



Diary of the visit of the Mongolian representation in Lugo

2-7de June 2019

Sunc	lay,	June	2 nd .
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15:00 h - Reception of the passengers at the airport of Oporto and transport to the Hotel in Lugo.

Brios hostel www.hostalbrios.com

Monday, June 3th.

10:00 h - Visit to the University of Santiago de Compostela-Campus of Lugo, Vice-rector of coordination of the Terra Campus www.usc.es/gl/goberno/vrlugo/index.html

11:00 h - Visit to EPSE of engineering www.usc.es/es/centros/eps/,

12:00 h - visit to the technology transfer Center/ center library www.usc.es/gl/servizos/biblioteca/busc/centros/intcentroslugo/

13:30- Food

16: 00 h -Visit Rof Codina and CEBIOVET www.rofcodina.org/index.php/es/, www.cebiovet.com/index.php/es/

17: 00 h- Visit likid milk plant CAPSA FOOD www.capsafood.com

18:00 h - return to Lugo

18:30 h - Evolution of the dairy sector in Galicia (Spain) proepla.com/en/equipo/manuel-marey-perez-3/

Manuel Marey Pérez

Tuesday, June 4th.

9:00 h - Visit to dairy products and food Technologies (APLTA) www.aplta.es/index.php/ES/

11:00 h - Café

11:30 h - Quality Management and design of products and processes

 $http://www.usc.es/export9/sites/webinstitucional/gl/centros/eps/caixa_profesorado/CVA/ARBONES_MACINEIRA_ENRIQUE.pdf\\$

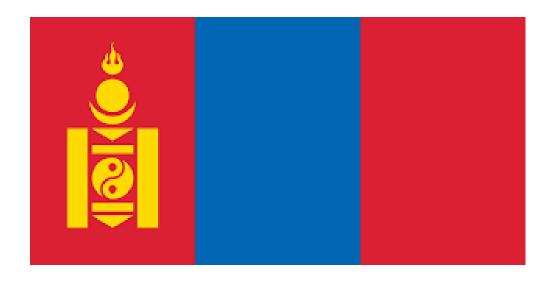
Enrique Arbones

13:30 h - Food

Wednesday, June 5 th .
9:00 h - Departure
10:15 h - Arrival to LIGAL (milk analysis laboratory) www.ligal.es/es-es/Paginas/default.aspx
Roberto Lorenzana Fernández
12:00 h - visit to CIAM - Mabegondo (agricultural Research Center) www.ciam.gal/sp/index/?r=portada.index
Cesar Resch Zafra
14:00 h - Food
16: 30 h - visit to UGASMA (farm and in-touch Alltech System) - www.youtube.com/watch?v=SuVbW2R7a7U, www.youtube.com/watch?v=FNmbmCuX2ew
Laura Seoane Novo / Lourdes Celeiro Paez
19:30 h - return to Lugo
Thursday, June 6 th .
9:00 h - Departure
9:30 h - visit to Innolact (Cheese factory) www.quescrem.es/en/noticias/
12:00 h - visit to experimental farm (Granja Gayoso Castro) and raising livestock www.deputacionlugo.gal/es/temas/medioambiente/recria
14:00 h – Food
Friday, June 7 th .
9:00 h - Departure
10:00 h - visit to Arquega (Cheese factory) - www.arquega.com/
12:30 h - visit to Monastery of Santa Maria de Sobrado dos Monxes (dulce de leche factory "sweet milk' www.monasteriodesobrado.org/index.php/dulce-de-leche/
14:00 h – Return to Lugo and-closing of the visit
Saturday, June 8 th .
Free day
Sunday, June 9 th
11:00 h - Departure for the airport of Porto



MONGOLIAN RESEARCH TEAM



VISITORS AND COORDINATOR



OCHIRKHUYAG Baldorj

Lugo 2-7de June 2019



DULGUUN Dorjgotov

Lugo 2-7de June 2019

KA2-Cooperation for innovation
Erasmus + and exchange of
good Parctices-EAC/A03/2016

TUYATSETSEG Jambal

Lugo 2-7de June 2019



PUREVJAV Mejeenov

Lugo 2-7de June 2019



TUMENJARGAL Davaasuren

Lugo 2-7de June 2019



GOMBOJAV Altangerel

Lugo 2-7de June 2019



KHULAN Janchiv

Lugo 2-7de June 2019



TUMENJARGAL Davaasuren

Lugo 2-7de June 2019



MAREY Manuel



VALCARCEL Montserrat

Lugo 2-7de June 2019



VILA Pablo

Lugo 2-7de June 2019

KA2-Cooperation for innovation
Erasmus + and exchange of
good Parctices-EAC/A03/2016

