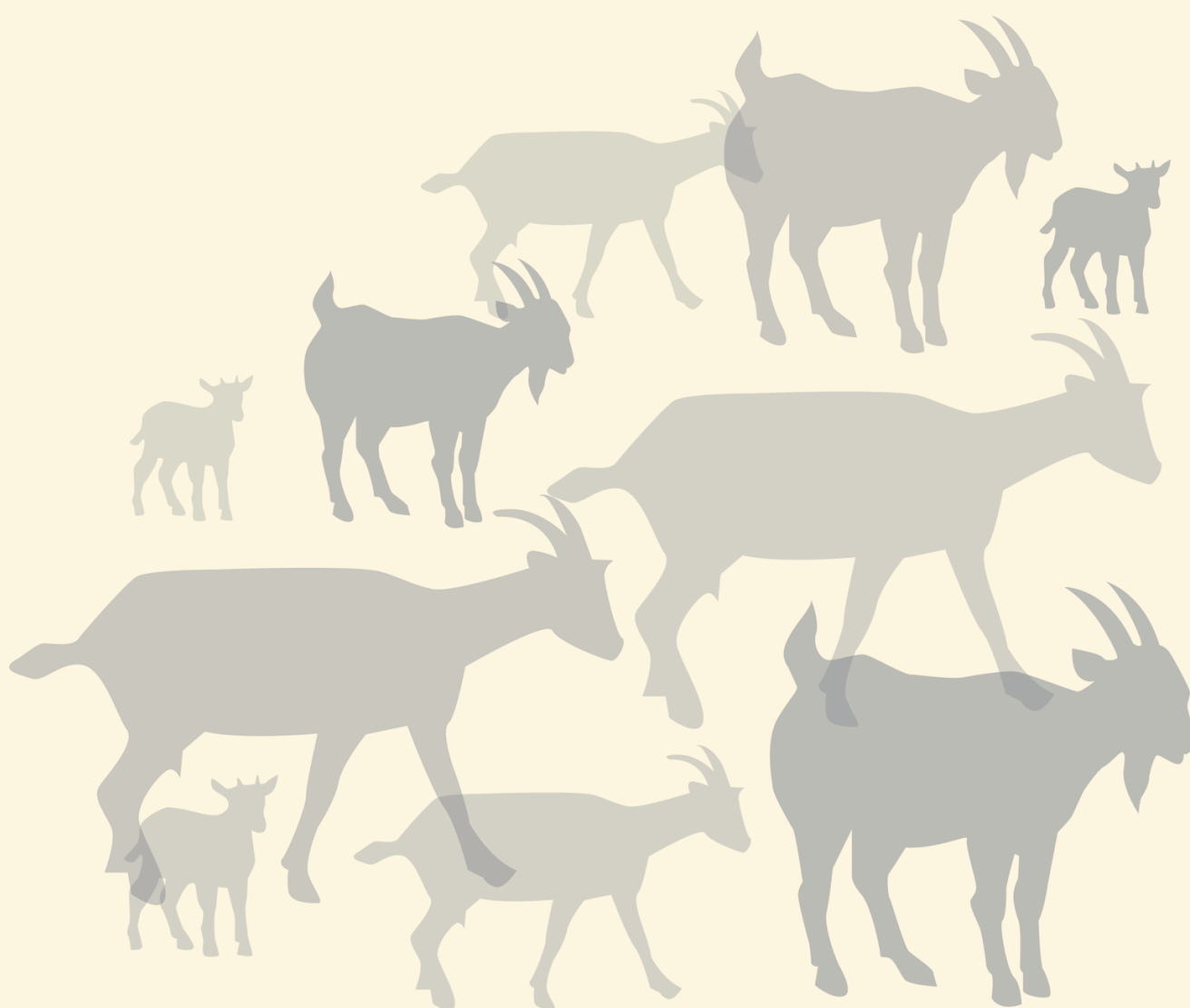


Milk recording results of goats

France 2021



Collection

Résultats

Responsable de la rédaction :

Gilles THOMAS – Xavier BOURRIGAN (Institut de l'Élevage)

Equipe de rédaction :

People who contributed to the development of this document:

Calcul et analyses : Gilles Thomas gilles.thomas@idele.fr

Xavier Bourrigan xavier.bourrigan@idele.fr

avec la participation de Virginie Clément virginie.clement@idele.fr

et d'Agnès Piacère agnes.piacere@idele.fr

Layout design :

Gilles Thomas et Sarah DAUPHIN (Institut de l'Élevage)

Photo credits :

Goats : Institut de l'Élevage – CAPGENES – ADDCP -Association La chèvre de race Pyrénéenne

Damien Hardy - la Chèvre

NB: the copy of the information contained in this document is allowed if and only if the source « Institut de l'Élevage » is mentioned.

Milk recording results - Goats France – Year 2021

*Source of pictures:
Institut de l'Elevage
CAPGENES
ADDCP
Association La chèvre de race Pyrénéenne
Damien Hardy - la Chèvre*

*NB: the copy of the information contained in this document is allowed if and only if
the source « Institut de l'Elevage » is mentioned.*

People who contributed to the development of this document

*Statistical analyses: Gilles Thomas gilles.thomas@idele.fr
with the cooperation of Virginie Clément virginie.clement@idele.fr
and Agnès Piacère agnes.piacere@idele.fr*

Format and edition: Gilles Thomas gilles.thomas@idele.fr

*Translation: Michèle Bousseley michele.bousseley@idele.fr
and Gilles Thomas gilles.thomas@idele.fr*



Data processing

The French Livestock Institute calculated and processed goat milk recording annual results from data extracted from the goat national database (extraction performed on 4 March 2022).

In paragraph 1.1.1, the number of « active » goats refers to goats that belong to a herd with active MR contract and for which at least one milk record has been registered throughout the year.

In paragraph 1.1.2, the number of « active » herds refers to herds with at least one active goat taken into account over the year 2021.

One lactation per « active » goat, the last terminated one, is taken into account in the process (under condition of kidding date after January 1st, 2018). Because of the application of these conditions, the results presented in this report do not include primiparous goats having their lactation still on-going.

These selected lactations can be qualified or not.

Non-qualified lactations are taken into account only for calculation of the number of terminated lactations (see paragraph 1.2 and column « Terminated lactations » of table 1.4).

Calculated results (from the paragraph 1.3) refer only to **qualified lactations**.

The distribution of these lactations per year of kidding and of drying off is presented in the table 1.3.1.

In table 3.1.3, average age at 1st kidding is calculated for a breed only when the total of lactations exceeds 40 at national level.

In table 5.3, the milk recording protocol applied for a given lactation is in accordance with the current French guidelines for goat milk recording: « *when milk recording protocol changes for a herd, for example from A to AZ, CZ or AT, the on-going lactations are calculated and qualified according to the protocol which gives less accurate information (AT < CZ < AZ < A)* ».

Herds taken into account are those for which lactation results are available, in accordance with the rules previously given.



Trends for 2021

The number of qualified lactations is slightly increasing in 2021 to reach 235.778 lactations (+ 2.863 lactations, +1.2 %). At the same time, the number of flocks is slightly decreasing to reach 1,457 flocks (-1.1%).

The two main breeds (Alpine and Saanen) represent henceforth 96.5% of the total of qualified lactations.

The proportion of primiparous dairy goats is slightly increasing and reaches 36 % (+0.5%), confirming the trend observed since 2018 (+0.8% in 2019, +1.7% in 2020).

The milk yield reach 992 Kg per lactation (+3Kg). The lactation duration is stable at 321 days, confirming the increase observed for a few years (298 days in 2014). Meanwhile true-protein and fat rates are still increasing and reaches respectively 33.6 g/Kg (+0.2) and 37.7 g/Kg (+0.1).



TABLE OF CONTENTS

I - NATIONAL RESULTS	5
1.1 - Overall milk recorded population	5
1.1.1 - Total number of active herds in 2021*	5
1.1.2 - Total number of active goats in 2021*	5
1.2 - Terminated lactations	6
1.3 - Qualified lactations	8
1.3.1 - Distribution of qualified lactations per year of calving and of drying off	8
1.3.2 - Results of the campaign	8
1.4 - Reminder of previous campaigns	8
II - RESULTS ACCORDING TO VARIATION FACTORS	9
2.1 - Results per parity	9
2.2 - Results according to herd size	9
2.3 - Results according to the month of kidding	10
2.3.1 - First lactations	10
2.3.2 - Lactations 2 and over	10
III - RESULTS PER BREED	11
3.1 - Overall results	11
3.1.1 - Complete lactations	11
3.1.2 - Reference lactations.....	11
3.1.3 - Average age at first kidding	12
3.2 - Detailed results per breed	13
IV - RESULTS PER REGION	22
4.1 - Detailed results	22
4.2 - Kidding distribution per month	22
V - RESULTS PER LOCAL AREA (= FRENCH « DÉPARTEMENT »)	23
5.1 - Geographical distributions	23
5.2 - Detail results per local area	24
5.3 - Distribution of milk recording protocols per local area	26
5.4 - Lactations (complete and reference) per breed and per local area	28

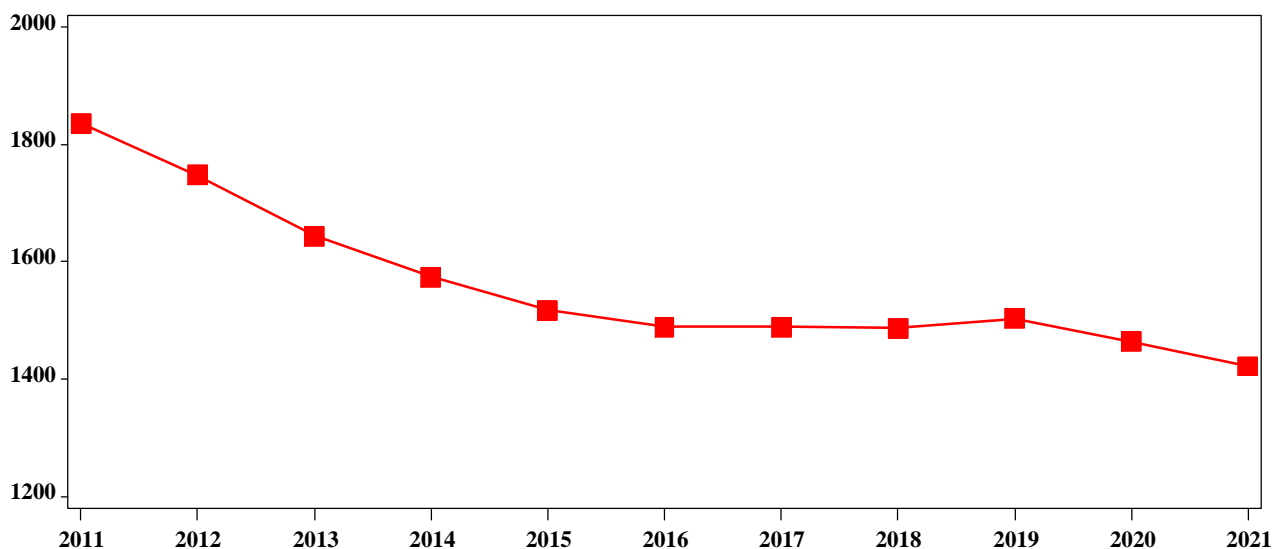


I - NATIONAL RESULTS

1.1 - Overall milk recorded population

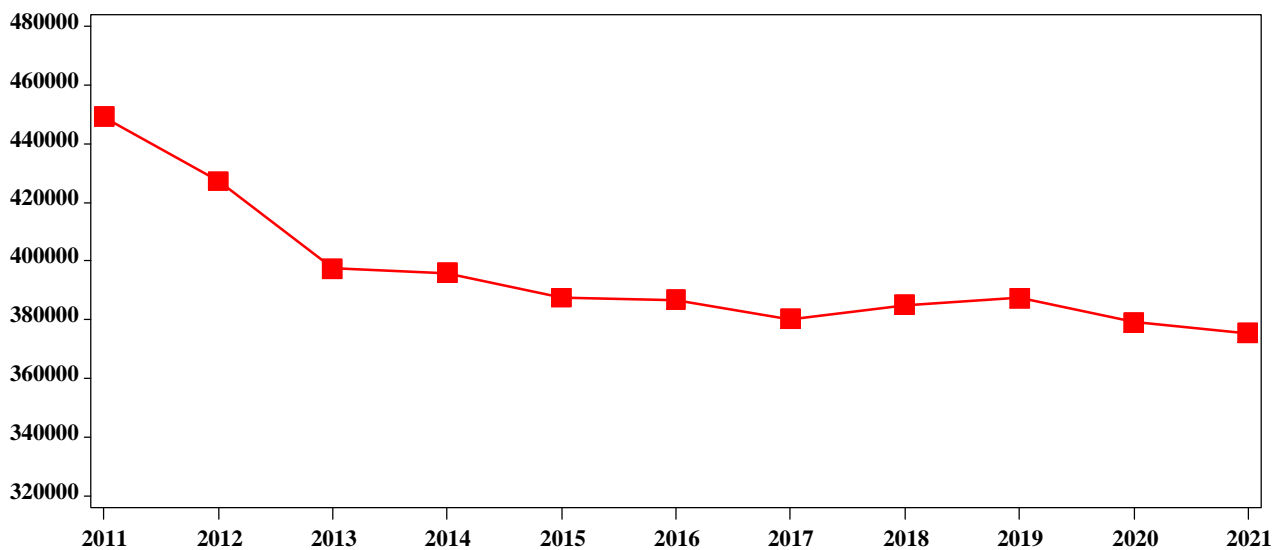
1.1.1 - Total number of active herds in 2021*

