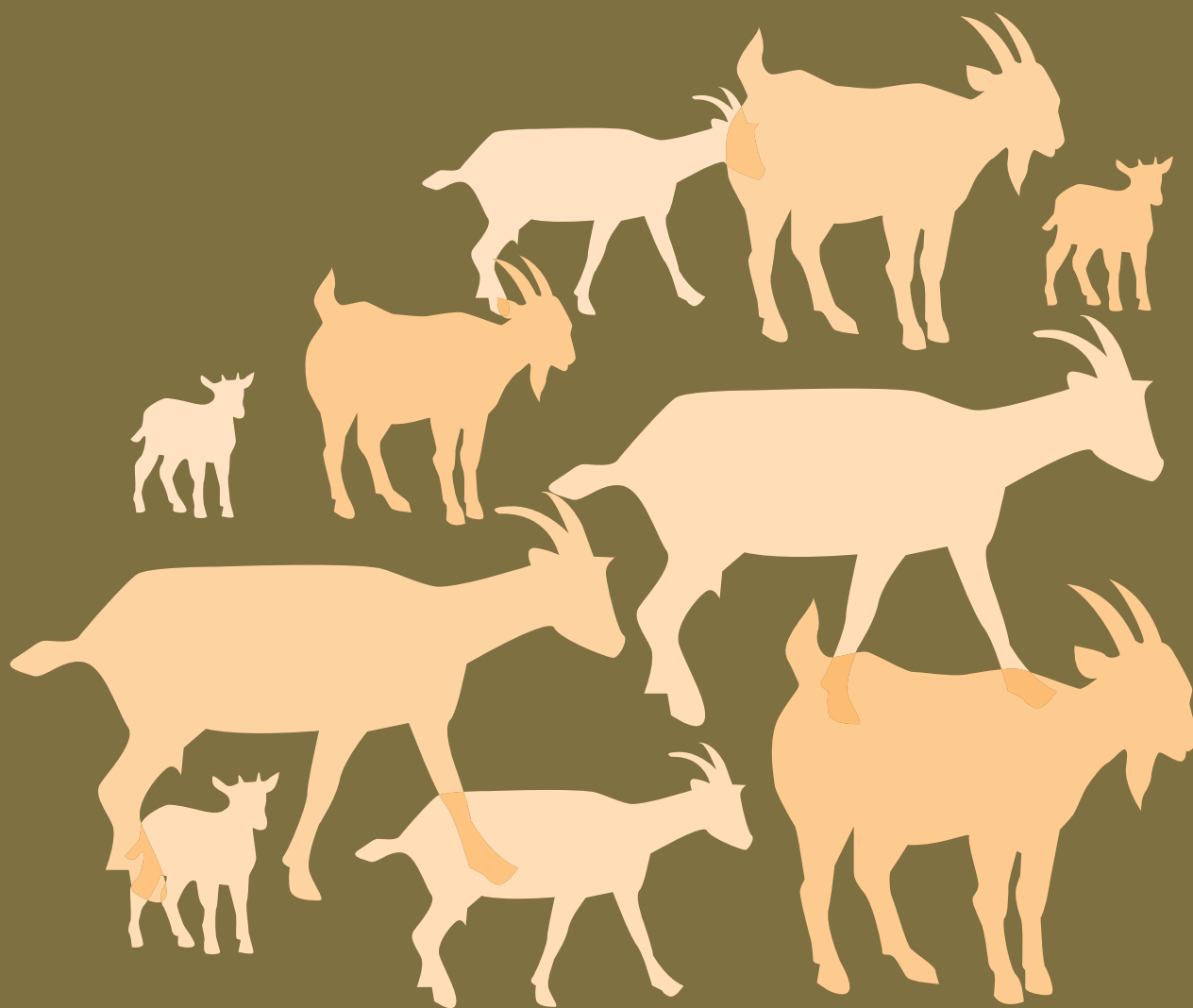




# Milk recording results of Goats France 2019



**Collection**  
**Résultats**

**Editor:**

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

**Editorial team:**

*People who contributed to the development of this document:*

*Calcul et analyses : Gilles Thomas [gilles.thomas@idele.fr](mailto:gilles.thomas@idele.fr)*

*Xavier Bourrigan [xavier.bourrigan@idele.fr](mailto:xavier.bourrigan@idele.fr)*

*avec la participation de Virginie Clément [virginie.clement@idele.fr](mailto:virginie.clement@idele.fr)*

*et d'Agnès Piacère [agnes.piacere@idele.fr](mailto:agnes.piacere@idele.fr)*

**Layout design:**

Gilles THOMAS

**Photo credits:**

*Goats : Institut de l'Elevage – CAPGENES – ADDCP -Association La chèvre de race Pyrénéenne  
Damien Hardy - la Chèvre*

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# *Milk recording results - Goats France – Year 2019*

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

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*People who contributed to the development of this document*

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

*Format and edition: Gilles Thomas [gilles.thomas@idele.fr](mailto:gilles.thomas@idele.fr)*

*Translation: Michèle Bousseley [michele.bousseley@idele.fr](mailto:michele.bousseley@idele.fr)  
and Gilles Thomas [gilles.thomas@idele.fr](mailto: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 2 March 2020).

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 2019.

**One lactation per « active » goat, the last terminated one,** is taken into account in the process (under condition of kidding date after January 1st, 2016). Because of the application of these conditions, the results presented in this report do not include lactations which are still on-going in 2019, and possibly or eventually terminated after 31DEC2019  
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 the day of kidding.

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

## Evolutions brought to the statistical results

The publication of the 2019 statistics presents the peculiarity of being in a pivotal period of evolution of the milk recording rules. For this reason they take into account lactations qualified according to different rules depending on their start date. Lactations started before August 1st, 2016 are qualified according to the old rules whereas those started after this date are qualified according to the new rules. Evolutions concern both an increase in the number of milk recording methods and an evolution of the no-qualification causes of the lactations.

Data processing has been revised to allow the use of qualified lactations according to the two rules.

For lactation started before August 1st, 2016, the old qualification rules apply with only 4 methods (A, AT, AZ and CZ) and 7 invalidation causes.

For lactations started after August 1st, 2016, the new lactation qualification rules apply with 6 methods (A, AC, AT, AZ, CY and CZ) and 4 invalidation causes.

Whatever the case, the milk recording rules specifies: *“When milk recording protocol changes for a herd, the on-going lactations are calculated and qualified according to the protocol which gives less accurate information.”*

This rule applies according to the following hierarchy A> AZ> CZ> AT for lactations started before August 1st, 2016 and A> AY / CY> AZ / CZ> AC> AT for lactations started after August 1st, 2016.



## Trends for 2019

The number of qualified lactations and the number of flocks are decreasing in 2019 to reach 249,579 lactations (-6,516 lactations -2.5%) and 1,492 flocks (-0.7%).

In 2019, the main dairy breeds (Alpine and Saanen) represented 96.7% of the overall total of qualified lactations.

The proportion of primiparous dairy goats is slightly increasing and reaches 33.8% (+0.8) confirming the trend observed the previous year.

With 963 Kg per lactation the milk yield is staying at a comparable level than the one observed in 2018 (-1Kg). This milk yield stability occurs in conjunction with a long lactation duration at 318 days, confirming the increase in lactation duration observed in 2018 that had reached 319 days (312 days in 2017).

Meanwhile true-protein and fat rates are increasing and reaches respectively 33.2 g/Kg (+0.2) and 37.5 g/Kg (+0.4).



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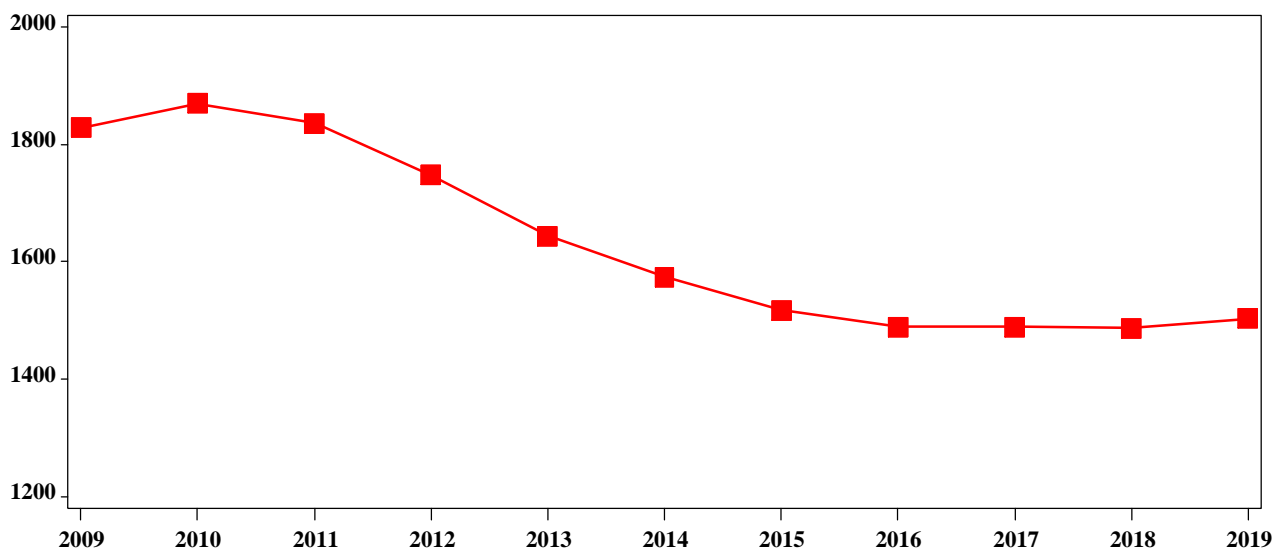


