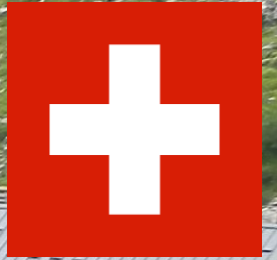


European A.I. Techniciens meeting

8-11. 9. 2022 Rennes
France



Switzerland



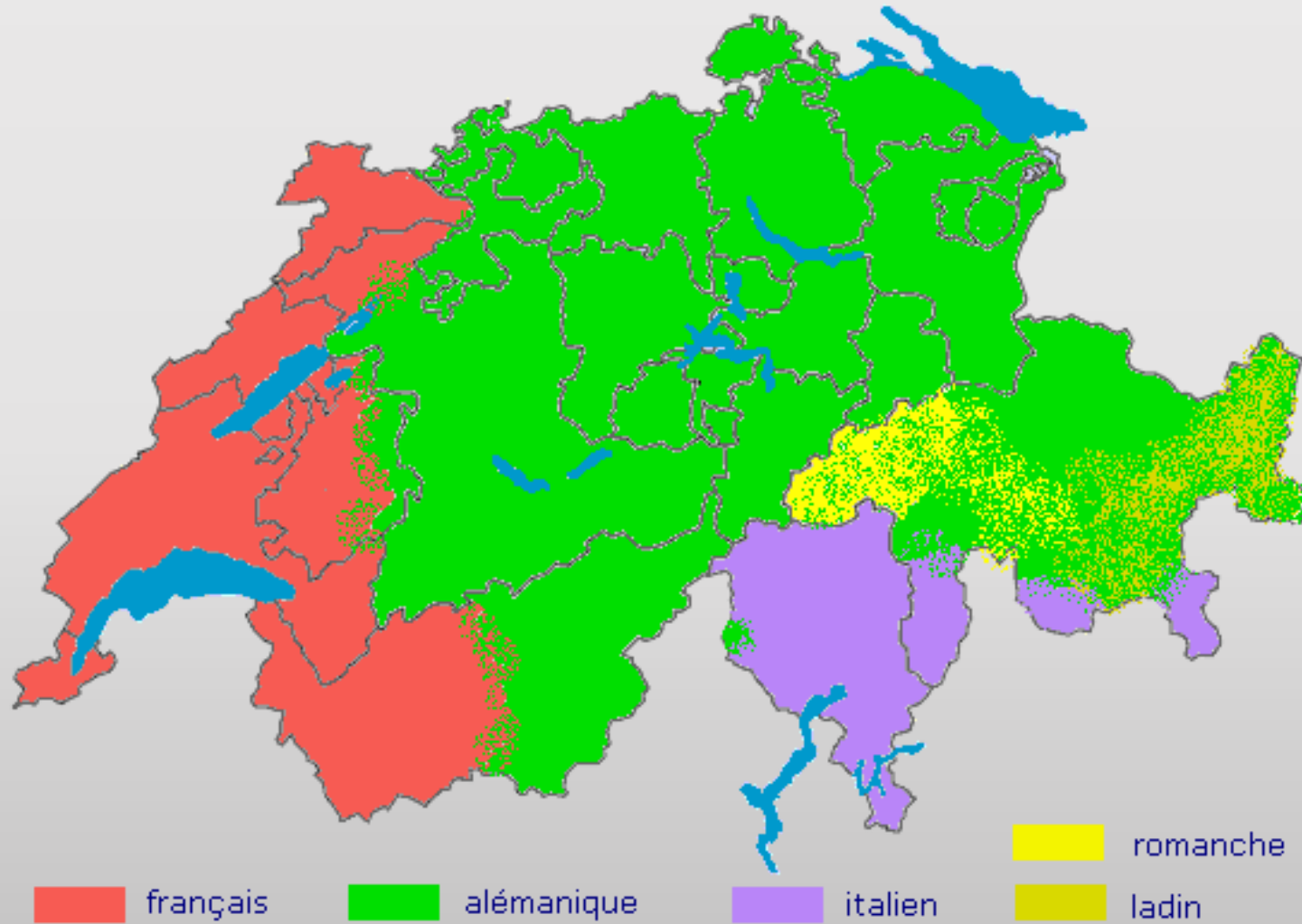
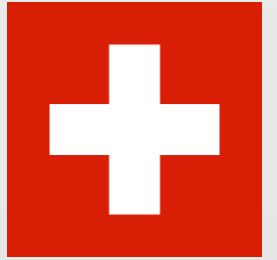
Swiss in general

41 285 square kilometers

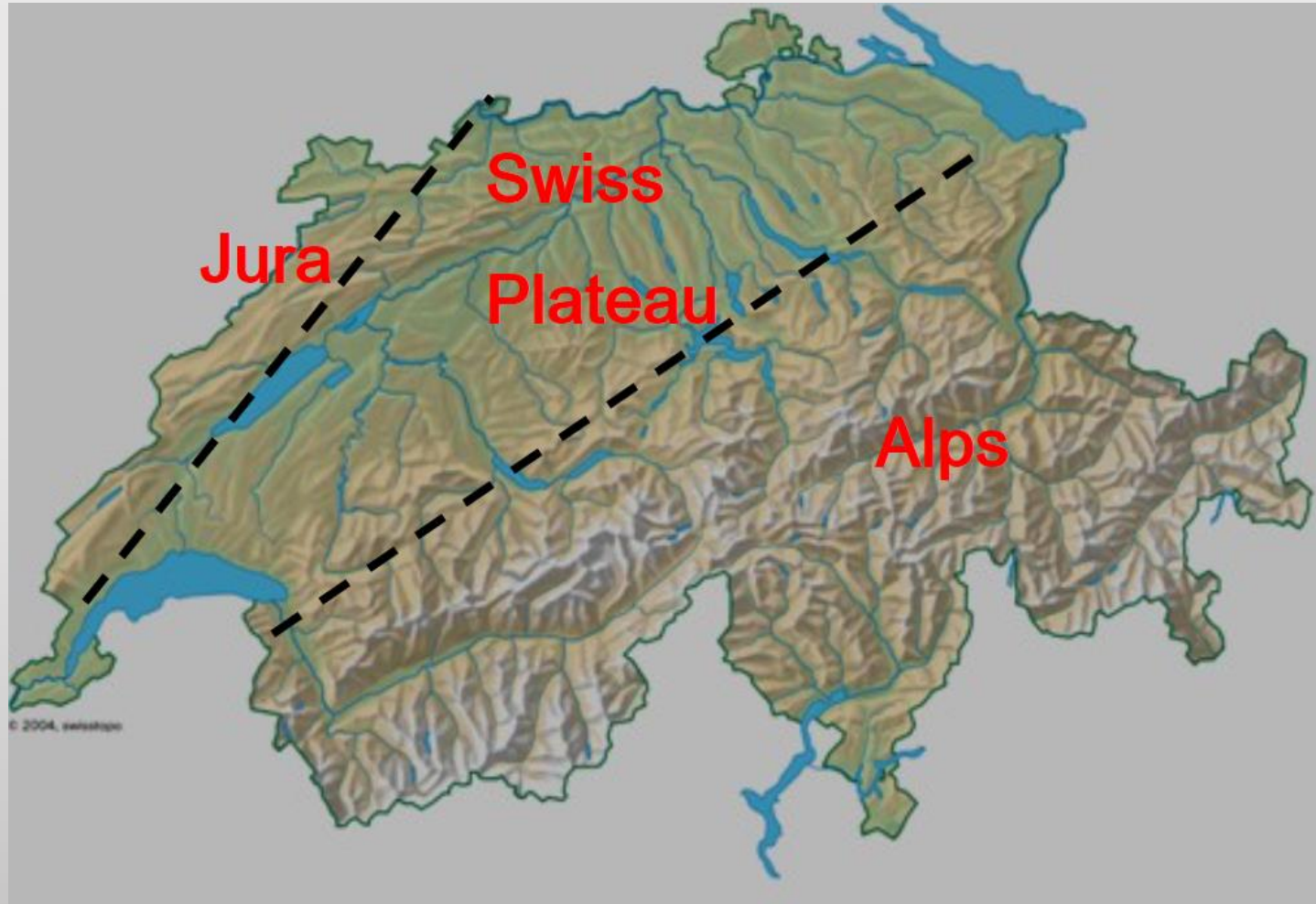
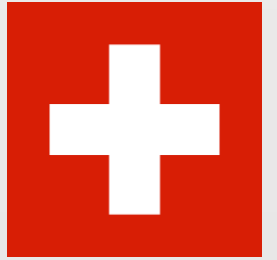
8.5 millions of resident