1,422 herds



1.1.2 - Total number of active goats in 2021*

375,492 goats



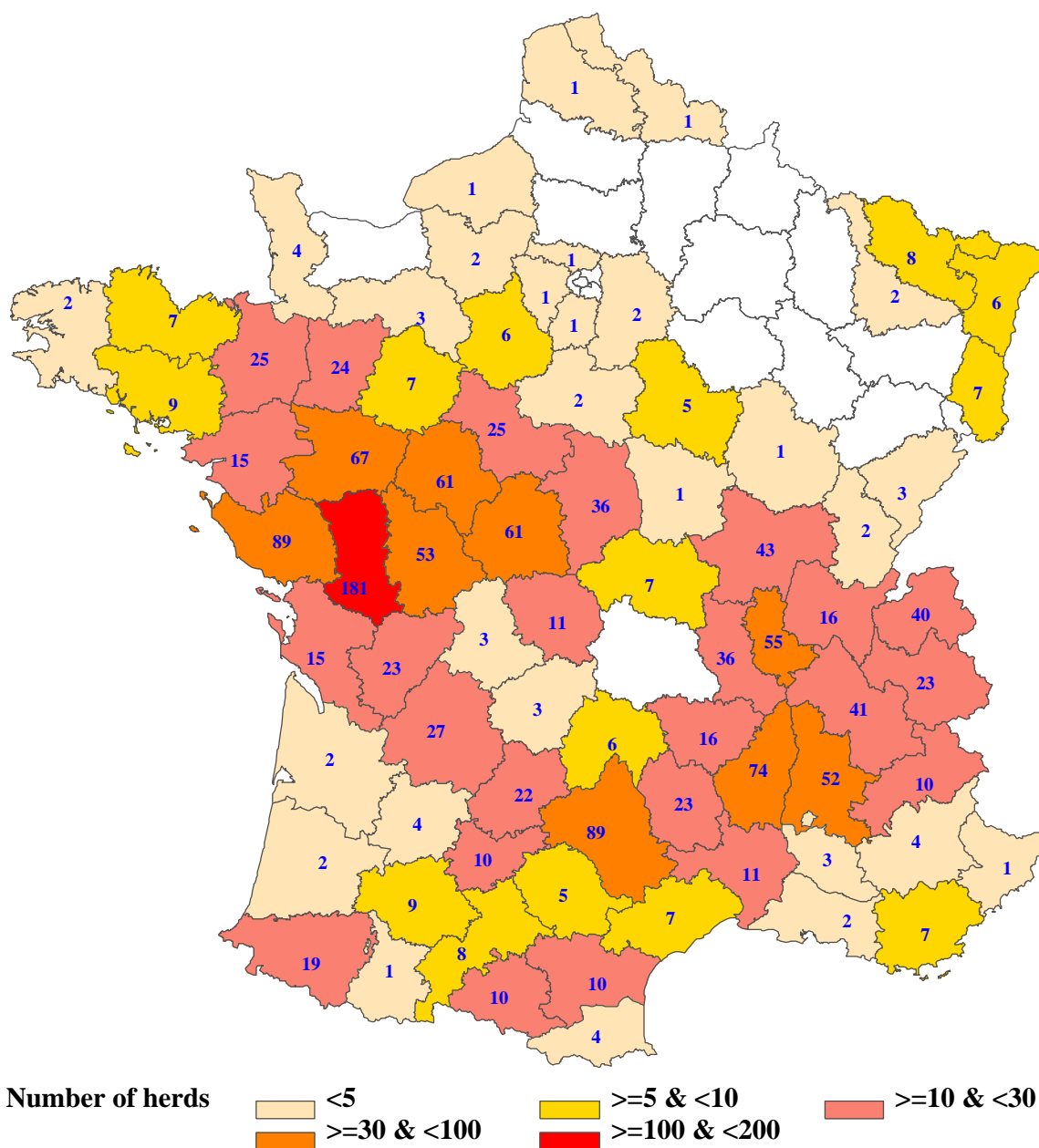
* For information about how the number of « active herds » and « active goats » is calculated, refer to « Data processing » paragraph (cf. page 2).



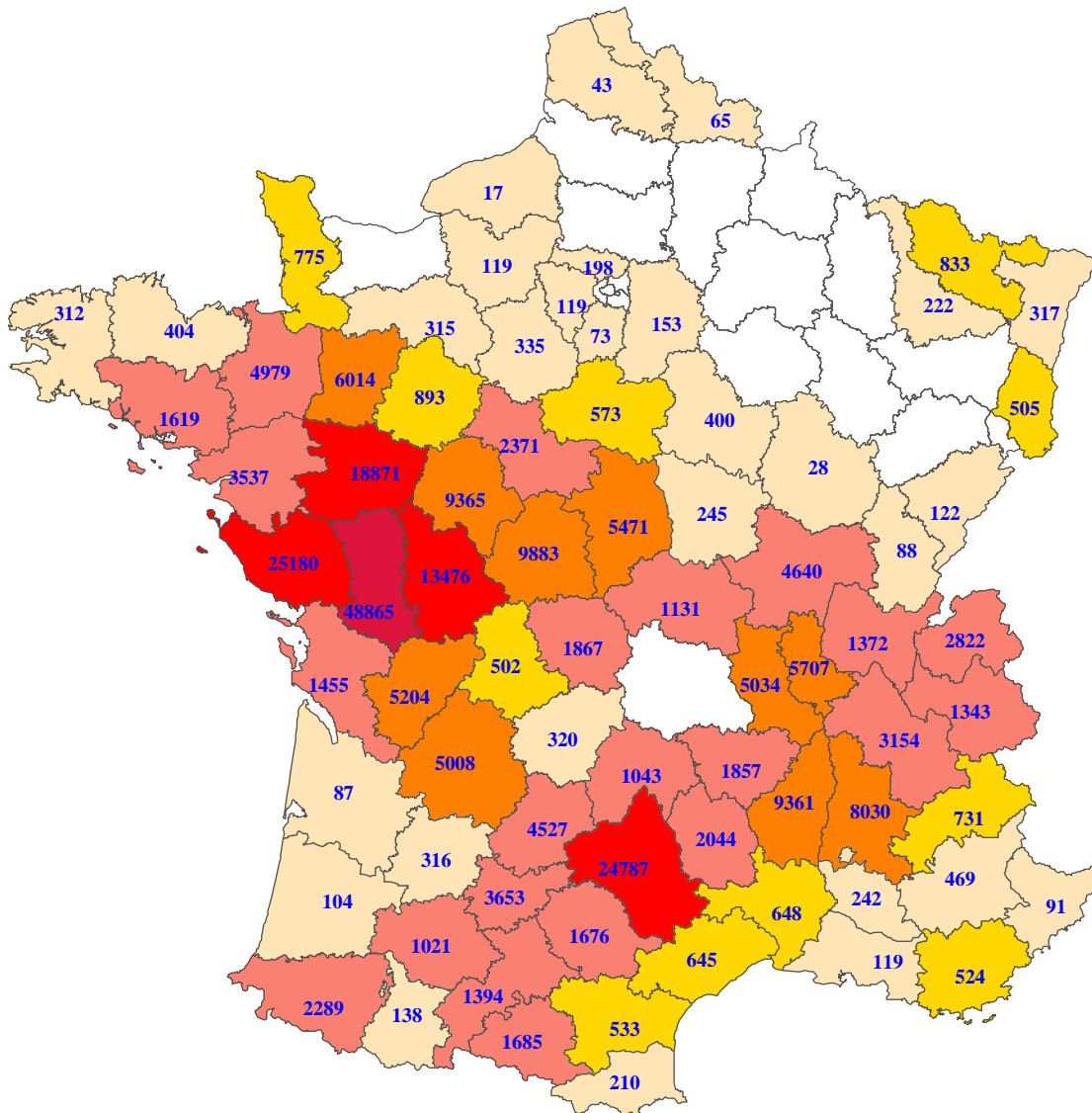
1.2 - Terminated lactations

Total number of herds with terminated lactations	1,476
Total number of terminated lactations	264,568
Average number of terminated lactations per herd	179.2
Total number of herds with qualified lactations	1,457
Total number of herds with qualified lactations	235,778

Distribution of herds (with terminated lactations) per local area (= French « département »)



Distribution of terminated lactations per local area



Number of lactations



1.3 - Qualified Lactations

1.3.1 - Distribution of qualified lactations per year of kidding and of drying off

Year of kidding	Year of drying off								Total	
	2018		2019		2020		2021			
	Nb	%	Nb	%	Nb	%	Nb	%	Nb	%
2018	221	0.1	621	0.3	1,591	0.7	980	0.4	3,413	1.4
2019			1,784	0.8	18,756	8.0	6,162	2.6	26,702	11.3
2020					26,873	11.4	72,673	30.8	99,546	42.2
2021							106,117	45.0	106,117	45.0
Total	221	0.1	2,405	1.0	47,220	20.0	185,932	78.9	235,778	100

For example: 106,117 qualified lactations (that is to say 45.0 % of the overall total) match the following criteria: a calving date and a drying off date in 2021.