# I - NATIONAL RESULTS

## 1.1 - Overall milk recorded population

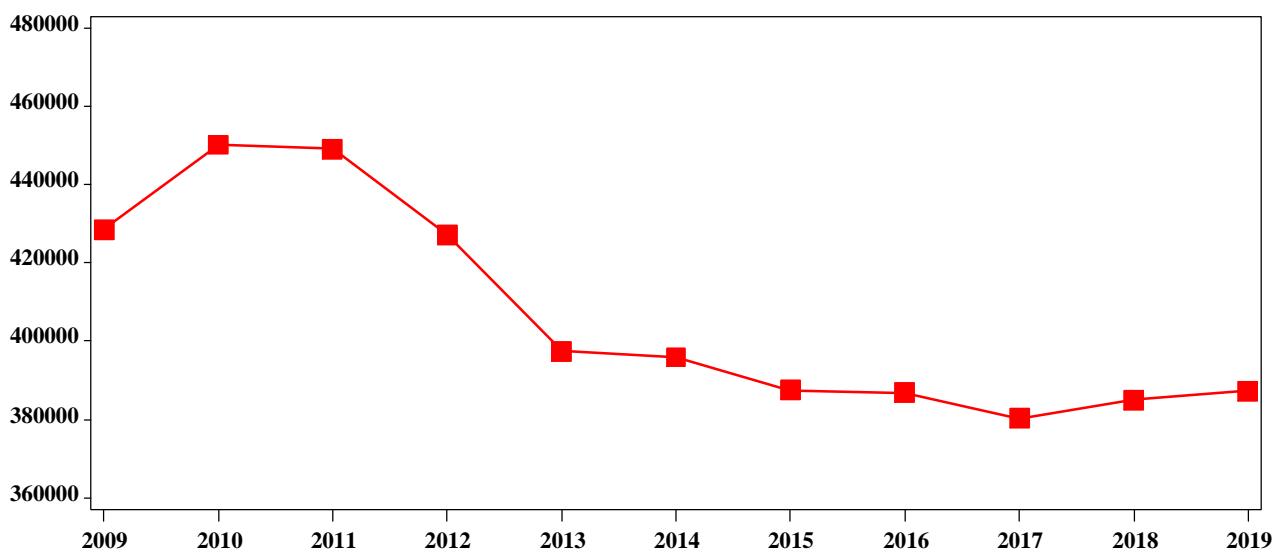
### 1.1.1 - Total number of active herds in 2019\*

1,503 herds



### 1.1.2 - Total number of active goats in 2019\*

387,288 goats



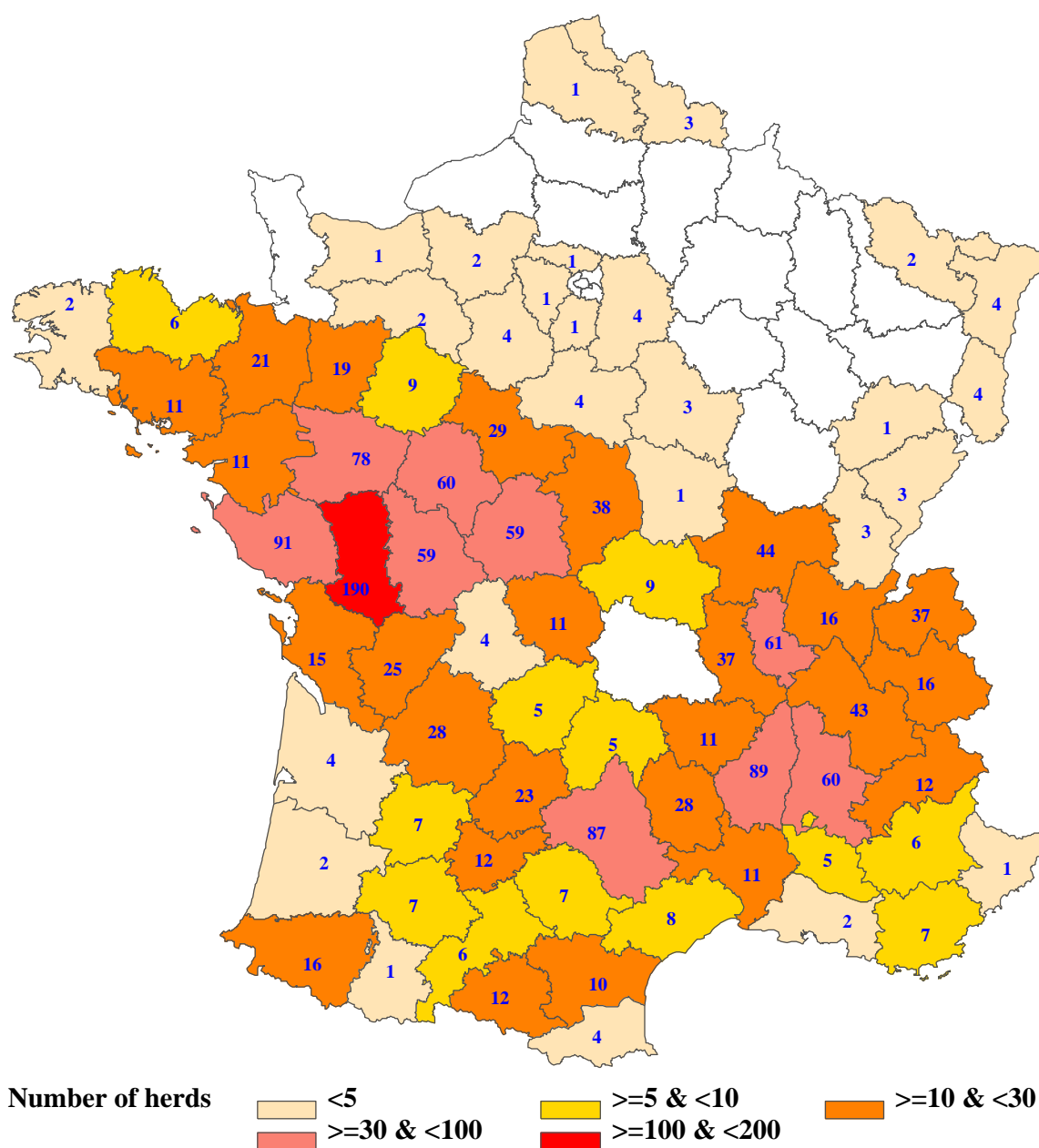
\* For information about how the number of « active herds » and « active goats » is calculated, refer to « Data processing » paragraph (cf. page 2).



## 1.2 - Terminated lactations

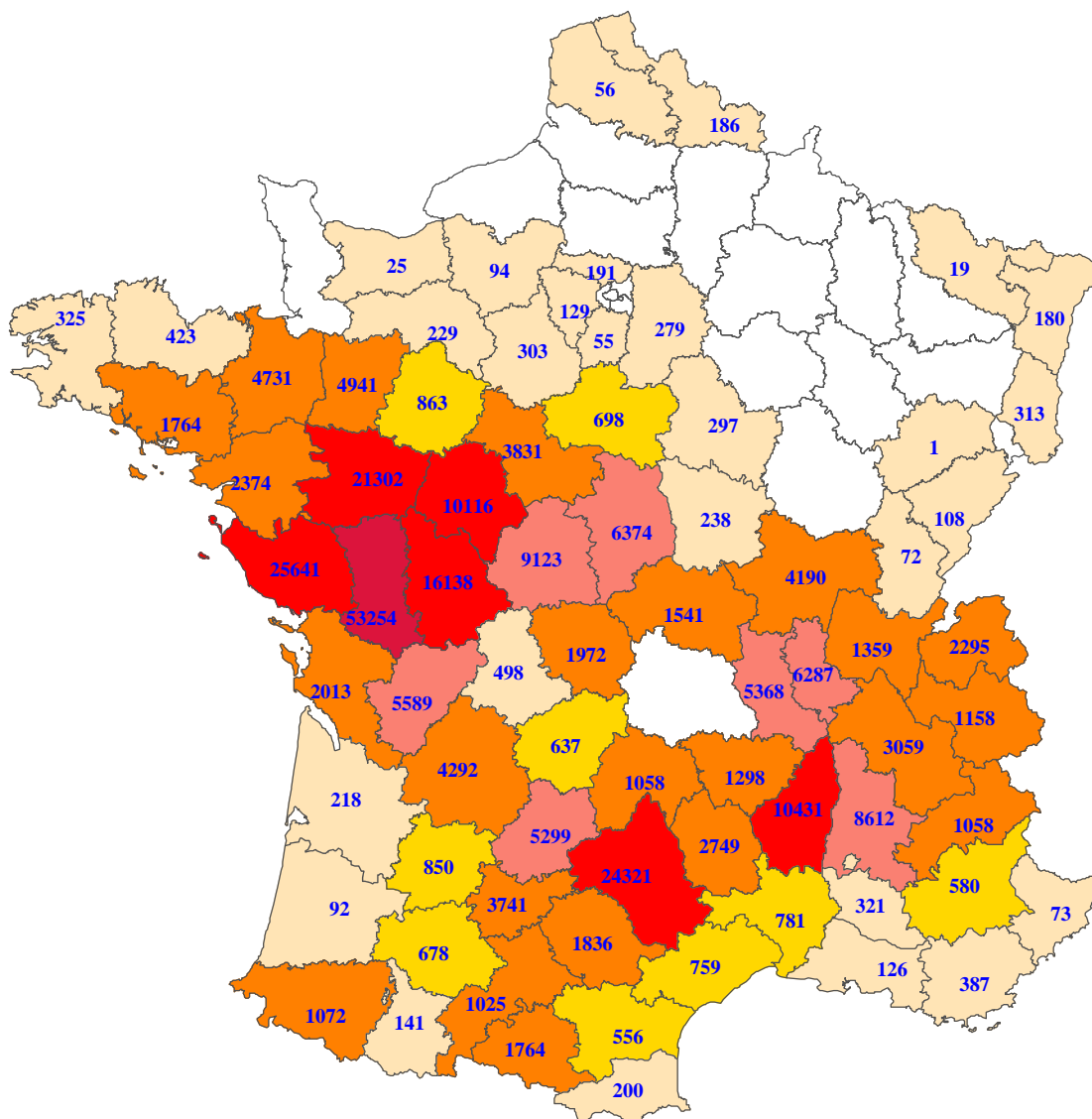
Total number of herds with terminated lactations	1,522
Total number of terminated lactations	274,956
Average number of terminated lactations per herd	180.7
Total number of herds with qualified lactations	1,492
Total number of herds with qualified lactations	249,579

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	
	2016		2017		2018		2019			
	Nb	%	Nb	%	Nb	%	Nb	%	Nb	%
2016	1,739	0.7	1,989	0.8	1,760	0.7	962	0.4	6,450	2.6
2017			1,416	0.6	16,561	6.6	6,116	2.5	24,093	9.7
2018					30,993	12.4	80,445	32.2	111,438	44.7
2019							107,598	43.1	107,598	43.1
<b>Total</b>	1,739	0.7	3,405	1.4	49,314	19.8	195,121	78.2	249,579	100

For example: 107,598 qualified lactations (that is to say 43.1 % of the overall total) match the following criteria: a calving date and a drying off date in 2019.