Four spoken Languages



Regions of Switzerland



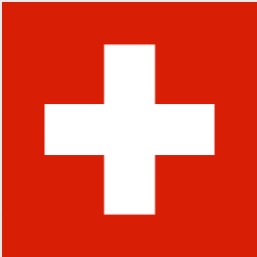
Swiss mountain Regions:

2/3 of the surface
1/4 of the population

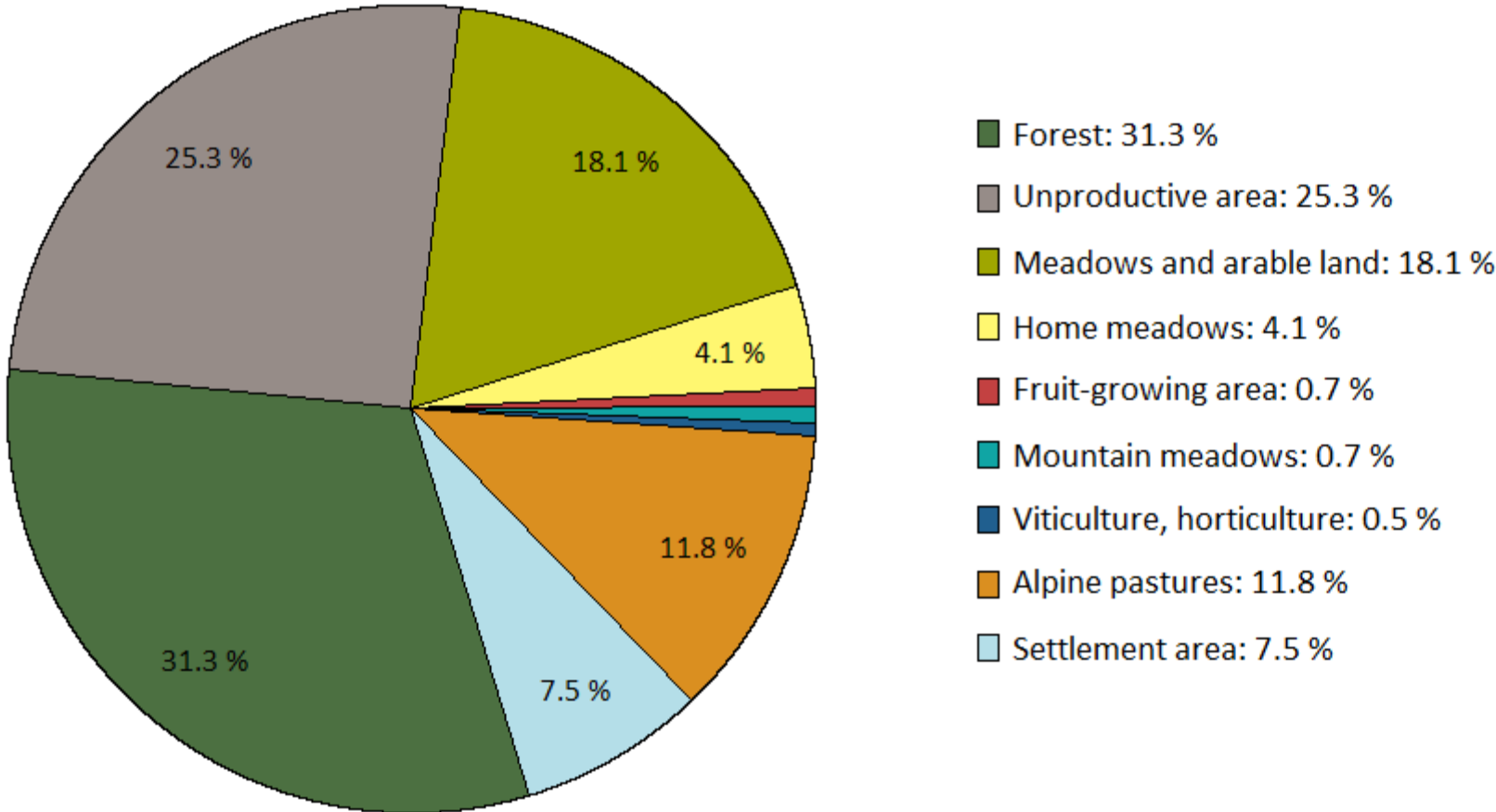
Highest point:
4'634 m
(Mt Rosa)

Lowestpoint:
196 m (Locarno)