1.3.2 - Results of the campaign

Parity		First lactations	Lactations 2 and over	Overall total
Number of lactations	kg	84,775	151,003	235,778
Lactation duration	days	334	313	321
Milk yield	kg	963	1,008	992
True protein content	kg	32.4	33.8	33.3
True protein ‰	g/kg	33.7	33.5	33.6
Fat content	kg	37.2	37.5	37.4
Fat ‰	g/kg	38.6	37.2	37.7

1.4 - Reminder of previous campaigns

Year	Terminated lactations	Qualified lactations	Lactation duration days	Milk yield g/kg	True protein content kg	True protein ‰ g/kg	Fat content kg	Fat ‰ g/kg
2012	342,698	299,709	303	946	30.6	32.4	34.7	36.7
2013	316,119	282,516	299	907	29.5	32.6	33.5	36.9
2014	306,246	274,541	298	910	29.8	32.7	33.4	36.7
2015	297,973	262,854	301	925	30.3	32.7	33.9	36.7
2016	298,734	264,040	303	949	31.2	32.9	35.1	37.0
2017	280,306	250,121	312	953	31.4	33.0	35.3	37.0
2018	283,232	256,095	319	964	31.8	33.0	35.8	37.1
2019	274,956	249,579	318	963	32.0	33.2	36.1	37.5
2020	270,784	232,915	321	989	33.0	33.4	37.1	37.6
2021	264,568	235,778	321	992	33.3	33.6	37.4	37.7



II - RESULTS ACCORDING TO VARIATION FACTORS

2.1 - Results per parity

Parity	Lactations		Lactation duration	Milk yield	True protein ‰	Fat ‰
	<i>Nb</i>	%	<i>days</i>	<i>kg</i>	<i>g/kg</i>	<i>g/kg</i>
1	84,775	36.0	334	963	33.7	38.6
2	62,567	26.5	321	1,048	33.8	37.6
3	40,051	17.0	313	1,031	33.6	37.1
4	23,874	10.1	307	984	33.3	36.8
5	12,531	5.3	302	939	33.1	36.6
6	6,462	2.7	297	885	32.8	36.6
7	3,163	1.3	294	834	32.7	36.8
8 and over	2,355	1.0	289	766	32.4	36.7
Overall total	235,778	100	321	992	33.6	37.7

2.2 - Results according to the herd size

Herd size	Herds		Lactations		Lactation duration	Milk yield	True protein ‰	Fat ‰
	<i>Nb</i>	%	<i>Nb</i>	%	<i>days</i>	<i>kg</i>	<i>g/kg</i>	<i>g/kg</i>
>=1 & <50	307	21.1	7,691	3.3	297	811	33.6	37.4
>=50 & <99	285	19.6	20,162	8.6	312	843	33.6	37.9
>=100 & <149	233	16.0	28,810	12.2	318	918	33.7	37.6
>=150 & <249	329	22.6	65,383	27.7	321	982	33.7	37.7
>=250 & <499	261	17.9	86,943	36.9	324	1,047	33.5	37.5
>=500 and over	42	2.9	26,789	11.4	325	1,082	33.5	38.2
Total	1,457	100	235,778	100	321	992	33.6	37.7



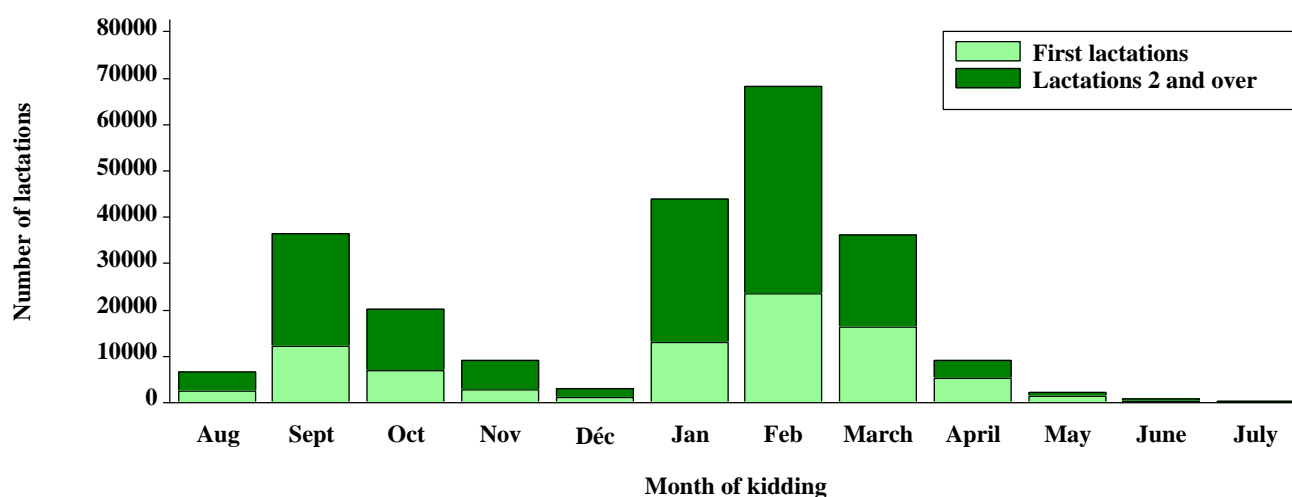
2.3 - Distribution of lactations according to the month of kidding

2.3.1 - First lactations

Month of kidding	Lactations		Lactation duration days	Milk yield kg	True protein content kg	True protein % g/kg	Fat content kg	Fat % g/kg
	Nb	%						
August	2,379	2.8	359	1,036	35.3	34.1	40.4	39.0
September	12,067	14.2	348	1,058	36.1	34.1	41.9	39.6
October	6,790	8.0	347	1,003	34.2	34.0	39.7	39.6
November	2,873	3.4	343	967	32.8	33.9	38.4	39.6
December	1,010	1.2	335	941	32.1	34.1	36.5	38.8
January	13,066	15.4	334	989	33.0	33.3	37.9	38.3
February	23,422	27.6	331	937	31.4	33.5	35.9	38.3
March	16,213	19.1	326	914	30.6	33.5	34.8	38.1
April	5,217	6.2	318	888	29.8	33.6	33.6	37.9
May	1,268	1.5	314	902	30.5	33.8	34.3	38.1
June	318	0.4	306	818	27.9	34.1	32.2	39.3
July	152	0.2	341	1,008	35.3	35.0	38.4	38.1
Overall total	84,775	100	334	963	32.4	33.7	37.2	38.6

2.3.2 - Lactations 2 and over

Month of kidding	Lactations		Lactation duration days	Milk yield kg	True protein content kg	True protein % g/kg	Fat content kg	Fat % g/kg
	Nb	%						
August	4,108	2.7	324	1,037	35.5	34.3	38.6	37.2
September	24,328	16.1	320	1,018	35.0	34.4	38.9	38.3
October	13,302	8.8	314	947	32.5	34.3	36.3	38.4
November	6,225	4.1	316	974	33.0	33.9	37.4	38.4
December	2,089	1.4	329	1,036	34.9	33.7	38.1	36.8
January	30,837	20.4	315	1,075	35.7	33.2	39.7	36.9
February	44,799	29.7	312	1,004	33.3	33.1	36.9	36.8
March	19,994	13.2	303	966	31.9	33.0	35.0	36.3
April	3,781	2.5	310	959	31.9	33.3	34.6	36.0
May	961	0.6	295	904	30.6	33.8	33.2	36.7
June	429	0.3	274	847	28.4	33.6	32.4	38.3
July	150	0.1	250	796	26.8	33.6	30.8	38.7
Overall total	151,003	100	313	1,008	33.8	33.5	37.5	37.2

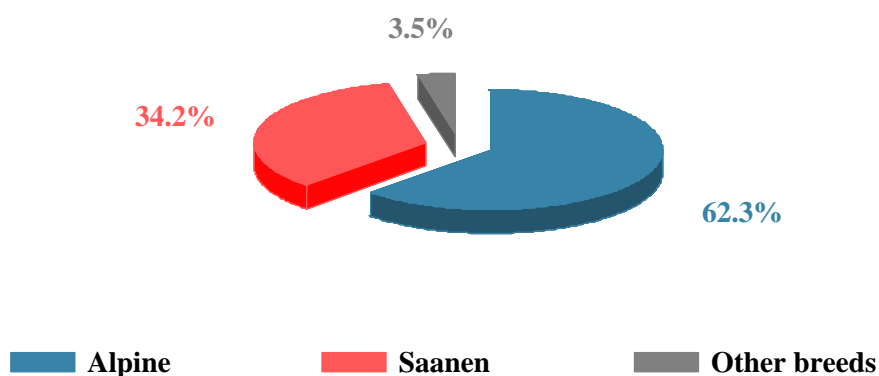


III - RESULTS PER BREED

3.1 - Overall results

3.1.1 - Complete lactations

Breed	Number of lactations	Lactation duration days	Milk yield kg	True protein content kg	True protein ‰ g/kg	Fat content kg	Fat ‰ g/kg	Kidding interval days	Average lactation rank
Alpine	146,854	317	978	33.2	34.0	37.4	38.3	395	2.4
Saanen	80,750	329	1,034	34.0	32.9	38.0	36.7	404	2.4
Crossbred	7,089	315	878	29.3	33.4	32.9	37.5	402	2.5
Poitevine	351	265	530	16.2	30.5	18.6	35.1	386	3.9
Chèvre des Savoie	307	248	475	13.5	28.5	16.3	34.2	361	3.2
Massif Central	50	273	463	13.2	28.5	17.0	36.8	397	2.5
Pyrénéenne	43	208	209	6.0	28.9	7.6	36.7	372	3.9
Other breeds	334	264	539	16.9	31.4	20.1	37.2	370	2.7
Overall total	235,778	321	992	33.3	33.6	37.4	37.7	398	2.4



3.1.2 - Reference lactations

Two scenarios are possible for calculating the reference lactations:

1. The complete lactation exceeds the reference period (example: 250 days for the Alpine breed).
In this case, the results of the reference lactation are calculated by interpolation, using the Fleischmann method.
2. The complete lactation does not exceed the reference period.
In that case, the results of the reference lactation and the complete lactation are identical.

Breed	Number of lactations	Reference duration days	Milk yield kg	True protein ‰ g/kg	Fat ‰ g/kg
Alpine	146,854	250	822	33.4	37.7
Saanen	80,750	250	818	32.4	36.3
Crossbred	7,089	250	718	32.8	37.0
Poitevine	351	230	492	30.1	34.8
Chèvre des Savoie	307	150	333	28.1	33.9
Massif Central	50	150	323	28.0	37.5
Pyrénéenne	43	170	175	28.4	36.3
Other breeds	334	150	378	30.6	36.9
Overall total	235,778		816	33.0	37.2

Note: comparing the results obtained by the different breeds should be avoided as long as a specific reference lactation duration is defined for each breed.



3.1.3 - Average age at 1st kidding

NB: This criterion is calculated only when the date of birth of a goat is known.

Breed	Number of lactations	Average age at 1st kidding <i>days</i>
Alpine	50,145	393
Saanen	28,128	388
Crossbred	2,232	406
Chèvre des Savoie	70	468
Poitevine	51	521
Pyrénéenne	3	NS*
Massif Central	1	NS*
Other breeds	91	453

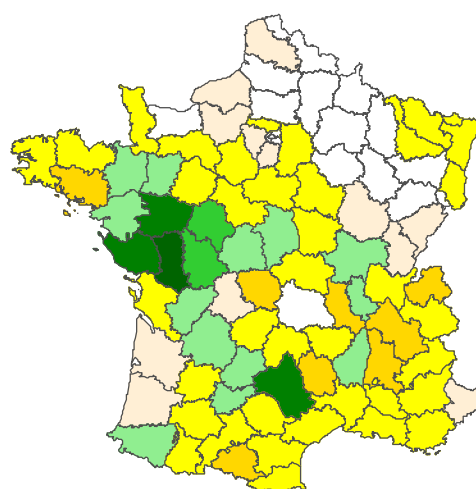
*NS : Not significant (cf. paragraph « Data processing » page 2 for details).



3.2 - Results per breed

Breed ALPINE (French breed code: 13)

Geographical distribution of qualified lactations of Alpine breed

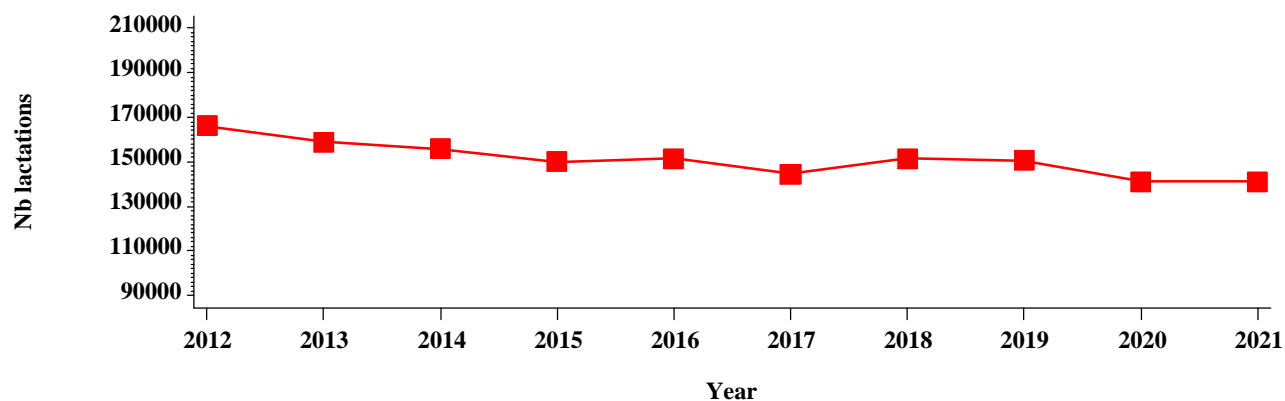


	First lactations	Lactations 2 and over	All lactations	Number of herds for Alpine breed*
Number of lactations	52,263	94,591	146,854	1,135
Lactation duration <i>days</i>	328	311	317	
Milk yield <i>kg</i>	920	1,010	978	
True protein content <i>kg</i>	31.4	34.3	33.2	
True protein % <i>g/kg</i>	34.1	33.9	34.0	
Fat content <i>kg</i>	36.1	38.2	37.4	
Fat % <i>g/kg</i>	39.3	37.8	38.3	

* Any herd having at least one goat from this breed is taken into account in these figures.

