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PRESS RELEASE

2013 ANNUAL AGRICULTURAL STATISTICAL SURVEY

The Hellenic Statistical Authority (ELSTAT) announces the final results of the 2013 Annual Agricultural Statistical Survey.
For comparability purposes, data for years 2011 and 2012 are also made available.

A. CULTIVATED AREAS

The total utilized agricultural area (arable land, crops under vegetables, permanent crops and fallow land) decreased by 0.2% in 2012 compared with 2011 and increased by 1.9% in 2013 compared with 2012.
More specifically, the **total utilized agricultural area** (arable land, crops under vegetables, permanent crops and fallow land) amounted to 35,666.2 thousand stremmas[1] in 2011, 35,600.0 thousand stremmas in 2012 and 36,285.7 thousand stremmas in 2013 (Table 1).

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

- 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) of the cultivated area was fallow land (Table1, Graph 2),
- In 2012, 54.6% of the cultivated area (19,441.6 thousand stremmas) was used for arable farming, 2.8% (985.7 thousand stremmas) was used for vegetables, 32.0% (11,384.8 thousand stremmas) for permanent crops and 10.6% (3,787.9 thousand stremmas) of the cultivated area was fallow land (Table1, Graph 2).
- In 2013, 54.4% of the cultivated area (19,144.2 thousand stremmas) was used for arable farming[2], 2.8% (967.1 thousand stremmas) was used for vegetables[3], 32.0% (11,242.8 thousand stremmas) for permanent crops and 10.8% (3,806.7 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:

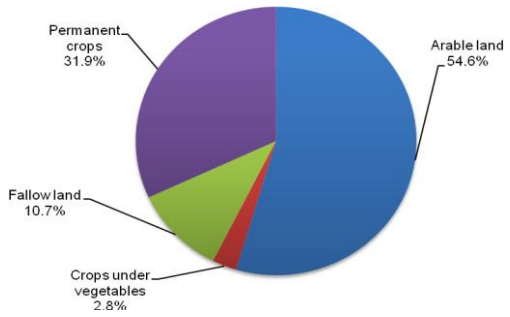
- The cultivated areas under **durum wheat** recorded a decrease of 2.8% in 2012 compared with 2011, and a further decrease of 7.9% was observed in 2013 compared with 2012. More specifically, the cultivated areas under durum wheat amounted to 5,315.0 thousand stremmas in 2011, 5,165.5 thousand stremmas in 2012 and 4,758.1 thousand stremmas in 2013 (Table 1),
- The cultivated areas under **grain maize** decreased by 0.5% was observed in 2012 compared with 2011 whilst an increase of 0.2% was observed in 2013 compared with 2012. More specifically, the areas under maize amounted to 2,140.4 thousand stremmas in 2011, 2,129.0 thousand stremmas in 2012 and 2,132.6 thousand stremmas in 2013 (Table 1),
- The cultivated areas under **cotton** recorded a decrease of 2.0% was observed in 2012 compared with 2011 and a further decrease of 6.7% was observed in 2013

[1] 1 stremma = 1,000 m^2 or 0.1 ha
[2] Areas under arable also include areas of land preserved in sound agricultural and environmental condition.
[3] The areas used for vegetables refer to net areas.

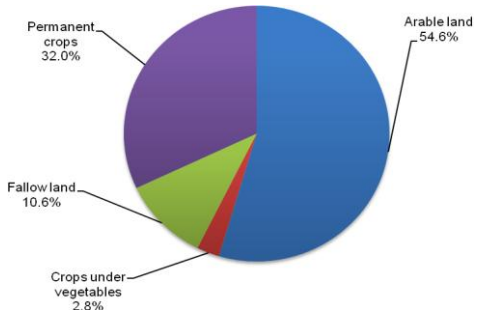
compared with 2012. More specifically, the areas under cotton amounted to 2,975.1 thousand stremmas in 2011, 2,914.7 thousand stremmas in 2012 and 2,718.6 thousand stremmas in 2013 (Table 1),

- The cultivated area under **tomatoes** (total) recorded a decrease of 2.0% was observed in 2012 compared with 2011 and a further decrease of 3.4% was observed in 2013 compared with 2012. More specifically, the cultivated areas under tomatoes amounted to 280.5 thousand stremmas in 2011, 275.0 thousand stremmas in 2011and 265.8 thousand stremmas in 2012 and 256.8 thousand stremmas in 2013 (Table 1),
- The cultivated areas under **vines** (total) increased by 0.1% in 2012 compared with 2011 and decreased by 2.9% in 2013 compared with 2012 . More specifically, the areas under vines amounted to 1,147.2 thousand stremmas in 2011, 1,148.3 thousand stremmas in 2012 and 1,115.1 thousand stremmas in 2013 (Table 1),
- The cultivated areas under **oranges** recorded no change in 2012 compared with 2011 while a decrease of 0.7% was observed in 2013 compared with 2012. More specifically, the cultivated areas under oranges amounted to 387.8 thousand stremmas in 2011, 387.9 thousand stremmas in 2012 and 385.2 thousand stremmas in 2013 (Table 1).
- The cultivated areas under **peaches-nectarines** recorded a decrease of 0.5% in 2012 in comparison with 2011 and an increase of 1.3% in 2013 compared with 2012. More specifically, the cultivated areas under peaches-nectarines amounted to 438.1 thousand stremmas in 2011, 435.7 thousand stremmas in 2012 and 441.6 thousand stremmas in 2013 (Table 1).
- The cultivated area under **olives for oil** recorded in 2012 compared with 2011 while a decrease of 1.5% was observed in 2013 compared with 2012. More specifically, the cultivated areas under olives for oil amounted 6,714.4 thousand stremmas in 2011, 6,712.0 thousand stremmas in 2012 and 6,608.3 thousand stremmas in 2013 (Table 1).

