorded a slight increase of 0.3% in 2009 compared with 2008 and a further increase of 0.8% in 2010 compared with 2009. More specifically, the cultivated areas under olives for oil amounted to 6,630.8 thousand stremmas in 2008, 6,653.7 in 2009 and 6,703.6 thousand stremmas in 2010(Table 1).

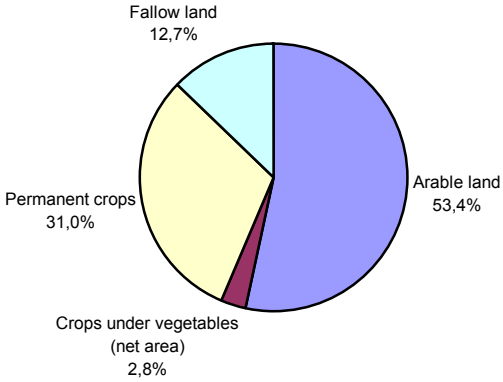
Graph 1. Percentage distribution of the cultivated agricultural area by categories, 2008



Graph 2. Percentage distribution of the cultivated agricultural area by categories, 2009



Graph 3. Percentage distribution of the cultivated agricultural area by categories, 2010



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

Table 1. Area under cultivation by type of crop. Greece total, 2008 - 2010

in thousand stremmas

Crop type	2008	2009	2010	Change (%) 2008/2009	Change (%) 2009/2010
Total cultivated agricultural land	**36,938.1**	**36,853.5**	**36,709.3**	**-0.2**	**-0.4**
Irrigated	14,236.3	13,771.0	13,718.0	-3.3	-0.4
1. **Arable land**	**20,056.6**	**19,854.9**	**19,619.2**	**-1.0**	**-1.2**
Irrigated	8,900.4	8,410.0	8,368.0	-5.5	-0.5
2. **Crops under vegetables (net area)**	**1,028.5**	**1,048.9**	**1,041.3**	**2.0**	**-0.7**
Irrigated	1,000.5	1,023.1	1,014.7	**2.3**	-0.8
3. **Permanent crops**[2]	**11,380.6**	**11,391.1**	**11,373.7**	**0.1**	**-0.2**
Irrigated	4,335.4	4,337.9	4,335.3	0.1	-0.1
4. **Fallow land**	**4,472.4**	**4,558.6**	**4,675.1**	**1.9**	**2.6**
Total arable land, crops under vegetables and permanent crops					
1.1 Cereals for grain	**12,350.7**	**12,299.6**	**11,576.3**	**-0.4**	**-5.9**
Common wheat	1,798.9	1,720.7	1,553.0	-4.3	-9.7
Durum wheat	5,672.1	6,077.4	5,821.8	7.1	-4.2
Barley	1,288.7	1,277.7	1,207.6	-0.9	-5.5
Rice	251.3	280.3	300.5	11.5	7.2
Maize	2,690.8	2,314.4	2,059.8	-14.0	-11.0
Other cereals	648.9	629.1	633.6	-3.1	0.7
1.2 Edible pulses	**174.2**	**183.4**	**193.8**	**5.2**	**5.7**
Beans	92.7	94.4	96.2	1.9	1.9
Chickpeas	27.8	27.5	29.5	-1.0	7.5
Lentils	25.6	33.8	41.1	32.0	21.7
Other edible pulses	28.2	27.7	27.0	-1.9	-2.5
1.3 Industrial Plants	**3,564.6**	**3,328.4**	**3,765.8**	**-6.6**	**13.1**
Tobacco	160.0	160.2	160.4	0.2	0.1
Cotton	3,120.7	2,669.9	2,769.2	-14.4	3.7
Sunflower	125.1	234.3	534.8	87.3	128.2
Groundnuts	3.8	5.0	5.6	32.8	10.4
Sugar beets	139.5	221.8	156.0	59.0	-29.7
Other industrial plants	15.5	37.1	139.7	138.6	276.8
1.4 Aromatic plants	**16.9**	**19.9**	**23.1**	**17.5**	**16.2**
1.5 Fodder plants	**3,521.4**	**3,564.5**	**3,584.9**	**1.2**	**0.6**
1.6 Melons and water melons	**261.2**	**258.9**	**257.5**	**-0.9**	**-0.5**
Water melons	171.9	169.8	168.2	-1.2	-0.9
Melons	89.3	89.0	89.2	-0.3	0.2
1.7 Potatoes	**455.5**	**456.2**	**448.0**	**0.1**	**-1.8**
2.1 Vegetalbe crops	**1,102.3**	**1,120.8**	**1,105.0**	**1.7**	**-1.4**
Tomatoes	312.7	325.8	317.8	4.2	-2.4
Industrial tomatoes	130.8	145.0	138.3	10.9	-4.6
Tomatoes grown in the open	147.8	146.4	144.7	-1.0	-1.1
Tomatoes grown in greenhouses	34.1	34.3	34.8	0.7	1.3
Green beans	73.0	75.5	74.0	3.5	-2.0
Cabbages – cauliflowers	123.0	120.6	118.7	-2.0	-1.6
Lettuce	54.7	56.1	55.0	2.5	-1.9
Other vegetables	538.9	542.9	539.5	0.8	-0.6