CORDERO Francisco

Lugo 2-7de June 2019



CUESTA Tomás

Lugo 2-7de June 2019



CANTALAPIEDRA Julia

Lugo 2-7de June 2019



ALVAREZ José

Lugo 2-7de June 2019



BARRASA Martín

Lugo 2-7de June 2019



DE LA CRUZ Luis Felipe

Tuesday, 4 June



ARBONES Enrique

Lugo 2-7de June 2019

Wednesday, 5 June



LORENZANA Roberto

Lugo 2-7de June 2019



CELEIRO Lourdes

Lugo 2-7de June 2019



RESCH César

Lugo 2-7de June 2019



SEOANE Laura

Thursday, 6 June



INNOLACT

Lugo 2-7de June 2019



SERAGRO

Lugo 2-7de June 2019

Friday, 7 June



ARQUEGA

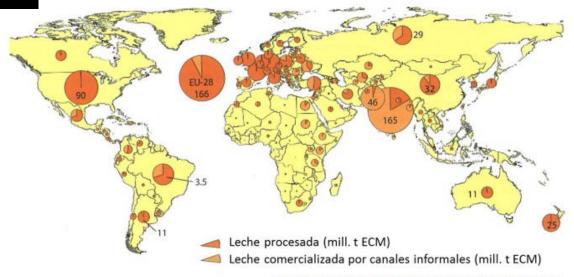
Lugo 2-7de June 2019



SOBRADO DOS MONXES

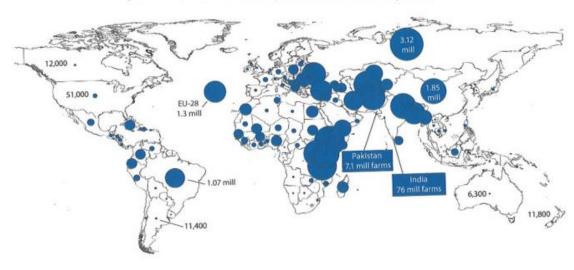
DAIRY SECTOR OF GALICIA

Figura 2.1.1. Producción y comercialización mundial de leche de vacuno y búfalo (millones de toneladas ECM), 2015.

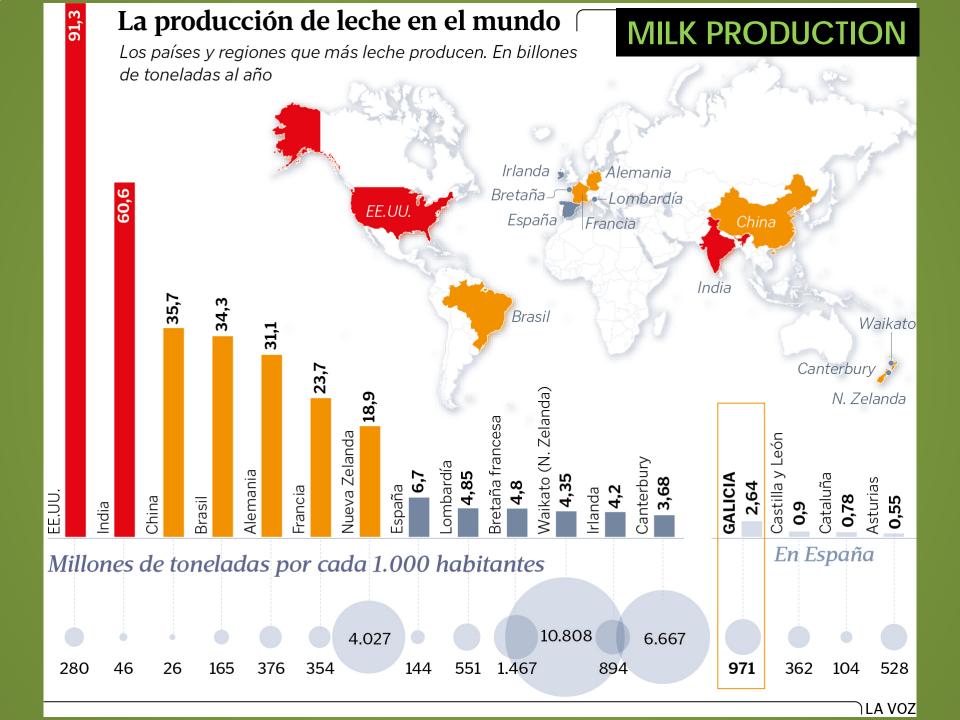


Fuente: IFCN Dairy Report 2016. International Farm Comparison Network, IFCN dairy Research Center, Kiel.

