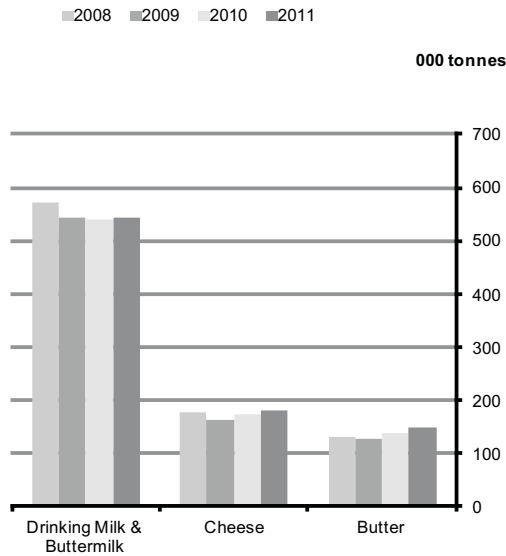




## Milk & Milk Products Supply Balance 2011

### Usable Production



	Usable production	Domestic uses	Self-sufficiency
	'000 tonnes		
<b>Drinking milk &amp; buttermilk</b>	544	625	87%
<b>Cheese</b>	180	31	587%
<b>Butter</b>	149	14	1082%

### Drinking Milk and Buttermilk production increased by 0.6% in 2011

Production of drinking milk and buttermilk for 2011 increased by 0.6% to 544,000 tonnes.

Butter production increased by 8.0% in 2011, bringing production to 149,000 tonnes. Butter exports at 145,000 tonnes were up 6.6% on 2010 levels. *See Table 1 and graph.*

Production of cheese increased by 4.7% to 180,000 tonnes in 2011, of which 92.8% or 167,000 tonnes was exported. *See Table 1 and graph.*

A comparison of the 2010 and the 2011 figures shows that (*See Table 1*):

- ◆ Production of cream remained unchanged at 21,000 tonnes.
- ◆ Production of Milk Powder increased by 11.7% to 105,000 tonnes.

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**Table 1 Milk and Milk Products Supply Balance 2011**

Product		Usable	Imports	Supplies	Exports	Variation	Domestic	Industrial	Human	Human	Self-
		production		= Uses		in Stocks	Uses	Uses	consumption	consumption	Sufficiency
		1	2	1+2=3+4+5	3	4	5	6	7=5-6	8	1/5
		'000 tonnes								per capita	%
<b>Drinking Milk &amp; Buttermilk<sup>1</sup></b>	<b>2008</b>	572	61	633	8	0	625	0	625	137.2 litres	92
	<b>2009<sup>2</sup></b>	543	80	624	8	0	615	0	615	134.0 litres	88
	<b>2010<sup>2</sup></b>	541	86	627	9	0	618	0	618	134.3 litres	87
	<b>2011</b>	544	89	633	8	0	625	0	625	135.4 litres	87
<b>Cream</b>	<b>2008</b>	22	6	28	1	0	27	16	11	2.6 litres	81
	<b>2009</b>	21	6	28	2	0	25	15	11	2.4 litres	84
	<b>2010</b>	21	6	27	3	0	24	14	10	2.3 litres	86
	<b>2011</b>	21	7	28	3	0	25	15	10	2.3 litres	82
<b>Milk Powder</b>	<b>2008</b>	88	12	100	95	:	:	:	:	:	:
	<b>2009</b>	100	7	107	81	:	:	:	:	:	:
	<b>2010</b>	94	9	103	105	:	:	:	:	:	:
	<b>2011</b>	105	10	114	128	:	:	:	:	:	:
<b>Butter</b>	<b>2008</b>	129	6	135	125	-4	14	2	11	2.6 kgs	939
	<b>2009</b>	126	8	134	122	-1	14	2	11	2.6 kgs	915
	<b>2010</b>	138	8	146	136	-4	14	2	11	2.6 kgs	1,003
	<b>2011</b>	149	7	156	145	-3	14	2	11	2.5 kgs	1,082
<b>Cheese<sup>1</sup></b>	<b>2008</b>	175	34	209	154	28	27	0	27	6.1 kgs	646
	<b>2009</b>	163	33	196	159	9	28	0	28	6.3 kgs	580
	<b>2010<sup>2</sup></b>	172	43	215	163	20	33	0	33	7.3 kgs	526
	<b>2011</b>	180	41	221	167	23	31	0	31	6.8 kgs	587

<sup>1</sup> Figures for drinking milk and cheese only refer to production for human consumption.

<sup>2</sup> Revised

<sup>3</sup> Totals may not equal the sum of the categories due to rounding differences.

: Not Available

## Background Notes

**Supply balances** Supply balance sheets are compiled on the basis of harmonised concepts agreed between the European Union Countries (EU).

**Data sources** Usable production represents domestic production in dairies and other manufacturing premises and milk retained on farms.

