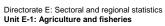


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WORKING GROUP ON 'ANIMAL PRODUCTION STATISTICS' OF THE AGRICULTURAL STATISTICS COMMITTEE

Handbook on the concepts and definitions used in Animal Production Statistics

EXECUTIVE SUMMARY

Eurostat proposes to produce a handbook to compile the definitions used in Animal Production Statistics and provides further clarifications relating to them. Such a handbook is intended to contribute to a better understanding and application of commonly agreed concepts and definitions and, at the same time, to improve the quality of Animal Production Statistics.

REVISION AND VERSIONING

This document was originally an annex to Doc. ASA/TE/704 presented and approved by the Working Party on Animal Production Statistics met on 13-14 March 2012.

<u>Version 2016 of the handbook was established based on definitions and concepts directly drawn from the legislation. It integrates several revisions, introduced from 2011 to 2016.</u>

In <u>the version in</u> Annex, the text is displayed in different colours:

- black text reflects the text of the 2016 version of the handbook.

<u>- underlined coloured text</u> results from addition and stroken trhough colorued text from removal due to <u>additional</u> revision<u>s</u>.

Deleted: this

Deleted: was already validated and drawn from the legislation

Deleted: Rev 1. On 15 February 2011 the following changes have been introduced: the outcome of proof reading by the editing service of European Commission (DGT-EDIT), the legal reference for Combined Nomenclature and this heading on revision.¶
Rev2. On 23 March 2012 the following changes have been introduced:¶

For buffaloes, the interpretation of Regulation (EC) No 1165/2008 on the explicit definition of "Bovine animals" in Article 2 overcomes the implicit display of category "buffaloes" at the same level as the three categories of bovine animals in Annex II. Therefore category buffalo is a double account of animals already counted under the relevant category of bovine animals. The text was adapted to integrate this.¶

For GIP the proposal for a user-oriented definition of GIP has not been validated by the Working Party and Eurostat will come with an improved proposal. The previous proposal has thus been provisionally dropped.

Rev3. On 25 March 2014, the following changes have been introduced ¶

Heading "Specific issues" and questions addressed to the Working Party, originally for discussion in the working document, were deleted.

Gross Indigenous Production (GIP) was updated and concepts on laying hens, eggs for consumption and packing centre have been introduced in line with the discussions conducted in 2013 and validated in 2014 on GIP and on data collection on production of eggs for human consumption. The content is approved by the Working Party but its introduction in the handbook was not submitted for approval.

Rev4. After the working Party in March 2015, the following changes have been introduced.

Definition of "Chick used" has been updated to reflect the revised interpretation given by the Directorate General on Agriculture and Rural Development on 25 April 2014. Definition of "Chicks placed" was introduced (ASA/TE/756).¶

".. for slaughter was clarified in the light of discussion on GIP forecast ¶

forecast.¶
In the light of the quality reporting exercise, footnotes on national deviations were inserted in order to warn the users on this.¶
Version 2016/1: indicate the items from Regulation (EC) No

1165/2008 which relate to an Annex or another (i.e. livestock statistics, slaughtering statistics, GIP forecast.¶

Deleted: Background¶

Need for a handbook on the concepts and definitions for Animal Production Statistics \P

Doc. ASA/TE/692 was presented at the Working Party on Animal Production Statistics in March 2011 under Item 4.1.2. on Validation in Animal Production Statistics. It highlighted the need for a reference document for the definitions used in Animal Production Statistics in order to establish a coherent set of validation rules.¶ Providing the various stakeholders with a limited set of documents covering methodology, validation and data transmission is part of good practice. This is one of the first findings reported during the presentation of Doc. ASA/TE/692 on the basis of Farm Structure Survey practices. Following a similar approach in a number of

statistical areas also helps to clarify the methodology.¶

The definition of the concepts used in Animal Production Statistics is set out in the legislation, i.e. at least three legal bases referring to statistics on livestock and meat, eggs and farmyard chicks, and on milk¶

Further clarifications and interpretations have been provided by Eurostat or discussed by the Working Party on Animal Production Statistics in response to questions from data providers or users. In order to maintain coherence, such additional information should be compiled in a single document. Therefore at least a document on Frequently Asked Questions (FAQ) is welcome. Keeping a FAQ document regularly updated requires greater flexibility than is possible with legal texts. ¶

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Handbook for Animal Production Statistics Annex 1 - Concepts and definitions

In this Annex, the sources indicated are mostly based on the four legal bases (the codes between brackets are used in the tables of this Annex):

Regulation (EC) No 1165/2008¹ for livestock and meat (R1165)

Directive 96/16/EC² (D96) and Decision 97/80/EC³ (D97) for milk statistics

Regulation (EC) No 617/2008⁴ for eggs and chicks (R617)

Source coding:

*"Artx" and "Anny" mean respectively Article x and Annex y of the relevant Regulation.

"New" items are items that are not drawn from the reference legislation. The concepts may be used in the definitions themselves (e.g. ram) or for dissemination purpose (e.g. adult bovine animals).

"Agri.2011": Circular note on " Clarifications on poultry statistics - Regulation (EC) 617/2008" to the Members of the Working Party on Animal Production Statistics, sent by Eurostat on 26 April 2011, in which DG AGRI sets out its response to the issues raised during the Working Party meeting on 17-18 March 2011.

"TE/XXX" is a document of the Working Party on Animal Production Statistics, for instance Doc. ASA/TE/704 is the present document.

Regulation (EC) No 1165/2008 of the European Parliament and of the Council of 19 November 2008 concerning livestock and meat statistics and repealing Council Directives 93/23/EEC, 93/24/EEC and 93/25/EEC (Text with EEA relevance). OJ L 321, 1.12.2008, p. 1–13.

Council Directive 96/16/EC of 19 March 1996 on statistical surveys of milk and milk products. OJ L 78, 28.3.1996, p. 27–29.

³ 97/80/EC: Commission Decision of 18 December 1996 laying down provisions for the implementation of Council Directive 96/16/EC on statistical surveys of milk and milk products (Text with EEA relevance). OJ L 24, 25.1.1997, p. 26–49.

Commission Regulation (EC) No 617/2008 of 27 June 2008 laying down detailed rules for implementing Regulation (EC) No 1234/2007 as regards marketing standards for eggs for hatching and farmyard poultry chicks. OJ L 168, 28.6.2008, p. 5–16.