### 1.3.2 - Results of the campaign

Parity		First lactations	Lactations 2 and over	Overall total
Number of lactations	kg	84,458	165,121	249,579
Lactation duration	days	332	311	318
<b>Milk yield</b>	kg	<b>932</b>	<b>979</b>	<b>963</b>
True protein content	kg	31.1	32.4	32.0
<b>True protein ‰</b>	g/kg	<b>33.4</b>	<b>33.1</b>	<b>33.2</b>
Fat content	kg	36.0	36.2	36.1
<b>Fat ‰</b>	g/kg	<b>38.6</b>	<b>37.0</b>	<b>37.5</b>

## 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	<b>946</b>	30.6	<b>32.4</b>	34.7	<b>36.7</b>
2013	316,119	282,516	299	<b>907</b>	29.5	<b>32.6</b>	33.5	<b>36.9</b>
2014	306,246	274,541	298	<b>910</b>	29.8	<b>32.7</b>	33.4	<b>36.7</b>
2015	297,973	262,854	301	<b>925</b>	30.3	<b>32.7</b>	33.9	<b>36.7</b>
2016	298,734	264,040	303	<b>949</b>	31.2	<b>32.9</b>	35.1	<b>37.0</b>
2017	280,306	250,121	312	<b>953</b>	31.4	<b>33.0</b>	35.3	<b>37.0</b>
2018	283,232	256,095	319	<b>964</b>	31.8	<b>33.0</b>	35.8	<b>37.1</b>
2019	274,956	249,579	318	<b>963</b>	32.0	<b>33.2</b>	36.1	<b>37.5</b>



## 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	84,458	33.8	332	932	33.4	38.6
2	65,593	26.3	319	1,014	33.4	37.3
3	43,534	17.4	311	999	33.2	36.9
4	26,751	10.7	306	963	33.0	36.6
5	15,039	6.0	301	921	32.7	36.4
6	7,444	3.0	296	881	32.5	36.3
7	3,657	1.5	295	847	32.3	36.6
8 and over	3,103	1.2	289	751	32.0	36.6
<b>Overall total</b>	249,579	100	318	963	33.2	37.5

### 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	311	20.8	7,828	3.1	293	784	33.3	37.1
>=50 & <99	298	20.0	21,275	8.5	297	803	33.2	37.4
>=100 & <149	212	14.2	26,351	10.6	317	905	33.3	37.8
>=150 & <249	329	22.1	65,325	26.2	317	954	33.3	37.6
>=250 & <499	295	19.8	99,107	39.7	326	1,017	33.2	37.4
>=500 and over	47	3.2	29,693	11.9	320	1,015	33.0	37.5
<b>Total</b>	1,492	100	249,579	100	318	963	33.2	37.5



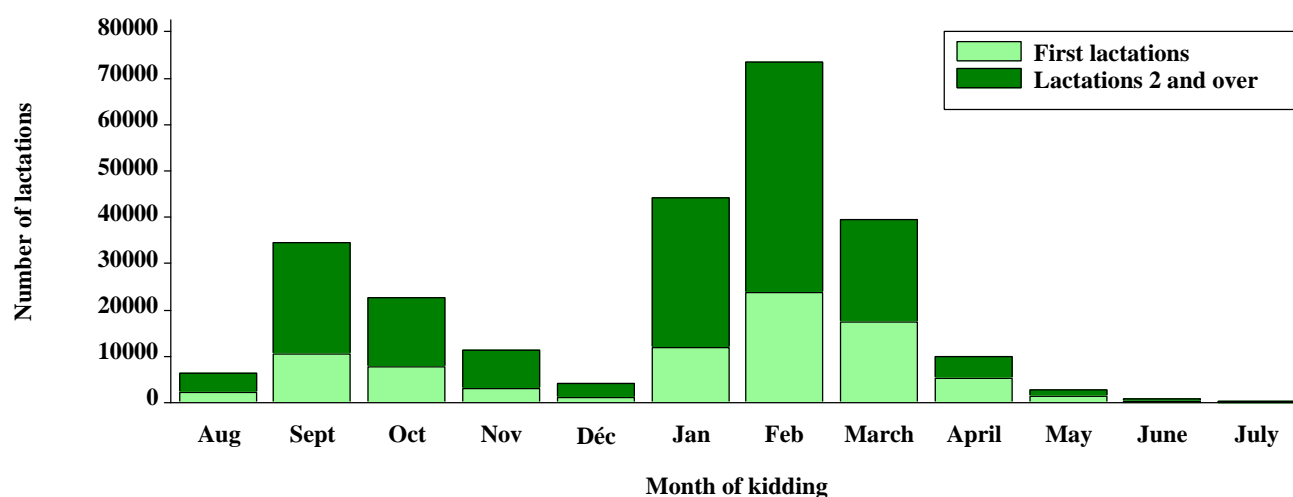
## 2.3 - Distribution of lactations according to the month of kidding

### 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	2,067	2.4	355	1,058	35.8	33.9	41.3	39.0
September	10,379	12.3	352	1,043	35.4	34.0	41.6	39.9
October	7,828	9.3	342	972	32.8	33.7	38.4	39.5
November	3,112	3.7	351	982	32.9	33.5	38.5	39.2
December	1,094	1.3	328	927	30.9	33.3	35.6	38.4
January	11,987	14.2	335	974	32.2	33.1	37.0	38.0
February	23,841	28.2	330	903	30.0	33.2	34.6	38.3
March	17,299	20.5	323	876	29.1	33.2	33.3	38.0
April	5,131	6.1	306	829	27.6	33.3	31.3	37.7
May	1,324	1.6	312	862	29.1	33.7	32.7	37.9
June	310	0.4	262	740	24.7	33.4	28.7	38.8
July	86	0.1	340	876	29.3	33.4	33.7	38.5
<b>Overall total</b>	<b>84,458</b>	<b>100</b>	<b>332</b>	<b>932</b>	<b>31.1</b>	<b>33.4</b>	<b>36.0</b>	<b>38.6</b>

### 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	4,362	2.6	328	1,002	34.0	34.0	37.6	37.5
September	24,055	14.6	317	982	33.4	34.0	37.4	38.1
October	14,806	9.0	315	953	32.3	33.9	36.2	38.0
November	8,136	4.9	312	942	31.5	33.5	35.7	37.9
December	3,082	1.9	311	948	31.7	33.4	35.2	37.1
January	32,158	19.5	319	1,065	35.0	32.8	38.9	36.5
February	49,632	30.1	309	975	31.9	32.7	35.6	36.6
March	22,180	13.4	301	921	30.2	32.8	33.6	36.4
April	4,678	2.8	286	891	29.3	32.9	32.0	35.9
May	1,301	0.8	282	857	28.6	33.3	30.2	35.2
June	537	0.3	281	766	25.3	33.0	28.4	37.2
July	194	0.1	267	864	28.2	32.7	33.1	38.3
<b>Overall total</b>	<b>165,121</b>	<b>100</b>	<b>311</b>	<b>979</b>	<b>32.4</b>	<b>33.1</b>	<b>36.2</b>	<b>37.0</b>

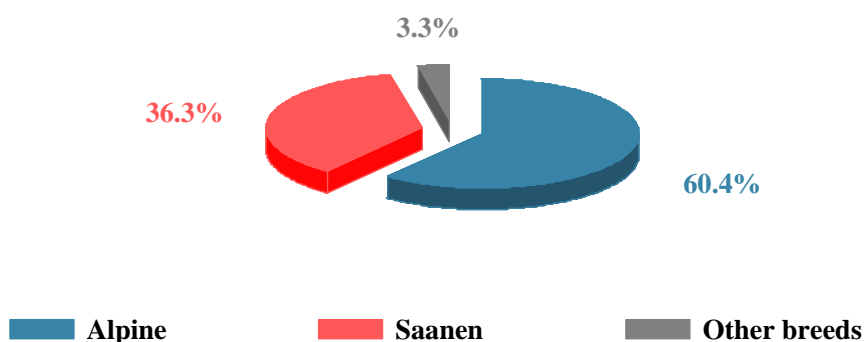


## III - RESULTS PER BREED

### 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	150,758	315	<b>949</b>	31.9	33.6	36.2	<b>38.1</b>	394	2.5
Saanen	90,675	326	<b>999</b>	32.5	32.6	36.4	<b>36.5</b>	409	2.4
Crossbred	7,089	310	<b>871</b>	28.8	33.0	32.7	<b>37.6</b>	401	2.6
Poitevine	515	264	<b>497</b>	15.5	31.2	17.1	<b>34.5</b>	370	3.5
Massif Central	78	276	<b>454</b>	13.8	30.4	17.4	<b>38.2</b>	391	3.2
Other breeds	464	243	<b>495</b>	15.1	30.5	18.4	<b>37.2</b>	390	3.1
<b>Overall total</b>	<b>249,579</b>	<b>318</b>	<b>963</b>	<b>32.0</b>	<b>33.2</b>	<b>36.1</b>	<b>37.5</b>	<b>399</b>	<b>2.5</b>



#### 3.1.2 - Reference lactations

Two scenarios are possible for calculating the reference lactations:

1. 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. 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	150,758	250	<b>800</b>	<b>33.1</b>	<b>37.6</b>
Saanen	90,675	250	<b>794</b>	<b>32.1</b>	<b>36.0</b>
Crossbred	7,089	250	<b>715</b>	<b>32.5</b>	<b>37.1</b>
Poitevine	515	230	<b>456</b>	<b>30.7</b>	<b>34.3</b>
Massif Central	78	150	<b>300</b>	<b>29.5</b>	<b>38.4</b>
Other breeds	464	150	<b>324</b>	<b>29.6</b>	<b>36.9</b>
<b>Overall total</b>	<b>249,579</b>		<b>794</b>	<b>32.7</b>	<b>37.0</b>

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	48,711	390
Saanen	29,233	383
Crossbred	2,095	393
Poitevine	102	414
Massif Central	25	NS*
Other breeds	82	407

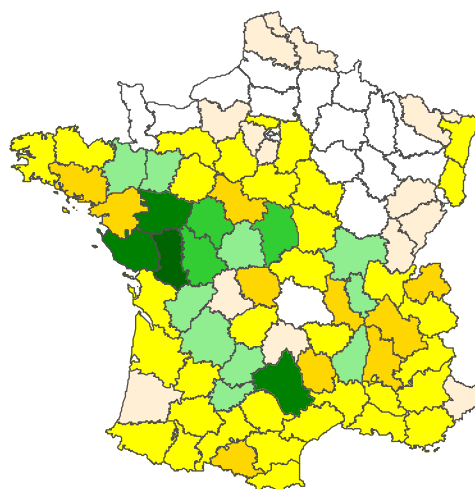
\*NS : Not significant (cf. paragraph « Data processing » page 2 for details).