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

2.2 Market flower gardens	**7.4**	**6.4**	**7.0**	**-12.8**	**8.7**
2.3 Greenhouses[3]	**57,4**	**56,8**	**56,8**	**-1,0**	**-0,2**
3. Permanent crops	**11,380.6**	**11,391.1**	**11,373.7**	**0.1**	**-0.2**
3.1 Vineyards: grapes and raisins (total)	**1,238.6**	**1,214.2**	**1,168.2**	**-2.0**	**-3.8**
Vines for wine	691.1	682.1	672.2	-1.3	-1.5
Vines for table grapes	116.6	114.0	109.7	-2.3	-3.7
Vines for currants	431.0	418.1	386.3	-3.0	-7.6
3.2 Trees in compact plantations					
3.2.1 Citrus trees	**577.0**	**567.7**	**552.6**	**-1.6**	**-2.7**
Lemon trees	103.1	102.2	88.4	-0.9	-13.5
Orange trees	399.7	390.0	387.7	-2.4	-0.6
Mandarin trees	70.2	71.6	72.6	2.0	1.4
Other citrus trees	3.9	3.9	3.9	-0.1	-0.6
3.2.2 Fruit trees	**845.9**	**858.9**	**866.6**	**1.5**	**0.9**
Pear trees	43.8	43.0	42.8	-1.8	-0.6
Apples trees	134.3	135.7	134.4	1.0	-0.9
Peach - Nectarine trees	437.3	439.3	439.5	0.5	0.1
Apricot trees	57.0	59.0	58.0	3.4	-1.6
Cherry trees	99.1	103.0	104.6	3.9	1.6
Other fruit trees	74.4	78.9	87.3	6.1	10.6
3.2.3 Nut trees	**464.5**	**462.3**	**450.7**	**-0.5**	**-2.5**
Almond trees	165.8	165.0	161.2	-0.5	-2.3
Walnut trees	93.5	94.1	91.6	0.6	-2.6
Pistachio trees	47.1	44.3	43.6	-5.8	-1.8
Fig trees	60.7	60.2	59.7	-1.0	-0.8
Other	97.5	98.8	94.7	1.3	-4.2
3.2.4 Olives	**7,979.1**	**8,015.3**	**8,064.5**	**0.5**	**0.6**
Olives for oil	6,630.8	6,653.7	6,703.6	0.3	0.8
Edible olives	1,348.3	1,361.7	1,360.9	1.0	-0.1
3.2.5 Other trees	**271.7**	**272.8**	**271.0**	**0.4**	**-0.6**

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

B. PRODUCTION OF AGRICULTURAL PRODUCTS

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

- The production of **durum wheat** increased by 7.7% in 2009 compared with 2008, while it decreased by 9.2% in 2010 in comparison with 2009. More specifically, the production of durum wheat amounted to 1,538.5 thousand tonnes in 2008, 1,656.8 thousand tonnes in 2009 and 1,504.5 thousand tonnes in 2010 (Table 2, Graph 4).
- The production of **grain maize** decreased by 14.4% in 2009 compared with 2008 and by 11.4% in 2010 in comparison with 2009. More specifically, the production of grain maize amounted to 2,820.2 thousand tonnes in 2008, 2,414.5 in 2009 and 2,138.5 thousand tonnes in 2010 (Table 2, Graph 4).
- The production of **cotton** decreased by 7.8% in 2009 compared with 2008 and by 14.2% in 2010 in comparison with 2009. More specifically, the production of cotton amounted to 897.6 thousand tonnes in 2008, 827.9 in 2009 and 710.5 thousand tonnes in 2010 (Table 2, Graph 4).
- The production of **sugar beets** recorded an increase of 70.2% in 2009 compared with 2008, while a decrease of 36.9% was observed in 2010 compared with 2009. More