Parity	1	2	3	4	5	6	7	8 and over
% total goats	35.6	26.5	17.0	10.2	5.4	2.8	1.5	1.1

Evolution of the number of qualified lactations of Alpine breed



Breed ALPINE (cont.)

Results according to parity and month of kidding

Month of kidding	First lactations						Lactations 2 and over					
	Lactations		Lactation duration	Milk yield	True protein %	Fat %	Lactations		Lactation duration	Milk yield	True protein %	Fat %
	Nb	%	days	kg	g/kg	g/kg	Nb	%	days	kg	g/kg	g/kg
August	1,154	2.2	348	955	34.4	39.7	2,101	2.2	321	995	34.9	38.3
September	6,547	12.5	336	976	34.6	40.7	13,368	14.1	317	1,011	35.0	39.2
October	4,182	8.0	344	988	34.5	40.0	7,679	8.1	316	967	34.9	39.0
November	1,573	3.0	343	966	34.5	40.1	3,309	3.5	313	982	34.6	39.0
December	674	1.3	333	952	34.4	39.5	1,170	1.2	313	1,080	33.9	37.1
January	7,571	14.5	327	950	33.9	39.2	20,637	21.8	313	1,084	33.6	37.5
February	15,482	29.6	328	915	34.0	38.9	29,798	31.5	310	1,000	33.5	37.4
March	10,604	20.3	318	865	33.9	38.6	13,264	14.0	303	967	33.4	36.9
April	3,335	6.4	308	832	34.1	38.3	2,420	2.6	302	929	33.8	36.5
May	854	1.6	308	860	34.3	38.4	536	0.6	298	942	34.6	37.1
June	183	0.4	315	825	34.6	39.6	224	0.2	275	792	33.8	38.9
July	104	0.2	352	1,046	35.7	38.6	85	0.1	264	888	33.8	40.0
Overall total	52,263	100	328	920	34.1	39.3	94,591	100	311	1,010	33.9	37.8

Distribution of primiparous per age at kidding

Age at 1st kidding	Complete lactations						Reference lactations			
	Nb	%	Lactation duration days	Milk yield kg	True protein % g/kg	Fat % g/kg	Reference duration days	Milk yield kg	True protein % g/kg	Fat % g/kg
>= 240 et < 330 days	468	0.9	372	1,014	35.2	39.3	250	695	33.8	38.4
>= 330 et < 365 days	12,761	24.4	340	949	34.2	39.4	250	744	33.3	38.7
>= 365 et < 420 days	30,419	58.2	324	912	34.1	39.3	250	740	33.2	38.6
>= 420 days	6,471	12.4	326	946	34.4	39.0	250	688	33.1	37.8
Age unknown	2,144	4.1	304	768	33.8	39.1	250	629	33.0	38.6
Overall total	52,263	100	328	920	34.1	39.3		729	33.2	38.5

Distribution of primiparous per lactation duration

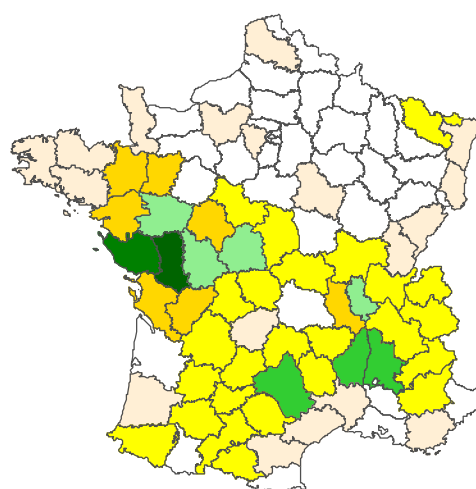
Lactation duration	Complete lactations						Reference lactations			
	Nb	%	Lactation duration days	Milk yield kg	True protein % g/kg	Fat % g/kg	Reference duration days	Milk yield kg	True protein % g/kg	Fat % g/kg
< 450 days	46,571	89.1	289	802	33.7	38.9	250	721	33.3	38.6
>= 450 days	5,692	10.9	644	1,886	35.7	40.3	250	795	33.0	38.1
Overall total	52,263	100	328	920	34.1	39.3		729	33.2	38.5



Results per breed

Breed SAANEN (French breed code: 11)

Geographical distribution of qualified lactations of Saanen breed

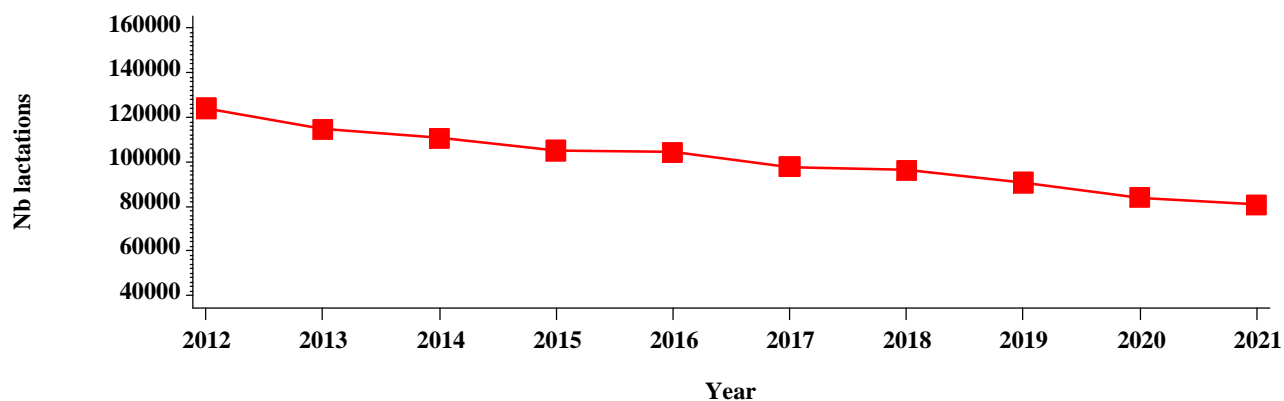


	First lactations	Lactations 2 and over	All lactations	Number of herds for Saanen breed*
Number of lactations	29,793	50,957	80,750	736
Lactation duration <i>days</i>	347	318	329	
Milk yield <i>kg</i>	1,052	1,024	1,034	
True protein content <i>kg</i>	34.7	33.6	34.0	
True protein % <i>g/kg</i>	33.0	32.8	32.9	
Fat content <i>kg</i>	39.7	37.0	38.0	
Fat % <i>g/kg</i>	37.7	36.1	36.7	

* Any herd having at least one goat from this breed is taken into account in these figures.

Parity	1	2	3	4	5	6	7	8 and over
% total goats	36.9	26.7	16.9	10.0	5.2	2.5	1.1	0.7

Evolution of the number of qualified lactations of Saanen breed



Breed SAANEN (cont.)

Results according to parity and month of kidding

Month of kidding	First lactations						Lactations 2 and over					
	Lactations		Lactation duration	Milk yield	True protein %	Fat %	Lactations		Lactation duration	Milk yield	True protein %	Fat %
	Nb	%	days	kg	g/kg	g/kg	Nb	%	days	kg	g/kg	g/kg
August	1,178	4.0	370	1,118	33.8	38.4	1,926	3.8	326	1,085	33.6	36.2
September	5,165	17.3	363	1,167	33.5	38.5	10,220	20.1	323	1,032	33.6	37.1
October	2,368	7.9	351	1,037	33.2	38.9	5,147	10.1	312	926	33.4	37.5
November	1,232	4.1	344	976	33.1	39.2	2,646	5.2	321	987	33.1	37.7
December	286	1.0	345	951	33.3	37.3	801	1.6	360	1,016	33.5	36.3
January	5,234	17.6	342	1,048	32.6	37.3	9,259	18.2	320	1,081	32.4	35.5
February	7,212	24.2	338	1,003	32.7	37.2	13,328	26.2	317	1,035	32.4	35.6
March	4,954	16.6	347	1,044	32.9	37.1	5,812	11.4	306	991	32.2	35.0
April	1,685	5.7	343	1,019	32.7	37.1	1,197	2.3	322	1,026	32.3	35.1
May	369	1.2	333	1,019	32.9	37.4	383	0.8	291	861	32.7	36.2
June	73	0.2	274	753	32.7	36.8	186	0.4	279	945	33.4	37.7
July	37	0.1	320	935	33.5	35.8	52	0.1	250	734	33.4	36.5
Overall total	29,793	100	347	1,052	33.0	37.7	50,957	100	318	1,024	32.8	36.1

Distribution of primiparous per age at kidding

Age at 1st kidding	Complete lactations						Reference lactations			
	Nb	%	Lactation duration days	Milk yield kg	True protein % g/kg	Fat % g/kg	Reference duration days	Milk yield kg	True protein % g/kg	Fat % g/kg
>= 240 et < 330 days	363	1.2	350	1,062	33.2	37.2	250	775	32.5	36.7
>= 330 et < 365 days	8,425	28.3	359	1,101	33.1	37.8	250	776	32.2	37.3
>= 365 et < 420 days	16,250	54.5	339	1,021	32.9	37.8	250	760	32.3	37.4
>= 420 days	3,089	10.4	356	1,128	33.0	37.4	250	705	31.8	36.4
Age unknown	1,666	5.6	350	963	33.0	36.8	250	678	32.0	36.1
Overall total	29,793	100	347	1,052	33.0	37.7		754	32.2	37.2

Distribution of primiparous per lactation duration

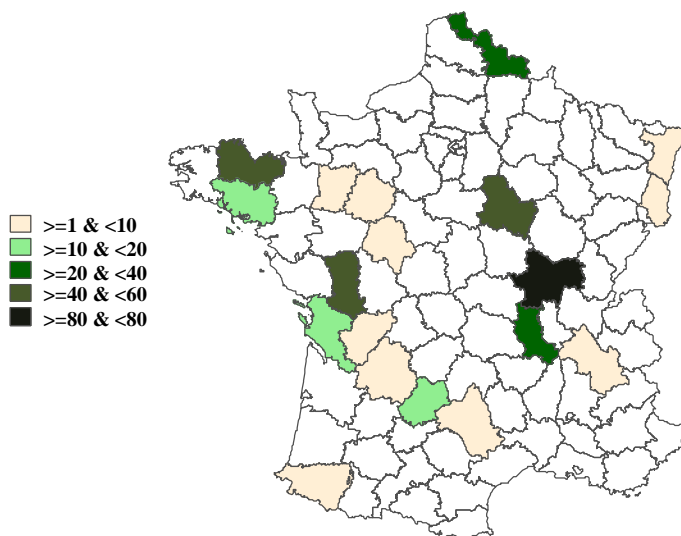
Lactation duration	Complete lactations						Reference lactations			
	Nb	%	Lactation duration days	Milk yield kg	True protein % g/kg	Fat % g/kg	Reference duration days	Milk yield kg	True protein % g/kg	Fat % g/kg
< 450 days	25,537	85.7	292	863	32.7	37.6	250	740	32.3	37.3
>= 450 days	4,256	14.3	678	2,186	33.8	38.0	250	840	31.9	36.8
Overall total	29,793	100	347	1,052	33.0	37.7		754	32.2	37.2



Results per breed

Breed POITEVINE (French breed code: 76)