## 3.2 - Results per breed

Breed ALPINE (French breed code: 13)

Geographical distribution of qualified lactations of Alpine breed

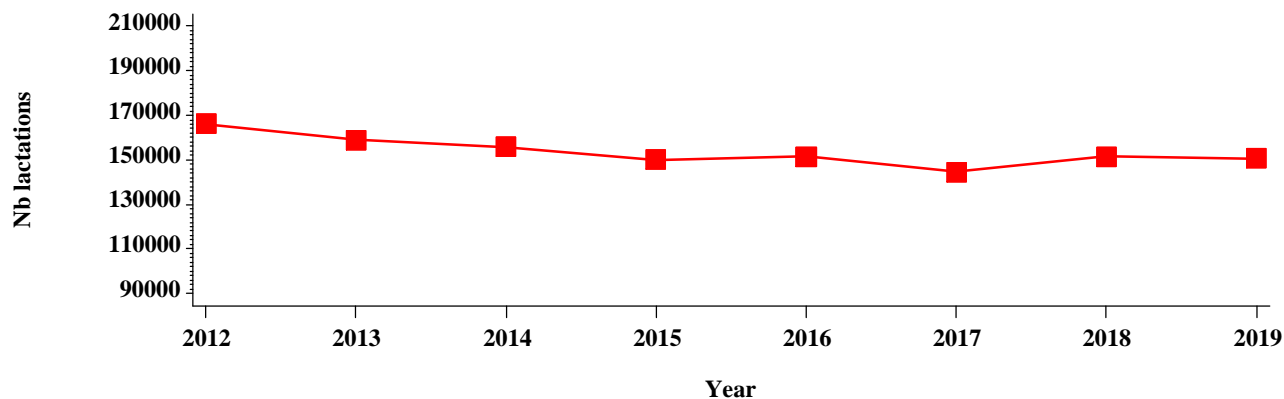


	First lactations	Lactations 2 and over	All lactations	Number of herds for Alpine breed*
Number of lactations	50,902	99,856	150,758	<b>1,159</b>
Lactation duration <i>days</i>	324	310	315	
Milk yield <i>kg</i>	887	980	949	
True protein content <i>kg</i>	30.0	32.9	31.9	
True protein % <i>g/kg</i>	33.8	33.6	33.6	
Fat content <i>kg</i>	34.8	36.9	36.2	
Fat % <i>g/kg</i>	39.2	37.6	38.1	

\* 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	33.8	25.8	17.3	10.8	6.3	3.2	1.6	1.4

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 % <sub>0</sub>	Fat % <sub>0</sub>	Lactations		Lactation duration	Milk yield	True protein % <sub>0</sub>	Fat % <sub>0</sub>
	Nb	%	days	kg	g/kg	g/kg	Nb	%	days	kg	g/kg	g/kg
August	908	1.8	343	<b>940</b>	34.8	40.2	2,140	2.1	318	<b>953</b>	34.5	38.3
September	5,168	10.2	338	<b>974</b>	34.4	41.0	11,798	11.8	317	<b>987</b>	34.6	39.1
October	4,867	9.6	325	<b>904</b>	34.1	40.2	8,236	8.2	313	<b>955</b>	34.6	38.8
November	1,577	3.1	346	<b>948</b>	34.5	40.2	4,383	4.4	313	<b>955</b>	34.2	38.5
December	589	1.2	316	<b>896</b>	34.2	39.5	1,733	1.7	318	<b>1,005</b>	34.0	37.8
January	6,579	12.9	331	<b>948</b>	33.6	38.7	20,230	20.3	317	<b>1,070</b>	33.3	37.3
February	15,505	30.5	325	<b>876</b>	33.6	38.9	32,815	32.9	307	<b>969</b>	33.1	37.2
March	11,358	22.3	318	<b>842</b>	33.6	38.7	14,708	14.7	301	<b>919</b>	33.1	37.1
April	3,272	6.4	304	<b>802</b>	33.8	38.1	2,624	2.6	296	<b>923</b>	33.5	36.6
May	838	1.6	293	<b>795</b>	34.3	38.5	723	0.7	278	<b>865</b>	34.1	36.1
June	187	0.4	268	<b>772</b>	34.0	40.0	348	0.3	272	<b>785</b>	33.2	37.5
July	54	0.1	341	<b>900</b>	33.6	39.7	118	0.1	278	<b>921</b>	32.7	39.2
<b>Overall total</b>	<b>50,902</b>	<b>100</b>	<b>324</b>	<b>887</b>	<b>33.8</b>	<b>39.2</b>	<b>99,856</b>	<b>100</b>	<b>310</b>	<b>980</b>	<b>33.6</b>	<b>37.6</b>

### Distribution of primiparous per age at kidding

Age at 1st kidding	Complete lactations						Reference lactations			
	Nb	%	Lactation duration days	Milk yield kg	True protein % <sub>0</sub> g/kg	Fat % <sub>0</sub> g/kg	Reference duration days	Milk yield kg	True protein % <sub>0</sub> g/kg	Fat % <sub>0</sub> g/kg
>= 240 et < 330 days	500	1.0	355	<b>960</b>	34.3	40.0	250	<b>680</b>	33.1	39.1
>= 330 et < 365 days	11,376	22.3	335	<b>909</b>	33.9	39.6	250	<b>717</b>	33.1	38.9
>= 365 et < 420 days	30,340	59.6	320	<b>874</b>	33.8	39.2	250	<b>716</b>	33.0	38.6
>= 420 days	6,464	12.7	330	<b>944</b>	34.0	38.9	250	<b>675</b>	32.6	37.5
Age unknown	2,222	4.4	311	<b>780</b>	33.3	38.3	250	<b>626</b>	32.4	37.5
<b>Overall total</b>	<b>50,902</b>	<b>100</b>	<b>324</b>	<b>887</b>	<b>33.8</b>	<b>39.2</b>		<b>707</b>	<b>33.0</b>	<b>38.5</b>

### Distribution of primiparous per lactation duration

Lactation duration	Complete lactations						Reference lactations			
	Nb	%	Lactation duration days	Milk yield kg	True protein % <sub>0</sub> g/kg	Fat % <sub>0</sub> g/kg	Reference duration days	Milk yield kg	True protein % <sub>0</sub> g/kg	Fat % <sub>0</sub> g/kg
< 450 days	45,513	89.4	288	<b>778</b>	33.4	38.9	250	<b>699</b>	33.0	38.5
>= 450 days	5,389	10.6	633	<b>1,810</b>	35.4	40.4	250	<b>776</b>	32.7	38.0
<b>Overall total</b>	<b>50,902</b>	<b>100</b>	<b>324</b>	<b>887</b>	<b>33.8</b>	<b>39.2</b>		<b>707</b>	<b>33.0</b>	<b>38.5</b>

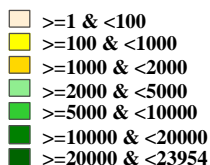
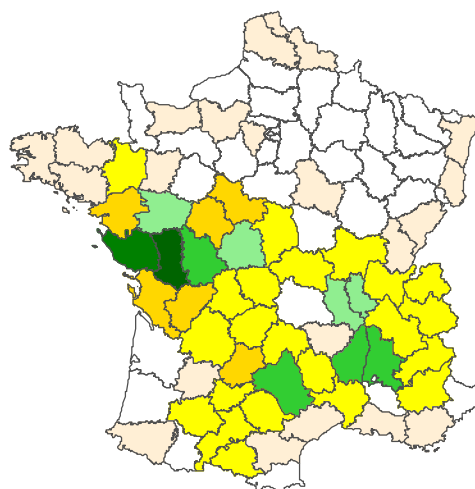




# Results per breed

Breed SAANEN (French breed code: 11)

Geographical distribution of qualified lactations of Saanen breed

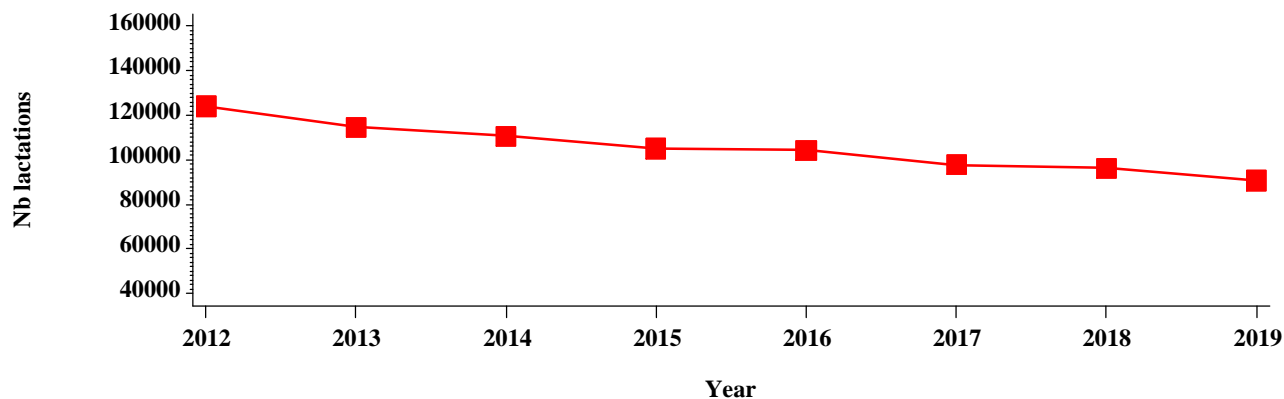


	First lactations	Lactations 2 and over	All lactations	Number of herds for Saanen breed*
Number of lactations	31,071	59,604	90,675	<b>784</b>
Lactation duration <i>days</i>	347	315	326	
Milk yield <i>kg</i>	1,017	990	999	
True protein content <i>kg</i>	33.3	32.1	32.5	
True protein % <i>g/kg</i>	32.7	32.5	32.6	
Fat content <i>kg</i>	38.2	35.5	36.4	
Fat % <i>g/kg</i>	37.6	35.9	36.5	

\* 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	34.3	27.2	17.8	10.4	5.6	2.6	1.2	0.9