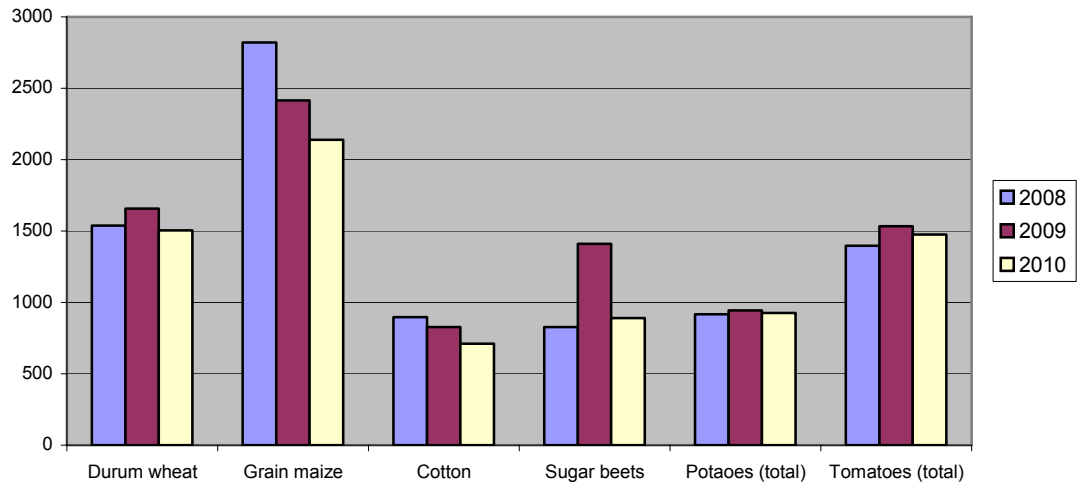
[3] Also included greenhouses with vegetables and flowers. Vegetables include tomatoes, cucumbers, etc.

specifically, the production of sugar beets amounted to 828.0 thousand tonnes in 2008, 1,409.3 tonnes in 2009 and 889.4 thousand tonnes in 2010 (Table 2, Graph 4).

- The production of **potatoes** (total) recorded an increase of 3.1% in 2009 in comparison with 2008, while a decrease of 1.9% was observed in 2010 compared with 2009. More specifically, the production of potatoes amounted to 916.5 thousand tonnes in 2008, 944.5 in 2009 and 926.7 thousand tonnes in 2010. (Table 2, Graph 4).
- The production of **tomatoes** (total) recorded an increase of 9.8% in 2009 in comparison with 2008, while a decrease of 3.8% was observed in 2010 compared with 2009. More specifically, the production of tomatoes amounted to 1,397.4 thousand tonnes in 2008, 1,533.9 in 2009 and 1,475.7 thousand tonnes in 2010. (Table 2, Graph 4).
- The production of **must** decreased by 1.2% in 2009 compared with 2008 and by 5.2% in 2010 in comparison with 2009. More specifically, the production of must amounted to 362.1 thousand tonnes in 2008, 357.7 in 2009 and 339.1 thousand tonnes in 2010 (Table 2, Graph 6).
- The production of **oranges** recorded an increase of 12.0% in 2009 compared with 2008, while a decrease of 6.7% was observed in 2010 in comparison with 2009. More specifically, the production of oranges amounted to 865.9 thousand tonnes in 2008, 969.9 in 2009 and 905.1 thousand tonnes in 2010 (Table 2, Graph 5).
- The production of **peaches-nectarines** recorded a decrease of 6.2% in 2009 compared with 2008, while an increase of 3.6% was observed in 2010 compared with 2009. More specifically, the production of peaches-nectarines amounted to 846.9 thousand tonnes in 2008, 794.1 in 2009 and 822.3 thousand tonnes in 2010 (Table 2, Graph 5).
- The production of **olive oil** recorded an increase of 8.5% in 2009 compared with 2008, while an decrease of 7.6% was observed in 2010 compared with 2009. More specifically, the production of olive oil amounted to 299.7 thousand tonnes in 2008, 325.2 in 2009 and 300.5 thousand tonnes in 2010 (Table 2, Graph 6).