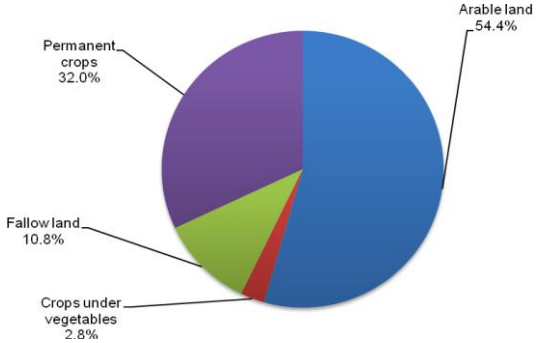
Graph 1. Percentage distribution of the cultivated agricultural area by categories, 2011



Graph 2. Percentage distribution of the cultivated agricultural area by categories, 2012



Graph 3. Percentage distribution of the cultivated agricultural area by categories, 2013



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

Table 1. Areas under cultivation by type of crop. Greece total, 2011 - 2013
in thousand stremmas

Crop type	2011	2012	2013	Change (%) 2012/2011	Change (%) 2013/2012
Total cultivated agricultural land[4]	**35,666.2**	**35,600.0**	**36,285.8**	**-0.2**	**1.9**
Irrigated	13,844.8	13,860.6	13,733.8	0.1	-0.6
***1.* Arable land**	**19,478.3**	**19,441.6**	**19,144.2**	**-0.2**	**-1.5**
Irrigated	8,536.8	8,499.6	8,423.2	-0.4	-0.9
***2.* Crops under vegetables (net area)[5]**	**1,004.6**	**985,7**	**967.1**	**-1,9**	**-1.9**
Irrigated	980,4	962,1	944.9	**-1,9**	**-1.8**
***3.* Permanent crops[6]**	**11,374.8**	**11,384.8**	**11,242.8**	**0.1**	**-1.2**
Irrigated	4,327.6	4,346.8	4,354.2	0.4	0.2
***4.* Fallow land**	**3,808.5**	**3,787.9**	**3,806.7**	**-0.5**	**0.5**
1. Arable land					
1.1 Cereals for grain	**11,161.0**	**11,251.4**	**11,031.4**	**0.8**	**-2.0**
Common wheat	1,563.3	1,724.4	1,836.7	10.3	6.5
Durum wheat	5,315.0	5,165.5	4,758.1	-2.8	-7.9
Barley	1,211.7	1,279.5	1,370.9	5.6	7.1
Rice	309.1	307.9	281.0	-0.4	-8.7
Maize	2,140.4	2,129.0	2,132.6	-0.5	0.2
Other cereals	621.4	645.0	652.1	3.8	1.1
1.2 Edible pulses	**203.3**	**206.7**	**218.3**	**1.7**	**5.6**
Beans	97.8	98.1	99.6	0.3	1.5
Chickpeas	30,.9	33.2	35.6	7.4	7.3
Lentils	46,.5	49.1	55.7	5.6	13.4
Other edible pulses	28.1	26.3	27.4	-6.4	4.1
1.3 Industrial Plants	**4,092.9**	**3,905.6**	**3,794.8**	**-4.6**	**-2.8**
Tobacco	158.9	164.0	190.3	3.2	15.8
Cotton	2,975.1	2.914.7	2,718.6	-2.0	-6.7
Sunflower	691.4	613.8	723.0	-11.2	17.8
Groundnuts	5.6	6.7	6.8	19.6	1.1
Sugar beets	96.1	111.3	73.9	15.8	-33.6
Oil seed rape[7]	…..	76.2	58.7	…..	-22.9
Other industrial plants	165.8	18.9	23.5	-88.6	24.6
1.4 Aromatic plants	**19.3**	**18.1**	**17.7**	**-6.2**	**-2.4**
1.5 Fodder plants	**3,548.6**	**3,599.0**	**3,611,8**	**1.4**	**0.4**
1.6 Melons and water melons	**252.2**	**235.7**	**234,4**	**-6.5**	**-0.6**
Water melons	167.1	157.6	157,1	-5.7	-0.3
Melons	85.1	78.1	77,3	-8.2	-1.0
1.7 Potatoes	**448.1**	**441.4**	**434,6**	**-1.5**	**-1.5**
2. Crops under vegetables					
2.1 Vegetable crops	**1,069.7**	**1,050.5**	**1,024.8**	**-1.8**	**-2.4**
Tomatoes	280.5	275.0	265.8	-2.0	-3.4
Industrial tomatoes	105.8	101.3	93.6	-4.3	-7.6

[4] Areas under arable also include areas of land preserved in sound agricultural and environmental condition
[5] Areas under vegetable crops also include intrcropping and successive crops
[6] Areas under nurseries are not included, due to their small contribution to the total of the cultivated area
[7] Data on oil seed rape are published for the second time (on previous years the relative data were published under the "Other Industrial plants" category.