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	1,077	3.5	366	<b>1,164</b>	33.3	38.2	2,091	3.5	339	<b>1,058</b>	33.5	36.7
September	4,992	16.1	366	<b>1,117</b>	33.5	38.8	11,611	19.5	317	<b>980</b>	33.4	37.0
October	2,741	8.8	372	<b>1,101</b>	33.1	38.4	6,004	10.1	319	<b>959</b>	32.9	36.9
November	1,437	4.6	358	<b>1,029</b>	32.6	38.3	3,438	5.8	313	<b>945</b>	32.6	37.1
December	466	1.5	345	<b>978</b>	32.4	37.1	1,219	2.0	303	<b>883</b>	32.6	36.1
January	5,198	16.7	341	<b>1,013</b>	32.4	37.1	11,106	18.6	323	<b>1,067</b>	32.0	35.1
February	7,654	24.6	341	<b>971</b>	32.4	37.2	15,109	25.3	314	<b>1,005</b>	32.0	35.3
March	5,278	17.0	336	<b>968</b>	32.4	36.8	6,463	10.8	304	<b>951</b>	32.0	35.1
April	1,663	5.4	313	<b>888</b>	32.5	36.8	1,855	3.1	273	<b>854</b>	31.9	34.8
May	431	1.4	356	<b>1,019</b>	32.9	37.0	490	0.8	292	<b>841</b>	32.3	33.7
June	103	0.3	256	<b>645</b>	31.8	35.3	151	0.3	305	<b>754</b>	32.6	36.2
July	31	0.1	340	<b>845</b>	33.1	36.3	67	0.1	250	<b>780</b>	32.6	36.5
<b>Overall total</b>	<b>31,071</b>	<b>100</b>	<b>347</b>	<b>1,017</b>	<b>32.7</b>	<b>37.6</b>	<b>59,604</b>	<b>100</b>	<b>315</b>	<b>990</b>	<b>32.5</b>	<b>35.9</b>

### 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	456	1.5	356	<b>1,040</b>	32.9	37.5	250	<b>730</b>	32.1	36.8
>= 330 et < 365 days	9,529	30.7	355	<b>1,041</b>	32.8	37.8	250	<b>740</b>	32.1	37.3
>= 365 et < 420 days	16,089	51.8	343	<b>1,009</b>	32.7	37.7	250	<b>739</b>	32.0	37.2
>= 420 days	3,145	10.1	347	<b>1,062</b>	32.6	37.1	250	<b>685</b>	31.4	36.0
Age unknown	1,852	6.0	337	<b>879</b>	32.5	36.5	250	<b>635</b>	31.6	35.7
<b>Overall total</b>	<b>31,071</b>	<b>100</b>	<b>347</b>	<b>1,017</b>	<b>32.7</b>	<b>37.6</b>		<b>728</b>	<b>31.9</b>	<b>37.1</b>

### Distribution of primiparous per lactation duration

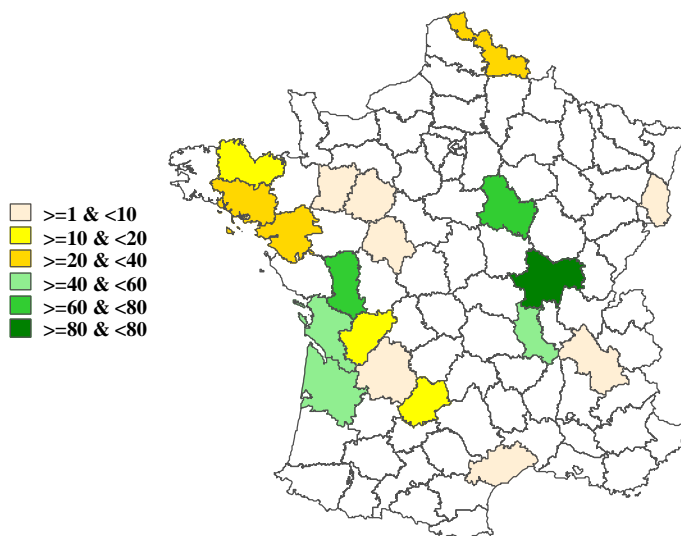
Lactation duration	Complete lactations						Reference lactations			
	Nb	%	Lactation duration days	Milk yield kg	True protein % g/kg	Fat % g/kg	Reference duration days	Milk yield kg	True protein % g/kg	Fat % g/kg
< 450 days	26,577	85.5	292	<b>833</b>	32.4	37.3	250	<b>713</b>	32.0	37.0
>= 450 days	4,494	14.5	673	<b>2,108</b>	33.5	38.1	250	<b>811</b>	31.7	37.1
<b>Overall total</b>	<b>31,071</b>	<b>100</b>	<b>347</b>	<b>1,017</b>	<b>32.7</b>	<b>37.6</b>		<b>728</b>	<b>31.9</b>	<b>37.1</b>



# Results per breed

Breed POITEVINE (French breed code: 76)

Geographical distribution of qualified lactations of Poitevine breed

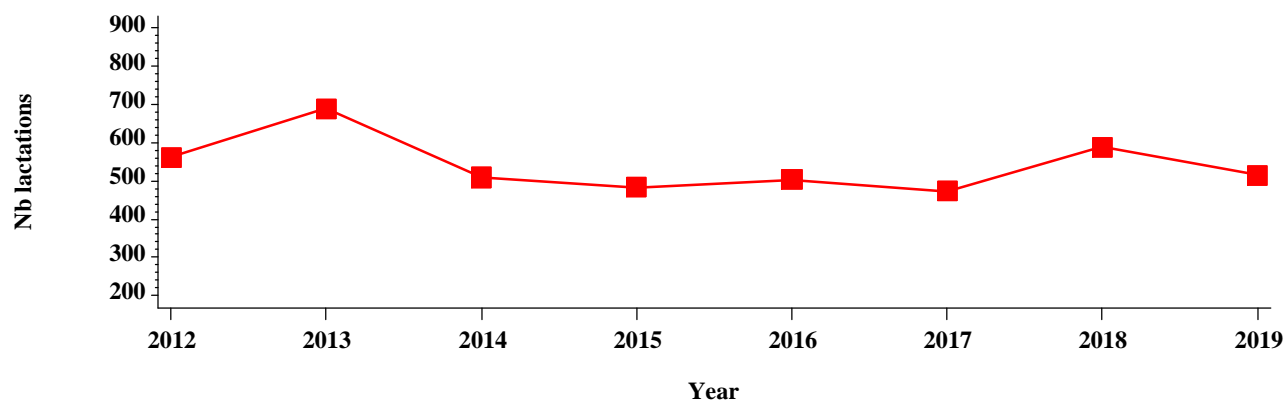


	First lactations	Lactations 2 and over	All lactations	Number of herds for Poitevine breed*
Number of lactations	115	400	515	29
Lactation duration <i>days</i>	253	267	264	
Milk yield <i>kg</i>	371	533	497	
True protein content <i>kg</i>	12.0	16.5	15.5	
True protein % <i>g/kg</i>	32.3	30.9	31.2	
Fat content <i>kg</i>	13.8	18.1	17.1	
Fat % <i>g/kg</i>	37.2	34.0	34.5	

\* 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	22.3	15.9	14.4	20.2	12.0	7.6	2.3	5.2

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	1	0.9	299	704	33.5	39.9						
September							1	0.3	115	246	34.9	49.3
October							1	0.3	262	428	29.5	35.6
November	1	0.9	32	42	33.9	46.6	1	0.3	278	206	39.1	40.5
December							1	0.3	301	669	34.3	39.2
January							16	4.0	279	520	29.5	34.0
February	41	35.7	267	396	32.7	37.5	140	35.0	276	601	31.4	34.7
March	51	44.3	258	348	32.4	37.3	200	50.0	271	506	30.8	33.1
April	16	13.9	234	431	31.4	37.0	33	8.3	224	454	29.7	35.2
May	4	3.5	205	205	29.3	30.5	7	1.8	180	405	30.1	34.5
June	1	0.9	161	200	25.5	27.0						
July												
<b>Overall total</b>	<b>115</b>	<b>100</b>	<b>253</b>	<b>371</b>	<b>32.3</b>	<b>37.2</b>	<b>400</b>	<b>100</b>	<b>267</b>	<b>533</b>	<b>30.9</b>	<b>34.0</b>

### 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	3	2.6	259	331	32.1	35.8	230	293	31.1	34.6
>= 330 et < 365 days	40	34.8	272	393	32.8	36.2	230	355	32.1	35.3
>= 365 et < 420 days	42	36.5	255	377	32.3	38.7	230	342	31.8	38.5
>= 420 days	17	14.8	229	472	30.9	36.6	230	371	29.6	35.2
Age unknown	13	11.3	222	161	33.6	36.4	230	158	33.6	36.2
<b>Overall total</b>	<b>115</b>	<b>100</b>	<b>253</b>	<b>371</b>	<b>32.3</b>	<b>37.2</b>		<b>329</b>	<b>31.6</b>	<b>36.5</b>

### Distribution of primiparous per lactation duration

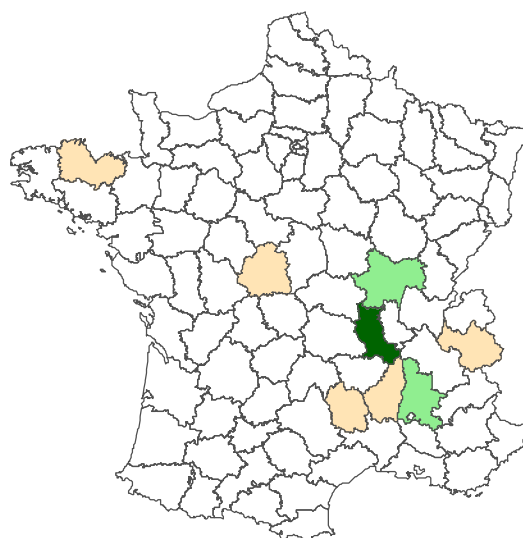
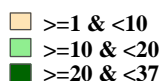
Lactation duration	Complete lactations						Reference lactations			
	Nb	%	Lactation duration days	Milk yield kg	True protein % g/kg	Fat % g/kg	Reference duration days	Milk yield kg	True protein % g/kg	Fat % g/kg
< 450 days	115	100	253	371	32.3	37.2	230	329	31.6	36.5
<b>Overall total</b>	<b>115</b>	<b>100</b>	<b>253</b>	<b>371</b>	<b>32.3</b>	<b>37.2</b>		<b>329</b>	<b>31.6</b>	<b>36.5</b>



# 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	25	53	78	<b>9</b>
Lactation duration <i>days</i>	269	279	276	
Milk yield <i>kg</i>	365	496	454	
True protein content <i>kg</i>	11.6	14.8	13.8	
True protein % <i>g/kg</i>	31.9	29.9	30.4	
Fat content <i>kg</i>	15.0	18.5	17.4	
Fat % <i>g/kg</i>	41.1	37.3	38.2	

\* 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
Number of lactations	25	22	6	7	1	3	3	11	78