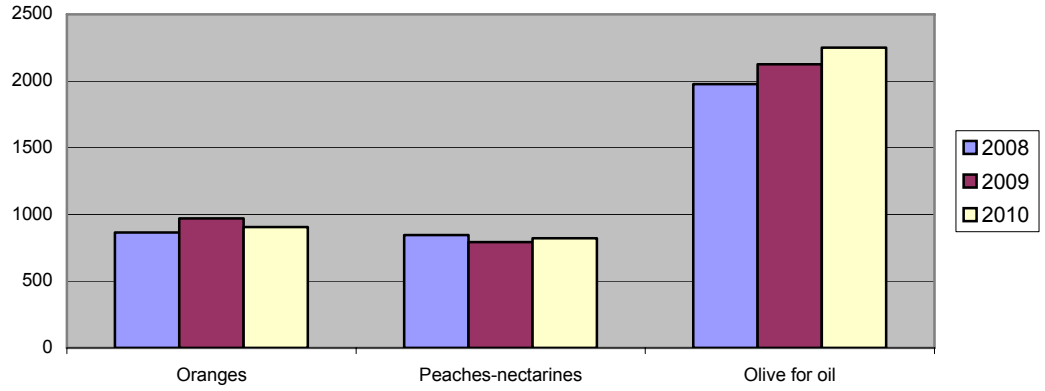
Graph 4. Production of main agricultural products (arable crops), 2008 - 2010

in thousand tonnes



Graph 5. Production of main agricultural products (perennial crops), 2008 - 2010

in thousand tonnes



Graph 6. Production of olive oil and must, 2008 - 2010

in thousand tonnes

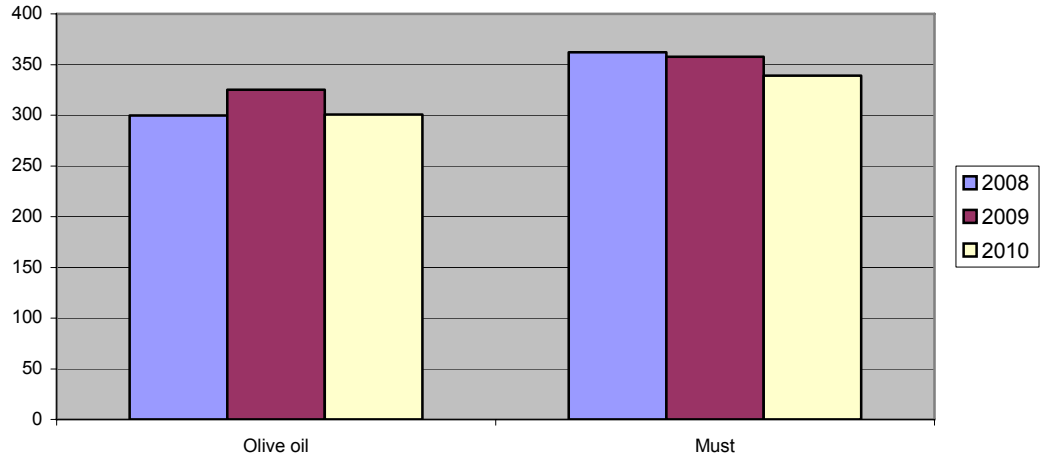


Table 2. Production of agricultural products. Greece total, 2008 - 2010

in thousand tonnes

				Change (%)	
Crop type	2008	2009	2010	2008/2009	2009/2010
1.1 Cereals for grain					
Common wheat	536.2	482.7	415.8	-10.0	-13.9
Durum wheat	1,538.5	1,656.8	1,504.5	7.7	-9.2
Barley	353.5	341.1	311.1	-3.5	-8.8
Rice	185.3	215.0	208.2	16.0	-3.1
Maize	2,820.2	2,414.5	2,138.5	-14.4	-11.4
Other cereals	135.6	133.3	130.9	-1.6	-1.8
1.2 Edible pulses					
Beans	18.7	19.6	20.2	4.7	3.1

