

## AGRICULTURE IN NORWAY

Prigodom:

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*Norway*

- a small country in the north-western corner of Europe

The shape of Norway is long and narrow, indented with fjords and heaped with mountain massifs

- a few figures to emphasize this:

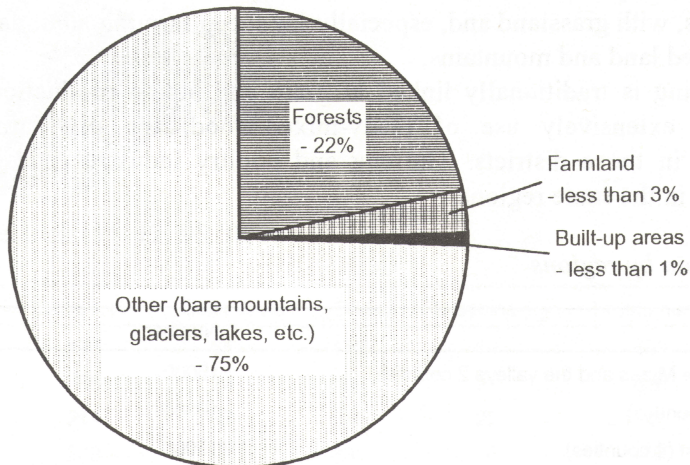
The mainland extends from 58°N to 71°N, a total distance of some 1750 kms, which is greater than the distance between Oslo and Rome.

Population: 4,4 million

- of which some 70 % in urban areas.

Total land area: 324000 square kilometres.

*Distribution of the territory*



Area of cultivated farmland appr.  
- Productive forests

1 million hectares  
7 million hectares

*Norwegian Farming*

- an industry predominated by small family farms

Total number of farms: 84000

*Distribution of farms by size*

Farm size	Number	%
Less than 5 hectares	24000	28
5 to 10 hectares	20000	24
10 to 20 hectares	25000	30
More than 20 hectares	15000	18

The average farm size is appr. 12 hectares of cultivated land, varying from an average of 16-18 hectares in the lowland of Eastern Norway to 7 hectares in the West Coast area.

*In a nutshell:*

In the most favourable farming districts, i.e. in south-east (Oslofjord - Lake Mjøsa), south-west (Stavanger ara), and mid-Norway (Trondheim area), there is a relatively extensiv production of barley and wheat, vegetables and potatoes. Generally, we will find dairy and sheep farming in the valleys and coast districts, with grassland and, especially for sheep farming, abundant areas of uncultivated land and mountains.

Pig farming is traditionally linked to grain and potato production. Even today, with extensively use of ready-mixed food, the pig farming is concentrated in those districts. The egg and poultry industry is also rather concentrated in the same regions.

*Distributon by regions*

Region	Number	%
East/inland (Lake Mjøsa and the valleys 2 counties)	15000	18
South-east (4 counties)	16000	19
South/south-west (4 counties)	15000	18
West (3 counties)	19000	23
Mid-Norway (2 counties)	11000	13
North (3 counties)	8000	9



Livestock (31. 12. 95 '000)

Region	Cattle total	Dairy cows	Sheep	Breeding pigs	Laying hens	Chickens
Inland	170	55	170	19	463	4624
S.-east	86	24	66	21	826	9255
S./s-west	214	67	290	22	1341	2130
West	233	77	334	6	462	993
Mid-N.	207	67	107	18	267	2715
North	100	35	171	4	177	
Total	1010	325	1138	90	3536	19717

In addition there are some 6000 heads of milking goats, of which 40% are in the north, 35% in the west, and 10% in the eastern valleys.

### *Dairy farming in Norway*

Number of dairy farms: 28000  
 - of which  
 2800 larger than 20 cows  
 15000 between 10-20 cows  
 Average herd size: 12 cows

There is an individual farm quota system for the milk production. Some 65% of the dairy farmers have an annual quota between 40000 and 100000 litres. 12-14% have more than 100000.

Total volume 1995: 1712 mill. litres

Milk recording 1995 (calendar year):

Number of cows: 282000 75% of all cows  
 Number of herds: 22000 80% of all herds  
 Average milk yeald, annual records: 6328 kgs.  
 4,07% fat  
 3,19 % protein  
 Average feed ration:  
 43% silage or zero grazing  
 15% outdoor grazing  
 37% grain/concentrate mix  
 5% hay, roots, etc.

Artificial insemination:

Number of first inseminations (cows and heifers) 420000 of which:  
 95% Norwegian Cattle "NRF" (Dual purpose)  
 4% Beef bull semen  
 1% Jerseys and various native, old breeds.

### *Pig farming*

#### Farm structure

	Number of breeding pigs	Number of farms
	1 - 4	814
	5 - 9	726
	10 -29	1945
	>30	965
	Total	4450

Total production av pigmeat 1995: 95000000 kgs

*Sheep farming*

## Farm structure

Number of ewes	Number of farms
1 - 19	5995
20 - 49	10069
50 - 99	6110
> 100	2350
Total	24550

Total production of mutton and lamb 1995: 25000000 kgs

*Poultry farming*

## Farm structure (egg production)

Number av laying hens	Number of farms
< 500	2695
50 -1000	277
100 -2000	855
>2000	479
Total	4306

Total production of eggs 1995: 50 000 000 kgs

- poultry meat 28 000 000 kgs

*Cooperatives in Norwegian farming*

The cooperatives play a major role in the Norwegian farming industry. Examples are the dairies, Meat marketing coops, and the breeding associations.

*Norwegian Cattle*

is the national cattle breeding and AI cooperative. The number of members is 28000, who between them own nearly all of the cows in Norway. In norwegian, both the main breed and the coop are frequently referred to as "NRF".

*Norwegian Pig Breeders' Association*

"Norsvin", is the coop for pig breeding and AI. Both NRF and Norsvin operate their breeding and AI programme in the most up-to-date facilities possible.

*The dairy cooperatives*

Five regions and a national association, with a marketing organization. The dairy cooperatives have a market share of 99%. Total number of members appr. 28000.

*The meat marketing cooperatives*

Nine regional cooperatives and the national "Norwegian Farmers' Meat Marketing Association".

Market share of beef, pigmeat and mutton/lamb 80%

Total number of members appr. 50000.