Tomatoes grown in the open	140.6	140.8	138.9	0.1	-1.3
Tomatoes grown in greenhouses	34.1	32.9	33.2	-3.5	1.0
Green beans	73.9	72.1	71.5	-2.4	-0.9
Cabbages – cauliflowers	116.8	114.8	108.0	-1.7	-5.9
Lettuce	55.4	56.1	56.5	1.3	0.8
Other vegetables	543.1	532.5	523.0	-2.0	-1.8
2.2 Market flower gardens	**7.1**	**6.5**	**6.0**	**-8.5**	**-7.7**
2.3 Greenhouses[8]	**56.8**	**56.1**	**56.0**	**-1.2**	**-0.2**
3. Permanent crops					
3.1 Vineyards: grapes and raisins (total)	**1,147.2**	**1,148.3**	**1,115.1**	**0.1**	**-2.9**
Vines for wine	661.6	662.0	631.7	0.1	-4.6
Vines for table grapes	103.5	105.8	103.4	2.2	-2.3
Vines for currants	382.1	380.5	380.0	-0.4	-0.1
3.2 Trees in compact plantations	**10,227.6**	**10,236.5**	**10,127.5**	**0.1**	**-1.1**
3.2.1 Citrus trees	**552.4**	**552.1**	**544.1**	-0.1	**-1.4**
Lemon trees	88.2	86.8	84.1	-1.6	-3.1
Orange trees	387.8	387.9	385.2	0.0	-0.7
Mandarin trees	72.6	73.9	71.3	1.8	-3.6
Other citrus trees[9]	3.8	3.6	3.5	-5.3	-1.5
3.2.2 Fruit trees	**880.4**	**882.7**	**893.7**	**0.3**	**1.2**
Pear trees	45.7	45.4	44.5	-0.7	-1.9
Apples trees	133.3	133.1	132.1	-0.2	-0.7
Peach - Nectarine trees	438.1	435.7	441.6	-0.5	1.3
Apricot trees	61.4	62.6	65.2	2.0	4.1
Cherry trees	106.1	108.6	113.9	2.4	4.9
Other fruit trees	95.8	97.3	96.4	1.6	-1.0
3.2.3 Nut trees	**446.1**	**442.1**	**439.1**	**-0.9**	**-0.7**
Almond trees	158.5	156.0	152.9	-1.6	-2.0
Walnut trees	92.0	92.1	91.9	0.1	-0.2
Pistachio trees	43.7	41.6	40.2	-4.8	-8.1
Fig trees	58.5	57.7	59.0	-1.4	2.3
Other nut trees[10]	93.4	94.7	95.1	1.4	0.5
3.2.4 Olives	**8,075.7**	**8,077.9**	**7,966.7**	**0.0**	**-1.4**
Olives for oil	6,714.4	6,712.0	6,608.3	0.0	-1.5
Edible olives	1,361.3	1,364.9	1,358.4	0.3	-0.5
3.2.5 Other trees[11]	**273.0**	**282.3**	**283.9**	**3.4**	**0.6**

Note: Any discrepancies in the sums are due to rounding

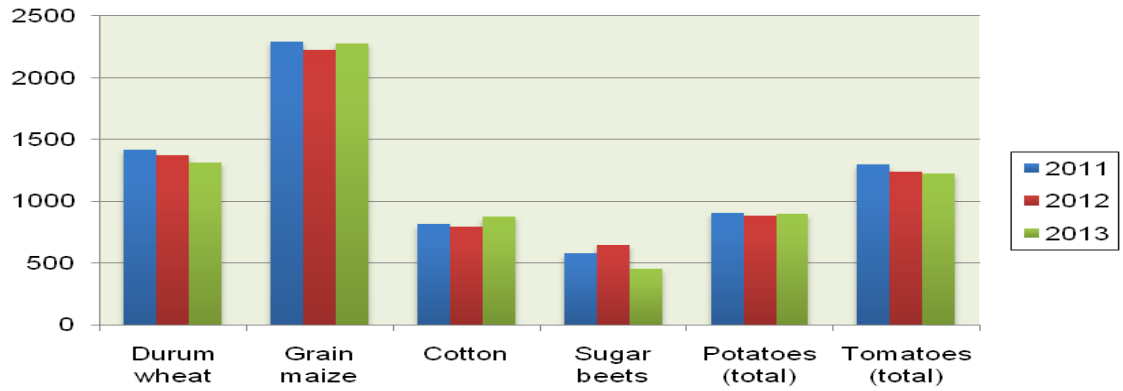
[8] Also included greenhouses with vegetables and flowers. Vegetables include tomatoes, cucumbers, etc.
[9] The category "Other citrus trees" includes cherry trees, quince trees, sloe trees, plum trees, kiwi trees and pomegranate trees
[10] The category "Other nut trees" includes hazelnut trees and chestnut trees
[11] The category "Other trees" includes carob trees, avocados, mastic trees, loquat trees, banana trees and other trees (palm trees, willow tress etc.).

B. PRODUCTION OF AGRICULTURAL PRODUCTS

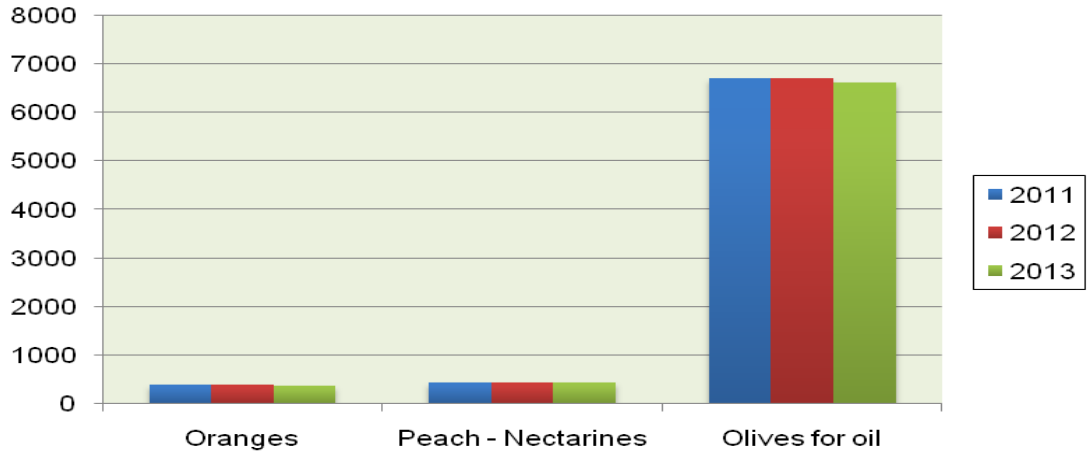
The major changes, in terms of volume of production of agricultural products, by group and species of products are the following:

- The production of **durum wheat** decreased by 3.0% in 2012 compared with 2011 and further decreased by 4.6% in 2013 compared with 2012. More specifically, the production of durum wheat amounted to 1,416.0 thousand tonnes in 2011, 1,373.9 thousand tonnes in 2012 and 1,311.2 thousand tonnes in 2013. (Table 2, Graph 4).
- The production of **grain maize** decreased by 2.9% in 2012 compared with 2011 and increased by 2.2% in 2013 compared with 2012. More specifically, the production of grain maize amounted to 2,291.8 thousand tonnes in 2011, 2,226.2 thousand tonnes in 2012 and 2,275.2 thousand tonnes in 2013 (Table 2, Graph 4).
- The production of **cotton** decreased by 2.3% in 2012 compared to 2011 and increased by 9.9% in 2013 compared with 2012. More specifically, the production of cotton amounted to 814.5 thousand tonnes in 2011, 795.5 thousand tonnes in 2012 and 874.7 thousand tonnes in 2013 (Table 2, Graph 4).
- The production of **sugar beets** recorded an increase of 11.4% in 2012 compared with 2011 while it decreased by 29.9% in 2013 compared with 2012. More specifically, the production of sugar beets amounted to 581.5 thousand tonnes in 2011, 647.8 thousand tonnes in 2012 and 453.9 thousand tonnes in 2013 (Table 2, Graph 4).
- The production of **potatoes** (total) recorded a decrease of 2.5% in 2012 compared with 2011 while it increased by 1.8% in 2013 compared with 2012. More specifically, the production of potatoes amounted to 905.9 thousand tonnes in 2011, 882.8 thousand tonnes in 2012 and 899.1 thousand tonnes in 2013 (Table 2, Graph 4).
- The production of **tomatoes** (total) recorded a decrease of 4.7% in 2012 compared with 2011 and a further decrease of 1.1% in 2013 compared with 2012. More specifically, the production of tomatoes amounted to 1,294.6 thousand tonnes in 2011, 1,234.3 thousand tonnes in 2012 and 1,221.2 thousand tonnes in 2013 (Table 2, Graph 4).
- The production of **must** increased by 3.1% in 2012 compared with 2011 while it decreased by 2.0% in 2013 compared with 2012. More specifically, the production of must amounted to 327.1 thousand tonnes in 2011, 337.3 thousand tonnes in 2012 and 330.5 thousand tonnes in 2013 (Table 2, Graph 6).
- The production of **oranges** recorded an increase of 0.3% was observed in 2012 compared with 2011 and a further increase of 3.1% in 2013 compared with 2012. More specifically, the production of oranges amounted to 847.3 thousand tonnes in 2011, 849.6 thousand tonnes in 2012 and 875.8 thousand tonnes in 2013 (Table 2, Graph 5).
- The production of **peaches-nectarines** recorded an increase of 0.6% in 2012 compared with 2011 and a decrease of 10.9% in 2013 compared with 2012. More specifically, the production of peaches-nectarines amounted to 821.0 thousand tonnes in 2011, 825.9 thousand tonnes in 2012 and 736.2 thousand tonnes in 2013 (Table 2, Graph 5).
- The production of **olive oil** recorded a decrease of 7.1% in 2012 compared with 2011 and a further decrease of 10.0% in 2013 compared with 2012. More specifically, the production of olive oil amounted to 357.2 thousand tonnes in 2011, 331.9 thousand tonnes in 2012 and 298.8 thousand tonnes in 2013 (Table 2, Graph 6).

Graph 4. Production of main agricultural products from arable crops, 2011 - 2013
in thousand tonnes



Graph 5. Production of main agricultural products from perennial crops, 2011 - 2013
in thousand tones



Graph 6. Production of olive oil and must, 2011 - 2013
in thousand tonnes

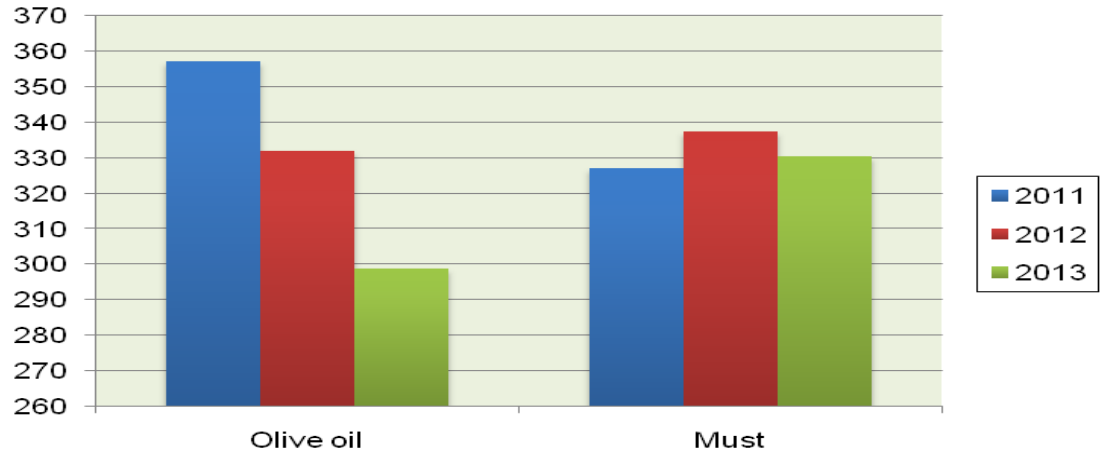


Table 2. Production of agricultural products. Greece total, 2011 - 2013
in thousand tones