## IV - RESULTS PER REGION

### 4.1 - Detailed results

Region	Lactations		Lactation duration	Milk yield	True protein content	True protein %	Fat content	Fat %
	<i>Nb</i>	<i>%</i>	<i>days</i>	<i>kg</i>	<i>kg</i>	<i>g/kg</i>	<i>kg</i>	<i>g/kg</i>
Alsace	464	0.2	274	674	21.5	32.0	24.5	36.4
Aquitaine	5,334	2.1	315	955	32.3	33.8	36.0	37.7
Auvergne	1,891	0.8	292	864	29.2	33.8	33.6	39.0
Basse Normandie	248	0.1	282	997	34.6	34.6	35.8	35.9
Bourgogne	4,179	1.7	295	753	24.8	33.0	28.4	37.6
Bretagne	6,540	2.6	328	969	32.6	33.6	35.5	36.7
Centre	26,779	10.7	319	947	31.9	33.7	36.0	38.0
Franche Comté	152	0.1	231	456	14.9	32.7	16.2	35.6
Haute Normandie	91	0.0	294	1,198	41.5	34.7	49.5	41.3
Ile de France	587	0.2	273	925	31.4	33.9	34.4	37.2
Languedoc Roussillon	4,784	1.9	312	796	26.7	33.5	29.8	37.4
Limousin	2,885	1.2	297	800	26.6	33.2	30.6	38.2
Lorraine	6	0.0	215	361	11.2	31.0	12.8	35.4
Midi-Pyrénées	35,918	14.4	310	912	30.4	33.3	33.4	36.6
Nord-Pas de Calais	171	0.1	244	668	21.9	32.7	24.4	36.4
Pays de la Loire	52,566	21.1	322	1,015	33.5	33.0	38.8	38.2
Poitou-Charentes	70,412	28.2	335	1,060	35.2	33.2	39.6	37.4
Provence Alpes Cote d'Azur	2,419	1.0	262	687	22.3	32.5	24.5	35.7
Rhône Alpes	34,153	13.7	301	845	27.7	32.8	31.4	37.1

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

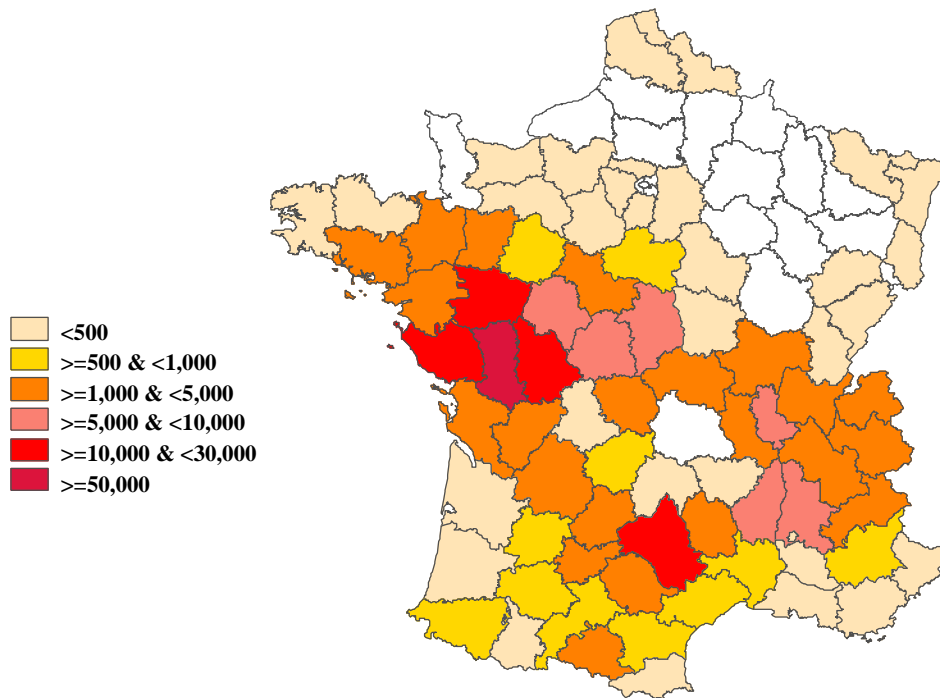
Region	Month of kidding											
	08	09	10	11	12	01	02	03	04	05	06	07
Alsace		0.2	12.1	16.6	0.6	19.2	33.2	13.4	3.2	1.1	0.2	0.2
Aquitaine	4.6	15.0	5.2	1.9	0.9	15.7	34.0	18.0	3.6	0.7	0.3	0.1
Auvergne	2.6	31.7	4.8	0.4	0.2	2.7	33.9	18.1	3.5	1.8	0.2	0.1
Basse Normandie	0.4	8.5		7.3		10.1	43.1	23.0	3.2	0.8	3.6	
Bourgogne	0.3	7.7	11.7	2.8	0.8	11.7	36.9	21.5	4.1	1.7	0.2	0.6
Bretagne	1.2	5.0	0.9	1.7	1.5	9.7	32.5	25.3	16.1	5.3	0.8	0.2
Centre	4.1	23.1	10.9	5.0	2.0	5.3	18.8	20.7	6.6	2.2	1.0	0.4
Franche Comté						23.0	21.7	46.7	4.6	3.9		
Haute Normandie	12.1	5.5		1.1	1.1	13.2	19.8	15.4	6.6	8.8	15.4	1.1
Ile de France					0.2	18.2	53.3	16.9	10.4	0.7		0.3
Languedoc Roussillon	5.7	4.2	5.7	2.4	0.1	6.4	30.1	28.6	13.2	2.9	0.5	0.2
Limousin	0.6	5.6	12.5	1.4	0.1	9.9	42.0	22.0	5.2	0.5	0.2	0.0
Lorraine								33.3	66.7			
Midi-Pyrénées	1.3	9.7	15.0	7.2	3.1	23.2	24.9	11.9	2.9	0.7	0.2	0.0
Nord-Pas de Calais				0.6			18.7	49.1	22.8	4.1	4.7	
Pays de la Loire	1.5	7.8	2.4	1.3	0.4	24.6	41.9	16.8	2.6	0.6	0.2	0.0
Poitou-Charentes	2.9	18.3	10.9	6.2	1.8	17.7	25.9	12.6	2.8	0.8	0.2	0.1
Provence Alpes Cote d'Azur	1.0	9.8	3.3	0.1	0.5	15.0	35.8	29.5	3.9	1.0		0.0
Rhône Alpes	3.9	15.1	11.0	4.9	2.5	16.9	26.3	14.8	3.3	0.7	0.5	0.1



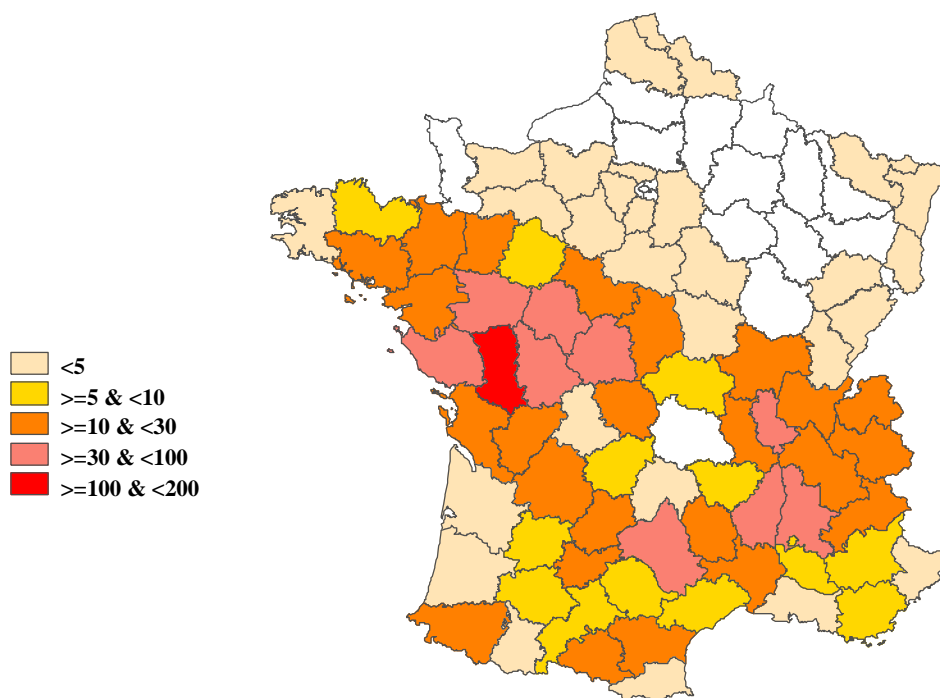
# V - RESULTATS PER LOCAL AREA (= FRENCH « DÉPARTEMENT »)

## 5.1 - Geographical distributions

Distribution of qualified lactations



Herd distribution (counted up with qualified lactations)



## 5.2 - Detailed results per local area

Local area <sup>1</sup>		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	15	1,164	78	266	673	32.8	37.7
03	Allier	9	1,442	160	279	817	33.6	38.2
04	Alpes Hte Provence	6	548	91	273	664	32.2	36.4
05	Hautes Alpes	12	1,000	83	253	670	31.8	35.9
06	Alpes Maritimes	1	72	72				
07	Ardèche	88	9,739	111	297	828	32.5	37.4
09	Ariège	12	1,715	143	317	917	34.9	40.7
11	Aude	10	551	55	263	608	34.3	36.8
12	Aveyron	87	22,778	262	311	935	33.2	36.7
13	Bouches du Rhône	2	124	62				
14	Calvados	1	25	25				
15	Cantal	4	196	49	391	1,127	35.8	41.2
16	Charente	25	4,898	196	330	1,010	33.5	37.0
17	Charente Maritime	15	1,756	117	308	937	32.2	35.9
18	Cher	38	6,000	158	298	850	33.6	37.9
19	Corrèze	5	592	118	279	701	32.7	35.6
22	Côtes d'Armor	6	380	63	366	1,030	33.7	35.9
23	Creuse	11	1,872	170	316	885	33.4	39.1
24	Dordogne	26	3,636	140	311	967	33.5	37.5
25	Doubs	3	105	35	265	536	32.7	35.0
26	Drôme	55	7,980	145	309	879	32.9	36.6
27	Eure	2	91	46				
28	Eure & Loir	4	297	74	290	1,087	33.8	36.6
29	Finistère	2	323	162				
30	Gard	11	694	63	369	1,067	33.6	37.8
31	Haute Garonne	6	818	136	345	858	33.7	35.8
32	Gers	6	598	100	282	773	33.0	35.7
33	Gironde	4	179	45	257	517	32.8	35.5
34	Hérault	8	755	94	314	785	34.4	38.7
35	Ille & Vilaine	21	4,230	201	333	1,031	33.8	36.7
36	Indre	57	7,343	129	325	918	33.5	38.1
37	Indre & Loire	59	9,907	168	321	1,022	33.9	38.5
38	Isère	42	2,847	68	312	935	33.2	36.0
39	Jura	3	46	15	155	277	32.7	38.4
40	Landes	2	26	13				
41	Loir & Cher	27	2,625	97	339	955	33.9	36.7
42	Loire	33	3,734	113	314	913	32.5	36.9
43	Haute Loire	7	253	36	294	926	33.0	40.5
44	Loire Atlantique	11	2,299	209	320	938	32.4	37.3
45	Loiret	4	607	152	326	926	33.3	36.6
46	Lot	22	4,792	218	307	830	33.3	34.8
47	Lot & Garonne	6	579	97	372	1,114	34.8	40.5
48	Lozère	28	2,634	94	311	786	33.1	37.1
49	Maine & Loire	78	20,639	265	320	1,010	33.4	39.1
53	Mayenne	19	4,411	232	321	924	34.0	40.2
56	Morbihan	11	1,607	146	317	882	33.4	37.0
57	Moselle	2	6	3				
58	Nièvre	1	226	226				