Area of Switzerland

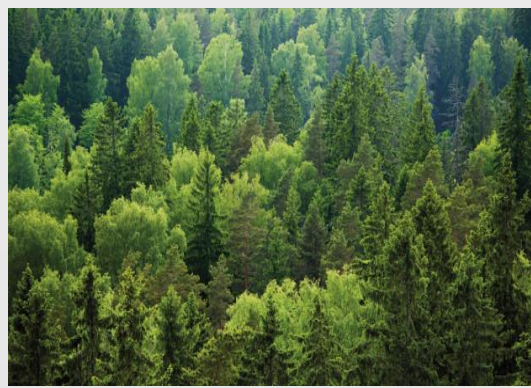


Area of Switzerland: 41 285 square kilometers



Decrease in agricultural area by 32 995 ha in 12 years

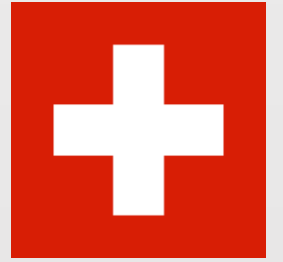
Area of Switzerland



31% forest



7% settlement



25.3 % unproductive area



11.8 % alpine pastures



4.1 % home meadows



0.7 % nountain meadows



18.1 % meadows and arable land



0.7 % fruit-growing area

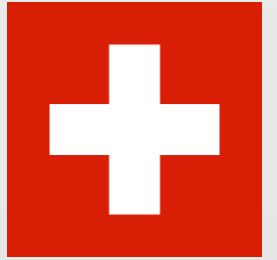


0.5 % viticulture,

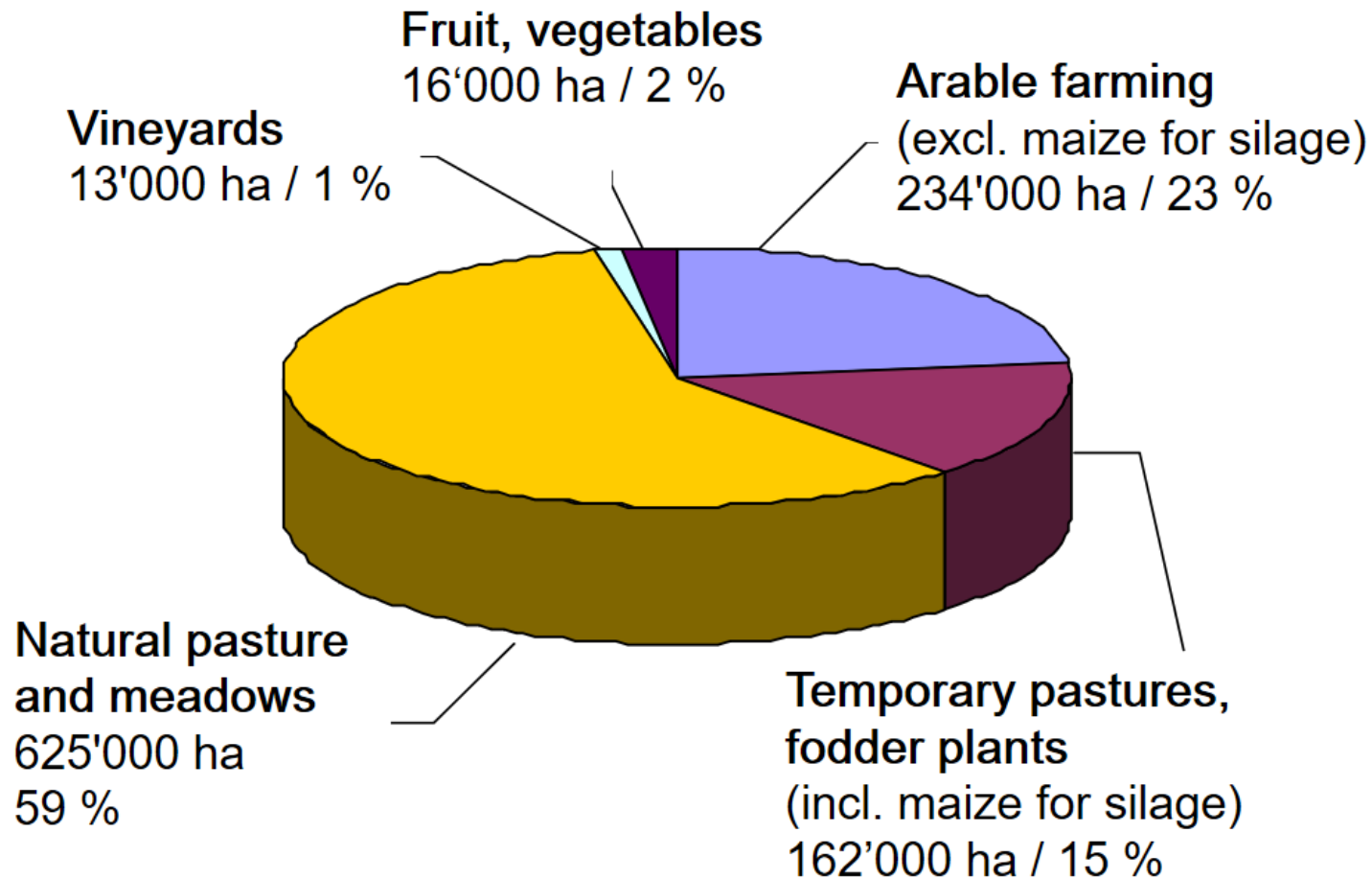
horticulture



Agricultural land use



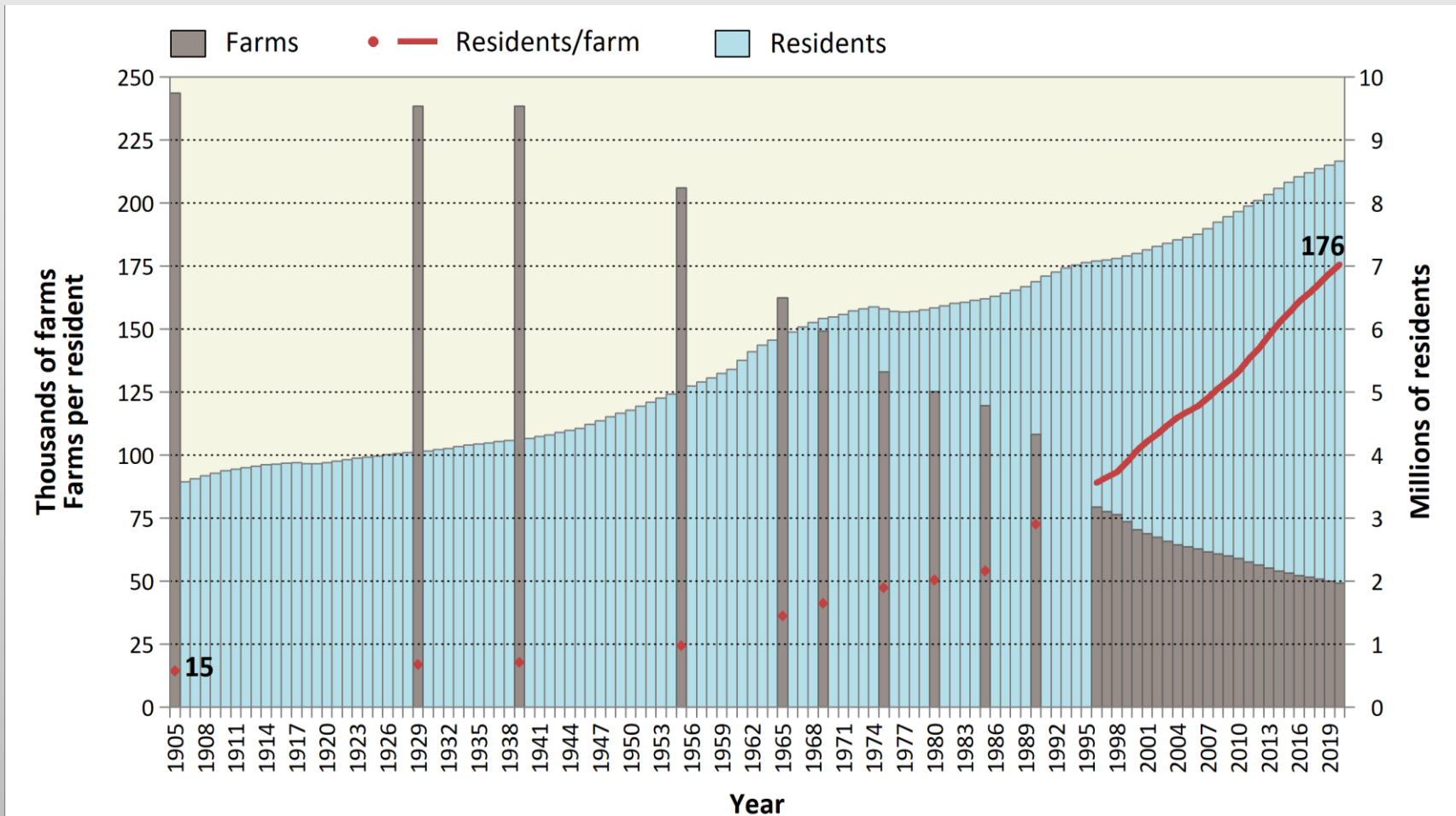
1 million hectares



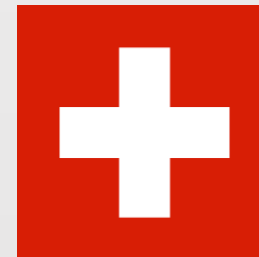
Agriculture and population



2020	8.7 millions of residents	49363 farms	-1489	176 residents per farm