Figura 2.1.2. Distribución mundial de explotaciones de vacuno de leche y búfalas, 2014.



Número de granjas de leche, 2014



Mongolia - Leche

MILK PRODUCTION

667.333

(toneladas) en 2017

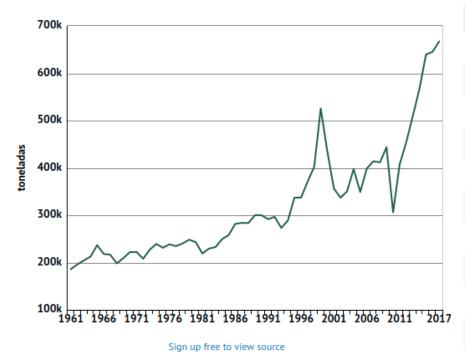
DOWNLOAD OUR LATEST AGRICULTURE DATA BRIEF

Download our one-page PDF full of live links to agriculture-related data, statistics, and dashboards from leading industry sources. From food security and prices to agricultural production and supply, gain direct access to key decision-making data.

APRENDER MÁS

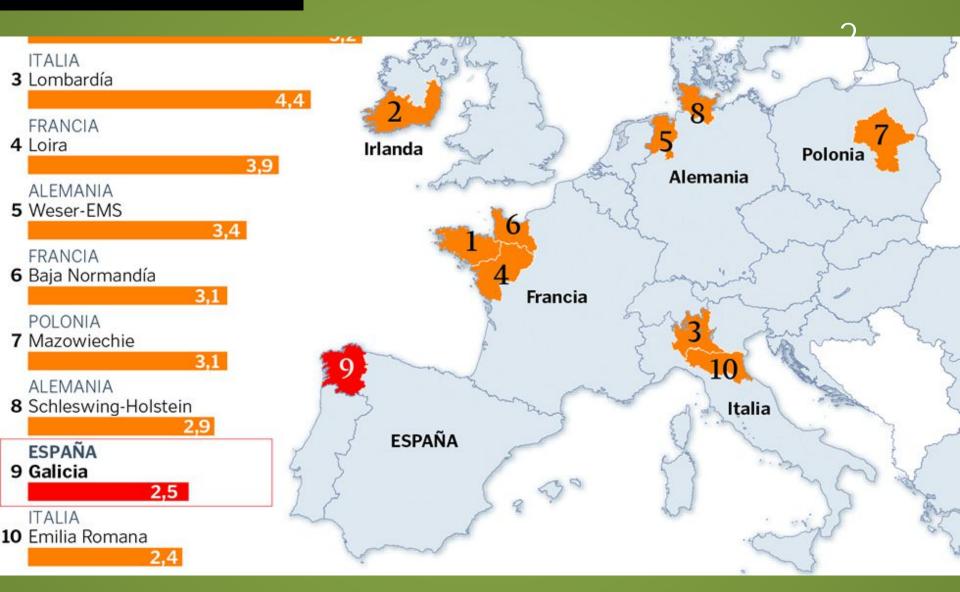
EXPORTAR

EXPLORAR DATOS

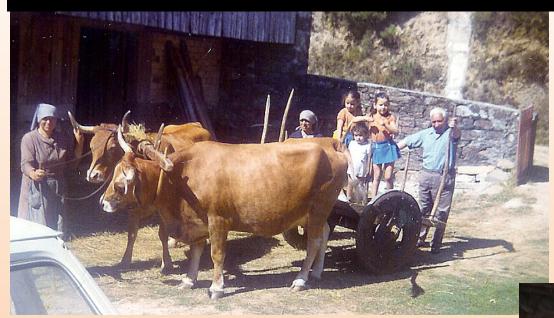


FECHA	VALOR	CAMBIAR, %
2017	667.333	3,41 %
2016	645.331	0,89 %
2015	639.619	12,89 %
2014	566.584	11,15 %
2013	509.746	12,22 %
2012	454.246	11,42 %
2011	407.694	33,06 %
2010	306.390	-30,94 %
2009	443.658	7,76 %
2008	411.700	-0,58 %
2007	414.100	3,89 %