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Table S 1: Concepts (livestock and meat)

Concept (livestock and meat)	Definition		Source	
Agricultural holding	Parliament and of the Council of 19 Novembe both technically and economically, in Annex I within the economic terriannex I of Regulation (EC) No 1166/2008] on the European Statistical Classifica	Agricultural holding' means [an agricultural holding as defined in Article 2(a) of Regulation (EC) No 1166/2008 of the European Parliament and of the Council of 19 November 2008 on farm structure surveys and the survey on agricultural production methods ¹] a single unit, both technically and economically, which has a single management and which undertakes agricultural activities listed in Annex I within the economic territory of the European Union, either as its primary or secondary activity. Annex I of Regulation (EC) No 1166/2008] The following activities (which may be either primary or secondary activities) are based on the European Statistical Classification of Economic Activities (NACE Rev. 2) for crop and animal production, hunting and related service activities and are used to define an agricultural holding:		
	Description of activity Re	ACE ev. 2 Additional notes on activities included or excluded when defining agricultural activities ode		
	Growing of non-perennial crops 0	1.1		
	Growing of perennial crops 0	1.2 Agricultural holdings which produce wine or olive oil from self-produced grapes or olives are included within the scope of this Regulation.		
	Plant propagation 0	1.3		
	Animal production 0	All activities classified under 01.49 of NACE Rev. 2 (Raising of other animals) shall be excluded from the scope of this Regulation, except: (i) the raising and breeding of ostriches, emus and rabbits; (ii) bee-keeping and production of honey and beeswax.		
	Mixed farming 0	1.5		
	Support activities to agriculture and post-harvest crop activities	In general, all holdings which carry out activities under 01.6 of NACE Rev. 2 are excluded from the scope of this Regulation if they are undertaken exclusively. However, holdings exclusively maintaining agricultural land in good agricultural and environmental condition (under 01.61 of NACE Rev. 2) are included in the scope of this Regulation.		
Slaughterhouse	The term 'slaughterhouse' means ar animals whose meat is intended for hu	n officially registered and approved establishment used for slaughtering and dressing uman consumption.	R1165Art2	
Sample survey	random sampling which are designed	as defined in Article 2(c) of Regulation (EC) No 1166/2008] statistical surveys based on stratified d to provide representative statistics concerning agricultural holdings at regional and hall include the size and type of the agricultural holding to ensure that agricultural are adequately represented;	R1165Art2	

¹ OJ L 321, 1.12.2008, pp. 14-34.

Concept (livestock and meat)	Definition	Source
Carcass	The term 'carcass'	R1165Ann1
	(a) for bovine animals means the whole body of a slaughtered animal as presented after bleeding, evisceration and skinning, presented without the head (separated from the carcass at the atloido-occipital joint); without the feet (severed at the carpametacarpal or tarsometatarsal joints); without the organs contained in the thoracic and abdominal cavities with or without the kidneys, the kidney fat and the pelvic fat; and without the sexual organs and the attached muscles and without the udder or the mammary fat;	
	(b) for pigs means the body of a slaughtered pig, bled and eviscerated, whole or divided down the mid-line, without tongue, bristles, hooves, sexual organs, flare fat, kidneys and diaphragm;	
	(c) for sheep and goats means the whole body of a slaughtered animal as presented after bleeding, evisceration and skinning, presented without the head (separated at the atloido-occipital joint); without the feet (severed at the carpametacarpal or tarsometatarsal joints); without the tail (severed between the sixth and seventh caudal vertebrae); without the organs contained in the thoracic and abdominal cavities (except the kidneys and kidney fat); and without the udder and sexual organs; the kidneys and kidney fat are part of the carcass;	
	(d) for poultry means the animal plucked and drawn, without head and feet and without neck, heart, liver and gizzard, known as '65 % chicken', or otherwise presented.	
	Deviation: In Denmark up to 2011, (d) was implemented as '70% chicken' (grill chicken)	TE/755
	Deviation: In Hungary, (d) includes also the head in few small-scale slaughterhouses	TE/755
	Deviation: In Netherland, (d) include skin, stomach, liver, heart and neck and is known as the '74% chicken'.	TE/755
Animal category	Classification of live animals and of carcasses of animals	TE/704
Territory of the Member State	Territory defined by Decision 91/450/EEC ²	TE/704

² Commission Decision of 26 July 1991 defining the territory of Member States for the purposes of implementing Article 1 of Council Directive 89/130/EEC, Euratom on the harmonization of the compilation of gross national product at market prices. *OJ L 240, 29.8.1991, pp. 36–40*

Table S 2: Concepts (eggs and chicks)

Concept (eggs and chicks)	Definition	Source
	Eggs for hatching are intended to be placed in incubation to obtain chicks. Chicks are then used either for utility (laying of eggs for consumption or slaughtering for meat) or for breeding (production of eggs for hatching, i.e. parent or grandparent stock).	
Establishment , in the context of Regulation	Establishment or part of an establishment for each of the following sectors of activity.	R617Art1
Packing center	Undertaking or producer approved by the competent national authority as packing center in line with Regulation (EC) No 2295/2003.	Reg. (EC) 2295/2003
	Approved undertaking which grades. packs and marks eggs and packs.	
Eggs [for consumption] producer	The agricultural holding with laying hens producing eggs for consumption during the reference period.	TE/730
Producer of eggs for hatching and chicks		
Pedigree breeding establishment	An establishment for the production of eggs for hatching intended for the production of grandparent stock, parent stock or utility chicks.	R617Art1
Breeding establishment	An establishment for the production of eggs for hatching intended for the production of utility chicks.	R617Art1
Hatchery	An establishment for incubating eggs, hatching and supplying chicks.	R617Art1
Special regions, single region	By subsidiarity, the data on the structure and utilisation of hatcheries can be collected for only one (single region) or some regions, representative of the national situation. The regions concerned can be defined on the basis of national criteria (special region).	Agri.2011

Table S 3: Concepts (milk)

Concept (milk)	Definition	Source
Enterprises	The enterprise is the smallest combination of legal units that is an organizational unit producing goods or services, which benefits from a certain degree of autonomy in decision-making, especially for the allocation of its current resources. An enterprise carries out one or more activities at one or more locations. An enterprise may be a sole legal unit. (Council Regulation (EEC) No 696/93 of 15 March 1993, OJ No L 76, 30. 3. 1993).	
Dairy enterprises	Undertakings from one of the following categories	D96Art2