Chickpeas	3.4	3.1	3.4	-8.1	8.8
Lentils	3.0	3.7	4.0	24.7	8.7
Other edible pulses	4.3	4.2	4.2	-2.2	0.5
1.3 Industrial plants					
Tobacco	27.1	26.8	29.9	-1.1	11.8
Cotton	897.6	827.9	710.5	-7.8	-14.2
Sunflower	21.5	46.1	116.0	114.8	151.6
Groundnuts	1.3	1.7	1.9	31.0	11.3
Sugar beets	828.0	1,409.3	889.4	70.2	-36.9
Other industrial plants	0.1	0.2	1.5	104.4	724.2
1.4 Fodder plants	2,304.0	2,425.7	2,490.2	5.3	2.7
1.5 Melons and water melons					
Water melons	655.2	636.8	643.1	-2.8	1.0
Melons	182.6	191.4	185.4	4.8	-3.2
1.6 Potatoes	916.5	944.5	926.7	3.1	-1.9
2. Vegetables					
Tomatoes	1,397.4	1,533.9	1,475.7	9.8	-3.8
Industrial tomatoes	728.1	873.3	811.8	19.9	-7.0
Tomatoes grown in the open	413.4	409.2	405.0	-1.0	-1.0
Tomatoes grown in greenhouses	255.9	251.4	259.0	-1.8	3.0
Green beans	65.5	71.1	69.9	8.5	-1.6
Cabbages - cauliflowers	235.0	229.7	223.7	-2.2	-2.6
Lettuce	84.1	86.2	82.6	2.5	-4.1
Other vegetables	996.1	988.9	1,007.8	-0.7	1.9
3. Permanent crops					
3.1 Vineyards: grapes and raisins					
Wine	560.2	554.9	545.3	-0.9	-1.7
Table grapes	158.0	180.9	174.9	14.5	-3.3
Vines for currants	129.5	155.3	179.2	19.9	15.4
Must	362.1	357.7	339.1	-1.2	-5.2
3.2 Compact plantations					
3.2.1 Citrus trees					
Lemon trees	80.9	76.9	79.5	-5.0	3.4
Orange trees	865.9	969.9	905.1	12.0	-6.7
Mandarin trees	106.8	133.7	137.1	25.1	2.6
Other citrus trees	9.1	8.8	8.4	-2.4	-4.9
3.2.2 Fruit trees					
Pear trees	70.3	72.0	76.5	2.4	6.3
Apples trees	259.8	268.3	273.8	3.3	2.0
Peach - Nectarine trees	846.9	794.1	822.3	-6.2	3.6
Apricot trees	69.1	60.2	62.7	-12.8	4.2
Cherry trees	55.5	48.4	44.9	-12.7	-7.2
Other fruit trees	126.8	133.3	138.1	5.2	3.6
3.2.3 Nut trees					
Almond trees	46.0	39.6	43.2	-13.9	9.3
Walnut trees	21.8	22.4	22.6	2.9	0.9
Pistachio trees	8.3	8.0	7.8	-3.2	-2.9

Fig trees	**8.4**	**10.0**	**9.6**	**18.5**	**-4.2**
Other	**25.3**	**27.8**	**28.4**	**9.6**	**2.2**
3.2.4 Olives					
Olives for oil	1,976.3	2,125.7	2,250.7	7.6	5.9
Edible olives	315.6	274.9	308.9	-12.9	12.4
Olive oil	299.7	325.2	300.5	8.5	-7.6
3.2.5 Other trees	12.3	11.8	12.3	-3.9	3.7

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 species, are the following:

- The total number of **cattle** recorded an increase of 0.1% in 2009 compared with 2008, while there was no significant change in 2010 compared with 2009. More specifically, the number of cattle amounted to 628,065 in 2008, 628,977 in 2009 and 629,004 in 2010 (Table 3).
- The total number of **pigs** decreased by 2.3% in 2009 compared with 2008 and by 2.6% in 2010 compared with 2009. More specifically, the number of pigs amounted to 881,691 in 2008, 861,696 in 2009 and 839,630 in 2010 (Table 3).
- The total number of **sheep** recorded an increase of 0.5% in 2009 compared with 2008, while a decrease of 0.3% was observed in 2010 compared with 2009. More specifically, the number of sheep amounted to 8,888,895 in 2008, 8,931,392 in 2009 and 8,903,667 in 2010 (Table 3).
- The total number of **goats** decreased by 1.8% in 2009 compared with 2008 and by 1.1% in 2010 compared with 2009. More specifically, the number of goats amounted to 5,274,759 in 2008, 5,180,391 in 2009 and 5,122,705 in 2010 (Table 3).
- The total number of **hens** recorded a decrease of 3.9% in 2009 compared with 2008, while an increase of 4.2% was observed in 2010 compared with 2009. More specifically, the number of hens amounted to 28,959,661 in 2008, 27,841,075 in 2009 and 29,018,971 in 2010 (Table 3).
- The total number of **beehives** increased by 0.8% in 2009 compared with 2008 and by 2.6% in 2010 compared with 2009. More specifically, the number of beehives amounted to 1,374,919 in 2008, 1,386,286 in 2009 and 1,422,543 in 2010 (Table 3).
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Table 3. Number of animals by species. Greece total, 2008 - 2010

Number of animals or beehives				Change (%)	
Animal species	2008	2009	2010	2008/2009	2009/2010
Cattle	**628,065**	**628,977**	**629,004**	**0.1**	**0.0**
Pigs	**881,691**	**861,696**	**839,630**	**-2.3**	**-2.6**
Sheep	**8,888,895**	**8,931,392**	**8,903,667**	**0.5**	**-0.3**
Goats	**5,274,759**	**5,180,391**	**5,122,705**	**-1.8**	**-1.1**
Poultry					
Hens	28,959,661	27,841,075	29,018,971	-3.9	4.2
Other poultry	181,713	180,771	190,444		
Geese	29,542	29,363	29,498	-0.6	0.5
Ducks	54,399	53,632	52,256	-1.4	-2.6

Turkeys	93,137	93,263	104,946	0.1	12.5
Ostriches	4,635	4,513	3,744	-2.6	-17.0
Rabbits	**1,205,210**	**1,192,350**	**1,193,255**	**-1.1**	**0.1**
Beehives	**1,374,919**	**1,386,286**	**1,422,543**	**0.8**	**2.6**

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 an increase of 2.2% in 2009 compared with 2008, while a decrease of 2.7% was observed in 2010 compared with 2009. More specifically, the production of meat of bovine animal amounted to 72.4 thousand tonnes in 2008, 74.0 in 2009 and 72.0 thousand tonnes in 2010 (Table 4).
- the total production of **pig meat** decreased by 4.8% in 2009 compared with 2008 and by 3.5% in 2010 compared with 2009. More specifically the production of pig meat amounted to 103.7 thousand tonnes in 2008, 98.7 in 2009 and 95.2 thousand tonnes in 2010 (Table 4).
- the total production of **sheep meat** increased by 0.6% in 2009 compared with 2008 and by 0.7% in 2010 compared with 2009. More specifically the production of sheep meat amounted to 93.5 thousand tonnes in 2008, 94.1 in 2009 and 94.8 thousand tonnes in 2010 (Table 4).
- the total production of **goat meat** decreased by 1.6% in 2009 compared with 2008 and by 0.3% in 2010 compared with 2009. More specifically, the production of meat of goats amounted to 54.6 thousand tonnes in 2008, 53.7 in 2009 and 53.6 thousand tonnes in 2010 (Table 4).
- the total production of **poultry meat** (except ostriches) recorded a decrease of 0.5% in 2009 compared with 2008, while an increase of 3.0% was observed in 2010 compared with 2009. More specifically, the production of poultry meat amounted to 110.9 thousand tonnes in 2008, 110.3 in 2009 and 113.7 thousand tonnes in 2010 (Table 4).
- the total production of **ostrich meat** recorded an increase of 0.4% in 2009 compared with 2008, while a decrease of 24.0% was observed in 2010 compared with 2009. More specifically, the production of meat of ostriches amounted to 0.4 thousand tonnes in 2008, 0.4 in 2009 and 0.3 thousand tonnes in 2010 (Table 4).
- the total production of **rabbit meat** decreased by 3.8% in 2009 compared with 2008 and by 3.2% in 2010 compared with 2009. More specifically, the production of rabbit meat amounted to 7.4 thousand tonnes in 2008, 7.1 in 2009 and 6.9 thousand tonnes in 2010 (Table 4).