2018	8.5 millions of residents	50 852 farms		167 residents per farm
2008	7.5 millions of residents			60 residents per farm



Number of farms and area



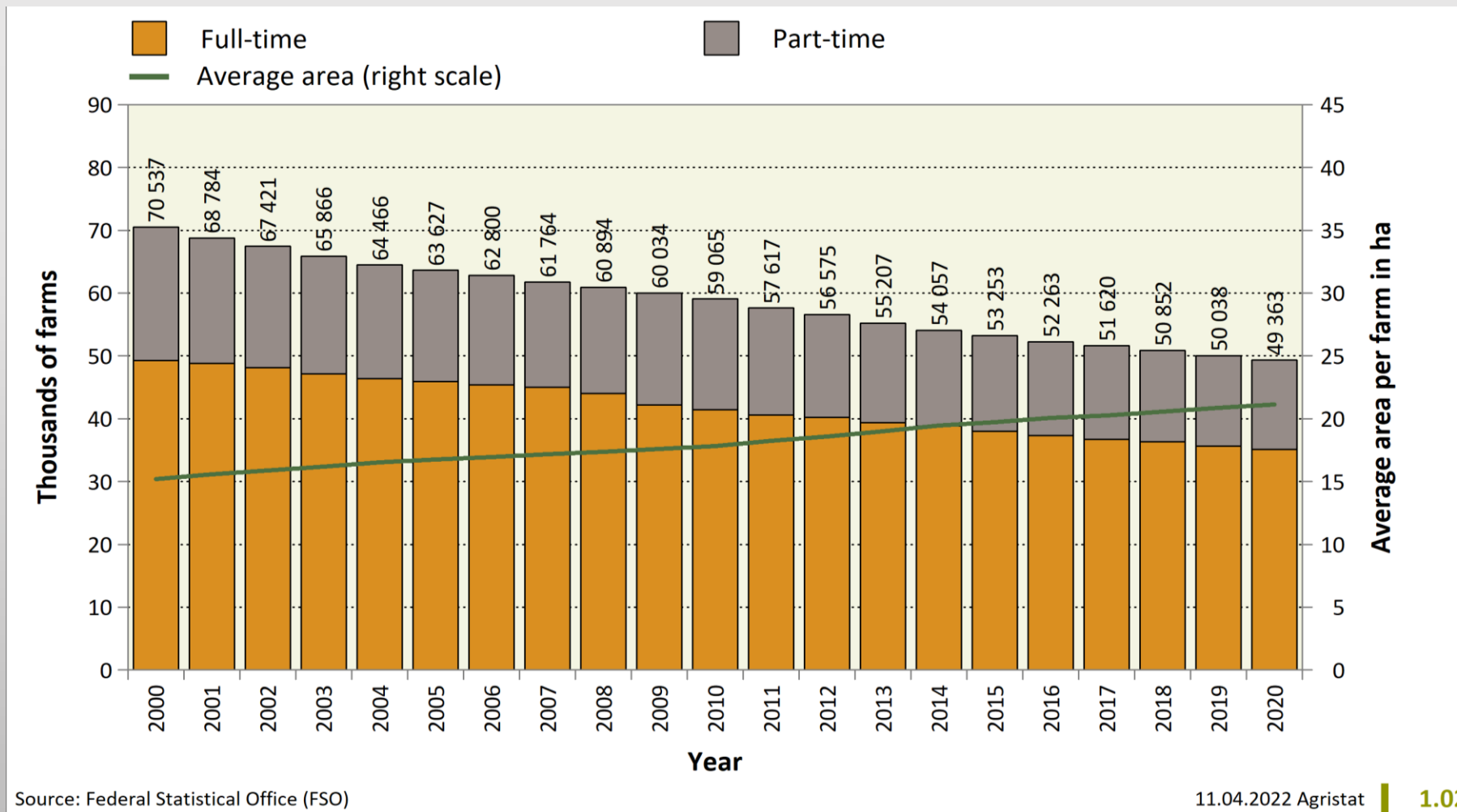
2020 49363 Farms with an average area of 21.2 hectares **+0.7**

Stopped farming

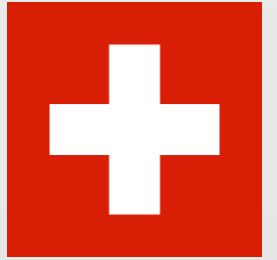
Last year = 675

1.18 farms per day

2018 50 852 farms with an average area of 20.5 hectares



Farms according to farm size



43'363 farms with 1 044034 hectares agricultural area

10.5 % of the farms has less than 3 ha and manage 0.6% of the area

4.9 % of the farms 3-5 ha 0.9 % of the area

12.7 % of the farms 5 - 10 ha 4.5 % of the area

28.4 % of the farms 10 - 20 ha 20 % of the area

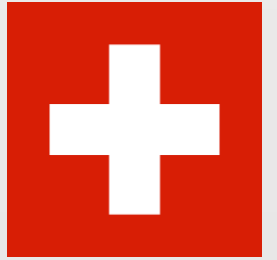
20.8 % of the farms 20 - 30 ha 24.2 % of the area

