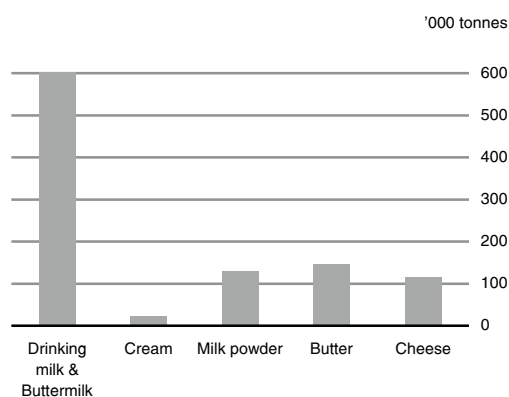




Central Statistics Office
An Phríomh-Oifig Staidrimh

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Usable production 1999



Milk & Milk Products Supply Balance 1999

	Usable production	Domestic uses	Self-sufficiency
	'000 tonnes		
Drinking milk & Buttermilk	603	598	101%
Cheese	114	27	422%
Butter	146	16	909%

Cheese production up in 1999

Production of cheese increased by 14% to 114,000 tonnes in 1999. Domestic uses of cheese was 27,000 tonnes giving National self-sufficiency of 422% in this commodity. *See Table 1.*

There was a decrease of 2.3%, to 603,000 tonnes, in the production of drinking milk & buttermilk in 1999. This decrease in production is the principal reason for a decrease in the amount of drinking milk & buttermilk available for human consumption. Availability for human consumption decreased by 3.5% or 5.7 litres per capita in 1999. *See Table 1.*

A comparison of the 1998 and the 1999 figures show that (*See Table 1*):

- ◆ Production of butter increased by 3.5%.
- ◆ Production of milk powder decreased by 2.3%.
- ◆ Production of cream decreased by 4.2%.

EU figures for 1998 show that usable production of drinking milk was sufficient to meet domestic uses with self-sufficiency at 101%. *See page 4.*

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Table 1 Milk and Milk Products Supply Balance 1999

		Usable production	Imports	Supplies = Uses	Exports	Variation in stocks	Domestic uses	Industrial uses ¹	Human consumption	Human consumption	Self- sufficiency
Product		1	2	1+2=3+4+5	3	4	5	6	7=5-6	8	1/5
		'000 tonnes								per person	%
Drinking milk & Buttermilk	1997	607	2	609	7	0	602	0	602	159.8 litres	101%
	1998 ²	617	2	619	6	0	613	0	613	160.7 litres	101%
	1999	603	4	607	9	0	598	0	598	155.0 litres	101%
Cream	1997	22	14	36	6	0	30	20	10	2.6 litres	74%
	1998 ²	24	14	37	3	0	34	23	10	2.8 litres	69%
	1999	23	9	32	4	0	28	18	10	2.7 litres	82%
Milk powder	1997 ²	140	20	160	183	-37	14	13	1	0.3 kgs	978%
	1998 ²	132	18	150	134	2	14	14	1	0.2 kgs	909%
	1999	129	23	152	177	-39	14	12	2	0.5 kgs	915%
Butter	1997	150	2	152	140	-7	19	6	13	3.5 kgs	805%
	1998 ²	141	3	144	137	-12	18	6	13	3.4 kgs	769%
	1999	146	5	151	128	8	16	4	12	3.2 kgs	909%
Cheese	1997	101	17	118	78	16	23	0	23	6.4 kgs	432%
	1998 ²	100	16	116	84	8	24	0	24	6.4 kgs	420%
	1999	114	19	133	82	24	27	0	27	7.2 kgs	422%

¹ Figures for drinking milk and cheese only refer to production for human consumption.

² Revised.

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 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 most products the conversion co-efficient is 100%. All other figures are expressed in actual product weight.

For some tariff codes, the foreign trade quantity data have been excluded or amended for technical and statistical reasons. Foreign trade in bulk raw milk has been excluded. Raw milk imports are already included in national usable production as they were processed here. 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 in the course of 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 estimates for human consumption of cheese comprise figures for domestically produced natural, processed and farmhouse cheeses from the National Dairy Council plus imported cheese not used for further processing.

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 both the natural cheese and processed cheese (the latter expressed in raw cheese equivalent).

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 butteroil
		235	Other yellow fat dairy products
		* 24	Natural cheese
		* 25	Processed cheese
		26	Caseins and caseinates
		27	Whey, total availabilities

Drinking Milk 1998

'000 tonnes

Country	Usable production	Domestic uses	Self-sufficiency %
European Union¹	33,090	32,906	101
Austria	757	735	103
Belgium-Luxembourg	835	707	118
Denmark	657	654	100
Finland	879	876	100
France	4,907	4,758	103
Germany	5,900	5,286	112
Greece	585	611	96
Ireland	617	613	101
Italy	3,335	3,668	91
Netherlands	1,206	1,426	85
Portugal	984	910	108
Spain	4,121	4,309	96
Sweden	1,207	1,206	100
United Kingdom	7,100	7,146	99

Source: New Cronos database, Eurostat