Geographical distribution of qualified lactations of Poitevine breed

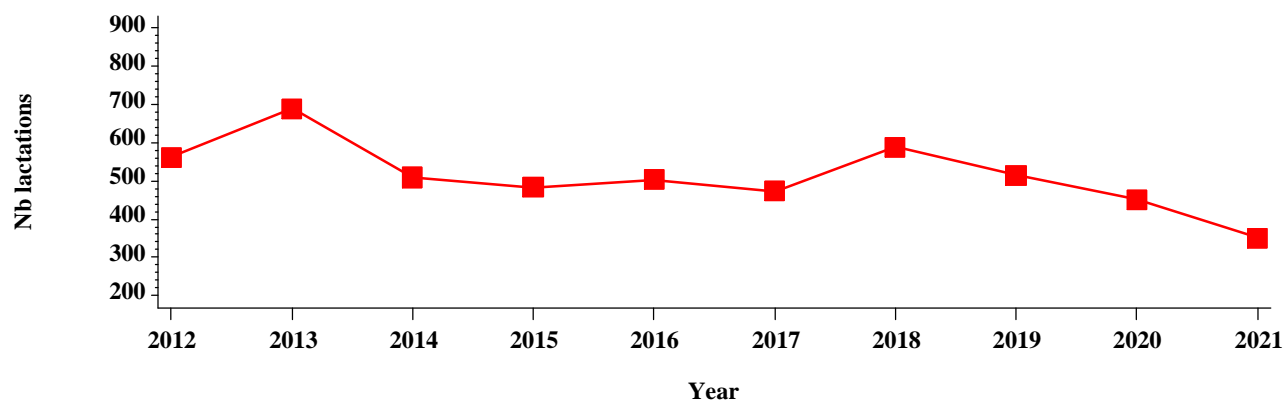


	First lactations	Lactations 2 and over	All lactations	Number of herds for Poitevine breed*
Number of lactations	54	297	351	25
Lactation duration <i>days</i>	272	264	265	
Milk yield <i>kg</i>	438	547	530	
True protein content <i>kg</i>	13.4	16.7	16.2	
True protein % <i>g/kg</i>	30.7	30.5	30.5	
Fat content <i>kg</i>	16.4	19.0	18.6	
Fat % <i>g/kg</i>	37.5	34.7	35.1	

* Any herd having at least one goat from this breed is taken into account in these figures.

Parity	1	2	3	4	5	6	7	8 and over
% total goats	15.4	21.9	17.1	8.8	8.8	12.8	8.8	6.3

Evolution of the number of qualified lactations of Poitevine breed



Breed POITEVINE (cont.)

Results according to parity and month of kidding

Month of kidding	First lactations						Lactations 2 and over					
	Lactations		Lactation duration	Milk yield	True protein %	Fat %	Lactations		Lactation duration	Milk yield	True protein %	Fat %
	Nb	%	days	kg	g/kg	g/kg	Nb	%	days	kg	g/kg	g/kg
August												
September												
October							16	5.4	256	464	30.9	39.0
November							10	3.4	227	455	29.2	38.1
December												
January	1	1.9	379	394	30.3	38.6	4	1.3	312	502	30.5	40.4
February	31	57.4	279	455	31.2	39.6	130	43.8	274	569	31.3	34.9
March	18	33.3	272	437	29.9	33.8	108	36.4	267	574	29.8	33.8
April	3	5.6	178	342	28.7	36.8	24	8.1	233	451	29.9	34.6
May	1	1.9	198	250	31.0	33.8	2	0.7	221	409	27.7	28.5
June							3	1.0	146	243	30.0	32.7
July												
Overall total	54	100	272	438	30.7	37.5	297	100	264	547	30.5	34.7

Distribution of primiparous per age at kidding

Age at 1st kidding	Complete lactations						Reference lactations			
	Nb	%	Lactation duration days	Milk yield kg	True protein % g/kg	Fat % g/kg	Reference duration days	Milk yield kg	True protein % g/kg	Fat % g/kg
>= 240 et < 330 days	1	1.9	298	252	30.3	43.3	230	233	30.4	43.8
>= 330 et < 365 days	6	11.1	253	395	29.4	35.8	230	366	29.0	35.3
>= 365 et < 420 days	24	44.4	269	395	30.1	36.8	230	367	29.8	36.5
>= 420 days	20	37.0	262	424	30.6	39.5	230	377	30.1	39.0
Age unknown	3	5.6	377	1,016	33.6	34.6	230	748	32.2	32.0
Overall total	54	100	272	438	30.7	37.5		389	30.1	36.8

Distribution of primiparous per lactation duration

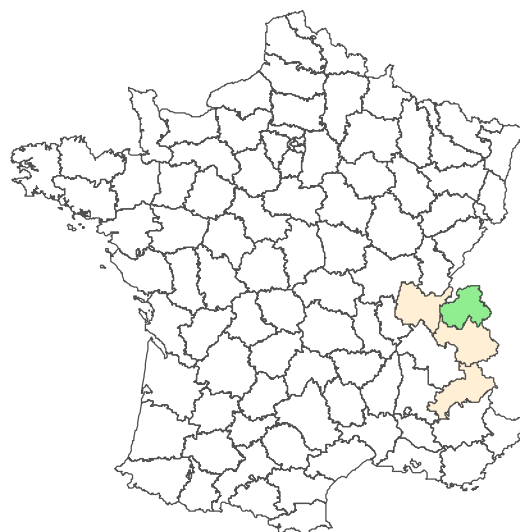
Lactation duration	Complete lactations						Reference lactations			
	Nb	%	Lactation duration days	Milk yield kg	True protein % g/kg	Fat % g/kg	Reference duration days	Milk yield kg	True protein % g/kg	Fat % g/kg
< 450 days	52	96.3	260	411	30.4	36.9	230	383	30.0	36.6
>= 450 days	2	3.7	573	1,132	33.1	43.0	230	567	30.6	40.3
Overall total	54	100	272	438	30.7	37.5		389	30.1	36.8



Results per breed

Breed **CHÈVRE DES SAVOIE** (French breed code: 47)

Geographical distribution of qualified lactations of Chèvre des Savoie breed

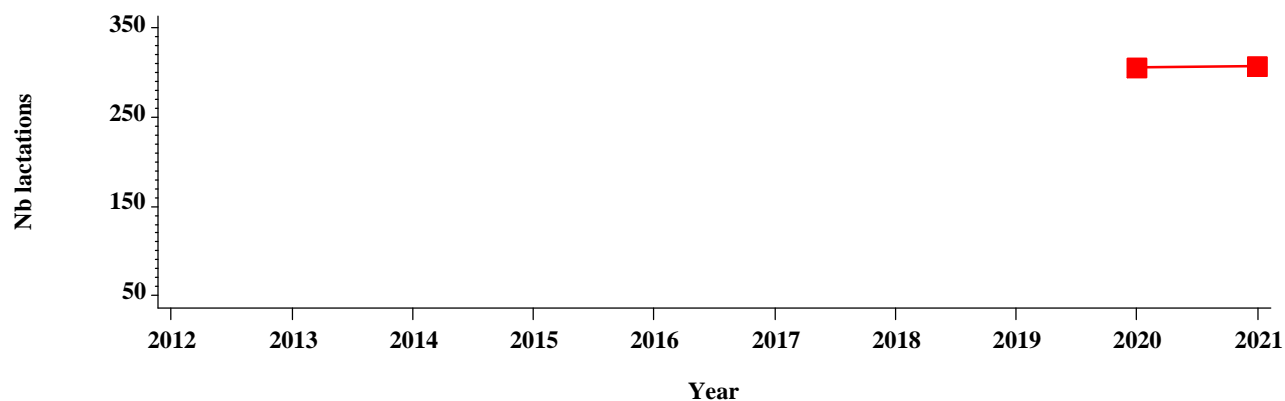


	First lactations	Lactations 2 and over	All lactations	Number of herds for Chèvre des Savoie breed*
Number of lactations	75	232	307	14
Lactation duration <i>days</i>	209	261	248	
Milk yield <i>kg</i>	294	533	475	
True protein content <i>kg</i>	8.6	15.1	13.5	
True protein % <i>g/kg</i>	29.4	28.3	28.5	
Fat content <i>kg</i>	10.6	18.1	16.3	
Fat % <i>g/kg</i>	36.0	33.9	34.2	

* Any herd having at least one goat from this breed is taken into account in these figures.

Parity	1	2	3	4	5	6	7	8 and over
% total goats	24.4	25.1	13.0	16.3	4.2	6.2	4.9	5.9

Evolution of the number of qualified lactations of Chèvre des Savoie breed



Breed CHÈVRE DES SAVOIE (cont.)

Results according to parity and month of kidding

Month of kidding	First lactations						Lactations 2 and over					
	Lactations		Lactation duration	Milk yield	True protein %	Fat %	Lactations		Lactation duration	Milk yield	True protein %	Fat %
	Nb	%	days	kg	g/kg	g/kg	Nb	%	days	kg	g/kg	g/kg
August												
September												
October							27	11.6	287	485	30.3	34.9
November							28	12.1	272	426	29.8	36.9
December	3	4.0	275	390	29.3	34.4	9	3.9	258	376	28.0	34.4
January	8	10.7	241	388	28.5	35.9	44	19.0	268	536	28.8	33.3
February	28	37.3	213	313	28.7	33.6	98	42.2	255	593	27.5	33.5
March	28	37.3	197	265	29.9	38.0	25	10.8	239	521	27.9	33.4
April	6	8.0	191	211	32.9	42.1	1	0.4	231	524	28.5	31.9
May	2	2.7	134	162	31.2	36.5						
June												
July												
Overall total	75	100	209	294	29.4	36.0	232	100	261	533	28.3	33.9

Distribution of primiparous per age at kidding

Age at 1st kidding	Complete lactations						Reference lactations			
	Nb	%	Lactation duration days	Milk yield kg	True protein % g/kg	Fat % g/kg	Reference duration days	Milk yield kg	True protein % g/kg	Fat % g/kg
>= 330 et < 365 days	3	4.0	262	337	29.0	36.8	150	252	28.6	36.6
>= 365 et < 420 days	36	48.0	225	318	28.9	34.0	150	238	28.4	33.7
>= 420 days	31	41.3	185	254	30.1	38.8	150	201	29.8	38.8
Age unknown	5	6.7	209	343	29.8	36.0	150	248	29.1	34.7
Overall total	75	100	209	294	29.4	36.0		224	29.0	35.8

Distribution of primiparous per lactation duration

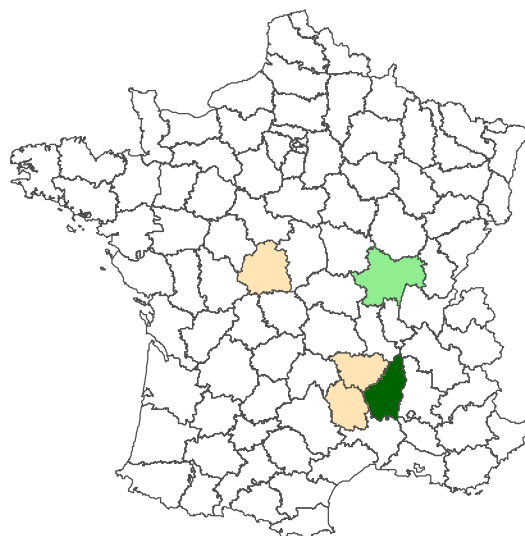
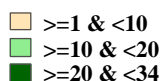
Lactation duration	Complete lactations						Reference lactations			
	Nb	%	Lactation duration days	Milk yield kg	True protein % g/kg	Fat % g/kg	Reference duration days	Milk yield kg	True protein % g/kg	Fat % g/kg
< 450 days	75	100	209	294	29.4	36.0	150	224	29.0	35.8
Overall total	75	100	209	294	29.4	36.0		224	29.0	35.8



Résultats per breed

Breed MASSIF CENTRAL (French breed code: 45)

Geographical distribution of qualified lactations of Massif Central breed



	First lactations	Lactations 2 and over	All lactations	Number of herds for Massif Central breed*
Number of lactations	14	36	50	5
Lactation duration <i>days</i>	259	279	273	
Milk yield <i>kg</i>	336	513	463	
True protein content <i>kg</i>	9.7	14.6	13.2	
True protein % <i>g/kg</i>	28.9	28.5	28.5	
Fat content <i>kg</i>	12.5	18.8	17.0	
Fat % <i>g/kg</i>	37.2	36.6	36.8	

* Any herd having at least one goat from this breed is taken into account in these figures.