Concept (milk)	Definition	Source
Enterprises referred to in Article 2 (1) of Council Directive 96/16/EC, [Milk product processers]	Undertakings or agricultural holdings which purchase whole milk or, in certain cases, milk products, either directly from agricultural holdings or from the undertakings referred to in point 2, with a view to transforming them into milk products	D96Art2(1) DecAnn2
Collection centers, referred to in Article 2 (2) of Council Directive 96/16/EC	Undertakings which collect milk or cream in order to transfer it in whole or in part, without any processing, to the undertakings referred to in point 1.	D96Art2(2)
	Table E relates only to those enterprises which purchase milk from agricultural holdings and sell it in their own name to dairies. Collection centers which are local units dependent on dairies are thus excluded.	D97Ann2
	The accounting centers for national accounting of quantities of milk collected in the national territory by an enterprise (dairy) from another Member State must therefore also be included in this table.	
Agricultural holding	A techno-economic unit under a single management producing agricultural products.	D97Ann2
Dairy cows	Cows which are used exclusively or mainly for the production of milk for human consumption and/or processing into dairy products, including cull dairy cows (whether or not fattened between their last lactation and their slaughter).	D97Ann2
Milk	For the purpose of this Directive, 'milk' means the milk of cows, ewes, goats and buffaloes. The monthly surveys provided for in Article 4 (1) (a) shall cover only cow's milk and products manufactured exclusively from cows' milk.	D96Art3

Table S 4: Variables (livestock and meat)

Variable (livestock and meat)	Definition	Source
Carcass weight	The term 'carcass weight' means the weight of the cold carcass which, for pigs, notably, is obtained by subtracting 2 % from the weight recorded warm 45 minutes, at the latest, after the pig is bled, and which for cattle is obtained by subtracting 2 % from the weight recorded warm 60 minutes, at the latest, after the animal is bled.	R1165Ann1
	Deviation: In Austria, it results of summing up the weight of poultry (i) plucked & gutted, (ii) ready to roast (incl. guts), (iii) ready to roast (excl. guts), (iv) parts and (v) meet (without bones)	TE/755
Gross indigenous production (GIP)	Member States shall use the statistics mentioned in Sections I and II, and other available information, to produce forecasts of their supply of bovine animals, pigs, sheep and goats. This supply shall be expressed as the gross indigenous production , which corresponds to the number of bovine animals, pigs, sheep and goats slaughtered plus the balance of intra-Community and external trade in these live animals.	R1165Art13
	Gross indigenous production (GIP) is the number of live animals produced by agriculture on a reference area (usually the territory of a Member State). Production is understood as follows:	TE/730

Variable (livestock and meat)	Definition	Source
	 when the reporting entity is a net exporter (it exports more than it imports) of these animals, it is the sum of the number of animals slaughtered and the net number of animals exported alive or, 	
	 when the reporting entity is a net importer (it imports more than it exports) of these animals, it is the discrepancy between the number of animal slaughtered and the net number of animals imported alive. 	
	Deviation: In Latvia, the number of animals exported alive is not considered.	TE/755
	Deviation: In Malta GIP represents slaughtering of animals born and fattened in the Maltese territory.	TE/755
Slaughtering [including other slaughtering]	All bovine animals, pigs, sheep and goats slaughtered on its territory.	R1165Art9
Slaughtering, slaughtering in slaughterhouses, activity of slaughterhouses	Slaughtering of bovine animals, pigs, sheep, goats and poultry slaughtered in slaughterhouses on its territory, whose meat is deemed fit for human consumption.	R1165Art9
Other slaughtering	Slaughtering carried out other than in slaughterhouses.	R1165Art9

Table S 5: Variables (eggs and chicks)

Variable (eggs and chicks)	Definition	Source
Trade in farmyard poultry chicks	Number of chicks imported or exported by a Member State, in thousands.	R617Art1
Capacity	The maximum number of eggs for hatching which may be placed simultaneously in incubators excluding hatchers	R617Art1
Use of chicks	Number of chicks produced in a Member State by intended use (based on the genetic type), including those exported for being used in another country.	New Agri 2014
Chicks placed	Number of chicks placed in production in a Member State, either coming from national hatcheries or imported alive.	New
		Agri 2014

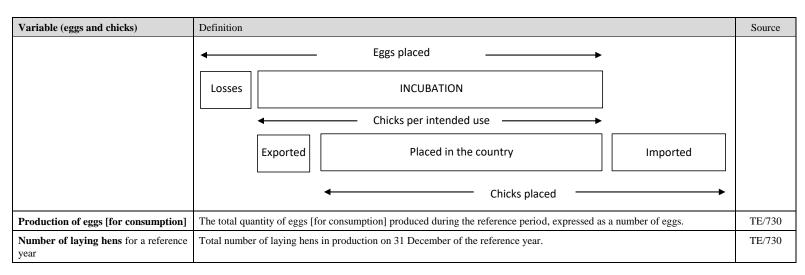


Table S 6: Variables (milk)

Variable (milk)	Definition	Source
Availabilities	Quantity of raw material available from a particular source	
Milk collected from farms	Table C and E Quantities of milk and cream (in milk equivalent) collected direct from farms.	D97Ann2
Fat content	Table A	D97Ann2
	— fat content of milk, as a percentage of the product weight,	
	— weighted national average based on data obtained by reference to the Rose-Gottlieb method (code IDF/FIL 1C: 1987).	
	Table B, Use, Milk fat content	D97Ann2
	Quantities (in tonnes) of milk fat used to manufacture the product concerned, including possible losses occurring during the manufacturing process.	
Protein content	Table A	D97Ann2
	— protein content of milk, as a percentage of the product weight,	

