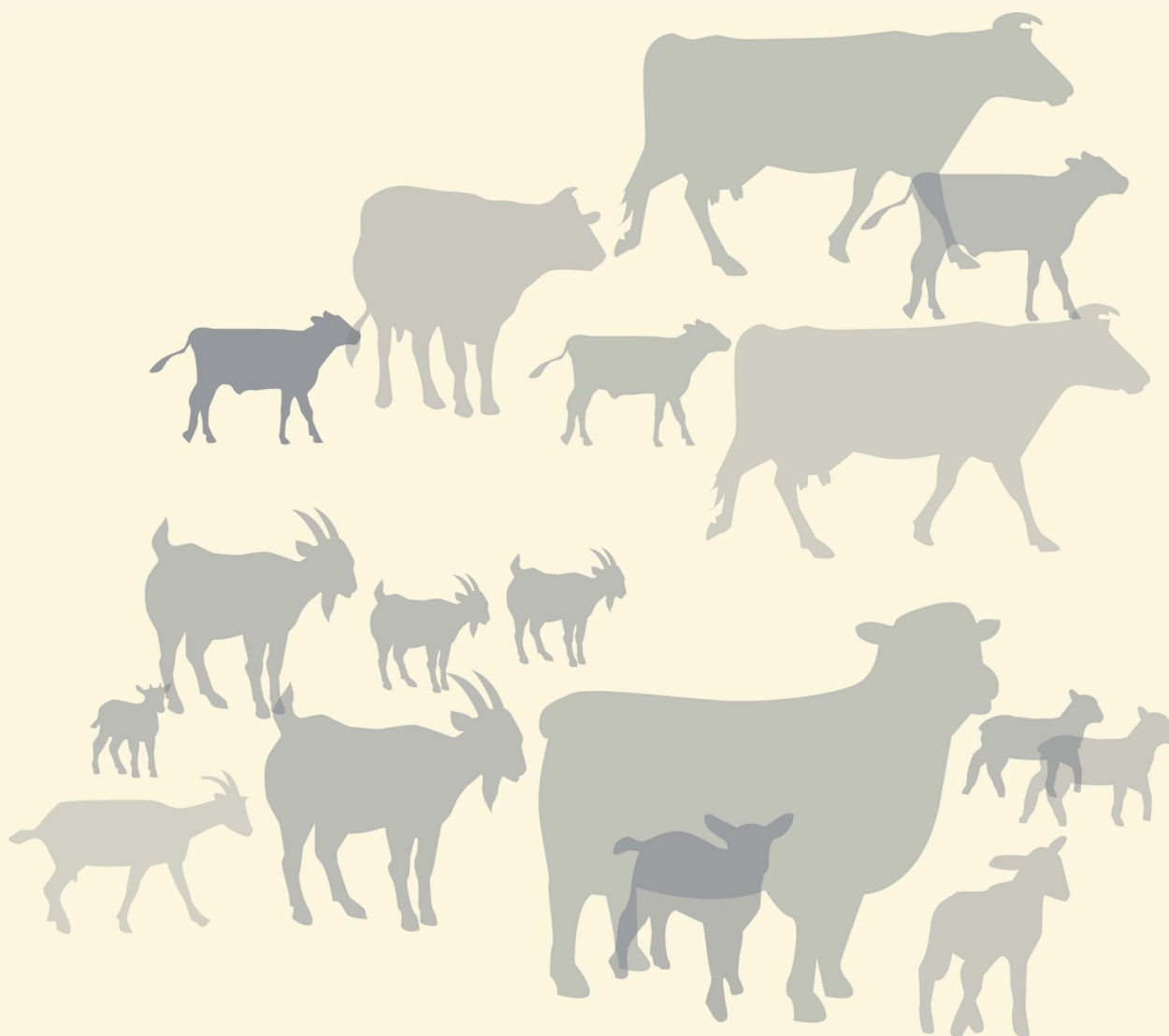


Milk recording results

France 2022



Collection
Résultats

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MILK RECORDING

RESULTS OF

CATTLE, GOATS AND SHEEP

- FRANCE - Year 2022 -



Report n° 0023201009
GT/JMA/XB

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Milk recording results - Dairy Cattle France – Year 2022

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Data processing

In paragraph 1.1.1, the **number of active cows** refers to cows still present on the 31st of December 2022 in a herd with active Official Milk Recording (=MR) contract and for which at least one milk record has been registered throughout the year 2022.

In paragraph 1.1.2, the **number of active herds** refers to herds with active Official Milk Recording contract on the 31st of December 2022 and with at least one active cow taken in account over the year (and still present in this herd on the 31st of December 2022).

Annual milk recording results (starting at paragraph 1.2) have been calculated on 28 January 2023 by the Genetic Information Processing Centre (in accordance with the French National Institute for Agricultural Research [INRA] specifications) and processed by the Institut de l'Élevage. These results take into account **one lactation per cow; the last terminated one** (with a calving date after January 1st, 2019). This rule involves that the primiparous still on lactation are therefore not counted up in these results.

These terminated lactations may be qualified or not. The non-qualified ones are taken into account into the calculation of the terminated lactations' overall total (see paragraph 1.1.3) and are classified according to the cause of non-qualification (cf. paragraph 1.3.2) but are not included in the calculation of milk yield and contents results.

The herds for which lactation results are calculated are the only ones taken into account in this document. This total is therefore slightly higher than the number of « active herds » (see results presented in paragraph 1.1) because it takes into account some herds that have been controlled during the previous year but were not active anymore after the 31st of December 2022.