<sup>1</sup>Durations, 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 <sup>1</sup>	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
59 Nord	3	122	41	236	637	31.3	35.7
61 Orne	2	223	112				
62 Pas de Calais	1	49	49				
64 Pyrénées Atlantiques	16	914	57	308	911	34.5	36.6
65 Hautes Pyrénées	1	140	140				
66 Pyrénées Orientales	4	150	38	225	477	32.3	37.4
67 Bas Rhin	4	155	39	271	688	31.6	37.5
68 Haut Rhin	4	309	77	276	666	32.2	35.8
69 Rhône	59	5,627	95	300	846	33.0	37.9
70 Haute Saône	1	1	1				
71 Saône & Loire	44	3,666	83	286	718	32.6	37.9
72 Sarthe	9	826	92	354	1,028	32.9	40.3
73 Savoie	16	1,007	63	296	736	32.8	37.1
74 Haute Savoie	36	2,055	57	274	700	32.9	37.7
77 Seine & Marne	4	241	60	279	1,021	34.3	38.6
78 Yvelines	1	128	128				
79 Deux Sèvres	190	51,182	269	335	1,060	33.2	37.4
81 Tarn	7	1,635	234	300	870	32.9	37.5
82 Tarn & Garonne	12	3,442	287	307	936	33.5	36.1
83 Var	7	363	52	264	624	33.5	33.4
84 Vaucluse	5	312	62	253	784	34.0	37.1
85 Vendée	91	24,391	268	322	1,043	32.7	37.1
86 Vienne	59	12,576	213	338	1,097	33.1	37.7
87 Haute Vienne	4	421	105	243	563	32.8	36.9
89 Yonne	3	287	96	373	1,031	34.3	36.0
91 Essonne	1	31	31				
95 Val d'Oise	1	187	187				

<sup>1</sup>Durations, 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 %	
01	Ain	21.7	75.3	3.0				1,164
03	Allier		51.9	48.1				1,442
04	Alpes Hte Provence	35.6		64.4				548
05	Hautes Alpes			100				1,000
06	Alpes Maritimes	100						72
07	Ardèche	5.5	85.0	9.6				9,739
09	Ariège			100				1,715
11	Aude	51.9		48.1				551
12	Aveyron		81.1	18.9				22,778
13	Bouches du Rhône			100				124
14	Calvados	100						25
15	Cantal			100				196
16	Charente	23.8	22.6	53.6				4,898
17	Charente Maritime	6.5	33.9			3.4	40.4	1,756
18	Cher	46.7	20.9	14.9	13.1	4.4		6,000
19	Corrèze	3.2	48.6	48.1				592
22	Côtes d'Armor	34.7	8.9	56.3				380
23	Creuse	63.7	19.5		13.0	3.8		1,872
24	Dordogne		24.8	75.2				3,636
25	Doubs	100						105
26	Drôme	2.2	84.5	13.3				7,980
27	Eure	100						91
28	Eure & Loir	100						297
29	Finistère	100						323
30	Gard		7.5	92.5				694
31	Haute Garonne		6.2	93.8				818
32	Gers			100				598
33	Gironde	73.7		26.3				179
34	Hérault	19.1		80.9				755
35	Ille & Vilaine	14.6	3.6	1.3	57.1	23.4		4,230
36	Indre	43.6	35.1	21.3			0.0	7,343
37	Indre & Loire	56.8	1.8	0.1		0.2	32.1	9,907
38	Isère	28.8	60.1	11.1				2,847
39	Jura	100						46
40	Landes			100				26
41	Loir & Cher	98.3		1.7				2,625
42	Loire	16.4	75.9	7.7				3,734
43	Haute Loire		8.3	91.7				253
44	Loire Atlantique	5.4	33.9	2.1			36.4	2,299
45	Loiret	21.3			61.4	17.3		607
46	Lot			100				4,792
47	Lot & Garonne			100				579
48	Lozère	3.3	11.5	85.2				2,634
49	Maine & Loire	22.5	15.3	12.4	1.9	0.6	30.4	20,639
53	Mayenne	50.5	10.1	13.8			4.5	4,411
56	Morbihan	65.7	14.3	10.3		9.8		1,607
57	Moselle	100						6
58	Nièvre	100						226
59	Nord	100						122
61	Orne	95.1		4.9				223



### 5.3 - Distribution of milk recording protocols per local area

Local area		Milk recording protocol						Total lactations	
		A	AC	AT	AY	AZ	CY		CZ
		%	%	%	%	%	%	%	
62	Pas de Calais	100							49
64	Pyrénées Atlantiques	0.2		99.8					914
65	Hautes Pyrénées			100					140
66	Pyrénées Orientales	48.7		51.3					150
67	Bas Rhin	100							155
68	Haut Rhin	100							309
69	Rhône	11.1	80.3	8.5					5,627
70	Haute Saône	100							1
71	Saône & Loire	28.6	62.7	8.7					3,666
72	Sarthe	74.0	11.5	1.6				13.0	826
73	Savoie	61.5		38.5					1,007
74	Haute Savoie	66.3	0.0	33.7					2,055
77	Seine & Marne	95.9		4.1					241
78	Yvelines	100							128
79	Deux Sèvres	34.5		3.1		3.9	58.5		51,182
81	Tarn		61.0	39.0					1,635
82	Tarn & Garonne		80.0	20.0					3,442
83	Var	25.1		74.9					363
84	Vaucluse			100					312
85	Vendée	4.3	21.8	8.7		6.7	54.3	4.1	24,391
86	Vienne	29.8	15.7	54.2			0.4		12,576
87	Haute Vienne			100					421
89	Yonne	36.9		20.6	42.5				287
91	Essonne	12.9		87.1					31
95	Val d'Oise	100							187
<b>Overall total</b>		<b>23.4</b>	<b>28.1</b>	<b>19.9</b>	<b>1.7</b>	<b>2.2</b>	<b>21.8</b>	<b>2.9</b>	<b>249,579</b>



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

Local area	Breed <sup>1</sup>	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
Ain	Saanen	5	212	273	653	36.3	31.9	250	591	35.8	31.4
	Alpine	14	831	280	662	38.1	33.0	250	600	37.8	32.6
	Crossbred	10	93	300	816	38.8	33.4	250	700	38.1	32.8
Allier	Saanen	4	560	297	763	36.4	32.8	250	663	35.4	32.1
	Alpine	6	726	294	874	39.4	34.3	250	768	39.3	34.0
	Crossbred	3	156	270	745	38.6	33.5	250	657	38.7	33.2
Alpes Hte Provence	Saanen	2	217	273	685	36.3	31.4	250	647	35.9	31.2
	Alpine	5	330	271	650	36.5	32.7	250	629	36.3	32.4
Hautes Alpes	Saanen	6	217	294	640	36.2	32.2	250	523	36.0	31.8
	Alpine	11	748	259	680	35.8	31.8	250	632	35.7	31.4
Alpes Maritimes	Alpine	1	72								
Ardèche	Saanen	58	5,415	310	853	37.1	32.1	250	707	36.9	31.8
	Alpine	59	4,013	293	801	37.8	33.1	250	721	37.5	32.7
	Crossbred	31	306	290	743	36.7	32.3	250	676	36.5	32.1
Ariège	Saanen	6	133	334	982	37.9	34.4	250	726	36.4	33.3
	Alpine	11	1,403	322	908	40.8	35.0	250	737	40.3	34.3
	Crossbred	7	159	355	954	41.5	35.2	250	632	40.0	34.0
Aude	Saanen	3	70	280	614	36.6	33.0	250	590	36.3	32.7
	Alpine	10	420	257	598	37.5	34.9	250	582	37.4	34.6
	Crossbred	3	61	276	668	32.5	31.8	250	649	32.3	31.6
Aveyron	Saanen	45	6,803	305	879	34.9	32.1	250	787	34.7	31.8
	Alpine	73	15,400	312	960	37.4	33.7	250	844	37.0	33.3
	Crossbred	52	575	313	912	36.8	33.0	250	799	36.6	32.7
Bouches du Rhône	Alpine	2	122	289	971	34.9	33.2	250	890	34.7	32.9
Cantal	Saanen	4	109	379	1,100	39.8	35.0	250	734	39.8	34.7
	Alpine	1	87								
Charente	Saanen	14	1,349	324	1,040	34.2	31.8	250	870	33.5	31.3
	Alpine	22	3,380	335	1,002	38.2	34.3	250	812	37.7	33.8
	Crossbred	12	156	344	976	36.3	33.1	250	766	35.7	32.4
Charente Maritime	Saanen	11	1,341	326	1,017	35.8	32.2	250	793	35.0	31.6
	Alpine	10	336	271	705	36.8	32.6	250	632	36.0	32.1
	Poitevine	2	40	245	257	35.2	31.7	230	245	34.6	31.5