16.4 % of the farms 30 - 50 ha **29.2 %** of the area

6.2 % of the farms > 50 ha 20.5% of the area

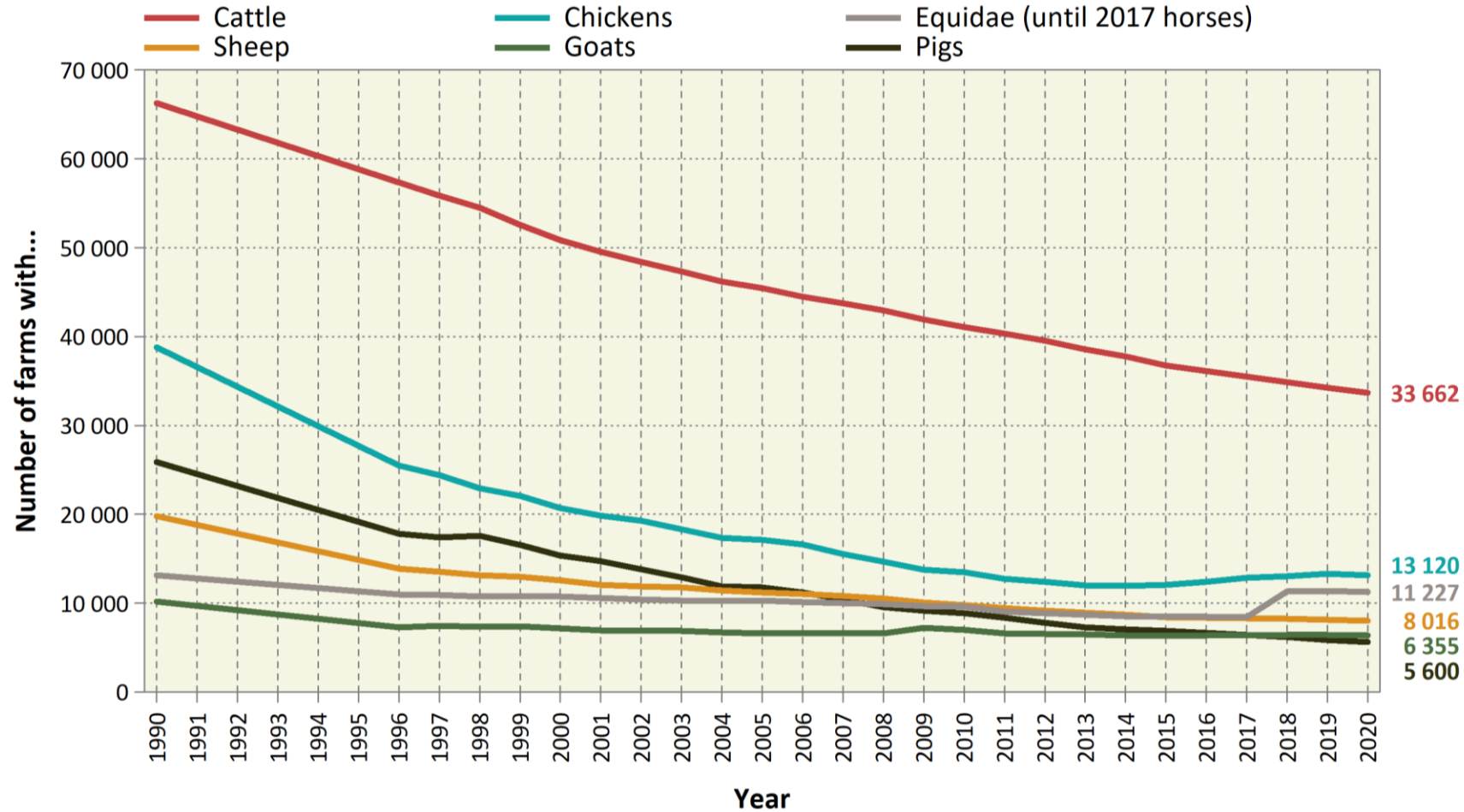
2020 49363 Farms with an average area of 21.2 hectares +0.7

Farms with livestock



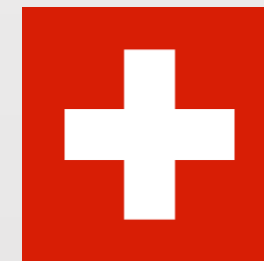
Farms with livestock

Farms with animals of the following species...