Crop type	2011	2012	2013	Change (%) 2012/2011	2013/2012
Arable land					
1.1 Cereals for grain					
Common wheat	441.5	463.1	520.7	4.9	12.4
Durum wheat	1,416.0	1,373.9	1,311.2	-3.0	-4.6
Barley	319.0	336.3	381.1	5.4	13.3
Rice	250.7	230.7	235.9	-8.0	2.3
Maize	2,291.8	2,226.2	2,275.2	-2.9	2.2
1.2 Edible pulses					
Beans	22,7	18.2	21.3	-19.8	17.0
Chickpeas	3.7	3.9	4.5	5.2	15.4
Lentils	4.8	6.5	6.9	35.5	6.2
1.3 Industrial plants					
Tobacco	32.0	34.2	40.6	6.9	18.7
Cotton	814.5	795.5	874.7	-2.3	10.0
Sunflower	147.7	137.6	172.1	-6.8	25.1
Groundnuts	2.0	2.5	2.5	24.0	0.0
Sugar beets	581.5	647.8	453.9	11.4	-29.9
Oil seed rape	…..	14.1	12.2		-13.5
1.4 Fodder plants	**2,457.6**	**2,522.7**	**2,594.6**	**2.6**	**2.9**
1.5 Melons and water melons					
Water melons	639.2	599.6	588.3	-6.2	-1.9
Melons	176.6	170.9	169.1	-3.3	-1.1
1.6 Potatoes	**905.9**	**882.8**	**899.1**	**-2.5**	**1.8**
2. Vegetables					
Tomatoes	1,294.6	1,234.3	1,221.2	-4.7	-1.1
Industrial tomatoes	643.9	617.0	583.8	-4.2	-5.4
Tomatoes grown in the open	400.3	396.4	390.7	-1.0	-1.4
Tomatoes grown in greenhouses	250.4	220.8	246.7	-11.8	11.7
Green beans	68.3	66.3	64.4	-2.9	-2.9
Cabbages - cauliflowers	230.1	224.7	219.8	-2.3	-2.2
Lettuce	83.7	80.1	84.9	-4.3	6.0
3. Permanent crops					
3.1 Vineyards: grapes and raisins					
Wine	512.3	526.1	589.8	2.7	12,1
Table grapes	147.5	139.4	216.6	-5.3	55,4
Vines for currants	173.2	184.2	64.9	6.3	-64,5
Must	327.1	337.3	330.5	3.1	-2.0
3.2 Compact plantations					
3.2.1 Citrus trees					
Lemon trees	80.0	80.7	75.0	0.9	-7.1
Orange trees	847.3	849.6	875.8	0.3	3.1
Mandarin trees	144.3	160.5	159.3	11.2	-0.7
3.2.2 Fruit trees					

Pear trees	90.3	87.7	82.4	-2.9	-6.0
Apples trees	274.1	265.8	253.7	-3.0	-4.6
Peach - Nectarine trees	821.0	825.9	736.2	0.6	-10.9
Apricot trees	66.8	79.5	74.7	19.0	-6.0
Cherry trees	49.4	47.3	48.1	-4.3	1.7
3.2.3 Nut trees					
Almond trees	40.1	42.0	39.2	4.7	-6.7
Walnut trees	22.9	23.7	24.2	3.5	2.1
Pistachio trees	8,0	8.0	7.1	-0.7	-11.3
Fig trees	10.9	11,3	20.5	3.7	81.4
3.2.4 Olives					
Olives for oil	2,217.5	2,466.0	1,547.4	11.2	-37.3
Edible olives	273.5	359.3	204.6	31.4	-43.1
Olive oil	357,2	331.9	298.8	-7.1	-10.0

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** recorded a decrease of 2.2% in 2012 compared with 2011 and a further decrease of 1.5% in 2013 compared with 2012. More specifically, the number of bovine animals amounted to 624,852 in 2011, 611,131 in 2012 and 602,214 in 2013 (Table 3, Graph 7),
- The total number of **pigs** recorded a decrease of 3.3% in 2012 compared with 2011 and a further decrease of 4.0% in 2013 compared with 2012. More specifically, the number of pigs amounted to 819,954 in 2011, 792,611 in 2012 and 761,094 in 2013 (Table 3, Graph 7),
- The total number of **sheep** recorded a decrease of 1.5% in 2012 compared with 2011 and a further decrease of 1.9% in 2013 compared with 2012. More specifically, the number of sheep amounted to 8,913,929 in 2011, 8,778,430 in 2012 and 8,611,026 in 2013(Table 3, Graph 7),
- The total number of **goats** recorded a decrease of 2.3% in 2012 compared with 2011 and a further decrease of 2.3% in 2013 compared with 2012. More specifically, the number of goats amounted to 5,009,904 in 2011, 4,895,244 in 2012 and 4.782,003 in 2013 (Table 3, Graph 7),
- The total number of **hens** recorded an increase of 9.0% in 2012 compared with 2011 and a further increase of 0.9% in 2013 compared with 2012. More specifically, the number of hens amounted to 28,079,791 in 2011, 30,620,384 in 2012 and 30,895,094 (Table 3).
- The total number of **rabbits** decreased by 0.6% in 2012 compared with 2011 and further decreased by 3.1% in 2013 compared with 2012. More specifically, the number of rabbits amounted to 1,228,438 in 2011, 1,221,250 in 2012 and 1,183,761 in 2013 (Table 3, Graph 7).
- The total number of **beehives** increased 1.9% in 2012 compared with 2011 and further increased by 0.1% in 2013 compared with 2012. More specifically, the number of beehives amounted to 1,427,436 in 2011, 1,455,013 in 2012 and 1,456,711 in 2013 (Table 3, Graph 7).