Into the paragraph 1.3.2, the proportion of the non-qualified lactations due to cause of non-qualification 1 (i.e. excessively long interval between calving and the 1st test-date) or to cause A (i.e. Interval between calving and 1st test-date > 95 days) and related to a herd with first MR contract is determined as follows:

The first condition is that the date of beginning of the lactation, (= calving date) taken into account in the current results must be prior to the starting date of MR contract of the herd the cow belongs to (link between a cow and a herd is searched at the last test-date in milk of the cow).

In case this first condition is met, one determines whether a previous MR contract did exist for the relevant herd:

- if so, the interval between the date when the previous MR contract ended and the starting date of the next MR contract is calculated. If this interval is over 365 days long, it is considered as a first MR contract for the relevant herd,
- if not so, it is also considered as a first MR contract for the relevant herd.

Only local areas (= French « départements ») for which more than 40 lactations results counted up are in tables 3.2, 3.4 and 3.6. The results presented in tables 3.3, 3.5 and 3.7 take into account only breeds for which at least 40 lactations have been counted up in the corresponding local area.

This document has been produced with the substantial assistance in programming of Mrs N. Weiswald (Genetic Information Processing Centre in Jouy-en-Josas).



Trends for 2022

32,669 herds provided 1,968,566 qualified lactations in 2022. Decreasing respectively from 6.7% and 6.6% the herd number and the number of qualified lactations confirm the trend observed since several years.

The three main French national breeds (Prim'Holstein, Montbéliarde and Normande) represent henceforth 90.2% of the total of qualified lactations (-0.4% compared to 2021).

With 48.2 %, the percentage of herds of more than 60 qualified lactations which was stable the previous year increased again in 2022, confirming the upward trend observed for several years (46.8 in 2021 and 2020, 47.5 in 2019, 45.1% in 2018 and 40.1% in 2017). In the same time, with 69.8% the rate of qualified lactations they represent follow the same trend (68.8 in 2021 and 2020, 69% in 2019, 66.9% in 2018 and 63.1% in 2017).

With an average milk production for complete lactations at 8,878 Kg, the milk yield is slight decreasing in 2022 (-9kg). In the same time the average lactation duration reach 345 days (+1 day). Mean fat and protein rates follow different trends. Mean fat is stable at 40.6 g/kg while mean proteins is decreasing at 32.7 g/kg (-0.1).

A noticeable improvement in somatic cell count situation is again observed. The proportion of lactations for which all the test-dates obtain cell counts lower than 300.000 cells and the proportion of lactations having at least 2 test-dates with cell counts higher than 800.000 reach respectively 57.9% et 10.3%.



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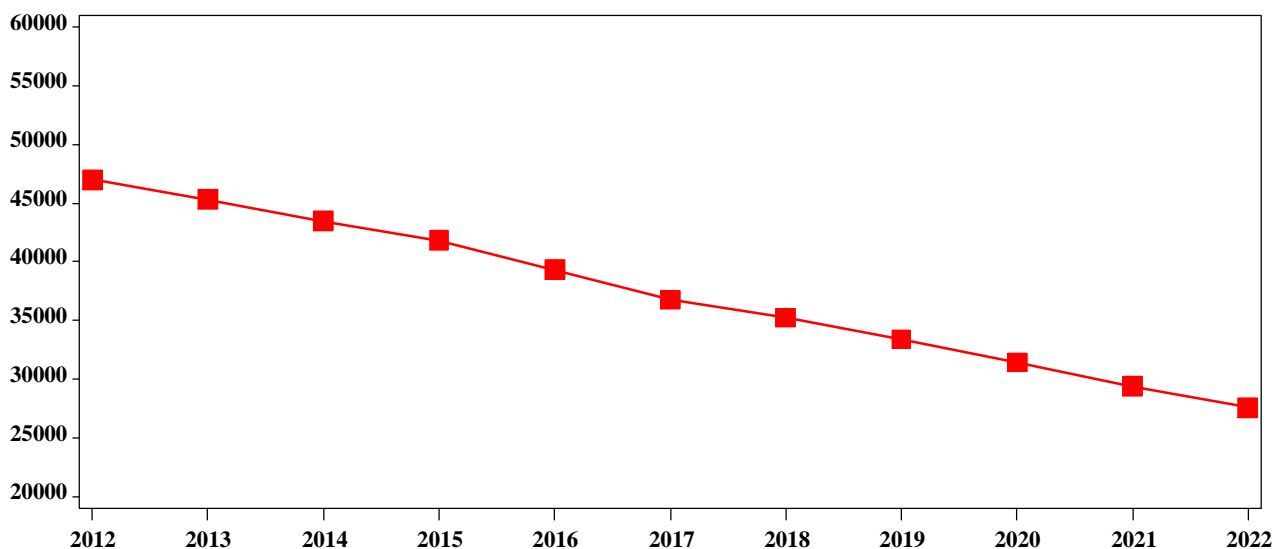