Variable (milk)	Definition	Source
	— weighted national average on the basis of data obtained by reference to the Kjeldahl method	
	Table B, Availabilities, Milk protein	D97Ann2
	Quantities (in tonnes) of milk protein contained in the cows' milk collected.	
Quantities	Table B	D97Ann2
	Unless otherwise indicated, the quantities to be recorded refer to the net weight of the raw material/finished product (in 1 000 tonnes).	
	Quantities of processed fresh milk products shall be understood to be available for delivery outside dairies.	
Use	Quantity of raw material used for a particular activity, of which product processing	
Use by dairies, Input of raw material	Input of material for a product is the quantity of material used in the manufacture of the product in question, including possible losses occurring during the manufacturing process.	D97Ann2
Input of whole milk	Table B, Use, Input of whole milk	D97Ann2
	Quantities (in 1 000 tonnes) of whole milk used in the manufacture of the product in question, including possible losses occurring during the manufacturing process.	
Input of skimmed milk	Table B, Use, Input of skimmed milk	D97Ann2
	— positive: quantities (in 1 000 tonnes) of skimmed milk used in the manufacture of the product in question, including possible losses occurring during the manufacturing process,	
	— negative: quantities (in 1 000 tonnes) of skimmed milk recovered during the manufacturing process for the product in question (for example: skimmed milk recovered during the manufacture of butter from whole milk or cream).	
Volume of raw material processed	Table F	D97Ann2
	Total volume of raw material processed = quantities of whole milk (or whole milk equivalent) used for the manufacture of milk products in the enterprise.	
Products obtained	Quantity of products processed	D97Ann2
Farm products	The quantities reported shall refer to the net weight of the finished product (in 1 000 tonnes).	D97Ann2
of which delivered to dairies	Relates to deliveries of cream, butter, cheese and other farm products to dairies (within or outside the Member State).	D97Ann2
Products obtained	Table A	D97Ann2
	Quantities of processed fresh milk products shall be understood to be available for delivery outside dairies.	

Table S 7: Animal categories (livestock and meat)

Animal category (livestock and meat)	Definition	Source
Bovine animal	Domestic animals of the species Bos taurus and Bubalus bubalis, including hybrids like Beefalo.	R1165Art2
Cattle	Domestic animals of the species Bos Taurus.	TE/704
Buffaloes	Domestic animals of the species Bubalus bubalis.	TE/704
Disambiguation	In Annex II of Regulation (EC) No 1165/2008, bovine animals are split in four categories at a first level: - bovine animals aged not over 1 year, - bovine animals aged over 1 year but under 2 years (except females that have not yet calved), - bovine animals of 2 years and over, - buffaloes. [meaning ", of which buffaloes"]	R1165Ann2
Calves and young cattle	Bovine animals aged not over 1 year	R1165Ann1
	Note: young buffaloes are also included here	
	Deviation: In Austria, only calves and on the other hand bulls, bullocks, cows and heifers are differentiated. This means in practice: there's a "0" in Austrian tables for "young cattle", but the quantity itself is part of bulls, bullocks and heifers (seriously not of cows) – so there is at last no difference in the total (and the same applies to reported weights also).	TE/755
for slaughter	Calves and young cattle aged not over 12 months old for slaughter	R1165Ann1
	Note: The fate of almost all animals is to be slaughtered. Categories for slaughter are obviously designed for the purpose of GIP and include the animals to be slaughtered before changing category. E.g. <i>calves and young cattle for slaughter</i> means they will be slaughtered as calves or young cattle.	
	Category bovine animals for slaughter (organic farming statistics) is not the sum of the various categories for slaughter regarding bovine animals. For instance, calves intended to be slaughtered at 18 months are bovine animal for slaughter but not calves for slaughter. As well bullocks younger than 2 years are bovine animals for slaughter whereas there is no specific category of animals for slaughter amongst the male bovine animals.	
Calves	Bovine animals aged 8 months or under.	R1165Ann1
	Deviation: In Poland and for slaughtering statistics, the data is collected on the base of weight of cattle (calves is a category with cattle under 160 kg and young cattle from 160 to 300 kg).	TE/755
Young cattle	Bovine animals aged over 8 but not over 12 months.	R1165Ann1
Adult bovine animals	Bovine animals aged 1 year or more.	TE/704

Animal category (livestock and meat)	Definition	Source
Bulls and bullocks	Male bovine animals aged 1 year or more.	R1165Ann5
Bulls	Non-castrated male bovine animals aged 1 year or more.	R1165Ann1
Bullocks	Castrated bovine animals aged 1 year or more.	R1165Ann1
Heifers	Female bovine animals aged 1 year or more and that have not yet calved.	R1165Ann1
	Warning! In Farm Structure survey, only female aged at least 2 years are taken as heifers.	
Cows	Female bovine animals aged 1 year or more and that have calved.	R1165Ann1
	Deviation: In Netherland, cull dairy cows are not included in the number of dairy cows.	TE/755
Dairy cows	Cows kept exclusively or principally for the production of milk for human consumption and/or for processing into dairy products, including cull cows for slaughter (whether fattened or not between last lactation and slaughter).	R1165Ann1
Other cows	Cows other than dairy cows, possibly including any draught cows.	R1165Ann1
Pigs	Domestic animals of the species Sus scrofa domestica.	R1165Art2
Piglets	Pigs with a live weight of less than 20 kg.	R1165Ann2
	Comment: whereas this definition is not relevant everywhere, it was not possible to propose a better harmonized definition. As the same definition was being used in the Farm Structure Survey, no change was adopted.	
	Deviation: In Luxembourg, the maximum live weight of piglets is 10 kg.	TE/755
	Deviation: In Netherland, the maximum live weight of piglets is 25 kg.	TE/755
Boars	Breeding male pigs with a live weight of 50 kg and over.	R1165Ann2
Sows	Breeding female pigs with a live weight of 50 kg and over.	R1165Ann2
Gilts	Sows not yet covered.	R1165Ann2
Sheep	Domestic animals of the species Ovis aries.	R1165Art2
Lambs	Male or female sheep under 12 months old.	R1165Ann1
	Deviation: In Denmark and for slaughtering statistics, lamb is defined as male or female younger than 18 months.	TE/755
Ewes and ewe lambs put to the ram	Female sheep which have already lambed at least once, as well as those which have already been put to the ram for the first time.	R1165Ann1
	Comment: Annex I of Regulation (EC) No 1165/2008 refers to "females of the ovine species", which covers also wild ovine	