MILK PRODUCTION



EVOLUTION OVER THE LAST FEW YEARS

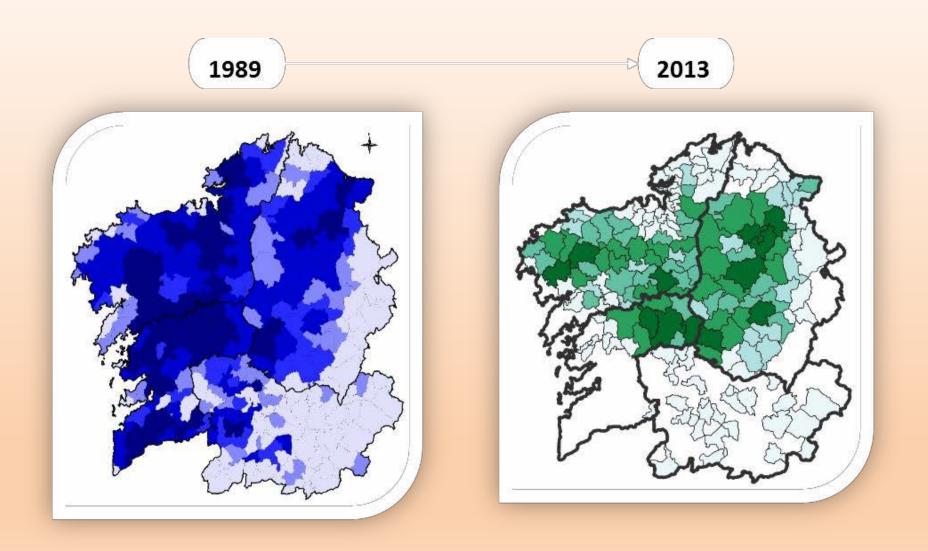




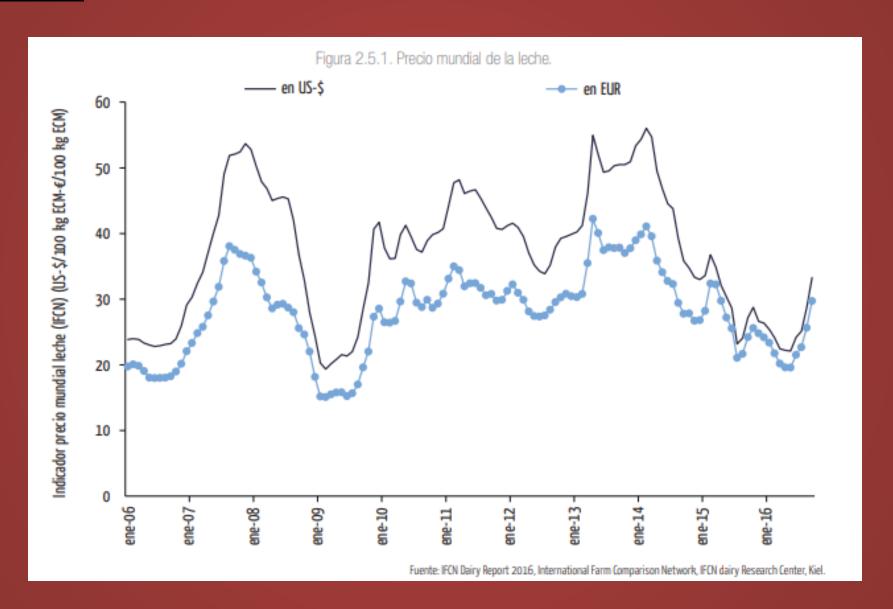
EVOLUTION OVER THE LAST FEW YEARS



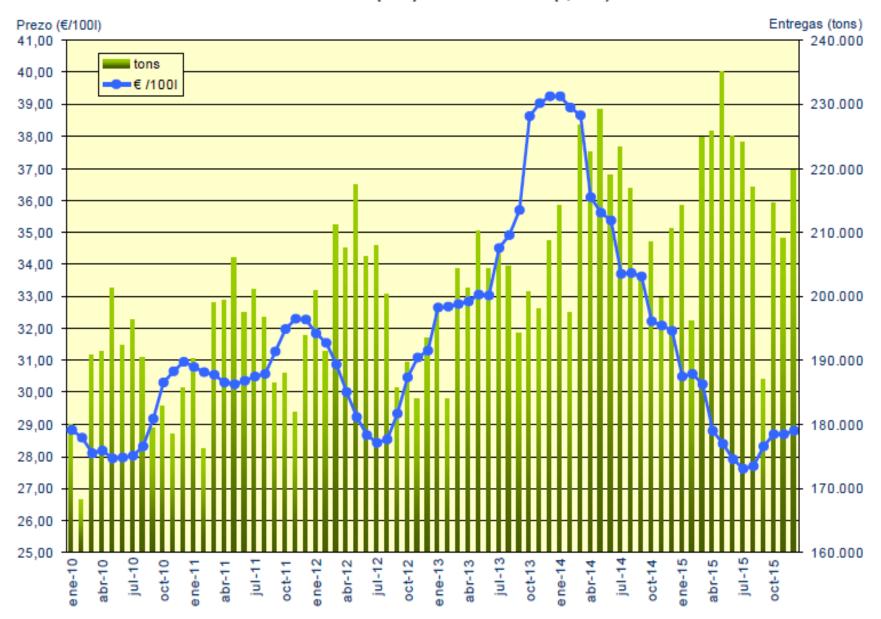
EVOLUTION OVER THE LAST FEW YEARS

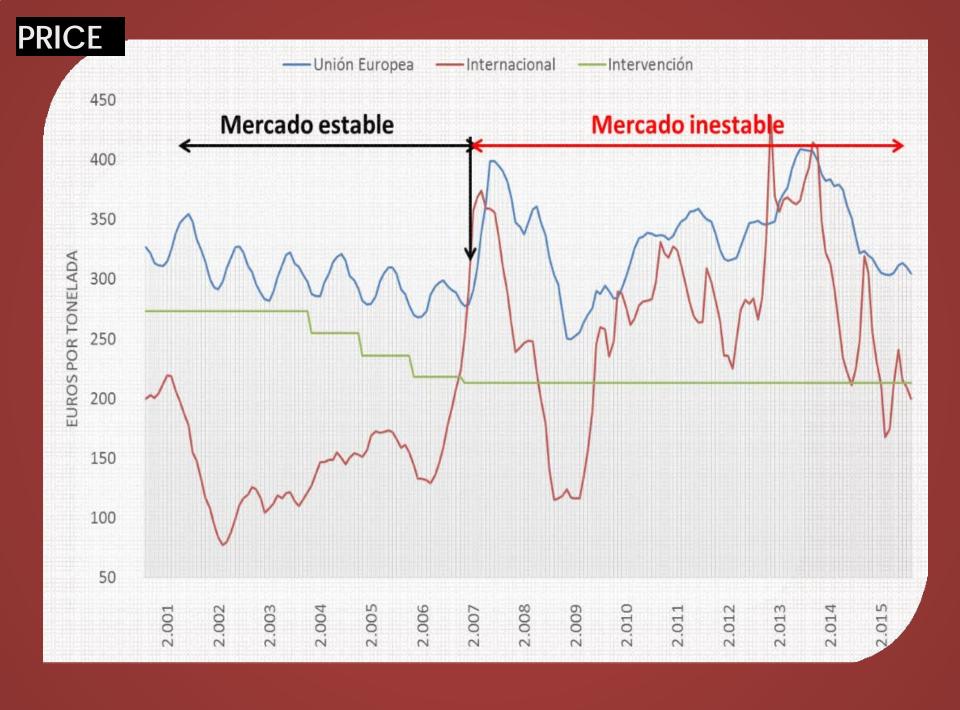


PRICE



EVOLUCIÓN DAS ENTREGAS (tons) E PREZO DO LEITE (€/1001) EN GALICIA



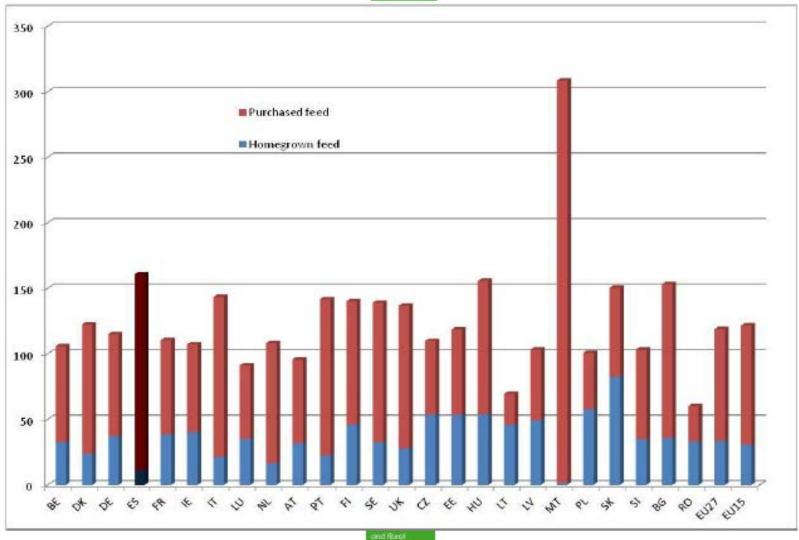