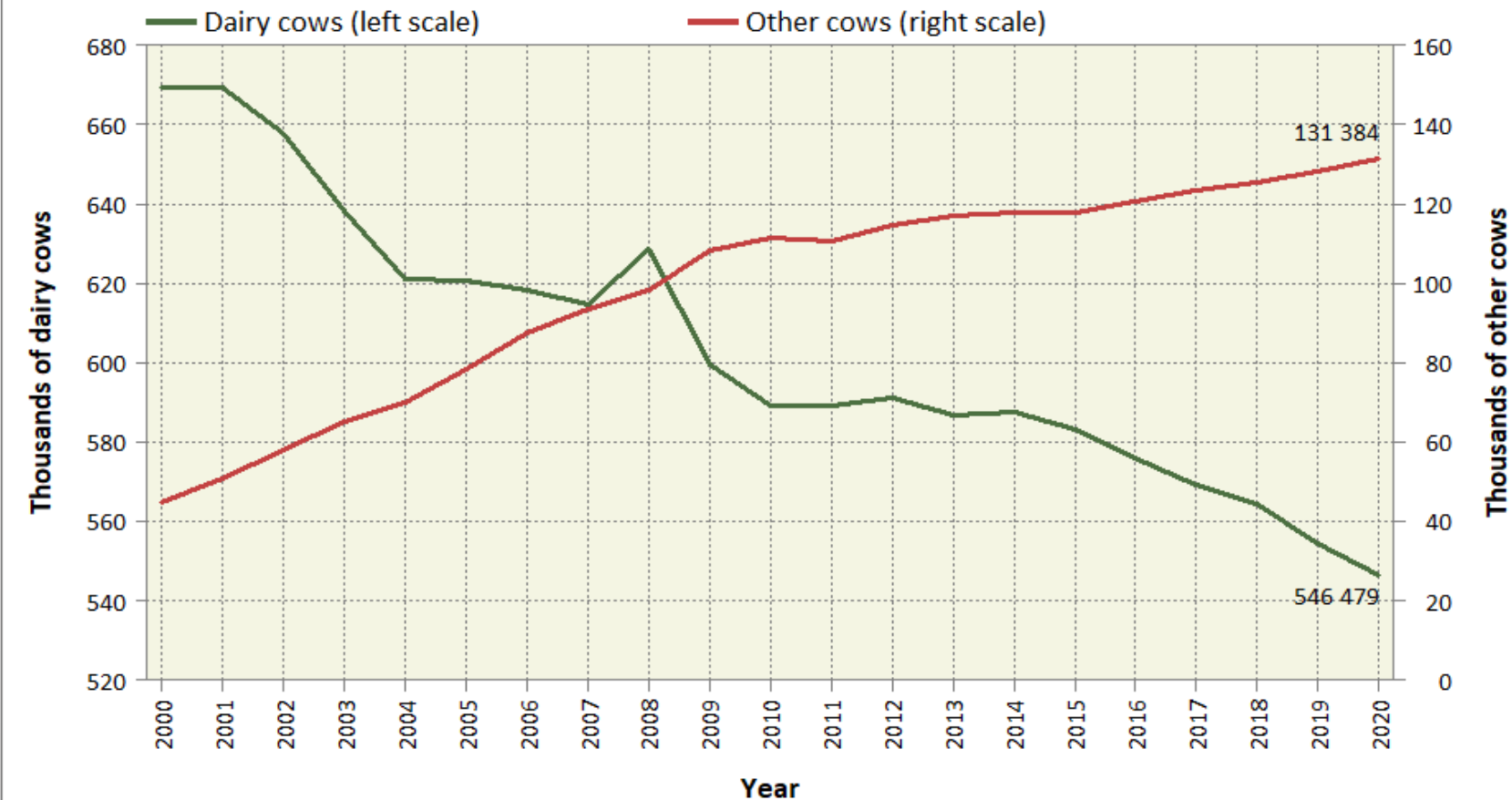


Farmer 49'363
 Farmer with cattle 33'662
 Farmer without cattle 15'701

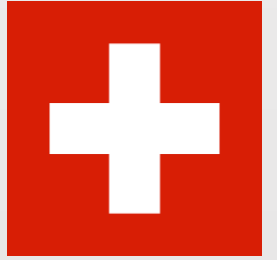
Animal husbandry



Stock of dairy and other cows by year

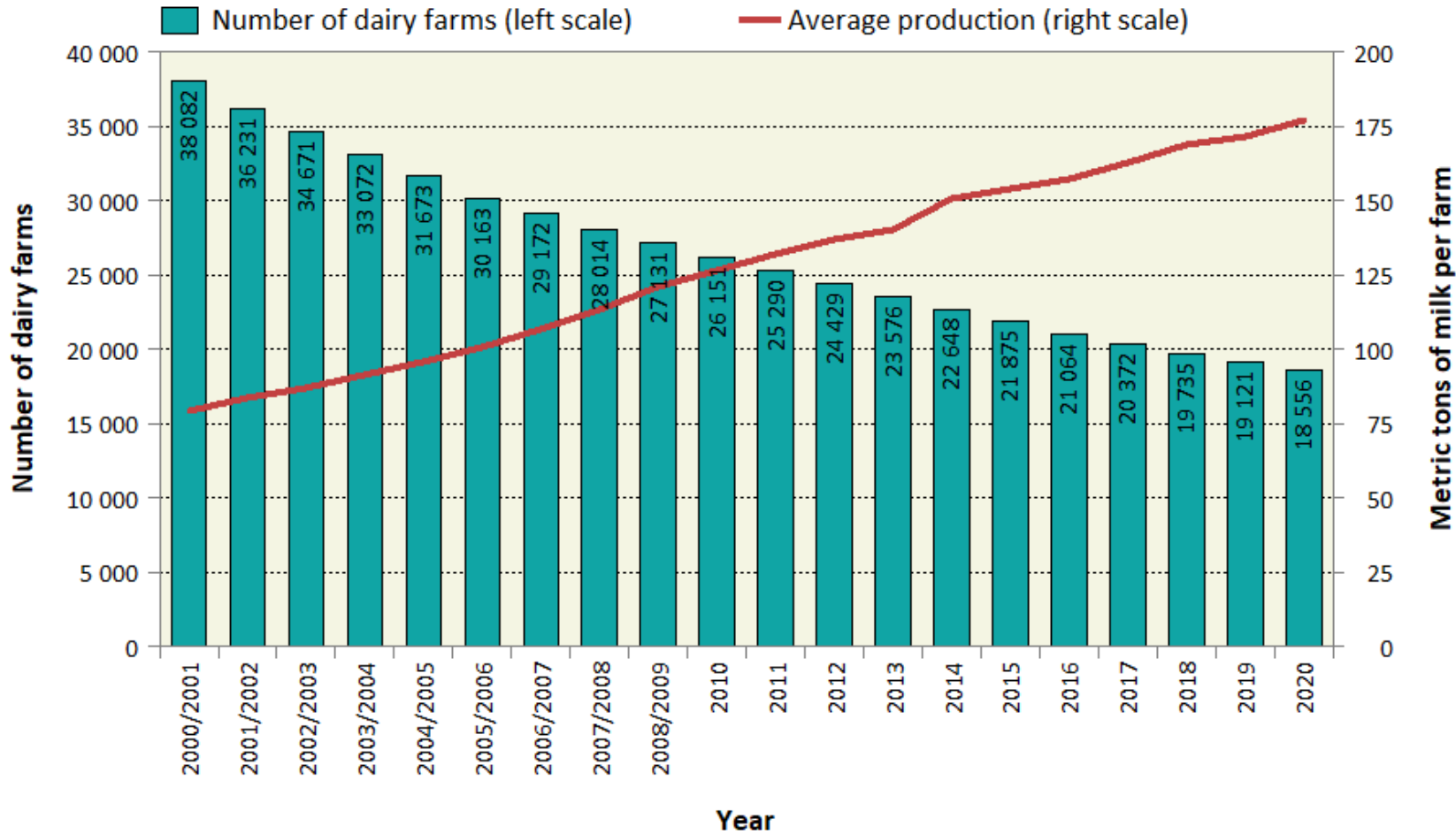


Cattle livestock	1'513'701	-0.1%
Cattle Livestock unit	937'612 LU	
Dairy cows	546'479	
Suckler cow	131'384	



Development of dairy farms

Number of dairy producers and average production per producer

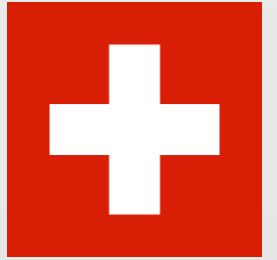


Farmers 49'363
Farmers with cattle 33'662
Farmers with dairy cattle 18'556
Dairy farmers 37.6%