Animal category (livestock and meat)	Definition	Source
	species. For the purpose of clarity, it should refer to sheep as previously defined.	
Ewes	Female sheep which have already lambed at least once.	
Ewe lambs put to the ram	Breeding female sheep which have already been put to the ram for the first time, but which have not yet lambed.	
Ram	Male breeding sheep	TE/704
Milk ewes	Ewes kept exclusively or principally for the production of milk for human consumption and/or for processing into dairy products, including cast milk sheep (whether fattened or not between last lactation and slaughter).	R1165Ann1
Milk ewe lambs	Ewe lambs intended to become milk ewes.	TE/704
Goats	Domestic animals of the species Capra aegagrus hircus.	R1165Art2
Poultry	Domestic birds of the species Gallus gallus, Meleagris spp. (turkeys), Anas spp. and Cairina moschata (ducks) and Anser anser dom. (geese).	R1165Art2
	Domestic birds of the species <i>Coturnix</i> spp. (quails), <i>Phasianus</i> spp. (pheasants), <i>Numida meleagris</i> dom. (guineafowl), <i>Columbinae</i> spp. (pigeons) and <i>Struthio camelus</i> (ostriches) are included. However, birds raised in confinement for hunting purposes and not for meat production are excluded.	
Chickens	Domestic birds of the species Gallus gallus.	R1165Art2
	Boiling hens are included together with chickens.	TE/696
Laying hens	Fowls of domestic species <i>Gallus gallus</i> having reached laying maturity and kept for production of eggs for consumption. Pullets and cull hens are thus not included as long as they are not yet or no longer placed for laying. Fowls producing eggs intended for incubation are not considered here as laying hens.	TE/730
	Warning! In Farm Structure survey (FSS) laying hens include hens producing eggs for incunbation. FSS laying hens include also breding cocks cull hens and, if they have been stalled up as laying hens, pullets.	
Turkeys	Domestic birds of the species Meleagris spp.	R1165Art2
Ducks	Domestic birds of the species Anas spp. and Cairina moschata.	R1165Art2
Geese	Domestic birds of the species Anser anser dom.	R1165Art2
	Geese are included together with other poultry for meat statistics (applied on 01/01/2009)	R1165Art2
Other poultry	Poultry, other than chickens, turkeys or ducks	R1165Art2

Table S 8: Eggs and chicks categories

Concept (eggs and chicks)	Definition	Source
Eggs for hatching	Poultry eggs falling within subheadings 0407 11 00, 0407 19 11 and 0407 19 19 of the Combined Nomenclature intended for the production of chicks, classified according to species, category and type and identified in accordance with this Regulation, produced in the Community or imported from third countries.	R617Art1 TE/725
Eggs for consumption	Poultry eggs in shell, not fertilised for incubation.	R617Art1
(Hen) eggs for consumption	Fresh eggs of fowls of the species Gallus gallus intended for human consumption (not intended for incubation), in shell.	TE/730
Eggs [for consumption] produced	Eggs [for consumption] to be packed as fresh eggs leaving the laying place (building, rooms), including for storage or further processing.	TE/730
Chicks	Live farmyard poultry the weight of which does not exceed 185 grammes, either produced in the Community or imported from third countries and falling within subheadings 0105 11 and 0105 19 of the Combined Nomenclature, of the following categories.	R617Art1
Utility chicks	Chicks of one of the following types.	R617Art1
Table type chicks	Chicks intended to be fattened and slaughtered before reaching sexual maturity.	R617Art1
Laying chicks	Chicks intended to be raised with a view to the production of eggs for consumption.	R617Art1
Dual-purpose chicks	Chicks intended either for laying or for the table.	R617Art1
	The above definition overlaps with both previous utilities. It must be understood as "Chicks the breed of which does not enable the prediction of their utility either for laying or table."	Agri.2011
Parent stock chicks	Chicks intended for the production of utility chicks	R617Art1
Grandparent stock chicks	Chicks intended for the production of parent stock chicks	R617Art1
Cockerel for sexing	"Cockerel for sexing" are the male chicks resulting from the sexing of potential laying chicks. The wording "cockerel from sexing" would be more explicit.	Agri.2011

Table S 9: Availabilities and use for farms and dairies (milk)

Availabilities and use	Definition	Source
Availabilities on farms		
of whole milk	The quantities of milk obtained.	D97Ann2

Availabilities and use	Definition	Source
of skimmed milk and buttermilk	— returned by the dairies (1): see definition Table B/3.	D97Ann2
	— balance of cream deliveries (2).	
Cows' milk (1)	Relates to all cows' milk, excluding milk directly suckled but including that obtained by milking (including colostrum) used for animal feedingstuffs (for example in buckets or by other means).	D97Ann2
Availabilities for dairies		
Collected milk (I and II)	Relates to purchases of all types of whole milk (cows', ewes', goats' and buffalos' milk) and milk products collected directly from agricultural holdings.	D97Ann2
Other products collected (II.6)	Relates to other milk products (such as cheese, butter and yoghurt) collected from agricultural holdings. These products, whether they are processed or not, are intended for input in the dairies' manufacturing process and must be included in part B (Use) of the table.	D97Ann2
Imports and intra-Community arrivals (III)	In bulk or in containers of 2 l or more.	D97Ann2
Other products imported (III.4)	Relates to other milk products (such as cheese, butter and yoghurt) imported from other countries. These products, whether or not they are intended for input in the dairies' manufacturing process, must be included in part B (Use) of the table.	D97Ann2
	If they are intended to be placed on the market without processing (excluding packaging or maturing), these products must be entered under heading 16 (in the case of fresh farm products) or 28 (in the case of manufactured farm products).	
Use on farms		
Whole milk/	Whole milk (all milks) used	D97Ann2
home consumption	consumed by the holder's household (therefore for human consumption only).	D97Ann2
direct sales	for human consumption sold direct to consumers.	D97Ann2
farm butter and cream	to produce farm butter and cream.	D97Ann2
farm cheese	to produce farm cheese.	D97Ann2
other products	for the manufacture of milk products for human consumption (e.g. yoghurt).	D97Ann2
animal feedingstuffs	for animal feedingstuffs on the farm, in whatever form (as they are or as compound animal feedingstuffs manufactured on the farm).	D97Ann2