Graph 7. Number of animals by species, 2011 - 2013

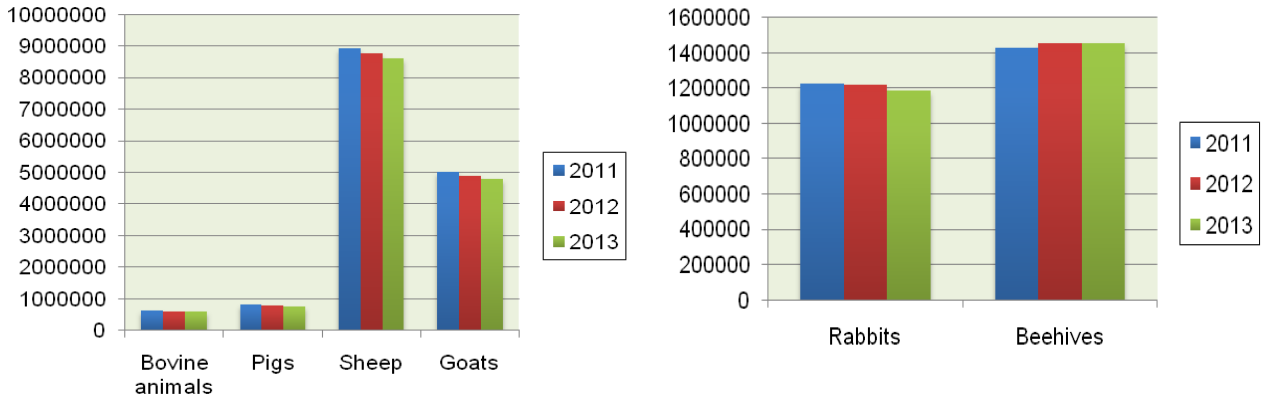


Table 3. Number of animals by species. Greece total, 2011 – 2013

Number of animals or beehives				Change (%)	
Animal species	2011	2012	2013	2012/2011	2013/2012
Bovine animals	**624,852**	**611,131**	**602,214**	**-2.2**	**-1.5**
Pigs	**819,954**	**792,611**	**761,074**	**-3.3**	**-4.0**
Sheep	**8,913,929**	**8,778,430**	**8,611,026**	**-1.5**	**-1.9**
Goats	**5,009,904**	**4,895,244**	**4,782,003**	**-2.3**	**-2.3**
Poultry					
Hens	28,079,791	30,620,384	30.895.094	9.0	**0,9**
Geese	29,286	30,711	30.059	4.9	**-2,1**
Ducks	52,828	52,644	52.517	-0.3	**-0,2**
Turkeys	97,020	97,070	100.734	0.1	**3,8**
Rabbits	**1,228,438**	**1,221,250**	**1.183.761**	**-0.6**	**-3,1**
Beehives	**1,427,436**	**1,455,013**	**1.456.711**	**1.9**	**0,1**

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 0.3% in 2012 compared with 2011 a further decrease of 1.0% in 2013 compared with 2012. More specifically, the production of meat of bovine animal amounted to 70.0 thousand tonnes in 2011, 69,8 thousand tonnes in 2012 and 69.0 thousand tonnes in 2013 (Table 4, Graph 8),
- the total production of **pig meat** decreased by 2.3% in 2012 compared with 2011 and further decreased by 2.6% in 2013 compared with 2012. More specifically, the production of pig meat amounted to 95.8 thousand tonnes in 2011, 93.6 thousand tonnes in 2012 and 91,2 thousand tonnes in 2013 (Table 4, Graph 8),
- the total production of **sheep meat** decreased by 0.8% in 2012 compared with 2011 and by 2.3% in 2013 compared with 2012. More specifically, the production of sheep meat amounted to 92.8 thousand tonnes in 2011, 92.1 thousand tonnes in 2012 and 89,9 thousand tonnes in 2013 (Table 4, Graph 8),
- the total production of **goat meat** decreased by 2.1% in 2012 compared with 2011 and by 3.7% in 2013 compared with 2012. More specifically, the production of meat of goats amounted 53.1 thousand tonnes in 2011, 52.0 thousand tonnes in 2012 and 50.0 thousand tonnes in 2013 (Table 4, Graph 8),
- the total production of **poultry meat** (except ostriches) increased by 6.1% was observed in 2012 compared with 2011 and by 11.0% in 2013 compared with 2012. More specifically, the production of poultry meat amounted to 109.1 thousand tonnes in 2011, 115.8 thousand tonnes in 2012 and 128.5 thousand tonnes in 2013 (Table 4, Graph 8),
- the total production of **rabbit meat** recorded an increase of 1.9% was observed in 2012 compared with 2011 and a decrease of 2.6% in 2013 compared with 2012. More specifically, the production of rabbit meat amounted to 6.9 thousand tonnes in 2011, 7.0 thousand tonnes in 2012 and 6.8 thousand tonnes in 2013 (Table 4, Graph 8).