I - NATIONAL RESULTS

1.1 - Total milk recorded population

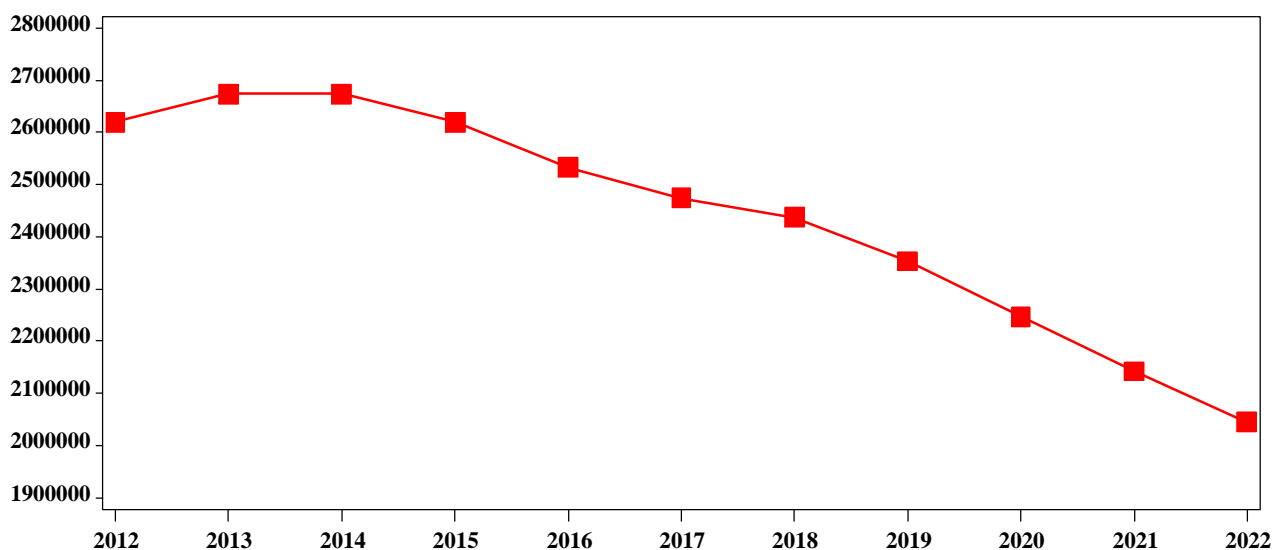
1.1.1 - Total number of active herds on December, 31st, 2022*

27,570 herds



1.1.2 - Total number of active cows on December, 31st, 2022*

2,044,537 cows



For information about how the number of “active herds” and “active cows” is calculated, refer to « Data processing » paragraph (cf. page 4).



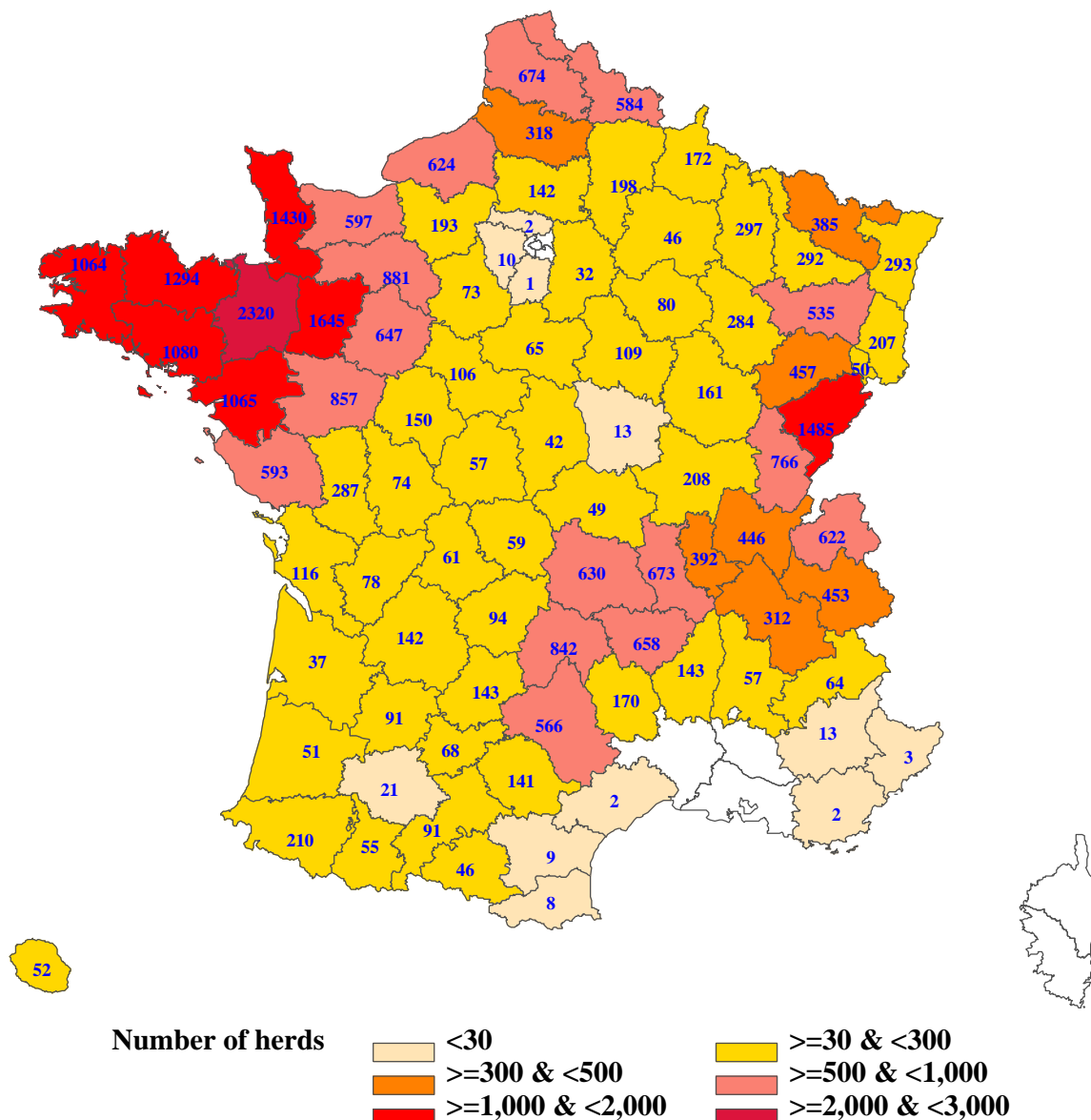
1.1.3 - Terminated lactations

These results take into account the last terminated lactation (qualified or not) of each animal (refer to paragraph « Data processing » on page 4 for further details).