Availabilities and use	Definition	Source
delivered to dairies	delivered to dairy.	
	— includes deliveries:	D97Ann2
	 of all types of whole milk (from cows, ewes, goats and buffalos) to dairies (within or outside the Member State) and to the agricultural holdings referred to in Article 2 of Directive 96/16/EC; 	
	— other products (specify), in milk equivalent,	
	— deliveries of cream must be expressed in milk equivalent.	
Whole milk/differences and losses	refers to the statistical difference and the quantities lost during manufacturing,	D97Ann2
	— the total for the 'whole milk use column` should be equal to the total available.	
Skimmed milk and buttermilk/	Skimmed milk and buttermilk used on agricultural holdings	D97Ann2
drinking milk	for human consumption, in particular home consumption on holdings and direct sales to consumers.	D97Ann2
farm cheese	to produce farm cheese.	D97Ann2
Use by dairies		
Production of fresh (1) and manufactured (2) products by dairies	Production of milk products other than farm products.	
Other uses by dairies (codes 3-6)		D97Ann2
Skimmed milk and buttermilk returned to the farm by dairies (3)	The skimmed milk and buttermilk returned to farms.	D97Ann2
Exports and consignments of milk and cream in bulk (4)	Exports and Community dispatches of whole milk, skimmed milk and liquid cream in bulk or in containers of 21 or more by the dairies.	D97Ann2
Other by dairies uses (5)	Includes whole and skimmed milk in bulk or in containers of more than 21 delivered to food industries (e.g. for ice cream) or intended for use as animal feedingstuffs in all forms, except item 3.	D97Ann2
Differences (6)	Relates to the statistical differences.	D97Ann2

Table S 10: Milk products

Milk products	Definition	Source
Drinking milk (11)	Raw milk, whole milk, semi-skimmed and skimmed milk containing no additives.	D97Ann1
	 Relates only to milk directly intended for consumption, normally in containers of 2 l or less, 	
	 Also includes milk with vitamin additives. 	
Farm drinking milk	Home consumption and direct sales of milk by agricultural holdings.	
Raw milk (111)	Milk produced by the secretion of the mammary glands of one or more cows, ewes, goats or buffalos, which has not been heated beyond 40 °C or undergone any treatment that has an equivalent effect (Council Directive 92/46/EEC of 16 June 1992, OJ No L 268, 14. 9. 1992, p. 3).	D97Ann1
Whole milk (112)	Milk which has been subject to one heat treatment or an authorized treatment of equivalent effect by a milk processor and whose fat content is either at least 3.50 % naturally or has been brought to at least 3.5 % (Council Regulation (EEC) No 1411/71 of 29 June 1971, OJ No L 148, 3. 7. 1971, p. 4).	D97Ann1
	 Relates only to milk directly intended for consumption, normally in containers of 21 or less, 	
	 Also includes Swedish drinking milk types designated as 'Gammaldags mjoelk` and 'Standardmjoelk` whose milk fat contents are 4,2 % and 3 % respectively. 	
Semi-skimmed milk (113)	Milk which has been subject to at least one heat treatment or an authorized treatment of equivalent effect by a milk processor and whose fat content has been brought to at least 1,50 % and at most 1,80 % (Council Regulation (EEC) No 1411/71 of 29 June 1971, OJ No L 148, 3. 7. 1971, p. 4).	D97Ann1
	 Also includes Finnish drinking milk designated as 'ykkoesmaito/ettans mjoelk` whose milk fat content is 1 %, 	
	 Also includes the Swedish drinking milk types designated as 'Ekologisk mjoelk' and 'Mellanmjoelk' whose milk fat contents are 2 % and 1.5 % respectively, 	
	 Also includes Austrian drinking milk whose milk fat content is between 2 % and 2,5 %. 	
Skimmed milk (114)	Milk which has been subject to at least one heat treatment or an authorized treatment of equivalent effect by a milk processor and whose fat content has been brought to not more than 0,30 % (Council Regulation (EEC) No 1411/71 of 29 June 1971, OJ No L 148, 3. 7. 1971, p. 4).	D97Ann1
	 Also includes the Swedish drinking milk types designated as 'Laettmjoelk' and 'Minimjoelk' whose milk fat contents are 0.5 % and 0.07 % respectively, 	
	 Also includes Austrian drinking milk whose milk fat content is 0.5 %. 	

Milk products	Definition	Source
Pasteurized (1141)	Pasteurized milk must have been obtained by means of a treatment involving a high temperature for a short time (at least 71.7 °C for 15 seconds or any equivalent combination) or pasteurization process using different time and temperature combinations to obtain an equivalent effect (Council Directive 92/46/EEC of 16 June 1992, OJ No L 268, 14. 9. 1992, p. 24).	D97Ann1
Sterilized (1142)	Sterilized milk must:	D97Ann1
	 have been heated and sterilized in hermetically sealed wrappings or containers, the seal of which must remain intact, 	
	— in the event of random sampling, be of preservability such that no deterioration can be observed after it has spent 15 days in a closed container at a temperature of +30 °C (Council Directive 92/46/EEC of 16 June 1992, OJ No L 268, 14. 9. 1992, p. 25).	
Uperized (1143)	Uperized milk (or UHT milk) must be produced by applying a continuous flow of heat using a high temperature for a short time (not less than 135 °C for not less than 1 second) (Council Directive 92/46/EEC of 16 June 1992, OJ No L 268, 14. 9. 1992, p. 24).	D97Ann1
	 Member States which make no distinction between sterilized and uperized milk may group them together. 	
Buttermilk (12)	Residual product (may even be acid or acidified) of the processing of milk or cream into butter (by continuous churning and separation of the solid fats).	D97Ann1
	 Buttermilk with additives must be included in drinks with a milk base. 	
Cream	A film of fat which forms naturally on the surface of the milk by slow agglomeration of emulsifying fat globules. If it is removed by skimming it from the surface of the milk or extracted from the milk by centrifuging in a cream separator, it has, in addition to the other components of the milk, a relatively high fat content (usually exceeding 10 % of the weight of the product).	D97Ann1
Farm cream	Cream produced on agricultural holdings	
Cream (13)	Cream which has been processed and is available for delivery outside dairies (i.e. for human consumption, as raw material for manufacturers of chocolate, ice cream, etc.). In the same way as for other products, does not include intermediate production intended for the manufacture of other dairy products.	D97Ann1
	 Table A/Collection`: raw material (in milk equivalent) delivered to dairies by agricultural holdings. 	D97Ann1
	— Table B/Availabilities`: cream separated at the farm and delivered to a dairy.	
	— Table A/'Products obtained` and Table B/'Utilization`:	
	 pasteurized, sterilized or uperized; 	