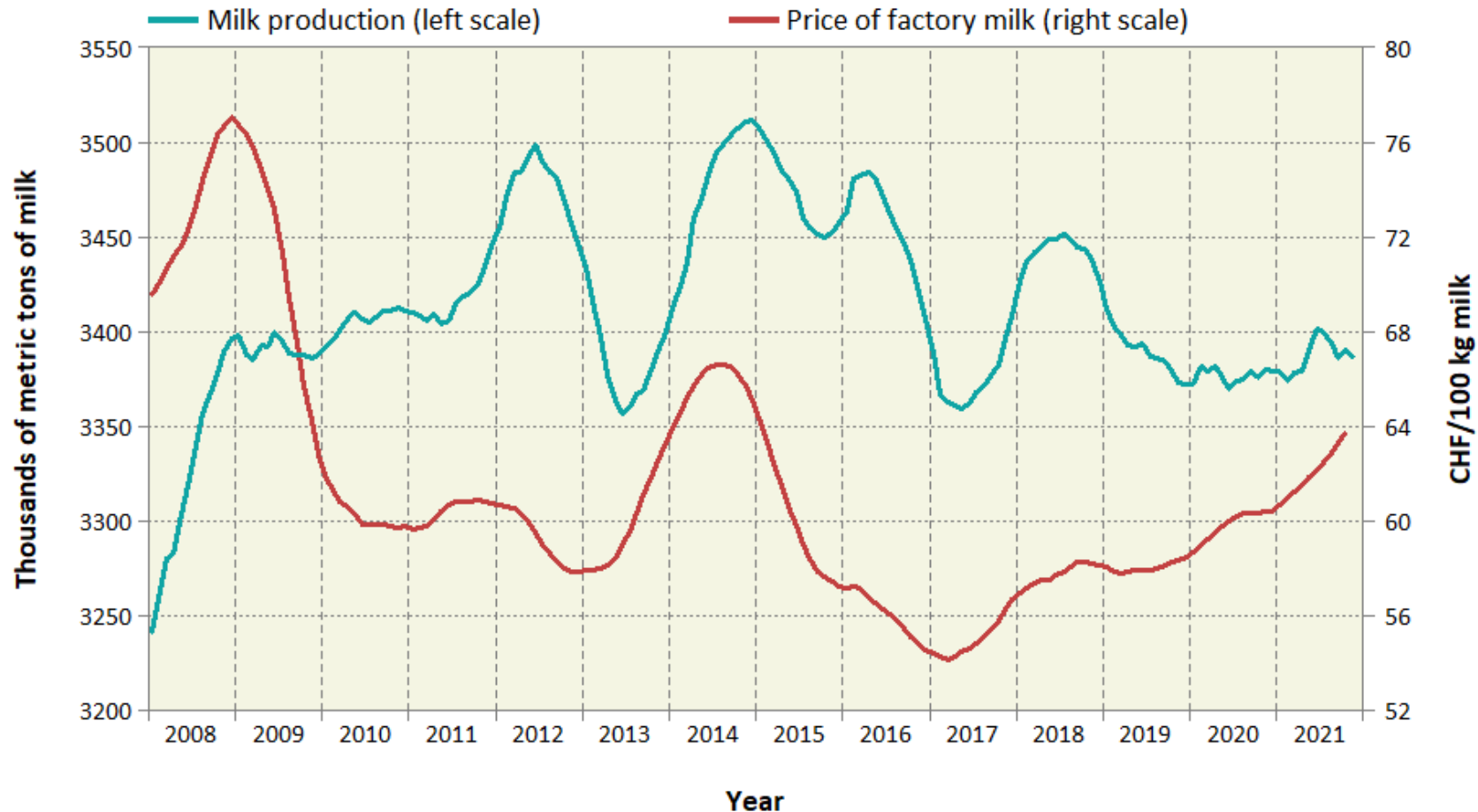
In 20 years a decrease from
19'526 dairy farms
Last year 565 farms

Average milk production
Increase 176'000 /farm

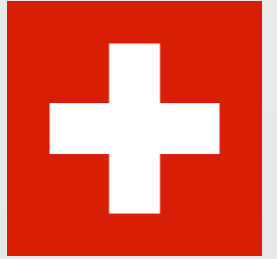
Milk production and price



Milk production (sum over 12 months) and milk price (average over 12 months)



Who is allowed to inseminate in Switzerland

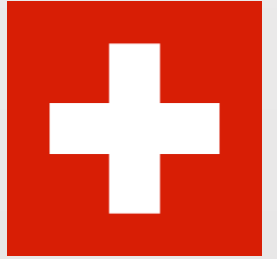


- ✓ **Vet.**
- ✓ **Everyone who has a license**

Those are

- ✓ **Professional inseminator**
 - Employee of a company
 - Freelancer
- ✓ **Farmer**
 - for their own cattle

Training to become a professional inseminator



Two training locations in Germany:

- ✓ Only cattle - 5 weeks
- ✓ Cattle and pigs - 6 weeks

- Dr. Dr. Eible–Training Center for Inseminators in Neustadt a. d. Aisch (Bavaria)

- Institut für Fortpflanzung landw. Nutztiere e. V. (IFN) in Schönau (Berlin) (Institut for reproduction of agriculture animals)

Two training locations in France:


- ANFEIA (National Training Association for Animal Husbandry and Insemination) 37380 Nouzilly
- CEZ - Bergerie Nationale - Parc du château - CS40609 - 78514 Rambouillet cedex

Training for the Certificate of Aptitude for the Functions of Insemination Technician (CAFTI) for the bovine includes 4 weeks of training (150 hours) theory and a minimum of 5 weeks (175 hours) of practical training in a place of semen legally registered with the Institut of breeding.

Farmer for their own cattle.

6 days in Switzerland

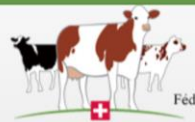
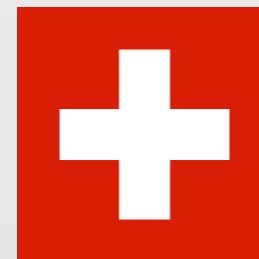
With a successful exam you get the license