1.1.3.1 - Total number of herds with terminated lactations

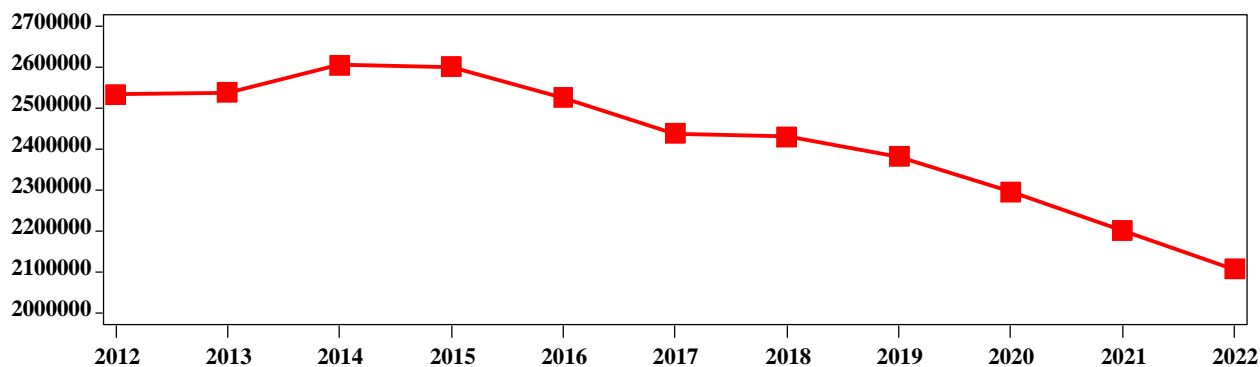
30,615 herds

Herd distribution with terminated lactations per local area (= French “département”)

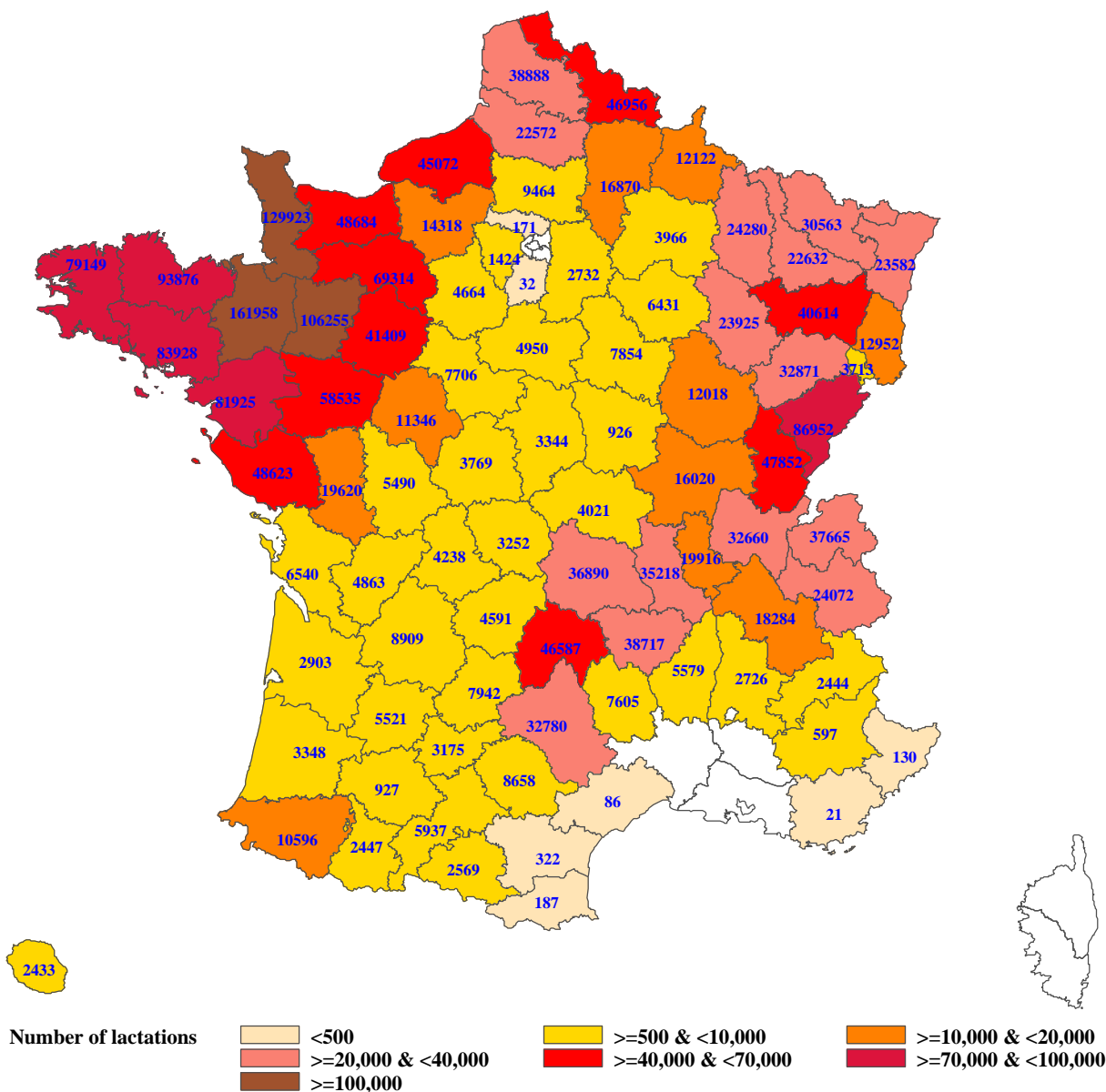


1.1.3.2 - Total number of terminated lactations

2,107,596 lactations



Distribution of terminated lactations per local area



1.2 - Qualified lactations

This table shows the distribution of qualified lactations according to the year of calving and of drying off.