Milk products	Definition	Source
	 also includes acidified cream; 	
	 also includes cream in cartons or tins. 	
Acidified milk (14)	Milk products with a pH of between 3,8 and 5,5.	D97Ann1
!	 Relates to yoghurts, drinkable yoghurts, prepared yoghurts, heat-treated fermented milk and others, 	
!	 Also includes products based on or containing bifidus. 	
Acidified milk with additives (141)	Sweetened acidified milk should be included under heading 142.	D97Ann1
Acidified milk without additives (142)	Also includes acidified milk with the addition of sugar and/or sweeteners.	D97Ann1
Drinks with a milk base (15)	Other liquid products containing at least 50 % milk products, including products based on whey.	D97Ann1
	 Includes chocolate milk, buttermilk with additives or flavoured, etc. 	
Other fresh products (16)	 Relates to fresh milk products not elsewhere specified, mainly milk-based desserts (jellied milks, custard tarts, cream desserts, mousses, etc.) and ice cream (and similar products) manufactured in the reporting enterprises, 	D97Ann1
!	 Also includes desserts in tins, 	
	 Also includes fresh farm products collected from agricultural holdings (under heading Availability/III.4) and placed on the market without processing (excluding packaging). 	
Concentrated milk (21)	A product obtained by partial elimination of water, from whole milk, semi-skimmed or skimmed milk only.	D97Ann1
!	 Also includes evaporated milk (heat-treated) and concentrated milk with added sugar, 	
	 Also includes concentrated milk used for the manufacture of 'Chocolate crumb'; dried product consisting of milk, sugar and cocoa paste in the following proportions: 	
!	— milkfat: more than 6,5 % (content by weight) but less than 11 % (content by weight),	
!	— cocoa: more than 6,5 % (content by weight) but less than 15 % (content by weight),	
	 sucrose (including invert sugar calculated as sucrose) more than 50 % (content by weight) but less than 60 % (content by weight), 	
	— non-fat dry matter of milk: more than 17 % (content by weight) but less than 30 % (content by weight),	
1	— water: more than 0.5 % (content by weight) but less than 3.5 % (content by weight).	

Milk products	Definition	Source
	Its composition is as given in Annex I to Commission Regulation (EEC) No 380/84 of 15 February 1984 (OJ No L 46 16. 2. 1984, p. 26).	
Powdered dairy products (22)	Product obtained by eliminating water from cream, whole milk, semi-skimmed milk, skimmed milk, buttermilk and acidified milk.	D97Ann1
	 Also includes additives to the raw material before the product is made into powder, 	
	 Also includes milk powder manufactured in dairies and contained in powders for infants and in animal feeds. 	
Cream milk powder (221)	Milk powder with a milk fat content of not less than 42 % by weight of the product.	D97Ann1
Whole milk powder (222)	Milk powder with a milk fat content of not less than 26 % and less than 42 % by weight of the product.	D97Ann1
Partly skimmed-milk powder (223)	Milk powder with a milk fat content of more than 1.5 % and less than 26 % by weight of the product.	D97Ann1
Skimmed-milk powder (224)	Milk powder with a maximum milk fat content of 1.5 % by weight of the product.	D97Ann1
Buttermilk powder (225)	Powder product made from buttermilk.	D97Ann1
Other powdered products (226)	Curdled milk and cream, kephir and other fermented or acidified milk and cream, whether or not containing added sugar or other sweetening matter or flavoured or containing added fruit or cocoa.	D97Ann1
	 Also includes mixtures of powdered cream, milk, buttermilk and/or whey, 	
	 Also includes protein-based powdered products. 	
Butter, total and other yellow fat dairy products (23)	Includes butter, traditional butter, recombined butter, whey butter, rendered butter and butteroil, and other yellow fat products, expressed in butter equivalent with a milk fat content equal to 82 % by weight of the product.	D97Ann1
	— Table A: Denmark: includes only butter (231),	
	— Table B: the headings 231 (butter), 2311 (traditional butter), 2312 (recombined butter), 2313 (whey butter), 232 (rendered butter and butteroil), 233 (other yellow fat dairy products), 2331 (reduced-fat butter) and 2332 (other) must be recorded in product weight. Only item 23 must be given in its butter equivalent.	
Farm butter	Butter produced on agricultural holdings.	D97Ann2
Butter (231)	A product with a milk fat content of not less than 80 % and less than 90 %, a maximum water content of 16 % and a maximum dry non-fat milk-material content of 2 %.	D97Ann1
	 Includes also butter which contains small amounts of herbs, spices, aromatic substances, etc. on the condition that the product retains the characteristics of butter. 	

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Milk products	Definition	Source
Traditional butter (2311)	A product obtained directly and exclusively from pasteurised cream, with a milk fat content of not less than 80 % and less than 90 %, a maximum water content of 16 % and a maximum dry non-fat milk-material content of 2 %.	D97Ann1
Recombined butter (2312)	A product obtained from butteroil, non-fat dry milk extract and water, with a milk fat content of not less than 80 % and less than 90 % and maximum water content of 16 % and a maximum dry non-fat milk-material content of 2 %.	D97Ann1
Whey butter (2313)	A product obtained from whey cream or a mixture of whey cream and cream with a milk fat content of not less than 80 % and less than 90 % and maximum water content of 16 % and a maximum dry non-fat milk-material content of 2 %.	D97Ann1
	Headings 2311, 2312 and 2313 also include butter which contains small amounts of herbs, spices, aromatic substances, etc. on the condition that the product retains the characteristics of butter.	
Rendered butter and butteroil (232)		D97Ann1
Rendered butter	Rendered butters have a milk fat content exceeding 85 % by weight. The term frequently covers, in addition to rendered butter as such, a number of other similar dehydrated butters which are known generically under various names, such as "dehydrated butter", "anhydrous butter", "butteroil", "butyric fat" (milk fat) and "concentrated butter".	D97Ann1
Butteroil	A product obtained from milk, cream or butter by processes which eliminate the water and the dry non-fat extract with a minimum content of milk fat of 99,3 % of the total weight and a maximum water content of 0,5 % of the total weight.	D97Ann1
	— Also includes "ghee".	
	 To avoid double counting, "butteroil" relates only to direct production from cream. 	
Other yellow fat products (233)		D97Ann1
Reduced-fat butter (2331)	Product similar to butter with a milk-fat content of less than 80 % by weight (excluding all other fat) (sales description according to section A of the Annex to Regulation (EC) No 2991/94 (1): "three-quarter-fat butter", "half-fat butter" and "dairy spread").	D97Ann1
Other (2332)	In particular, fats composed of plant and/or animal products: products in the form of a solid, malleable emulsion principally of the water-in-oil type, derived from solid and/or liquid vegetable and/or animal fats suitable for human consumption, with a milk-fat content of between 10 and 80 % of the fat content (sales description according to section C of the Annex to Regulation (EC) No 2291/94: "blend", "three-quarter-fat blend", "half-fat blend" and "blended spread").	D97Ann1
	Table B: if the reduced-fat butter (2331) and/or "other" (2332) are produced from butter manufactured in the same dairy and the type of butter is not identifiable (2311, 2312 or 2313) the data are taken from heading 23, indicating the quantity of butter concerned.	D97Ann1
Farm cheese	Cheese produced on the agricultural holding.	