Parity	1	2	3	4	5	Total
Number of lactations	14	14	6	15	1	50



IV - RESULTS PER REGION

4.1 - Detailed results

Region	Lactations		Lactation duration <i>days</i>	Milk yield <i>kg</i>	True protein content <i>kg</i>	True protein % <i>g/kg</i>	Fat content <i>kg</i>	Fat % <i>g/kg</i>
	<i>Nb</i>	<i>%</i>						
Alsace	747	0.3	299	688	22.4	32.5	25.0	36.4
Aquitaine	7,168	3.0	312	944	31.9	33.8	35.0	37.1
Auvergne	2,380	1.0	281	885	30.2	34.1	34.4	38.8
Basse Normandie	1,043	0.4	299	971	33.1	34.1	35.7	36.8
Bourgogne	4,111	1.7	303	798	26.7	33.5	30.6	38.3
Bretagne	6,895	2.9	333	999	33.4	33.4	36.6	36.7
Centre	24,114	10.2	326	973	33.4	34.3	37.3	38.3
Franche Comté	127	0.1	254	452	14.8	32.8	15.5	34.2
Haute Normandie	132	0.1	356	1,201	40.9	34.0	48.4	40.3
Ile de France	504	0.2	281	766	25.8	33.6	27.5	35.9
Languedoc Roussillon	3,794	1.6	316	838	28.5	34.0	31.1	37.1
Limousin	2,537	1.1	296	820	27.7	33.8	31.6	38.6
Lorraine	813	0.3	276	857	28.4	33.1	33.0	38.5
Midi-Pyrénées	32,858	13.9	313	938	31.5	33.6	34.3	36.6
Nord-Pas de Calais	61	0.0	242	622	21.9	35.2	24.5	39.4
Pays de la Loire	51,394	21.8	319	1,045	34.8	33.4	40.3	38.6
Poitou-Charentes	62,610	26.6	335	1,089	36.6	33.6	40.9	37.6
Provence Alpes Cote d'Azur	2,118	0.9	269	762	25.4	33.4	28.4	37.3
Rhône Alpes	32,372	13.7	313	896	29.7	33.1	33.4	37.3

4.2 - Kidding distribution per month (in % of the total of lactations for the region)

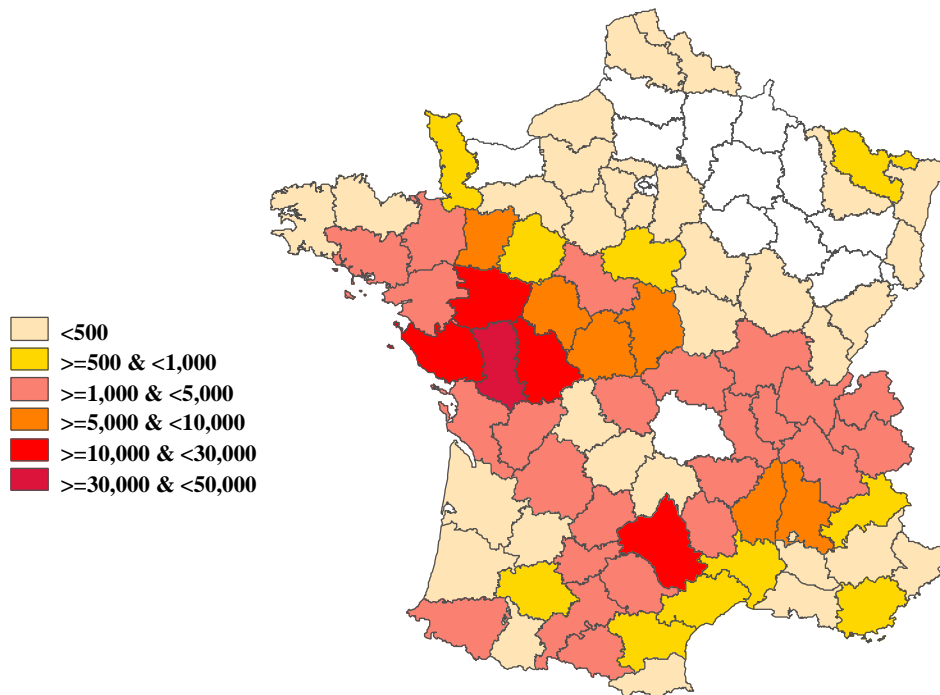
Region	Month of kidding											
	08	09	10	11	12	01	02	03	04	05	06	07
Alsace			15.5	6.3	1.5	18.7	36.5	16.9	2.0	2.1	0.3	0.1
Aquitaine	2.6	16.2	4.5	2.4	0.8	12.0	32.2	20.7	4.5	2.1	1.9	0.1
Auvergne	4.3	33.0	5.5	0.3	0.2	3.2	26.7	16.8	8.9	0.7	0.1	0.4
Basse Normandie	8.6	12.3	6.4	1.5		1.8	20.3	35.4	12.3	1.2	0.2	
Bourgogne	0.4	8.1	16.3	3.3	1.5	13.8	30.7	19.0	5.4	0.8	0.1	0.6
Bretagne	3.6	3.5	0.5	1.2	2.0	9.3	33.6	27.2	14.2	4.0	0.6	0.1
Centre	3.7	24.8	13.0	5.2	1.6	7.8	16.8	16.6	7.3	2.0	0.8	0.4
Franche Comté		7.9				1.6	37.0	47.2	3.9	1.6		0.8
Haute Normandie	19.7	5.3				5.3	19.7	16.7	3.0	1.5	21.2	7.6
Ile de France						32.7	32.5	25.0	8.1	1.0	0.6	
Languedoc Roussillon	6.8	4.5	7.2	2.8	0.1	7.6	32.1	26.1	9.7	2.6	0.6	0.0
Limousin	0.2	13.8	13.8	0.7		8.5	40.4	17.9	4.2	0.4		0.0
Lorraine		9.2	3.3	0.6		2.3	28.8	46.9	7.7	0.4	0.5	0.2
Midi-Pyrénées	2.4	14.2	13.9	4.9	2.0	21.9	23.7	12.9	3.0	0.8	0.1	0.0
Nord-Pas de Calais			24.6	16.4		1.6	29.5	21.3	4.9		1.6	
Pays de la Loire	1.8	8.5	1.8	0.7	0.3	27.3	39.0	17.0	2.8	0.6	0.1	0.0
Poitou-Charentes	2.7	19.4	9.2	6.0	1.6	18.7	26.8	12.5	2.5	0.4	0.1	0.1
Provence Alpes Cote d'Azur	1.9	12.4	3.9	0.0	0.1	9.1	47.6	21.2	2.7	0.6	0.3	0.1
Rhône Alpes	3.8	17.6	11.0	4.7	1.9	18.1	27.2	12.1	2.3	0.7	0.4	0.2



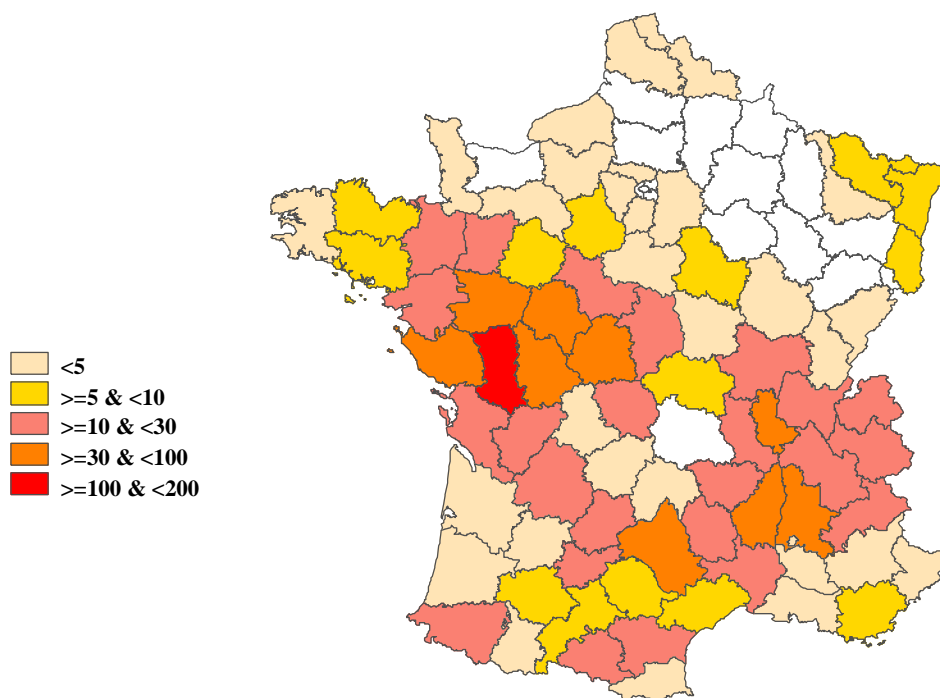
V - RESULTATS PER LOCAL AREA (= FRENCH « DÉPARTEMENT »)

5.1 - Geographical distributions

Distribution of qualified lactations



Herd distribution (counted up with qualified lactations)



5.2 - Detailed results per local area

Local area ¹		Number of herds	Number of lactations	Average number of goats per herd	Lactation duration days	Milk yield kg	True protein % g/kg	Fat % g/kg
01	Ain	16	1,225	77	275	694	33.0	37.9
03	Allier	7	1,111	159	267	808	34.5	39.1
04	Alpes Hte Provence	4	450	113	276	766	32.5	36.3
05	Hautes Alpes	10	720	72	283	817	33.5	39.1
06	Alpes Maritimes	1	90	90				
07	Ardèche	74	8,984	121	314	915	32.9	37.3
09	Ariège	10	1,493	149	301	864	34.7	39.3
11	Aude	10	510	51	258	606	34.2	36.3
12	Aveyron	89	20,462	230	317	966	33.7	36.8
13	Bouches du Rhône	2	118	59				
15	Cantal	3	209	70	348	1,079	35.3	39.8
16	Charente	23	4,562	198	327	1,041	34.1	37.3
17	Charente Maritime	15	1,285	86	310	895	32.5	36.1
18	Cher	36	5,262	146	299	841	34.3	38.5
19	Corrèze	3	278	93	292	816	32.2	33.3
21	Côte d'Or	1	28	28				
22	Côtes d'Armor	7	374	53	308	819	34.3	35.9
23	Creuse	11	1,810	165	302	856	34.2	39.9
24	Dordogne	27	4,580	170	310	936	33.8	37.7
25	Doubs	3	114	38	277	492	32.8	34.2
26	Drôme	50	7,439	149	317	950	33.2	36.7
27	Eure	2	116	58				
28	Eure & Loir	6	290	48	295	1,073	34.0	37.9
29	Finistère	2	241	121				
30	Gard	11	557	51	381	1,057	34.0	36.7
31	Haute Garonne	8	1,172	147	312	833	33.5	37.1
32	Gers	9	845	94	299	894	32.3	35.6
33	Gironde	2	45	23				
34	Hérault	7	641	92	292	775	34.0	38.0
35	Ille & Vilaine	24	4,728	197	347	1,075	33.4	36.4
36	Indre	60	7,052	118	336	960	34.1	38.0
37	Indre & Loire	61	9,038	148	331	1,034	34.5	38.9
38	Isère	41	2,785	68	304	915	33.7	36.8
39	Jura	2	13	7				
40	Landes	2	83	42				
41	Loir & Cher	22	1,917	87	352	1,120	34.4	36.7
42	Loire	32	3,594	112	323	968	33.0	37.7
43	Haute Loire	15	1,060	71	284	928	33.5	38.4
44	Loire Atlantique	15	3,267	218	297	874	32.5	36.6
45	Loiret	2	555	278				
46	Lot	22	3,890	177	306	855	33.4	34.7
47	Lot & Garonne	4	294	74	428	1,383	35.0	38.5
48	Lozère	23	1,898	83	330	895	34.1	37.0
49	Maine & Loire	67	18,377	274	320	1,080	33.9	39.4
50	Manche	4	744	186	307	942	33.7	37.0
53	Mayenne	24	5,481	228	318	930	34.0	39.4
54	Meurthe & Moselle	2	207	104				
56	Morbihan	9	1,552	172	307	880	33.5	38.0

¹Durations, milk yields and fat and true protein rates are mentioned only for local areas that count up a least 3 herds.