swissgenetics 

- ✓ Insemination service
- Inseminators ~ 200
- Freelancer ~ 100

✓ Semen production

✓ Bulls husbandry



FSBB

Fédération des Sélectionneurs de Bétail Bovin

- ✓ Insemination service
- ~ 15 inseminators

Unsere Genetik - Ihr Profit von Morgen
Notre génétique - votre profit de demain

SELECT STAR SA

Deal with

- ✓ Self employed ~ 100
- ✓ Vet. ~100
- ✓ Farmer

✓ Semen production

✓ Bulls husbandry

ABS, Wh-TEC
GmbH



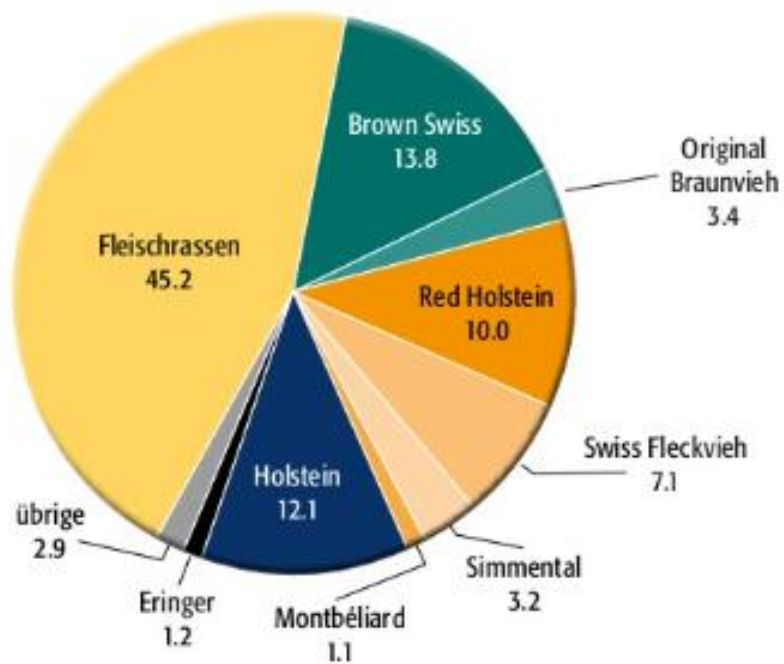
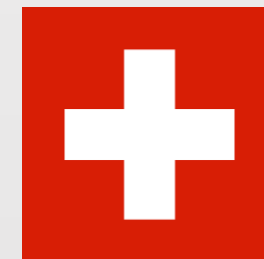
Deal with

- ✓ Self employed
- ✓ Freelancer
- ✓ Farmer

LGC
LANDING GEN & COM

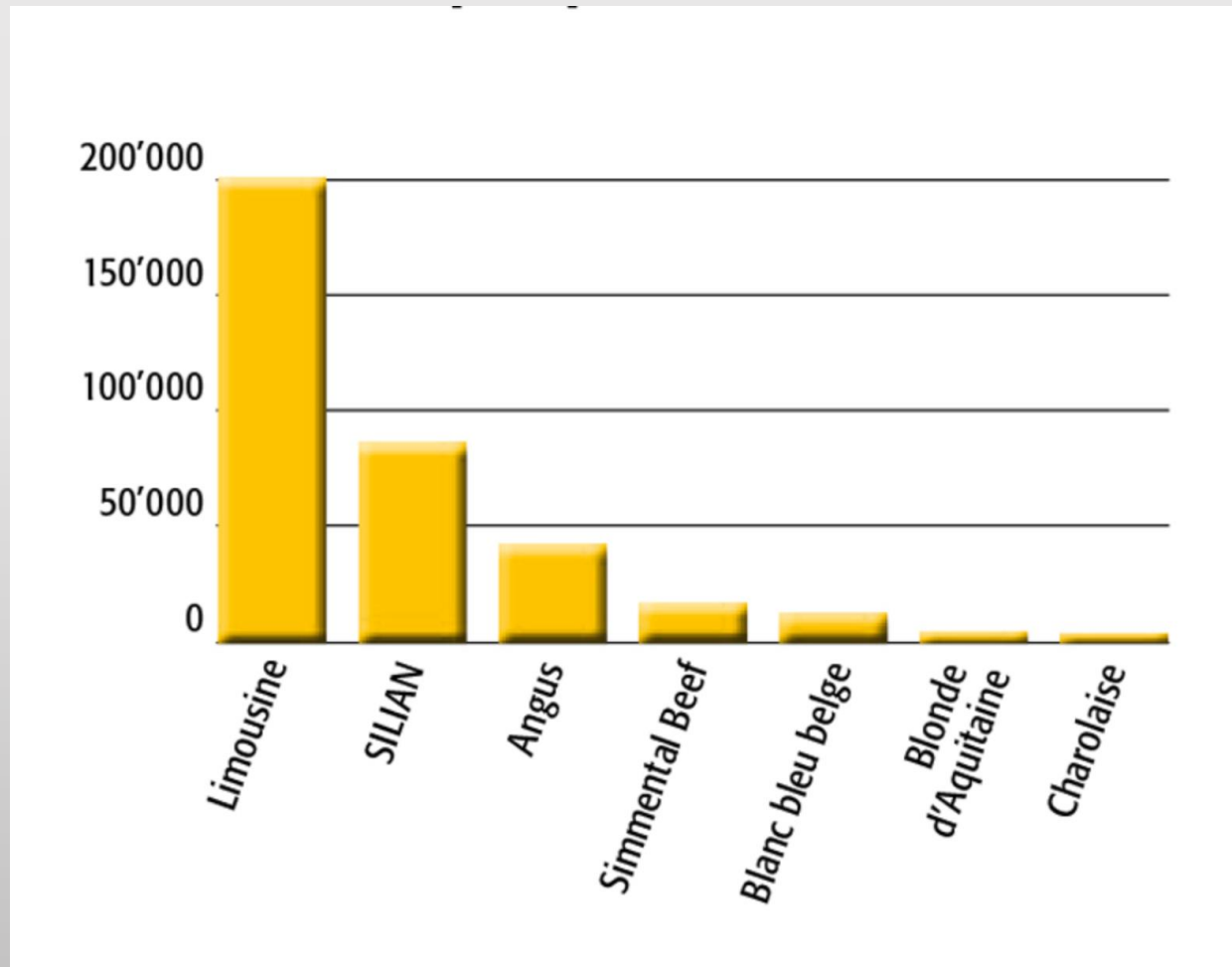
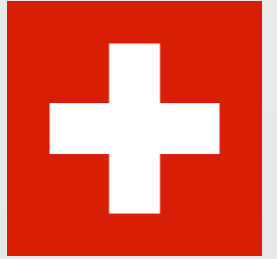
Alta

Use of breeds

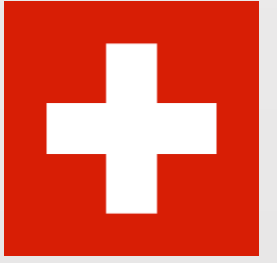


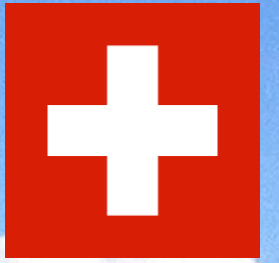
Breed	Percentage	Change
Beef	45.2%	-0.6%
Red Holstein	10.0%	-0.9%
Brown Swiss	13.8%	-0.2%
Holstein	12.1%	+0.6%
Swiss Fleck	7.1%	-0.1%
Original Brown	3.4%	+0.1%
Simmental	3.2%	+0.0%
Eringer	1.2%	+0.0%
Montbéliarde	1.1%	+0.1%
Other	2.9%	+1.0%

Straws used from the main beef breeds









Thanks for watching

Toni Aebischer