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Milk products	Definition	Source
Cheese (24)	Shall be a fresh or matured, solid or semi-solid product, obtained by coagulating milk, skimmed milk, partly skimmed milk, cream, whey cream or buttermilk, alone or in combination, by the action of rennet or other suitable coagulating agents, and by partly draining the whey resulting from such coagulation. (Codex Alimentarius - FAO, Volume XVI, Standard A-6).	D97Ann1
	 Table A: — cows' milk only, — also includes cheese used for the manufacture of processed cheese but excludes processed cheese. 	
	 Table B: — includes all the various categories of cheeses (and curds) obtained from all kinds of milk (242), — also includes ricotta, — the quantities of cheese must exclude the quantities of cheese used to make processed cheese, — the subdivision into main hardness categories depends on the moisture content on a fat-free basis (MFFB): 	
	weight of water content total weight - weight of fat content X 100	
Soft cheese (2421)	Cheese in which the MFFB when refined is in general not less than 68 %.	D97Ann1
Semi-soft cheese (2422)	Cheese in which the MFFB when refined is in general not less than 62 % and less than 68 %.	D97Ann1
Semi-hard cheese (2423)	Cheese in which the MFFB when refined is in general not less than 55 % and less than 62 %.	D97Ann1
Hard cheese (2424)	Cheese in which the MFFB when refined is in general not less than 47 % and less than 55 %.	D97Ann1
Very hard cheese (2425)	Cheese in which the MFFB when refined is in general less than 47 %.	D97Ann1
Fresh cheese (2426)	Product obtained from sour milk from which most of the serum has been removed (e.g. by draining or pressing). Also includes curds (other than in powder form) containing up to 30 % by weight in the form of sugar and added fruits.	D97Ann1
	 Includes fresh whey cheese (obtained by concentrating whey and adding milk or milk fat). 	
Processed cheese (25)	Product obtained by grinding, mixing, melting and emulsifying under the action of heat and with the aid of emulsifying agents one or more varieties of cheese, with or without the addition of milk components and/or other foodstuffs. (Codex Alimentarius - FAO, Volume XVI, Standard A-8 (b)).	D97Ann1
Casein and caseinates (26)		
Casein	Casein is the main protein constituent of milk. It is obtained from skimmed milk by precipitation (curdling), generally with acids or rennet. The heading covers various types of casein which differ according to the method of curdling, e.g. acid casein and rennet casein (paracasein). (Explanatory notes to the harmonized system - SectionVI, Chapter 35 (No 35.01)).	D97Ann1
Caseinates	Caseinates (salts of casein) include the sodium and ammonium salts known as 'soluble caseins'; these salts are normally used to prepare concentrated foods and pharmaceutical products. Calcium caseinate is used in the preparation of foodstuffs or as a	D97Ann1

Milk products	Definition	Source
	glue, depending on its character. (Explanatory notes to the harmonized system - SectionVI, Chapter 35 (No 35.01)).	
Whey (27)	By-product obtained during the manufacture of cheese or casein. In the liquid state, whey contains natural constituents (on average 4,8 % lactose, 0.8 % protein and 0.2 % fats by weight of the product) which remain when the casein and the majority of the fat have been removed from the milk.	D97Ann1
Total whey (27)	Also includes the whey used in the dairy for manufacturing animal feedingstuffs.	D97Ann1
	Items 271 (whey delivered in the liquid state), 272 (whey used in the concentrated state), 273 (whey in powder or block form), 274 (lactose), 275 (lactalbumin) are to be given in their effective weight. Only item 27 (total whey) is to be given in its liquid whey equivalent and must in no event be the sum of the abovementioned quantities.	
Whey delivered in the liquid state (271)	Whey delivered to be used mainly for animal feeds. Quantities used as raw materials for other processes must be excluded.	D97Ann1
Whey delivered in the concentrated state (272)		D97Ann1
Whey in powdered or block form (273)		D97Ann1
Lactose (milk sugar) (274)		D97Ann1
Lactalbumin (275)	One of the main components of whey protein.	D97Ann1
Other manufactured products (28)	This heading relates to manufactured milk products (to be specified) not designated elsewhere, mainly lactoferrins.	D97Ann1
	 Also includes manufactured farm products collected from agricultural holdings (under heading Availability/III.4) and placed on the market without processing (excluding packaging or maturing). 	
Other farm products	Other products (to be specified) produced on the agricultural holding.	

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Annex 2 - Further explanations related to the requested data

EXPLANATORY NOTES

TABLE A (D97Ann2)

The data concerning this Table refer only to cows' milk, for both collection and the products obtained (mixtures are therefore excluded).

In the case of weekly returns, the data for the weeks running into the next month must be divided and broken down in accordance with the number of working days in each of the two months.

TABLE B (D97Ann2)

To avoid double counting, milk products used within the same dairy for the manufacture of other milk products are not taken into account.

Likewise, the data in this table refer to the concept of the 'national dairy'. Accordingly, all trade in raw materials or products between dairies in the Member State concerned must be excluded from national production figures.

TABLES D, E, F AND G (D97Ann2)

Transmitted data which are subject to statistical confidentiality must be clearly identified as such.

The tables must be completed for all enterprises in operation on 31 December of the reference year. They relate to the dairies' activities, including the activities of dairies