COSTS OF PRODUCTION



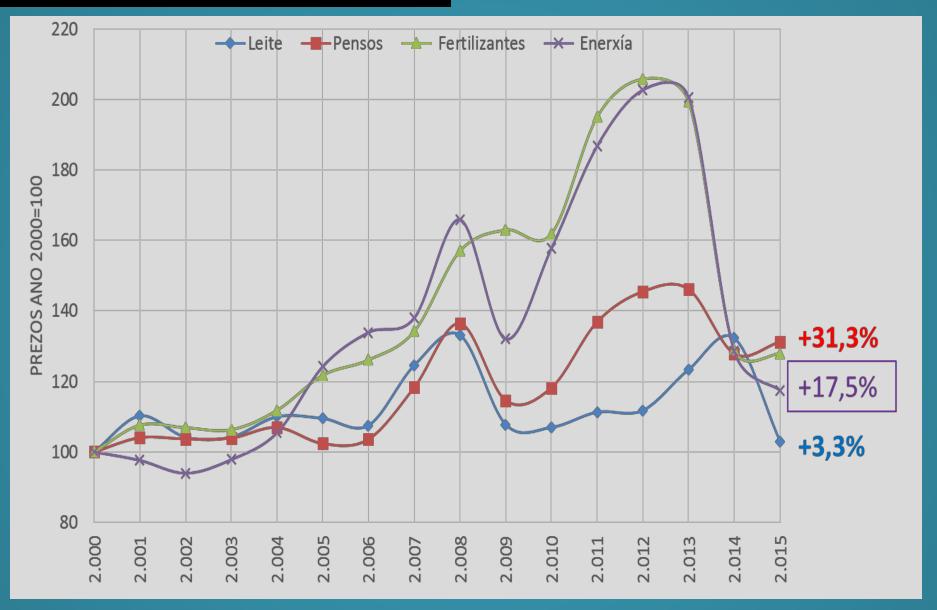


European Commission

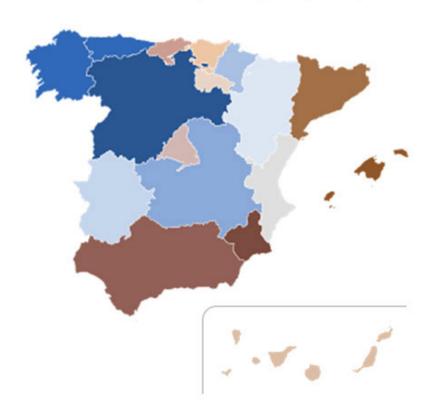


COSTS OF PRODUCTION 90 80 70 % s.superficie total 60 50 40 70 62 30 58 56 42 20 28 10 9 0 **ESPAÑA** SUECIA GRAN BRETAÑA FRANCIA GALICIA DINAMARCA **ALEMANIA FINLANDIA** Cultivos e pradeiras ■ Improdutivo Arborado Mato Non agrario Augas

COSTS OF PRODUCTION



Consumo de leche per cápita (litros)



1	Castilla y león	96,14
2	Asturias	91,5
3	Galicia	86,3
4	Castilla - La Mancha	86
5	Navarra	82
6	Extremadura	81,2
7	Aragón	76,8
	Media en España	72,85

La Rioja	71,3
País Vasco	70,7
Cantabria	70,4
Madrid	69,6
Canarias	64,4
Comunidad Valenciana	63,3
Murcia	62
Andalucía	61,9
Cataluña	58,4
	País Vasco Cantabria Madrid Canarias Comunidad Valenciana Murcia Andalucía