Graph 8. Production of meat by animal species. Greece total 2011 - 2013
in thousand tones

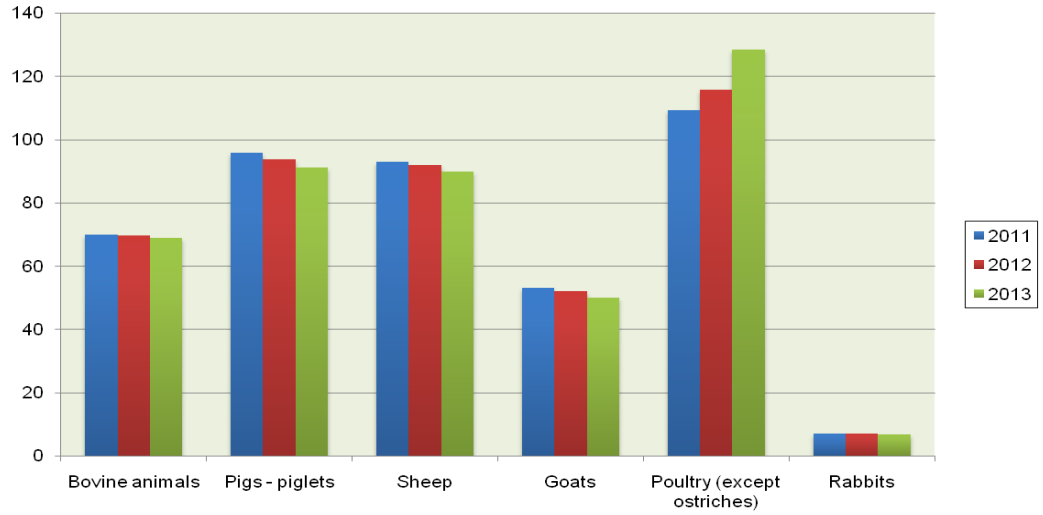


Table 4. Production of meat by animal species. Greece total, 2011 - 2013

in thousand tonnes				Change (%)	
Animal species	2011	2012	2013	2012/2011	2013/2012
Bovine animals	**70.0**	**69.8**	**69.0**	**-0.3**	**-1.0**
Calves younger than 1 year	16.7	16.3	15.6	-2.6	-3.9
Calves 1-2 years	43.0	42.6	42.4	-0.9	-0.4
Heifers and cattle more than 2 years	10.3	11.1	10.7	8.4	-3.6
Pigs-piglets	**95.8**	**93.6**	**91.2**	**-2.3**	**-2.6**
Piglets	8.1	7.7	7.1	-4.8	-8.3
Pigs	87.7	85.9	84.1	-2.1	-2.0
Sheep	**92.8**	**92.1**	**89.9**	**-0.8**	**-2.3**
Lambs	74.2	74.3	72.3	0.1	-2.6
Sheep older than 1 year	18.6	17.8	17.5	-4.3	-1.1
Goats	**53.1**	**52.0**	**50.0**	**-2.1**	**-3.7**
Goat kids	41.9	40.8	39.1	-2.5	-4.2
Goats older than 1 year	11.2	11.2	10.9	-0.4	-1.9
Poultry (except ostriches)	**109.1**	**115.8**	**128.5**	**6.1**	**11.0**
Rabbits	**6.9**	**7.0**	**6.8**	**1.9**	**-2.6**

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 0.5% in 2012 in comparison with 2011 and a further decrease of 0.2% in 2013 compared with 2012. More specifically, the total production of milk amounted to 2,029.1 thousand tonnes in 2011 and 2,019.9 thousand tonnes in 2012 and 2,016.7 thousand tonnes in 2013 (Table 5, Graph 9),
- the total production of **soft cheese** decreased by 1.1% in 2012 compared with 2011 while an increase of 0.7% was observed in 2013 compared with 2012. More specifically, the production of soft cheese amounted to 115.5 thousand tonnes in

2011, 114.2 thousand tonnes in 2012 and 115.0 thousand tonnes in 2013 (Table 5, Graph 9),

- The total production of **eggs** increased by 3.5% in 2012 compared with 2011 and by 2.4% in 2013 compared with 2012. More specifically, the production of eggs amounted to 1,691.2 million in 2011, 1,750.5 million in 2012 and 1.792,1 million in 2013 (Table 5, Graph 9).

Graph 9. Production of milk and livestock products, 2011 – 2013
in thousand tonnes

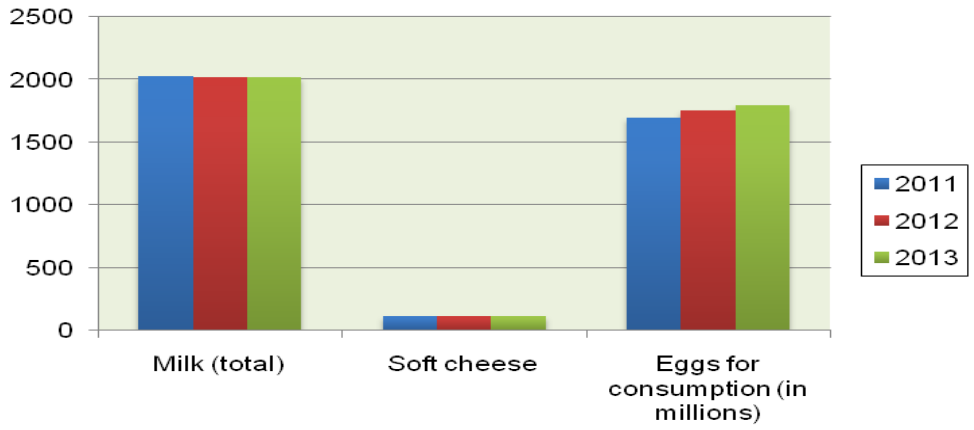


Table 5. Production of milk (by animal species) and livestock products. Greece total, 2011 – 2013