Table 4. Production of meat by animal species. Greece total, 2008 - 2010

in thousand tonnes

				Change (%)	
Animal species	2008	2009	2010	2008/2009	2009/2010
Cattle	**72.4**	**74.0**	**72.0**	**2.2**	**-2.7**
Calves younger than 1 year	17.5	18.2	17.3	3.6	-4.5
Calves 1-2 years	46.7	47.3	45.8	1.3	-3.1
Heifers and cattle more than 2 years	8.2	8.6	8.9	4.1	3.9
Pigs-piglets	**103.7**	**98.7**	**95.2**	**-4.8**	**-3.5**
Piglets	7.9	7.6	7.8	-3.4	1.6
Pigs	95.8	91.0	87.5	-4.9	-3.9
Sheep	**93.6**	**94.1**	**94.8**	**0.6**	**0.7**
Lambs	75.6	75.9	76.0	0.4	0.2
Sheep older than 1 year	18.0	18.2	18.7	1.5	2.7
Goats	**54.6**	**53.7**	**53.6**	**-1.6**	**-0.3**

Goat kids	43.1	42.6	42.3	-1.1	-0.8
Goats older than 1 year	11.5	11.1	11.3	-3.5	1.4
Poultry (except ostriches)	**110.9**	**110.3**	**113.7**	**-0.5**	**3.0**
Ostriches[4]	**0.4**	**0.4**	**0.3**	**0.4**	**-24.0**
Rabbits	**7.4**	**7.1**	**6.9**	**-3.8**	**-3.2**

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 slight decrease of 0.1% in 2009 compared with 2008 and of 0.3% in 2010 in comparison with 2009. More specifically, the total production of milk amounted to 2,053.3 thousand tonnes in 2008, 2,051.1 in 2009 and 2,044.0 thousand tonnes in 2010 (Table 5).
- the total production of **soft cheese** decreased slightly by 0.7% in 2009 compared with 2008 and by 2.0% in 2010 compared with 2009. More specifically, the production of soft cheese amounted to 123.2 thousand tonnes in 2008, 122.4 in 2009 and 119.9 thousand tonnes in 2010 (Table 5).
- The total production of **eggs** recorded an increase of 2.3% in 2009 compared with 2008 while a decrease of 0.3% was observed in 2010 compared with 2009. More specifically, the production of eggs amounted to 1,881.4 million in 2008, 1,925.5 in 2009 and 1,919.1 million (Table 5).

Table 5. Production of milk (by animal species) and livestock products. Greece total, 2008 – 2010

in thousand tonnes

				Change (%)	
Milk (by animal species)	2008	2009	2010	2008/2009	2009/2010
Milk, total	**2,053.3**	**2,051.1**	**2,044.0**	**-0.1**	**-0.3**
Cow milk	808.1	802.8	799.7	-0.7	-0.4
Sheep milk	759.9	764.4	772.6	0.6	1.1
Goat milk	485.3	483.9	471.7	-0.3	-2.5
Livestock products					
Cheese, soft	123.2	122.4	119.9	-0.7	-2.0
Cheese, hard	37.5	37.9	39.3	1.1	3.6
Butter, fresh	1.5	1.5	1.5	-3.9	-0.9
Butter, melted	0.6	0.5	0.5	-8.8	-1.4
Myzithra cheese	14.9	15.2	15.3	2.5	0.8
Cream, fresh	5.0	5.1	4.8	2.0	-7.2
Honey	14.1	15.6	16.2	10.5	4.1
Eggs *(*million pieces)	1,881.4	1,925.5	1,919.1	2.3	-0.3

D. AGRICULTURAL MACHINERY

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

- **Agricultural tractors** decreased slightly by 0.8% in 2009 compared with 2008 and by 0.1% in 2010 compared with 2009. More specifically, the number of the agricultural tractors, which were used, amounted to 393,968 in 2008, 390,922 in 2009 and 390,407 in 2010 (Table 6).