Year of calving	Year of drying off								Overall total	
	2019		2020		2021		2022			
	Nb	%	Nb	%	Nb	%	Nb	%	Nb	%
2019	3,590	0.2	38,343	1.9	8,506	0.4	3,810	0.2	54,249	2.8
2020			5,134	0.3	170,624	8.7	118,562	6.0	294,320	15.0
2021					54,735	2.8	1,351,960	68.7	1,406,695	71.5
2022							213,302	10.8	213,302	10.8
Overall total	3,590	0.2	43,477	2.2	233,865	11.9	1,687,634	85.7	1,968,566	100

For example: 1,351,960 qualified lactations (that is to say 68.7 % of the overall total) match the following criteria: a calving date in 2021 a drying off date in 2022.

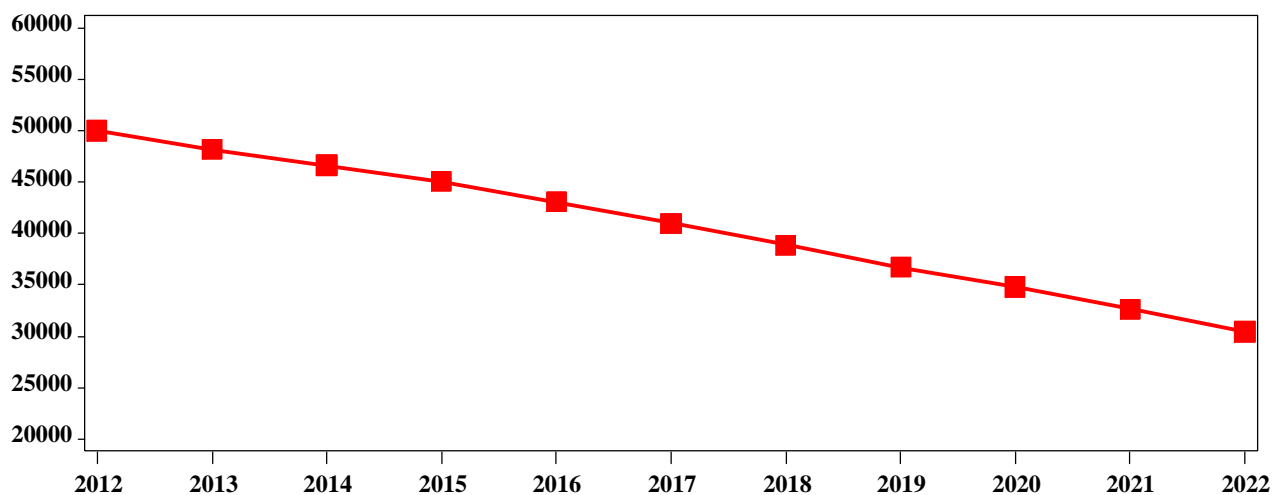


1.2.1 - Complete lactations

These results take in account all the qualified lactations, with no delete or no kind of adjustment, whatever their duration.

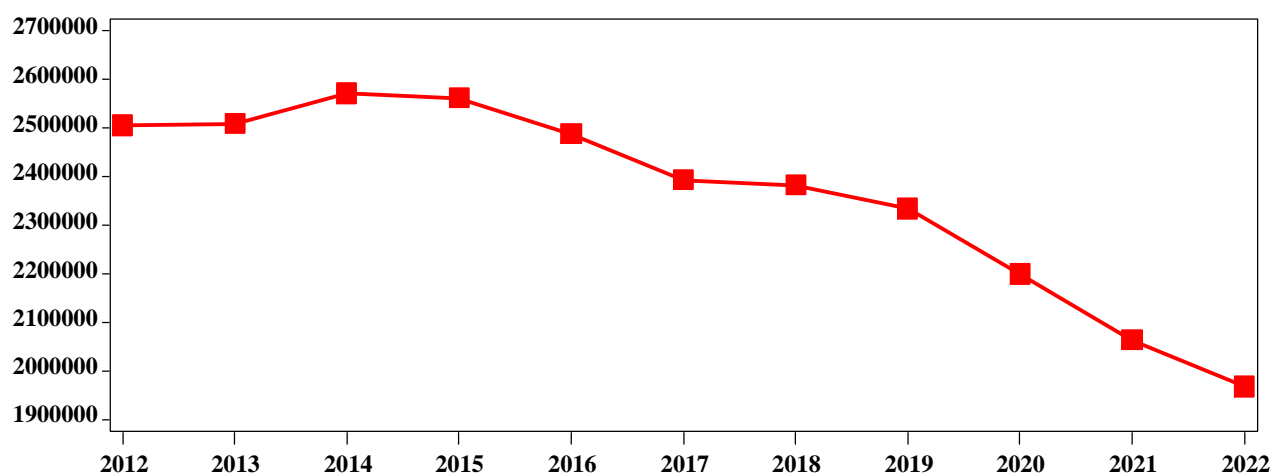
1.2.1.1 - Total number of herds which provided complete lactation results