Detailed results per local area (cont.)

Local area ¹	Number of herds	Number of lactations	Average number of goats per herd	Lactation duration days	Milk yield kg	True protein ‰ g/kg	Fat ‰ g/kg
57 Moselle	7	606	87	274	859	33.3	38.5
58 Nièvre	1	240	240				
59 Nord	1	27	27				
61 Orne	3	299	100	277	1,042	35.1	36.2
62 Pas de Calais	1	34	34				
64 Pyrénées Atlantiques	19	2,166	114	305	934	33.7	35.6
65 Hautes Pyrénées	1	138	138				
66 Pyrénées Orientales	4	188	47	230	450	32.9	38.5
67 Bas Rhin	6	256	43	299	722	32.8	37.3
68 Haut Rhin	7	491	70	299	670	32.4	35.9
69 Rhône	55	4,872	89	312	850	33.3	38.1
71 Saône & Loire	41	3,458	84	298	778	33.1	38.6
72 Sarthe	7	868	124	317	909	33.1	39.3
73 Savoie	23	1,154	50	340	838	32.9	36.5
74 Haute Savoie	40	2,319	58	305	748	33.4	37.9
76 Seine Maritime	1	16	16				
77 Seine & Marne	2	140	70				
78 Yvelines	1	119	119				
79 Deux Sèvres	181	46,107	255	335	1,095	33.5	37.5
81 Tarn	5	1,596	319	304	907	33.2	36.9
82 Tarn & Garonne	10	3,262	326	314	960	33.6	35.2
83 Var	7	506	72	254	607	33.8	35.5
84 Vaucluse	3	234	78	257	967	34.0	37.8
85 Vendée	88	23,401	266	320	1,072	32.9	38.0
86 Vienne	53	10,656	201	340	1,104	33.9	38.1
87 Haute Vienne	3	449	150	271	677	33.2	35.9
89 Yonne	5	385	77	321	901	34.5	37.7
91 Essonne	1	68	68				
95 Val d'Oise	1	177	177				

¹Durations, milk yields and fat and true protein rates are mentioned only for local areas that count up a least 3 herds.



5.3 - Distribution of milk recording protocols per local area

Local area		Milk recording protocol						Total lactations	
		A %	AC %	AT %	AY %	AZ %	CY %		CZ %
01	Ain	21.0	79.0					1,225	
03	Allier		83.9	16.1				1,111	
04	Alpes Hte Provence	29.6	67.3	3.1				450	
05	Hautes Alpes		89.9	10.1				720	
06	Alpes Maritimes	100						90	
07	Ardèche	4.2	88.5	7.2				8,984	
09	Ariège			100				1,493	
11	Aude	56.5		43.5				510	
12	Aveyron		89.3	10.7				20,462	
13	Bouches du Rhône		92.4	7.6				118	
15	Cantal			100				209	
16	Charente	22.9	9.7	67.4				4,562	
17	Charente Maritime	3.8	37.8				56.0	2.3	1,285
18	Cher	55.9	34.6	9.5				5,262	
19	Corrèze		99.6	0.4				278	
21	Côte d'Or	100						28	
22	Côtes d'Armor	38.5	9.9	51.6				374	
23	Creuse	53.4	39.0		7.6			1,810	
24	Dordogne	5.2	39.6	55.3				4,580	
25	Doubs	100						114	
26	Drôme	2.6	89.3	8.1				7,439	
27	Eure	100						116	
28	Eure & Loir	100						290	
29	Finistère	100						241	
30	Gard		31.1	68.9				557	
31	Haute Garonne		9.0	91.0				1,172	
32	Gers			100				845	
33	Gironde			100				45	
34	Hérault			100				641	
35	Ille & Vilaine	5.4	25.0		69.6			4,728	
36	Indre	48.6	42.0	9.4		0.0		7,052	
37	Indre & Loire	55.9	0.0		1.4	0.5	39.5	2.7	9,038
38	Isère	30.1	64.6	5.4				2,785	
39	Jura	100						13	
40	Landes			100				83	
41	Loir & Cher	97.4		1.0			1.6	1,917	
42	Loire	8.7	91.1	0.2				3,594	
43	Haute Loire		90.8	9.2				1,060	
44	Loire Atlantique	2.4	23.0	19.3			55.2	3,267	
45	Loiret				100			555	
46	Lot			100				3,890	
47	Lot & Garonne			100				294	
48	Lozère	3.2	39.9	56.9				1,898	
49	Maine & Loire	17.8	17.9	10.1	2.4	0.0	36.9	14.9	18,377
50	Manche		12.9		87.1			744	
53	Mayenne	14.2	9.7	14.1			27.8	34.3	5,481
54	Meurthe & Moselle	100						207	
56	Morbihan	71.9	24.2	3.7		0.1		1,552	
57	Moselle	67.3	32.7					606	
58	Nièvre	100						240	



5.3 - Distribution of milk recording protocols per local area

Local area		Milk recording protocol						Total lactations	
		A	AC	AT	AY	AZ	CY		CZ
		%	%	%	%	%	%	%	
59	Nord	100							27
61	Orne	73.6	22.7	3.7					299
62	Pas de Calais	100							34
64	Pyrénées Atlantiques			100					2,166
65	Hautes Pyrénées			100					138
66	Pyrénées Orientales	58.5		41.5					188
67	Bas Rhin	100							256
68	Haut Rhin	100							491
69	Rhône	9.3	82.9	7.8					4,872
71	Saône & Loire	26.9	65.7	7.4					3,458
72	Sarthe	10.0	18.7		10.6		40.0	20.7	868
73	Savoie	60.5		39.5					1,154
74	Haute Savoie	62.1	3.8	34.1					2,319
76	Seine Maritime	100							16
77	Seine & Marne	81.4	18.6						140
78	Yvelines	100							119
79	Deux Sèvres	29.1	0.0	1.5	0.2	1.7	65.1	2.4	46,107
81	Tarn		98.9	1.1					1,596
82	Tarn & Garonne		84.9	15.1					3,262
83	Var	22.5	77.5						506
84	Vaucluse		49.1	50.9					234
85	Vendée	1.6	19.5	19.2			50.6	9.1	23,401
86	Vienne	34.1	7.8	54.2			3.9		10,656
87	Haute Vienne			100					449
89	Yonne	18.4		13.5	68.1				385
91	Essonne			100					68
95	Val d'Oise	100							177
Overall total		20.5	31.7	17.4	2.4	0.4	24.2	3.5	235,778



5.4 - Lactations (complete and reference) per breed and local area

Local area	Breed ¹	Number of herds	Number of lactations	Complete lactations				Reference lactations			
				Lactation duration <i>days</i>	Milk yield <i>kg</i>	Fat % <i>g/kg</i>	True protein % <i>g/kg</i>	Reference duration <i>days</i>	Milk yield <i>kg</i>	Fat % <i>g/kg</i>	True protein % <i>g/kg</i>
Ain	Saanen	6	192	256	653	35.4	31.5	250	619	35.2	31.2
	Alpine	14	854	293	711	38.5	33.4	250	632	38.1	32.8
	Crossbred	10	151	280	666	37.6	32.9	250	604	37.5	32.5
Allier	Saanen	3	221	138	345	38.6	33.4	250	310	38.4	33.0
	Alpine	6	773	314	930	39.2	34.7	250	777	39.0	34.4
	Crossbred	4	117	309	873	38.5	34.3	250	700	38.6	34.2
Alpes Hte Provence	Saanen	1	219								
	Alpine	3	230	276	703	37.0	33.1	250	675	36.7	32.7
Hautes Alpes	Saanen	5	137	288	733	37.7	32.3	250	636	37.5	32.2
	Alpine	9	551	307	847	39.6	33.9	250	690	39.0	33.1
Alpes Maritimes	Alpine	1	90								
Ardèche	Saanen	49	5,227	322	931	36.8	32.4	250	776	36.6	32.2
	Alpine	45	3,287	311	913	38.3	33.6	250	795	37.9	33.1
	Crossbred	28	433	298	780	36.5	32.3	250	699	36.3	32.0
Ariège	Saanen	5	108	269	759	35.1	33.8	250	680	34.6	33.4
	Alpine	10	1,287	304	875	39.6	34.8	250	743	39.3	34.4
	Crossbred	5	87	308	852	39.8	34.1	250	693	39.0	33.5
Aude	Saanen	3	55	253	604	36.2	31.9	250	594	36.1	31.7
	Alpine	10	400	257	598	36.5	34.9	250	577	36.1	34.5
	Crossbred	3	55	261	672	35.2	32.2	250	665	35.2	32.1
Aveyron	Saanen	45	5,634	311	893	35.4	32.7	250	783	35.2	32.4
	Alpine	73	14,421	318	995	37.3	34.0	250	861	36.9	33.6
	Crossbred	47	403	322	931	36.4	33.7	250	788	36.2	33.3
Bouches du Rhône	Alpine	2	116	285	944	35.9	33.9	250	869	35.7	33.6
Cantal	Saanen	3	103	361	1,109	38.5	34.3	250	841	38.3	34.0
	Alpine	1	106								
Charente	Saanen	9	1,295	328	1,071	35.2	32.4	250	871	34.6	31.8
	Alpine	20	3,162	326	1,027	38.3	34.7	250	846	37.9	34.3
	Crossbred	12	103	350	1,106	36.6	34.0	250	843	35.8	33.2
Charente Maritime	Saanen	11	1,101	319	927	36.0	32.4	250	740	35.2	31.7
	Alpine	11	145	275	728	37.4	33.1	250	653	37.0	32.8
Cher	Saanen	5	535	338	1,042	38.0	34.3	250	765	38.3	34.4
	Alpine	34	4,678	301	819	38.6	34.3	250	704	38.4	33.9
	Crossbred	10	41	285	811	38.1	33.7	250	736	37.8	33.2

¹Durations, milk yields and fat and true protein rates are mentioned only for breeds that count up a least 40 lactations in at least 2 herds within the local area.



Lactations (complete and reference) per breed and local area (cont.)

Local area	Breed ¹	Number of herds	Number of lactations	Complete lactations				Reference lactations			
				Lactation duration days	Milk yield kg	Fat % g/kg	True protein % g/kg	Reference duration days	Milk yield kg	Fat % g/kg	True protein % g/kg
Corrèze	Alpine	3	277	291	816	33.3	32.2	250	777	33.1	31.9
Côtes d'Armor	Alpine	6	306	312	890	36.1	34.6	250	765	35.8	34.0
	Poitevine	2	41	286	478	36.1	31.3	230	427	35.3	30.6
Creuse	Saanen	6	444	311	762	38.5	33.3	250	675	37.9	32.7
	Alpine	9	1,329	317	888	40.3	34.4	250	744	39.9	33.8
Dordogne	Saanen	10	726	299	955	35.2	32.5	250	850	35.0	32.1
	Alpine	24	3,768	311	934	38.2	34.0	250	812	38.1	33.6
	Crossbred	8	80	306	844	36.0	34.1	250	714	35.8	33.4
Doubs	Alpine	3	84	277	465	33.0	33.8	250	447	32.7	33.4
Drôme	Saanen	41	5,183	326	971	36.1	33.0	250	798	36.2	32.7
	Alpine	23	1,736	315	944	38.1	34.1	250	818	37.9	33.7
	Crossbred	23	484	289	779	38.0	32.6	250	706	37.8	32.3
Eure	Alpine	2	48	420	1,207	41.5	34.4	250	713	39.9	33.1
	Crossbred	1	43								
Eure & Loir	Alpine	6	286	320	1,078	37.9	34.0	250	929	37.3	33.3
Finistère	Alpine	2	239	279	552	37.8	31.8	250	536	37.8	31.6
Gard	Saanen	4	59	502	1,382	35.3	33.1	250	724	35.4	32.5
	Alpine	10	455	380	1,036	37.0	34.2	250	727	35.7	32.5
	Crossbred	5	43	326	829	34.9	33.3	250	685	34.4	32.1
Haute Garonne	Saanen	5	708	340	910	38.0	32.6	250	670	38.3	32.3
	Alpine	7	437	301	714	35.0	35.3	250	601	34.5	34.5
Gers	Saanen	4	536	313	1,009	35.0	31.8	250	867	34.7	31.2
	Alpine	8	270	278	695	37.2	33.7	250	640	37.0	33.3
Gironde	Alpine	2	43	244	436	29.7	27.4	250	409	29.5	27.2
Hérault	Saanen	1	55								
	Alpine	7	573	296	820	38.2	34.1	250	720	37.8	33.6
Ille & Vilaine	Saanen	14	1,167	376	1,154	36.0	33.1	250	792	35.5	32.4
	Alpine	19	3,407	341	1,052	36.5	33.5	250	837	35.5	32.6
	Crossbred	15	154	338	980	36.4	33.6	250	786	35.3	32.7
Indre	Saanen	49	2,702	351	987	37.3	33.4	250	735	36.9	32.9
	Alpine	53	3,392	337	934	38.5	34.7	250	729	38.1	34.1
	Crossbred	41	957	362	977	38.0	34.3	250	699	37.5	33.6

¹Durations, milk yields and fat and true protein rates are mentioned only for breeds that count up a least 40 lactations in at least 2 herds within the local area.