[4] The exact quantity of ostrich meat is as follows: 353,773 thousand kilograms in 2008, 354,219 in 2009 and 269,376 thousand kilograms in 2010.

- **Spraying machines** increased slightly by 0.7% in 2009 compared with 2008 and by 0.4% in 2010 compared with 2009. More specifically, the number of the spraying machines, which were used, amounted to 226,714 in 2008, 228,378 in 2009 and 229,311 in 2010 (Table 6).
- **Electric irrigation pumps** recorded a decrease of 1.1% in 2009 compared with 2008 and a slight increase of 0.1% in 2010 in comparison with 2009. More specifically, the number of the electric irrigation pumps, which were used, amounted to 152,664 in 2008, 150,969 in 2009 and 151,118 in 2010.
- **Sprinkling units** decreased by 1.8% in 2009 in comparison with 2008 and by 2.6% in 2010 compared with 2009. More specifically, the number of the sprinkling units, which were used, amounted to 154,669 in 2008, 151,857 in 2009 and 147,910 in 2010.
- **Drop irrigation systems** increased by 5.2% in 2009 in comparison with 2008 and by 0.8% in 2010 compared with 2009. More specifically, the number of drop irrigation systems, which were used, amounted to 136,087 in 2008, 143,162 in 2009 and 144,258 in 2010.
- **Petrol pruning saws** increased by 1.7% in 2009 in comparison with 2008 and by 1.5% in 2010 compared with 2009. More specifically, the number of the petrol pruning saws, which were used, amounted to 238,191 in 2008, 242,359 in 2009 and 245,920 in 2010.

Table 6. Agricultural machinery, 2008 - 2010

				Change (%)	
Type of machinery	2008	2009	2010	2008/2009	2009/2010
Agricultural tractors	393,968	390,922	390,407	-0.8	-0.1
Seed drills	61,084	60,756	60,081	-0.5	-1.1
Potato planters	1,513	1,706	2,101	12.8	23.2
Spraying machines	226,714	228,378	229,311	0.7	0.4
Combine harvesters	5,507	5,639	5,522	2.4	-2.1
Harvesters, simple	6,989	7,295	7,246	4.4	-0.7
Harvesters of any type	1,238	1,316	1,322	6.3	0.5
Simple choppers	12,214	12,272	12,474	0.5	1.6
Cotton harvesters	3,885	3,863	3,807	-0.6	-1.4
Sugar beet harvesters	719	686	648	-4.6	-5.5
Potato harvesters	3,733	3,968	4,332	6.3	9.2
Other harvesting machinery	391	248	278	-36.6	12.1
Irrigation pumps					
Diesel pumps	98,561	98,001	98,059	-0.6	0.1
Petrol pumps	60,025	60,460	59,173	0.7	-2.1
Electric pumps	152,664	150,969	151,118	-1.1	0.1
Other pumps (steam, windmill pumps, etc) and well windlasses	2,908	2,688	3,145	-7.6	17.0
Irrigation systems					
Sprinkling units	154,669	151,857	147,910	-1.8	-2.6
Self -propelled sprinkler clusters with injectors	46,963	47,628	47,101	1.4	-1.1
Self -propelled sprinkler clusters with ramp – mists	11,862	11,936	13,087	0.6	9.6
Drop irrigation systems	136,087	143,162	144,258	5.2	0.8
Other machinery					

Hatchers	560	595	633	6.3	6.4
Milking machines	13,692	13,809	13,958	0.9	1.1
Cream separators	927	912	961	-1.6	5.4
Corn graders	2,256	2,319	2,266	2.8	-2.3
Maize Sheller	798	798	779	0.0	-2.4
Cotton gins	145	161	182	11.0	13.0
Tobacco threading machines	19,954	18,500	17,724	-7.3	-4.2
Pruning machines	238,191	242,359	245,920	1.7	1.5
Honey extraction machines	2,831	2,172	2,089	-23.3	-3.8

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”. 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.