

Agricultural Production Statistics Group

Animal Production



ANIMAL PRODUCTION STATISTICS

ANNUAL STATISTICS

based on MoFAL
official statistics

MONTHLY STATISTICS

based on
monthly surveys
conducted by regional
offices of TurkStat

- **Data collection activities have been started from the establishments that use animal products as input under the subgroup of NACE Rev.2, 10.11 and 15.11; 01.47; 10.12; 10.51 in industry and published in 3 different headlines:**
 - **I) Quarterly Red Meat Production Statistics**
 - **II) Monthly Milk Production Statistics**
 - **III) Monthly Poultry Production Statistics**

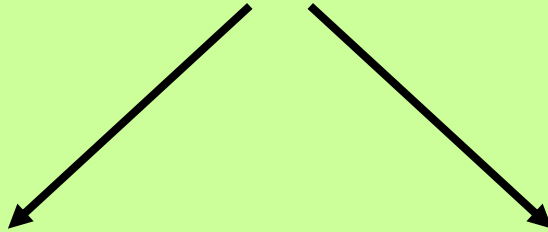
- **ANIMAL PRODUCTION STATISTICS ;**
- **Meat Production**
- **Milk & Dairy Products**
- **Eggs & Poultry**
- **Wool, hair and mohair production**
- **Hide Production**
- **Apiculture**
- **Sericulture**

Statistics are collected for:

- I) Livestock
- II) Animal Products



- Number of livestock
- Number of poultry
- Apiculture (bees)
- Sericulture



- Milk
- Meat
- Hide
- Wool, hair, mohair

- Eggs
- Honey
- Honey wax
- Silk cocoons

Obtained from data collection forms

calculated by TURKSTAT using coefficients

- **Animal Products:**

Data is compiled by TURKSTAT Regional Offices via questionnaire, phone and fax monthly and constituted into data mining process.

- the quantity of milk production,
- the quantity of red and white meat production,
- Quantity of hide production,
- the production quantity of wool, hair and mohair,

Meat production Statistics ;

Since 2010, statistical data on red meat and poultry meat are collected on a monthly basis. The monthly publication of data in press releases started in December 2010 for data belonging to the January-October 2010 period.

Since 2012, meat production statistics are released quarterly, while other animal production statistics continue to be published on a monthly basis.

- Red meat production statistics were based on the number of bovine, ovine and caprine slaughterings registered by municipal and private slaughterhouses.
- In order to increase the coverage of red meat statistics and to produce short-term comparable statistics, since January 2010, monthly surveys are conducted for enterprises, which use animal products as input and are classified under the divisions 10.11 and 15.11 of NACE Rev.2.

- Data on meat, white meat and hen egg production are not included in annual series since 2010, because it has been published through monthly News Releases starting from January 2010. Starting from January 2012, data on red meat production has been published quarterly.
- **Meat production** = The number of animals slaughtered x carcass weight

- **Coverage** : In Turkey, data is compiled from all slaughterhouses which are licensed and unlicensed and slaughter cattle and sheep (cattle, buffalo, sheep, goats, camels and pigs).
- **Data compilation method**
- Data are compiled on a monthly basis. Each holding has a user name and password given by TURKSTAT.
- Number of milked animals =The number of animals make birth

- **Milk and Dairy Statistics**
- The monthly survey of milk and milk products statistics are applied to industrial that use only operates as a commercial milk or raw milk as input according to NACE Rev.2.
- Coverage is Turkey and collected data are published on the basis of Turkey.

- Furthermore, milk production was calculated by multiplying the number of milked animals by the milk yield coefficients determined for each province in the 2001 General Agricultural Census.
- The milk yield coefficient referred to the amount of milk produced by a dairy animal in one year.
- **Coefficient** = $\frac{\text{The number of animals milked}}{\text{Annual milk yield}}$

- **Industrial milk is compiled on a monthly basis from 1700 enterprises.**
- **Data are compiled yearly by cooperation with MoFAL by using Statistical Data Network.**
- **Data are controlled and analyzed by TurkStat and MoFAL staff. These data are published annually.**

- **COMPILED VARIABLES**
- **Milk (Cow, Sheep, Goat, Buffalo)**
- **Cream**
- **Concentrated milk**
- **Cream powder**
- **etc.**

- ✓ **Special studies on examination of related EU Regulations and Decisions and implementation studies with national and international experts and different institutions,**
- ✓ **Analysis of different Member States' Methodologies in terms of surveys on meat production and GIP calculations,**

- ✓ Organizing and participating technical cooperation meetings between different organizations and institutions in order to explain our expectations,
- ✓ Local Meetings, Participating training activities in different EU countries.