<sup>1</sup>Durations, 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 <sup>1</sup>	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
Cher	Saanen	6	523	349	1,063	38.8	34.0	250	764	38.4	33.9
	Alpine	36	5,362	300	829	37.8	33.5	250	726	37.5	33.1
	Crossbred	14	115	326	869	36.7	33.8	250	728	36.1	32.9
Corrèze	Saanen	3	199	329	862	37.6	33.1	250	688	37.8	32.7
	Alpine	4	393	252	619	34.2	32.3	250	590	34.1	32.1
Côtes d'Armor	Saanen	1	40								
	Alpine	6	309	340	963	36.5	34.3	250	777	35.8	33.5
Creuse	Saanen	6	626	363	969	37.6	33.2	250	695	36.8	32.1
	Alpine	8	1,220	311	842	39.9	33.5	250	726	39.4	33.1
Dordogne	Saanen	7	539	317	1,024	36.4	32.5	250	885	35.7	31.9
	Alpine	23	3,084	311	958	37.8	33.7	250	833	37.7	33.3
Doubs	Alpine	3	95	275	541	34.6	32.8	250	512	34.3	32.3
Drôme	Saanen	42	5,569	320	917	35.8	32.7	250	763	35.8	32.4
	Alpine	23	1,904	294	826	38.7	33.4	250	749	38.6	33.1
	Crossbred	21	431	282	687	38.6	32.7	250	632	38.5	32.4
Eure & Loir	Alpine	4	296	322	1,088	36.6	33.8	250	911	36.0	32.9
Finistère	Alpine	2	321	275	511	36.9	31.9	250	496	36.8	31.6
Gard	Saanen	5	137	421	1,253	35.2	32.7	250	615	34.7	31.6
	Alpine	10	495	373	1,055	38.8	33.9	250	749	37.6	32.2
	Crossbred	4	62	312	750	36.3	33.9	250	655	36.4	33.1
Haute Garonne	Saanen	5	520	372	893	36.0	32.8	250	632	35.9	32.3
	Alpine	6	277	318	794	35.4	35.6	250	631	34.6	34.6
Gers	Saanen	3	336	295	834	33.1	32.4	250	713	33.0	32.1
	Alpine	6	224	288	712	40.4	34.1	250	643	40.4	33.6
Gironde	Alpine	3	120	269	552	35.4	32.5	250	525	34.9	31.9
	Poitevine	1	53								
Hérault	Saanen	1	47								
	Alpine	8	700	311	776	39.1	34.4	250	648	38.4	33.7
Ille & Vilaine	Saanen	12	960	366	1,190	36.4	33.1	250	835	35.5	32.3
	Alpine	17	3,141	335	983	36.7	34.0	250	800	35.5	33.0
	Crossbred	14	129	346	1,030	37.7	34.3	250	798	36.4	33.3

<sup>1</sup>Durations, 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 <sup>1</sup>	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	Saanen	48	3,074	332	903	37.1	32.9	250	711	36.5	32.3
	Alpine	47	3,337	353	941	38.8	34.1	250	699	38.1	33.4
	Crossbred	38	931	331	882	38.6	33.6	250	680	38.2	33.2
Indre & Loire	Saanen	35	1,545	345	1,062	37.4	32.9	250	768	37.1	32.4
	Alpine	52	8,020	342	1,019	38.7	34.1	250	787	38.0	33.3
	Crossbred	28	336	335	919	38.6	33.6	250	689	38.0	32.9
Isère	Saanen	13	904	319	1,017	33.9	32.5	250	820	33.5	32.0
	Alpine	34	1,732	310	922	37.1	33.7	250	797	36.7	33.1
	Crossbred	7	209	300	694	36.7	31.9	250	593	36.4	31.2
Loir & Cher	Saanen	13	1,034	368	1,068	35.8	34.4	250	756	35.6	34.1
	Alpine	24	1,473	359	876	37.4	33.5	250	649	36.4	32.5
	Crossbred	5	118	341	962	37.6	32.6	250	754	37.1	32.2
Loire	Saanen	21	2,047	324	970	36.0	32.4	250	797	35.8	31.9
	Alpine	17	1,490	319	869	38.3	33.0	250	736	37.8	32.3
	Crossbred	6	119	298	672	36.2	30.4	250	623	36.3	30.0
	Poitevine	1	41								
Haute Loire	Saanen	5	76	342	858	36.3	32.1	250	584	35.4	31.3
	Alpine	5	173	297	955	42.2	33.3	250	817	42.6	33.1
Loire Atlantique	Saanen	5	1,059	344	1,117	37.7	32.9	250	882	37.4	32.5
	Alpine	10	1,184	299	793	36.8	31.8	250	723	36.6	31.4
Loiret	Alpine	4	604	324	923	36.6	33.3	250	788	36.2	33.0
Lot	Saanen	11	1,136	309	803	32.1	32.0	250	698	31.5	31.7
	Alpine	19	3,577	307	842	35.6	33.7	250	742	35.0	33.3
	Crossbred	10	62	286	723	35.3	33.7	250	670	35.2	33.7
Lot & Garonne	Alpine	6	578	372	1,114	40.5	34.8	250	849	39.5	33.6
Lozère	Saanen	13	743	313	841	36.6	32.7	250	708	36.4	32.2
	Alpine	25	1,874	310	765	37.3	33.3	250	674	36.9	32.6
Maine & Loire	Saanen	24	3,516	335	1,017	37.6	32.8	250	805	37.1	32.3
	Alpine	69	16,841	318	1,009	39.4	33.5	250	864	38.8	32.9
	Crossbred	25	282	321	955	38.4	33.0	250	817	37.7	32.4
Mayenne	Saanen	6	90	279	768	38.7	32.4	250	713	38.5	32.2
	Alpine	18	4,272	323	931	40.2	34.0	250	772	39.4	33.3
	Crossbred	5	44	292	623	39.3	31.9	250	585	39.0	31.4

<sup>1</sup>Durations, 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 <sup>1</sup>	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
Morbihan	Alpine	10	1,507	318	892	37.2	33.4	250	756	36.5	32.7
	Crossbred	5	65	298	808	33.6	33.1	250	722	33.0	32.7
Nièvre	Alpine	1	226								
Nord	Crossbred	2	51	235	660	35.0	30.7	250	646	34.9	30.6
Orne	Alpine	2	201	354	1,001	36.4	34.8	250	785	35.9	34.0
Pas de Calais	Alpine	1	48								
Pyrénées Atlantiques	Alpine	15	890	308	914	36.6	34.5	250	790	35.6	33.6
Hautes Pyrénées	Alpine	1	140								
Pyrénées Orientales	Alpine	4	137	225	489	37.3	32.3	250	488	37.3	32.2
Bas Rhin	Alpine	3	107	268	679	37.0	31.9	250	613	36.7	31.5
Haut Rhin	Alpine	4	302	297	668	35.7	32.2	250	602	35.6	31.8
Rhône	Saanen	31	2,686	313	864	36.2	32.2	250	732	36.1	31.8
	Alpine	43	2,827	320	835	39.7	33.8	250	698	39.0	33.1
	Crossbred	14	114	305	679	37.9	32.1	250	600	37.8	31.7
Saône & Loire	Saanen	10	586	293	671	35.6	31.9	250	580	35.5	31.6
	Alpine	42	2,864	302	737	38.3	32.7	250	650	38.0	32.1
	Crossbred	12	120	280	650	38.7	32.6	250	598	38.7	32.3
	Poitevine	2	80	256	520	37.3	31.3	230	501	37.3	31.2
Sarthe	Alpine	9	822	354	1,030	40.3	32.9	250	807	39.0	32.0
Savoie	Saanen	7	366	374	1,035	36.3	32.7	250	663	35.7	31.9
	Alpine	13	543	270	587	37.8	33.1	250	553	37.7	32.9
Haute Savoie	Saanen	17	359	301	688	35.3	31.3	250	556	35.3	31.0
	Alpine	31	1,326	287	755	38.8	34.0	250	665	38.5	33.5
	Crossbred	14	171	271	576	36.8	30.7	250	533	36.6	30.3
Seine & Marne	Alpine	4	241	315	1,021	38.6	34.3	250	889	38.1	33.4
Yvelines	Saanen	1	48								
	Alpine	1	80								

<sup>1</sup>Durations, 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 <sup>1</sup>	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
Deux Sèvres	Saanen	123	23,954	344	1,061	36.7	32.8	250	820	36.2	32.3
	Alpine	118	26,408	326	1,057	38.0	33.6	250	882	37.4	33.0
	Crossbred	57	746	365	1,141	37.1	33.0	250	833	36.3	32.3
	Poitevine	3	71	289	566	32.7	31.3	230	525	32.3	30.7
Tarn	Saanen	5	981	315	910	36.9	32.9	250	770	37.1	32.7
	Alpine	6	622	286	813	38.7	33.1	250	746	38.6	32.8
Tarn & Garonne	Saanen	7	275	304	1,045	36.0	32.4	250	942	35.5	32.0
	Alpine	12	3,070	308	924	36.1	33.6	250	812	35.7	33.2
	Crossbred	6	97	308	995	36.6	32.7	250	890	36.5	32.6
Var	Alpine	7	299	270	675	33.1	33.5	250	643	32.9	33.2
Vaucluse	Alpine	5	283	298	811	36.9	34.1	250	647	36.4	33.5
Vendée	Saanen	69	13,422	334	1,069	36.6	32.3	250	855	36.1	31.8
	Alpine	56	10,786	324	1,011	37.9	33.1	250	850	37.2	32.5
	Crossbred	26	178	317	1,045	36.2	32.0	250	870	35.6	31.5
Vienne	Saanen	45	6,341	352	1,167	37.2	32.4	250	861	36.9	31.9
	Alpine	41	5,512	332	1,035	38.4	34.1	250	826	37.9	33.6
	Crossbred	23	723	323	960	37.2	33.1	250	790	36.8	32.7
Haute Vienne	Saanen	3	347	245	570	37.0	32.6	250	549	36.7	32.4
	Alpine	4	63	229	536	36.9	33.5	250	531	36.8	33.5
Yonne	Alpine	1	193								
	Poitevine	1	61								
Val d'Oise	Alpine	1	187								

<sup>1</sup>Durations, 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**

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## COLLECTION RÉSULTATS

GOAT : The number of qualified lactations and the number of flocks are decreasing in 2019 to reach 249,579 lactations (-6,516 lactations -2.5%) and 1,492 flocks (-0.7%). In 2019, the main dairy breeds (Alpine and Saanen) represented 96.7% of the overall total of qualified lactations. The proportion of primiparous dairy goats is slightly increasing and reaches 33.8% (+0.8) confirming the trend observed the previous year.

With 963 Kg per lactation the milk yield is staying at a comparable level than the one observed in 2018 (-1Kg). This milk yield stability occurs in conjunction with a long lactation duration at 318 days, confirming the increase in lactation duration observed in 2018 that had reached 319 days (312 days in 2017). Meanwhile true-protein and fat rates are increasing and reaches respectively 33.2 g/Kg (+0.2) and 37.5 g/Kg (+0.4).

**Contacts :**

[gilles.thomas@idele.fr](mailto:gilles.thomas@idele.fr)

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