30,458 herds



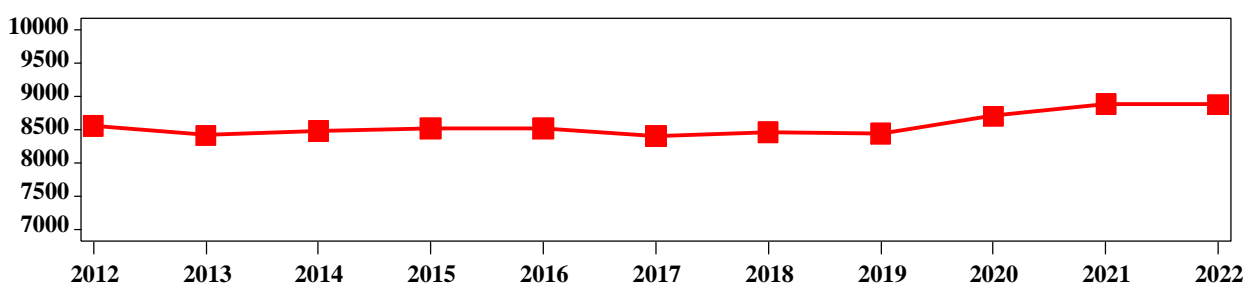
1.2.1.2 - Total number of complete lactations

1,968,566 lactations

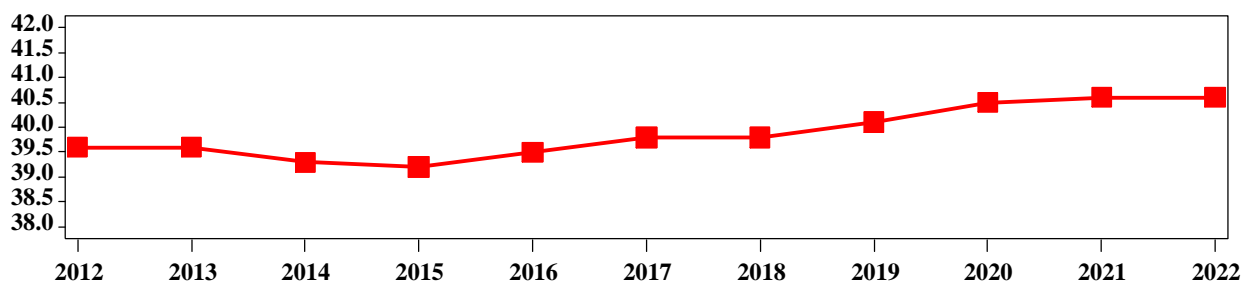


		2022	Variation 2022/2021	2021
Number of results		1,968,566	-95,565	2,064,131
Lactation duration	days	345	1	344
Milk yield	kg	8,878	-9	8,887
Fat content	kg	360	-1	361
Fat ‰	g/kg	40.6	0.0	40.6
True protein content	kg	291	-1	292
True protein	g/kg	32.7	-0.2	32.9
Protein ‰	g/kg	34.5	-0.1	34.6
True protein + fat content	kg	651	-2	653
True protein + fat ‰	g/kg	73.3	-0.2	73.5