Egg Production Statistics

- Poultry and egg production statistics are applied to the monthly survey showing only commercial poultry enterprises activities.
- Data are published at Turkey level.
- Egg production statistics are published in line with EU requirements since December 2010. Results are partly transmitted to EUROSTAT via eDAMIS.

- **Monthly compiled variables**
- **The number of breeding poultry and produced hatching eggs**
- **The number of poultry and quantity of produced eggs**
- **The number of slaughtered poultry and total amount of produced white meat**

Annually compiled variables

- The total number hencoop in the enterprises by activity and hencoop capacity that established in total
- The structure of the hatchery enterprises based on established capacity

- **Hide Production statistics**
- Data on hide production are obtained from the Turkish Air Association for the number of hides donated to the association during the religious Sacrifice Festival.

- **Sericulture statistics ;**
- Data on sericulture are collected through the Bursa Silk Cocoon Agricultural Selling Cooperative Association via electronic media through Electronical Data Network (EDN). These variables are;
- Number of villages engaged in sericulture
- Number of households engaged in sericulture
- Number of boxes opened
- Total production amount of silk worm cocoon

Tür ve ırklarına göre süt üretimi, 2013 - 2014

Milk production by type and races, 2013 - 2014

Hayvan türleri	2013		2014		Değişim (%)
	Miktar (Ton)	Pay (%)	Miktar (Ton)	Pay (%)	
Types of animals	Amount (Tonnes)	Share (%)	Amount (Tonnes)	Share (%)	Change (%)
Süt üretimi - Milk production	18 223 712	100,0	18 498 630	100,0	1,5
Sığır - Cattle	16 655 009	91,4	16 867 419	91,2	1,3
Kültür - Culture	8 946 131	49,1	9 319 392	50,4	4,2
Kültür melezi - Cross bred	6 531 573	35,8	6 563 876	35,5	0,5
Yerli - Domestic	1 177 305	6,5	984 151	5,3	-16,4
Koyun - Sheep	1 101 013	6,0	1 113 130	6,0	1,1
Merinos - Merino	38 739	0,2	44 430	0,2	14,7
Yerli - Domestic	1 062 274	5,8	1 068 700	5,8	0,6
Keçi - Goat	415 743	2,3	463 394	2,5	11,5
Kıl keçisi - Ordinary goat	413 444	2,3	460 642	2,5	11,4
Tiftik keçisi - Angora goat	2 299	0,0	2 752	0,0	19,7
Manda - Buffaloes	51 947	0,3	54 687	0,3	5,3

Hayvansal ürünler

Livestock products

	Kırmızı et (Ton)	Süt (Ton)	Tavuk eti (Ton)	Tavuk yumurtası (Bin adet)	Bal (Ton)	Yaş ipek kozası (Ton)	Yapağı (Ton)	Kıl (Ton)	Tiftik (Ton)
	Meat (Tons)	Milk (Tons)	Chicken (Tons)	Hen eggs (Thousand)	Honey (Tons)	Silk worm cocoons (Tons)	Wool (Tons)	Hair (Tons)	Mohair (Tons)
2001	435 778	9 495 550	614 745	10 575 046	60 190	47	40 909	2 684	400
2002	420 595	8 408 568	696 187	11 554 910	74 554	100	38 244	2 589	318
2003	366 962	10 611 011	872 419	12 666 782	69 540	169	46 456	2 741	333
2004	447 154	10 679 406	876 774	11 055 557	73 929	143	45 972	2 715	304
2005	409 423	11 107 897	936 697	12 052 455	82 336	157	46 176	2 654	302
2006	438 530	11 952 099	917 659	11 733 572	83 842	127	46 776	2 728	274
2007	575 622	12 329 789	1 068 454	12 724 959	73 935	125	46 752	2 536	237
2008	482 458	12 243 040	1 087 682	13 190 696	81 364	125	44 166	2 238	194
2009	412 621	12 542 186	1 293 315	13 832 726	82 003	136	40 270	2 002	174
2010	780 718	13 543 674	1 444 059	11 840 396	81 115	126	42 823	2 607	200
2011	776 915	15 056 211	1 613 309	12 954 686	94 245	151	46 586	3 062	194
2012	915 844	17 401 262	1 723 919	14 910 774	89 162	134	51 180	3 570	200
2013	996 125	18 223 712	1 758 363	16 496 751	94 694	121	54 784	4 902	260
2014	1 008 272	18 498 630	1 894 669	17 145 389	102 486	80	58 351	5 460	280

THANK YOU for YOUR ATTENTION