The estimates for imports and exports of milk products are obtained from the CSO foreign trade statistics. They are expressed in base product equivalent weight e.g. cheese products have been converted into their raw cheese equivalent weight.

For some tariff codes, the foreign trade quantity data have been excluded or amended for technical and statistical reasons. Raw milk imports are already included in national usable production as they were processed here. However imports of packaged milk for the retail trade are included in the import data used. Raw milk exports are processed outside the State and they are not included in usable production. They are therefore not deducted from available supplies as an export.

The estimates for variation in stocks relate almost entirely to changes in the level of intervention stocks. Variation in stocks is the net difference between movement of product into and out of stocks during the year. This item also includes a balancing residual estimate for some products (see later paragraph).

The data for domestic uses include quantities held in retail shops, institutions, restaurants and households as well as all losses in these sectors.

The per capita consumption estimates were derived by dividing the human consumption figure by the population on 1 April of each year.

**Self-sufficiency** Self-sufficiency is defined as usable production expressed as a percentage of domestic uses.

**Balancing residual** By definition, one item in each product balance is calculated as a balancing residual. For drinking milk & buttermilk and cream the balancing item is domestic uses. For milk powder, butter and cheese the balancing item is variation in stocks.

**Product definitions** *Drinking milk* comprises raw milk, whole milk, skimmed milk and semi-skimmed milk consumed in liquid form. Buttermilk is a derived product remaining after milk or cream has been made into butter.

*Cream* for use in further processing (chocolate, ice cream, etc.) is included under industrial uses.

*Powdered dairy products* are produced by totally eliminating water from the dairy product. Whole milk powder has a fat content of between 26% and 42% by weight. Skimmed milk powder has a maximum fat content of 1.5% by weight.

*Butter* includes creamery butter, farm butter, whey butter and butteroil (all expressed in butter equivalent).

*Cheese* comprises natural cheese only.

**Conversion factors**

Some relevant conversion factors for comparing estimates expressed in different units are:

1 tonne liquid milk	=	213.626 gallons	=	971.164 litres
1 tonne skimmed milk	=	213.419 gallons	=	970.203 litres
1 tonne semi-skimmed milk	=	213.523 gallons	=	970.676 litres
1 tonne fresh cream	=	221.849 gallons	=	1,008.526 litres

**Milk products nomenclature**

Products marked with an asterisk have been included in this release. Other products have not been included either because they are of minor importance or because of reliability/confidentiality considerations.

Product Code	Description	Product Code	Description
1	Fresh products	2	Manufactured products
* 11	Drinking milk	21	Concentrated milk
* 111	Raw milk	22	Powdered dairy products
* 112	Whole milk	221	Cream milk powder
* 113	Semi-skimmed milk	* 222	Whole milk powder
* 114	Skimmed milk	223	Partly skimmed milk powder
* 12	Buttermilk	* 224	Skimmed milk powder
* 13	Cream	225	Buttermilk powder
14	Acidified milk (yoghurts)	226	Other powder products
15	Drinks with a milk base	23	Butter and other yellow fat dairy products
16	Other milk products (jelly, etc.)	* 231	Butter
		232	Recombined butter
		* 233	Whey butter
		* 234	Rendered butter and buttersoil
		235	Other yellow fat dairy products
		* 24	Natural cheese
		25	Processed cheese
		26	Caseins and caseinates
		27	Whey, total availabilities

**Drinking Milk in European Union Member States 2008 - 2009**

Country	Usable production '000 tonnes		Domestic uses '000 tonnes		Self-sufficiency %	
	2008	2009	2008	2009	2008	2009
Austria	949	959	600	602	158	159
Belgium	823	816	694	664	118	123
Bulgaria	56	58	61	62	92	94
Cyprus	85	82	85	88	99	93
Czech Republic	672	693	:	:	:	:
Denmark	566	534	556	549	102	97
Estonia	163	161	162	158	101	102
Finland	:	:	:	:	:	:
France	4,470	4,262	4,261	4,187	105	102
Germany	6,034	6,203	5,159	5,137	117	121
Greece	679	652	793	766	86	85
Hungary	646	656	717	735	90	89
Ireland	572	543	625	615	92	88
Italy	:	:	:	:	89	87
Latvia	199	190	197	191	101	99
Lithuania	341	195	537	348	63	56
Luxembourg	:	:	:	:	:	:
Malta	29	28	:	31	:	89
Netherlands	:	:	:	:	:	:
Poland	3,954	2,861	3,954	2,861	100	100
Portugal	1,000	:	963	:	107	106
Romania	2,330	2,232	2,354	2,266	99	98
Slovak Republic	242	263	290	306	83	86
Slovenia	:	:	:	:	:	:
Spain	:	:	:	:	:	:
Sweden	:	:	:	:	:	:
United Kingdom	:	:	:	:	:	:

Source: New Cronos database, Eurostat. (as at 03/07/2012)

: Not available

c: Confidential

: The New Cronos milk and milk products balance sheet has been discontinued from 2010