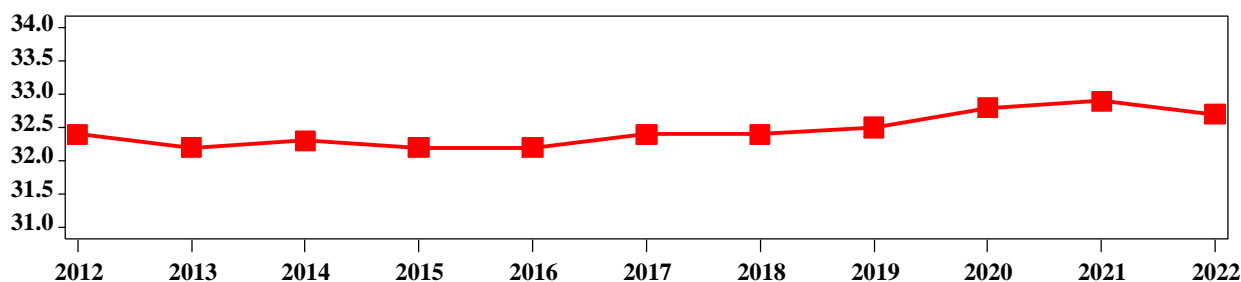
Milk yield – complete lactations - kg



Fat ‰ – complete lactations - g/kg

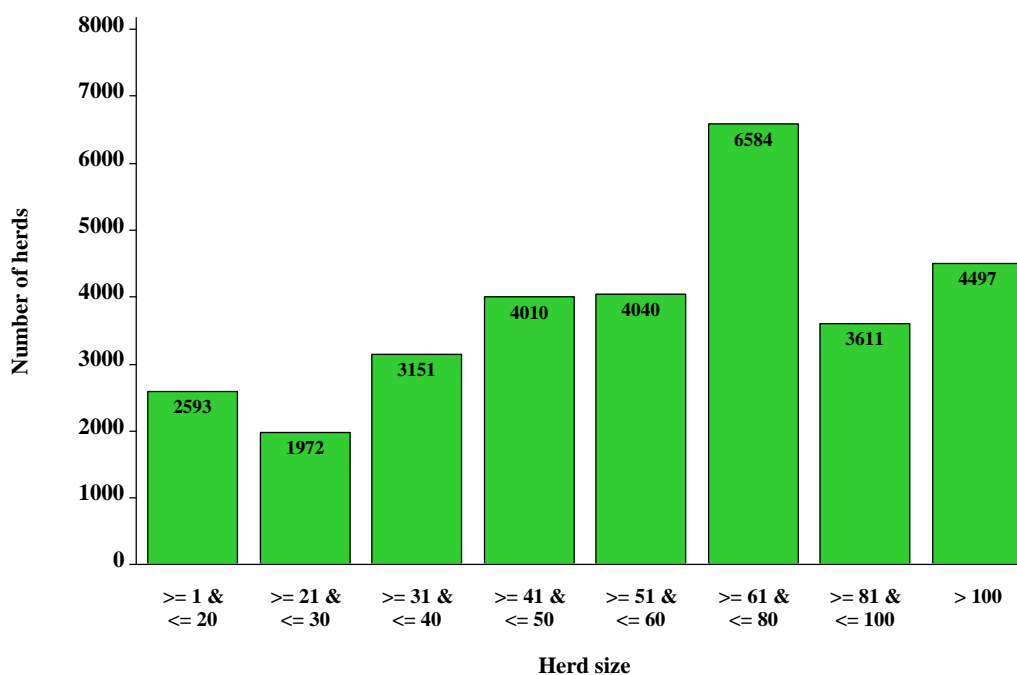


True protein ‰ – complete lactations - g/kg



1.2.2 - Herds distribution per herd size

Herd size	Herds		Lactation results		Milk yield	Fat %	True protein %	Duration
	<i>Nb</i>	%	<i>Nb</i>	%	<i>kg</i>	<i>g/kg</i>	<i>g/kg</i>	<i>days</i>
>=1 & <=20	2,593	8.5	23,005	1.2	7,444	40.4	32.6	333
>=21 & <=30	1,972	6.5	51,360	2.6	7,567	40.3	32.7	346
>=31 & <=40	3,151	10.3	112,618	5.7	7,923	40.3	32.7	346
>=41 & <=50	4,010	13.2	182,748	9.3	8,232	40.5	32.7	347
>=51 & <=60	4,040	13.3	224,157	11.4	8,662	40.6	32.7	349
>=61 & <=80	6,584	21.6	457,622	23.2	8,895	40.6	32.7	346
>=81 & <=100	3,611	11.9	323,157	16.4	9,031	40.7	32.8	344
>100	4,497	14.8	593,899	30.2	9,414	40.6	32.7	341
Overall total	30,458	100	1,968,566	100	8,878	40.6	32.7	345

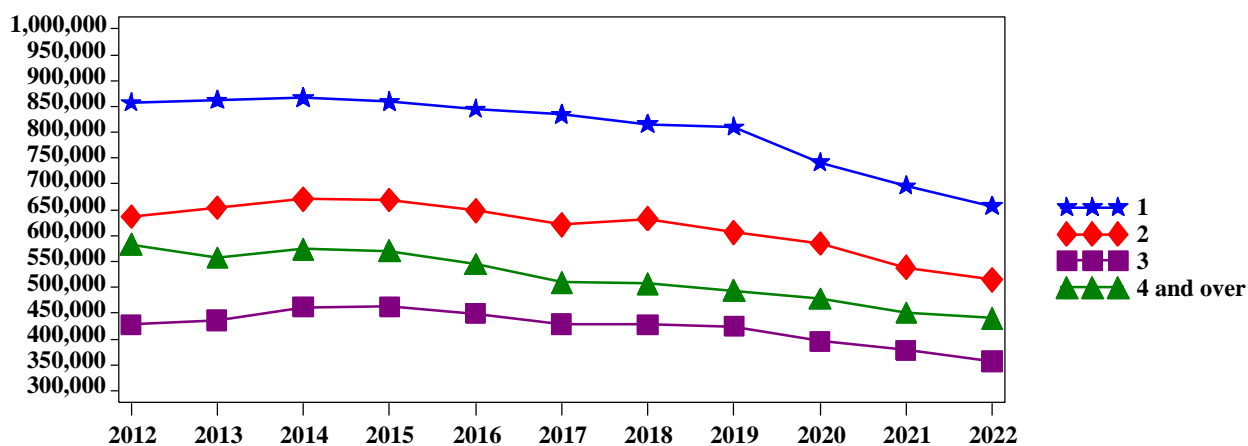


1.2.3 - Complete lactations per parity

1.2.3.1 - Number and percentage of results per parity

Parity	Number	%
1st lactation	657,195	33.4
2nd lactation	514,331	26.1
3rd lactation	356,802	18.1
4th lactation	222,375	11.3
5th lactation	118,595	6.0
6th lactation	58,287	3.0
7th lactation	25,116	1.3
Lactation 8 and over	15,865	0.8
Overall total	1,968,566	100