Baleares

Fuente: Panel de consumo alimentario: MAGRAMA





image 1 of 2

53,6

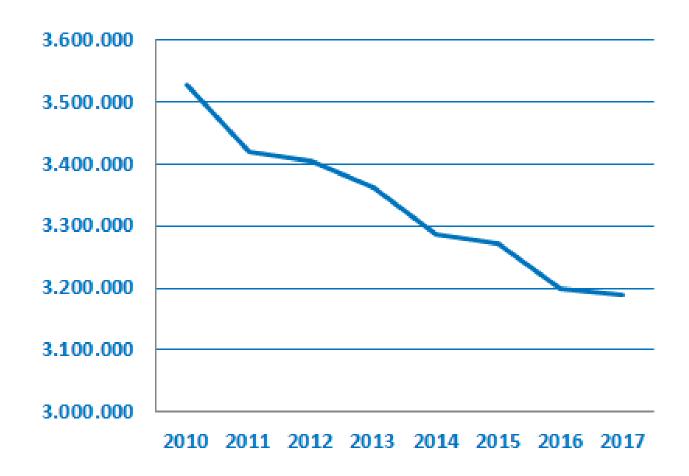
Consumo de derivados lácteos 2016



1	Asturias	44,21
2	Canarias	42,64
	Media en España	36,4
3	Andalucia	36,32
4	País Vasco	36,29
5	Cantabria	35,74
6	Galicia	35,45
7	La Rioja	35,36
8	Extremadura	35,34
9	Baleares	34,71
10	Murcia	34,51
11	Cataluña	33,84
12	Castilla y León	33,39
13	Comunidad Valenciana	33,03
14	Aragón	32,35
15	Navarra	32,2
16	Castilla - La Mancha	31,79
17	Madrid	30,92

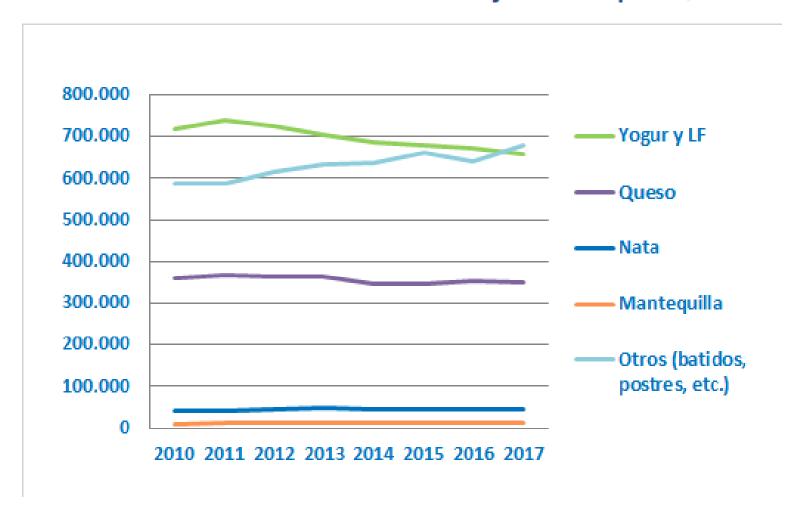
Fuente: Panel de consumo alimentario: MAGRAMA

Evolución del consumo de leche líquida (toneladas)



Fuente: Ministerio de Agricultura, Pesca y Alimentación (MAPA)

Evolución del consumo de lácteos, no incluye leche líquida (toneladas)



Fuente: Ministerio de Agricultura, Pesca y Alimentación (MAPA)

COURSE PROGRAM

Monday, June 3th.

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http://www.usc.es/export9/sites/webinstitucional/gl/centros/eps/caixa_profesorado/CVA/ARBONES_M ACINEIRA_ENRIQUE.pdf

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14:00 h - Return to Lugo and-closing of the visit

THANK YOU!

WHAT IS BUSC?

BUSC (Santiago University Library) is the service that provides support to students, lecturers, professors and researchers.

It consists of a Central Library (Biblioteca Xeral), eleven faculty libraries and four multidisciplinary libraries (including Biblioteca Intercentros de Lugo), located at the Santiago and Lugo campuses.

OUR SERVICES & FACILITIES

- Reading rooms
- Group work rooms
- Extended opening hours
- Workstations
- Laptop lending service
- Loan service
- User training
- Mailing lists
- Interlibrary loan and documents delivery
- Information and reference
- And much more!