in thousand tonnes

Milk (by animal species)	2011	2012	2013	Change (%) 2012/2011	Change (%) 2013/2012
Milk, total	**2,029.1**	**2,019.9**	**2.016,3**	**-0.5**	**-0.2**
Cow milk	778.4	779.0	783,3	0.1	0.6
Sheep milk	780,3	778.0	778,9	-0.3	0.1
Goat milk	470.1	462.9	454,1	-1.5	-1.9
Livestock products					
Cheese, soft	115.5	114.2	115,0	-1.1	0.7
Cheese, hard	37.1	39.3	37,6	5.8	-4.3
Butter, fresh	1.4	1.4	1,4	2.2	0.0
Butter, melted	0.5	0.5	0,5	-2.5	0.0
Myzithra cheese	15.2	16.1	16,3	6.1	1.2
Cream, fresh	4.3	3.9	3,9	-10.0	0.0
Honey	16.3	15.8	15,7	-3.2	-0.6
Eggs (million pieces)	1,691.2	1,750.5	1.792,1	3.5	2.4

D. AGRICULTURAL MACHINERY

The most significant changes in the number of agricultural machinery[12] are as follows:

- **Agricultural tractors** decreased by 0.6% in 2012 compared with 2011 and by 0.6% in 2013 compared with 2012. More specifically, the number of the agricultural tractors, which were used, amounted to 392,310 in 2011, 389,927 in 2012 and 387,728 in 2013 (Table 6),
- **Spraying machines** increased by 0.7% in 2012 compared with 2011 while a decrease of 0.8% was observed in 2013 compared with 2012. More specifically, the number of the spraying machines, which were used, amounted to 229,742 in 2011, 231,332 in 2012 and 229,567 in 2013 (Table 6),
- **Electric irrigation pumps** recorded an increase of 0.7% in 2012 compared with 2011 while a decrease of 0.4% was observed in 2013 compared with 2012. More specifically, the number of the electric irrigation pumps, which were used, amounted to 151,870 in 2011, 152,871 in 2012 and 152,257 in 2013 (Table 6),
- **Sprinkling units** increased by 2.3% in 2012 compared with 2011 and decreased by 0,4% in 2013 compared with 2012. More specifically, the number of the sprinkling units, which were used, amounted to 148,599 in 2011, 152,005 in 2012 and 151.428 in 2013 (Table 6),
- **Drop irrigation systems** increased by 1.7% in 2012 compared with 2011 and decreased by 0,4% in 2013 compared with 2012. More specifically, the number of drop irrigation systems, which were used, amounted to 149,744 in 2011, 152,259 in 2012 and 151,776 in 2013 (Table 6),
- **Petrol pruning saws** increased by 2.8% in 2012 compared with 2011 and by 0.8% in 2013 compared with 2012. More specifically, the number of the petrol pruning saws, which were used, amounted to 250,306 in 2011, 257,241 in 2012 and 259,394 in 2013 (Table 6).

Table 6. Agricultural machinery, 2011 - 2013

				Change (%)	
Type of machinery	**2011**	**2012**	**2013**	**2012/2011**	**2013/2012**
Agricultural tractors	392.310	389,927	387,728	-0.6	-0.6
Seed drills	60,509	60,138	59,952	-0.6	-0.3
Potato planters	2,246	2,593	2,921	15.4	12.6
Spraying machines	229,742	231,332	229,567	0.7	-0.8
Combine harvesters	5,537	5,610	5,497	1.3	-2.0
Harvesters, simple	6,952	6.952	6,740	0.0	-3.0
Harvesters of any type	1,322	1,429	1,348	8.1	-5.7
Simple choppers	12,412	12,459	12,632	0.4	1.4
Cotton harvesters	3,875	3,839	3,850	-0.9	0.3
Sugar beet harvesters	561	527	477	-6.1	-9.5
Potato harvesters	4,421	4,194	4,154	-5.1	-1.0
Other harvesting machinery	305	336	265	10.2	-21.1
Irrigation pumps					
Diesel pumps	97,294	95,411	94,969	-1.9	-0.5
Petrol pumps	57,321	56,938	55,437	-0.7	-2.6
Electric pumps	151,870	152,871	152,257	0.7	-0.4
Other pumps (steam, windmill	3,665	4,147	3,620	13.2	-12.7

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

pumps, etc) and well windlasses					
Irrigation systems					
Sprinkling units	148,599	152,075	151,428	2.3	-0.4
Self -propelled sprinkler clusters with injectors	48,012	48,046	47,611	0.1	-0.9
Self -propelled sprinkler clusters with ramp – mists	13,104	13,545	14,259	3.4	5.3
Drop irrigation systems	149,744	152,259	151,776	1.7	-0.3
Other machinery					
Hatchers	510	544	551	6.7	1.3
Milking machines	13,387	13,384	9,390	0.0	-29.8
Cream separators	946	952	1,022	0.6	7.4
Corn graders	1,807	1,707	1,580	-5.5	-7.4
Maize Sheller	690	677	653	-1.9	-3.5
Cotton gins	152	122	119	-19.7	-2.5
Tobacco threading machines	14,506	14,087	14,277	-2.9	1.3
Petrol pruning saws	250,306	257,241	259,394	2.8	0.8
Honey extraction machines	2,667	3,157	3,505	18.4	11.0

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 as 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 year 2013.

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 http://www.statistics.gr/el/statistics/-/publication/SPG06/-