Lactations (complete and reference) per breed and local area (cont.)

Local area	Breed ¹	Number of herds	Number of lactations	Complete lactations				Reference lactations			
				Lactation duration <i>days</i>	Milk yield <i>kg</i>	Fat % <i>g/kg</i>	True protein % <i>g/kg</i>	Reference duration <i>days</i>	Milk yield <i>kg</i>	Fat % <i>g/kg</i>	True protein % <i>g/kg</i>
Indre & Loire	Saanen	39	1,221	360	1,084	37.8	33.6	250	772	37.2	33.0
	Alpine	51	7,392	346	1,030	39.1	34.6	250	780	38.4	33.8
	Crossbred	34	423	371	975	39.1	34.2	250	700	38.0	33.2
Isère	Saanen	14	678	343	1,080	35.5	33.1	250	804	35.0	32.5
	Alpine	33	1,830	310	897	37.3	34.0	250	759	37.0	33.2
	Crossbred	10	275	279	636	37.8	32.5	250	574	37.8	32.4
Landes	Alpine	1	45								
Loir & Cher	Saanen	11	839	431	1,271	36.0	35.0	250	800	35.7	34.4
	Alpine	17	974	381	983	37.3	33.8	250	674	36.4	32.7
	Crossbred	6	104	390	1,193	38.6	34.2	250	809	37.6	33.4
Loire	Saanen	22	1,927	348	1,073	36.9	32.8	250	831	36.5	32.2
	Alpine	15	1,558	309	866	38.9	33.2	250	749	38.6	32.6
	Crossbred	5	85	286	593	38.1	31.8	250	562	38.0	31.6
Haute Loire	Saanen	9	419	264	799	37.5	33.4	250	678	36.9	32.8
	Alpine	10	623	310	1,024	38.8	33.6	250	873	38.4	33.2
Loire Atlantique	Saanen	3	1,000	307	1,050	36.4	32.5	250	929	36.0	32.1
	Alpine	14	2,254	292	795	36.8	32.5	250	741	36.5	32.1
Loiret	Alpine	2	554	300	823	36.1	32.7	250	760	35.9	32.4
Lot	Saanen	9	812	314	887	31.8	32.7	250	769	31.3	32.4
	Alpine	20	2,985	308	849	35.6	33.6	250	751	35.1	33.2
	Crossbred	9	79	292	834	33.9	33.6	250	769	33.3	33.4
Lot & Garonne	Saanen	1	141								
	Alpine	3	153	433	1,216	43.4	36.3	250	742	41.5	34.5
Lozère	Saanen	10	704	341	1,003	35.9	33.2	250	771	35.7	32.6
	Alpine	21	1,178	323	835	37.8	34.7	250	687	37.3	33.9
Maine & Loire	Saanen	18	2,861	337	1,137	37.6	33.0	250	914	37.2	32.4
	Alpine	58	15,287	319	1,070	39.8	34.1	250	916	39.3	33.4
	Crossbred	18	228	311	1,032	37.3	33.1	250	902	36.5	32.5
Manche	Saanen	1	96								
	Alpine	3	643	302	886	37.8	33.8	250	772	37.1	33.4
Mayenne	Saanen	7	1,004	288	779	38.5	33.0	250	668	38.3	32.7
	Alpine	22	4,410	324	966	39.6	34.2	250	807	38.8	33.5
	Crossbred	9	62	310	829	39.1	33.2	250	738	38.5	32.6

¹Durations, milk yields and fat and true protein rates are mentioned only for breeds that count up a least 40 lactations in at least 2 herds within the local area.



Lactations (complete and reference) per breed and local area (cont.)

Local area	Breed ¹	Number of herds	Number of lactations	Complete lactations				Reference lactations			
				Lactation duration <i>days</i>	Milk yield <i>kg</i>	Fat % <i>g/kg</i>	True protein % <i>g/kg</i>	Reference duration <i>days</i>	Milk yield <i>kg</i>	Fat % <i>g/kg</i>	True protein % <i>g/kg</i>
Meurthe & Moselle	Alpine	1	175								
Morbihan	Alpine	8	1,471	309	891	38.1	33.6	250	774	37.6	33.0
Moselle	Saanen	2	114	299	1,056	42.2	33.7	250	879	44.0	33.8
	Alpine	5	468	273	821	37.5	33.3	250	768	36.9	32.7
Nièvre	Alpine	1	240								
Orne	Alpine	3	278	330	1,034	36.1	35.0	250	826	35.3	33.9
Pyrénées Atlantiques	Saanen	6	131	286	908	33.3	31.9	250	852	32.9	31.6
	Alpine	19	2,027	306	936	35.7	33.8	250	830	35.3	33.3
Hautes Pyrénées	Alpine	1	138								
Pyrénées Orientales	Alpine	4	167	227	464	38.2	33.0	250	464	38.2	33.0
Bas Rhin	Alpine	5	195	304	744	37.8	33.4	250	590	37.4	32.4
Haut Rhin	Alpine	7	394	300	713	35.9	32.4	250	637	35.8	32.1
	Crossbred	4	92	291	490	35.7	31.9	250	465	35.4	31.4
Rhône	Saanen	29	2,150	323	900	35.9	32.5	250	750	35.7	32.1
	Alpine	44	2,603	325	812	40.3	34.1	250	676	39.7	33.3
	Crossbred	14	119	319	781	38.2	32.7	250	643	37.8	31.9
Saône & Loire	Saanen	8	475	303	739	35.5	31.8	250	641	35.0	31.4
	Alpine	37	2,769	309	793	39.1	33.3	250	683	38.8	32.7
	Crossbred	12	121	318	765	38.4	33.0	250	628	37.9	32.3
	Poitevine	3	80	254	551	36.6	30.7	230	525	36.5	30.5
Sarthe	Alpine	7	864	317	911	39.3	33.1	250	779	38.7	32.4
Savoie	Saanen	9	337	529	1,489	36.5	33.6	250	684	35.3	32.1
	Alpine	20	474	268	653	36.7	32.9	250	597	36.4	32.4
	Crossbred	12	214	258	441	36.4	30.9	250	430	36.4	30.8
	Chèvre des Savoie	6	74	260	415	35.0	29.2	150	305	33.5	28.6
Haute Savoie	Saanen	15	319	308	640	36.1	32.6	250	533	36.0	32.3
	Alpine	35	1,556	320	827	38.6	34.3	250	688	38.3	33.7
	Crossbred	11	142	276	667	37.8	31.0	250	626	37.7	30.7
	Chèvre des Savoie	6	229	266	495	34.0	28.3	150	342	34.0	28.0
Seine & Marne	Alpine	2	140	285	741	35.8	33.3	250	689	35.4	32.8
Yvelines	Alpine	1	83								

¹Durations, milk yields and fat and true protein rates are mentioned only for breeds that count up a least 40 lactations in at least 2 herds within the local area.



Lactations (complete and reference) per breed and local area (cont.)

Local area	Breed ¹	Number of herds	Number of lactations	Complete lactations				Reference lactations			
				Lactation duration <i>days</i>	Milk yield <i>kg</i>	Fat % <i>g/kg</i>	True protein % <i>g/kg</i>	Reference duration <i>days</i>	Milk yield <i>kg</i>	Fat % <i>g/kg</i>	True protein % <i>g/kg</i>
Deux Sèvres	Saanen	110	20,257	345	1,109	36.9	33.0	250	859	36.4	32.5
	Alpine	112	25,093	327	1,086	38.0	33.9	250	905	37.4	33.3
	Crossbred	52	704	351	1,073	37.5	33.4	250	830	36.5	32.6
	Poitevine	2	53	287	645	32.5	30.2	230	588	32.2	29.7
Tarn	Saanen	4	961	320	934	36.2	33.1	250	769	36.3	32.9
	Alpine	3	601	306	871	38.1	33.3	250	784	37.6	32.9
Tarn & Garonne	Saanen	8	167	320	1,039	33.4	32.5	250	925	32.7	32.3
	Alpine	10	3,022	312	954	35.2	33.7	250	831	34.6	33.3
	Crossbred	6	73	337	1,039	36.2	33.3	250	858	35.5	32.7
Var	Alpine	7	424	254	633	35.1	33.7	250	607	34.9	33.4
Vaucluse	Alpine	3	198	353	1,029	37.3	33.9	250	676	37.2	33.2
Vendée	Saanen	62	12,253	336	1,086	37.4	32.5	250	858	36.8	31.9
	Alpine	57	11,004	323	1,058	38.7	33.4	250	887	38.1	32.7
	Crossbred	25	138	313	1,020	36.6	32.0	250	877	36.2	31.7
Vienne	Saanen	36	4,922	352	1,157	37.2	33.0	250	868	36.8	32.6
	Alpine	36	5,146	332	1,066	39.0	34.8	250	853	38.7	34.2
	Crossbred	20	588	327	989	37.1	34.0	250	824	36.5	33.5
Haute Vienne	Saanen	3	366	270	704	36.0	33.1	250	660	35.5	32.7
	Alpine	3	63	272	552	34.7	34.2	250	534	34.4	34.0
Yonne	Alpine	4	301	337	970	38.4	35.3	250	796	37.3	34.4
	Poitevine	1	52								
Essonne	Alpine	1	68								
Val d'Oise	Alpine	1	177								

¹Durations, milk yields and fat and true protein rates are mentioned only for breeds that count up a least 40 lactations in at least 2 herds within the local area.



Collection
Résultats

Edité par :
l'Institut de l'Élevage

149 rue de Bercy
75595 Paris Cedex 12
www.idele.fr
May 2022

Dépôt légal :
2nd quarter 2022
© All rights reserved
at l'Institut de l'Élevage
Ref. 0022 201 005
ISSN 1773-4738



Milk recording results of goats France 2021

The number of qualified lactations is slightly increasing in 2021 to reach 235,778 lactations (+ 2.863 lactations, +1.2 %). At the same time, the number of flocks is slightly decreasing to reach 1,457 flocks (-1.1%). The two main breeds (Alpine and Saanen) represent henceforth 96.5% of the total of qualified lactations. The proportion of primiparous dairy goats is slightly increasing and reaches 36 % (+0.5%), confirming the trend observed since 2018 (+0.8% in 2019, +1.7% in 2020). The milk yield reach 992 Kg per lactation (+3Kg). The lactation duration is stable at 321 days, confirming the increase observed for a few years (298 days in 2014). Meanwhile true-protein and fat rates are still increasing and reaches respectively 33.6 g/Kg (+0.2) and 37.7 g/Kg (+0.1).

Contact :
gilles.thomas@idele.fr

May 2022
Réf. 0022 201 005
ISSN 1773-4738

Avec
la contribution
financière du compte
d'affectation spéciale
développement
agricole et rural
CASDAR



MINISTÈRE
DE L'AGRICULTURE
ET DE L'ALIMENTATION

Liberté
Égalité
Fraternité

www.idele.fr