BIBLIOTECA INTERCENTROS

DO CAMPUS DE LUGO

Bernardino Pardo Ouro s/n

(Campus Universitario)

27002 Lugo

Tel: 982 823 518

982 823 521

Mail: intdire@usc.es

intprest@usc.es

Web: www.usc.es/biblioteca/

www.usc.es/biblioteca/busc/centros/intcentroslugo/

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BIBLIOTECA INTERCENTROS DO

CAMPUS DE LUGO

LIBRARY GUIDE



UNIVERSIDADE DE SANTIAGO DE COMPOSTELA

FAQs

1. How can I borrow items from the library?

You must register using your University Id Card (TUI). To borrow e-books, use your university username (firstname.lastname@rai.usc.es or firstname.lastname@usc.es) and password to access the platform for e-book lending PreLo http://prelo.usc.es

2. <u>How many items can I borrow? For how long?</u>

You can borrow up to 20 items, as follows:

- 3 handbooks: for a maximum of 10 days. Identify them by the "M" on the top of the spine. In the catalogue they are shown as "short loan" items
- 5 non-handbooks: for 15 days
- 10 accompanying materials (CD, DVD,...) for 10/15 days
- 2 eBooks for 15 days

3. <u>Can I request books from another library</u> within the USC?

Yes, whether they are available or have been lent, except for **handbooks**.

4. Can I reserve items that are out on loan?

Yes, up to **5 items**. Remember that it is not allowed to put on hold books that are available at Biblioteca Intercentros de Lugo. You can also reserve **2 eBooks** via **PreLo**.

5. Where do I pick up my books? How long are they kept at the hold shelf?

You have up to 2 days to pick them up at the main desk. You will be notified by e-mail as soon as your books are available.

Please make sure you have provided your e-mail address to the library staff. In this way you can also be kept up to date about the library news through our mailing lists.

6. Can I renew my loans?

Yes, **twice**, within the **last 3 days** of the loan period, provided that no one else had requested them. Renewals are not allowed after their due date.

EBooks can be renewed once.

7. How do I make renewals, reservations and requests to other libraries?

There are two ways:

- Ask the library staff at the main desk
- Online at www.usc.es/biblioteca. Click on "Rexistro de usuario" and log in to your account using your full name and your TUI barcode (the 8-digit code on the back of your University card). Here you can renew your loans, request books, modify your data, etc.

8. <u>Is it possible to use laptops and another digital devices inside the library?</u>

Yes. All Library locations offer WI-FI and reading places with nearby plugs.

Get started to the Internet, looking for the wireless network named wifiusc-web, identifying with your institutional username and password (@usc.es @rai.usc.es).

In order to set the **WI-FI network in your device**, follow the guidelines to get <u>Eduroam</u>, an educational roaming access, for a better and more secure navigation. Download the app you will find here: http://cat.eduroam.org/

9. Opening hours

- Regular opening hours, from 8:30 a.m. to 9.30p.m¹
- Weekends and holidays, from 10:00 a.m. to 7:30 p.m. Lending service will be available.
- Examination period: the library will be open as a studying room up to 3 a.m.

10. How can I get help?

Ask the library staff:

- At the main desk or at the Information and Reference Service (both located at the library hall)
- By phone: 982 823 521 982 823 518
- By e-mail: intprest@usc.es

¹ For non-academic periods, check the timetables

Centro de Investigacións Agrarias de Mabegondo (CIAM)

"The Farm" was the Experimental and Agricultural College stablished in 1888 just a couple of kilometres away of nowadays A Coruña downtown.

Since early seventies last century Agricultural and Experimental Centre is at Mabegondo. These facilities were part of a plan with a vision towards future in which education, research and transfer shared a common target, to improve productivity and standard of living of rural areas of Galicia.

CIAM is a 300 hectares farm with cattle and sheep for research, the centre has another three experimental farms in Galicia, one in Salceda de Caselas close to the portuguese border for horticultural trials, a second in south Lugo province with irrigation facilities and continental clime and a third not too far away from Mabegondo but at 700 meters above sea level where trials under mountain conditions are carried out.

At Mabegondo is where research related with dairy is performed; the scope of our last ten years dairy trials is framed on what we call a whole packet of R&D in dairy and this packet could be summarized as how to produce more with less, back to legumes, protein self-sufficiency, milk fatty acids profile improvement and authentication procedure of dairy cows feed intake.

Most of our trials are run in close cooperation with dairy industry and suppliers companies; cooperation of dairy farmers is always key in our projects; we are able to share achieves in short time with users due to a very close collaborative effort with LIGAL.