Average parity 2.5

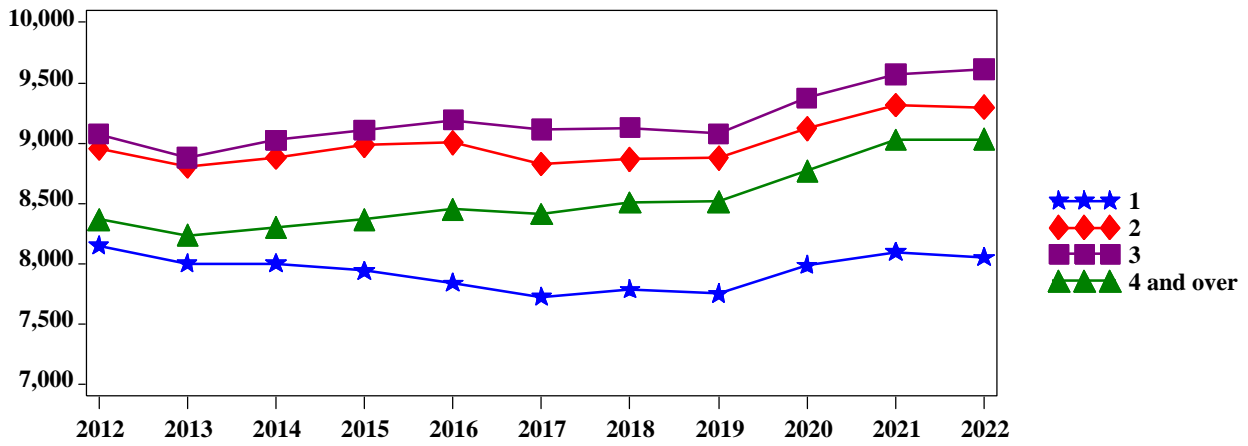


1.2.3.2 - Average results of complete lactations per parity (1st, 2nd, 3rd, 4th and over)

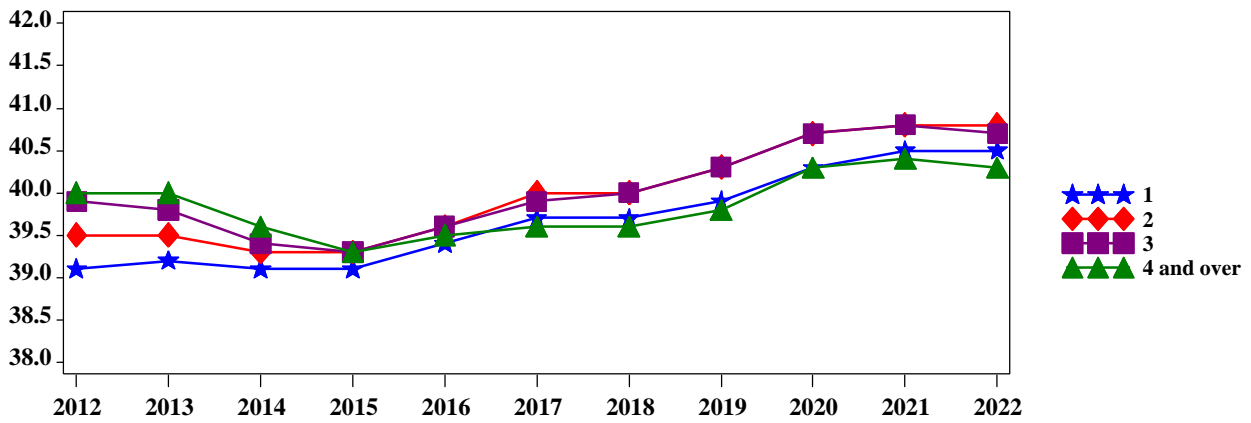
Parity		1	2	3	4 and over
Number of results		657,195	514,331	356,802	440,238
% of the results		33.4	26.1	18.1	22.4
Lactation duration	days	347	348	345	336
Milk yield	kg	8,051	9,295	9,612	9,031
Fat content	kg	326	379	391	364
Fat ‰	g/kg	40.5	40.8	40.7	40.3
True protein content	kg	265	307	314	292
True protein ‰	g/kg	32.9	33.0	32.6	32.3
True protein + fat content	kg	591	686	705	656
True protein + fat ‰	g/kg	73.5	73.8	73.3	72.6



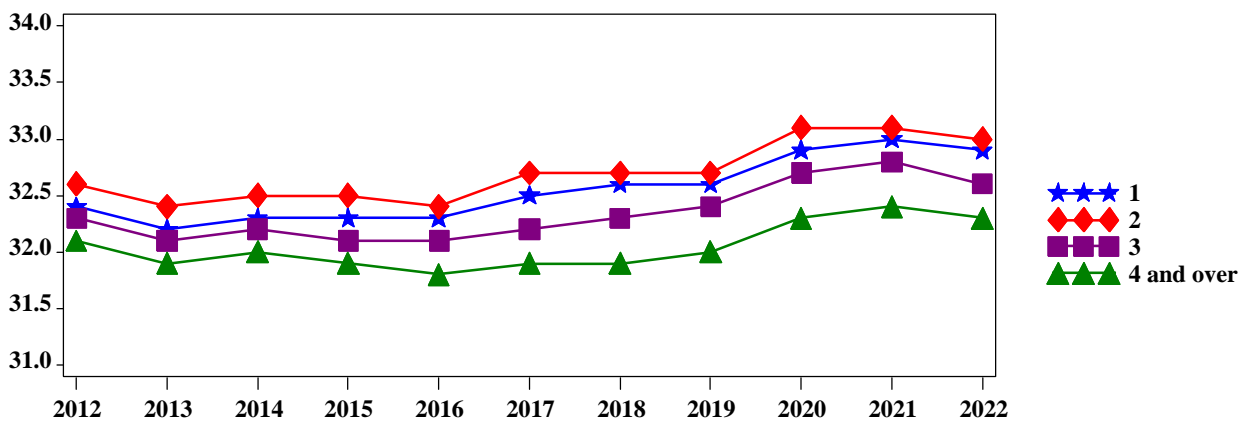
Milk yield – complete lactations - kg



Fat % – complete lactations - g/kg



True protein % – complete lactations - g/kg



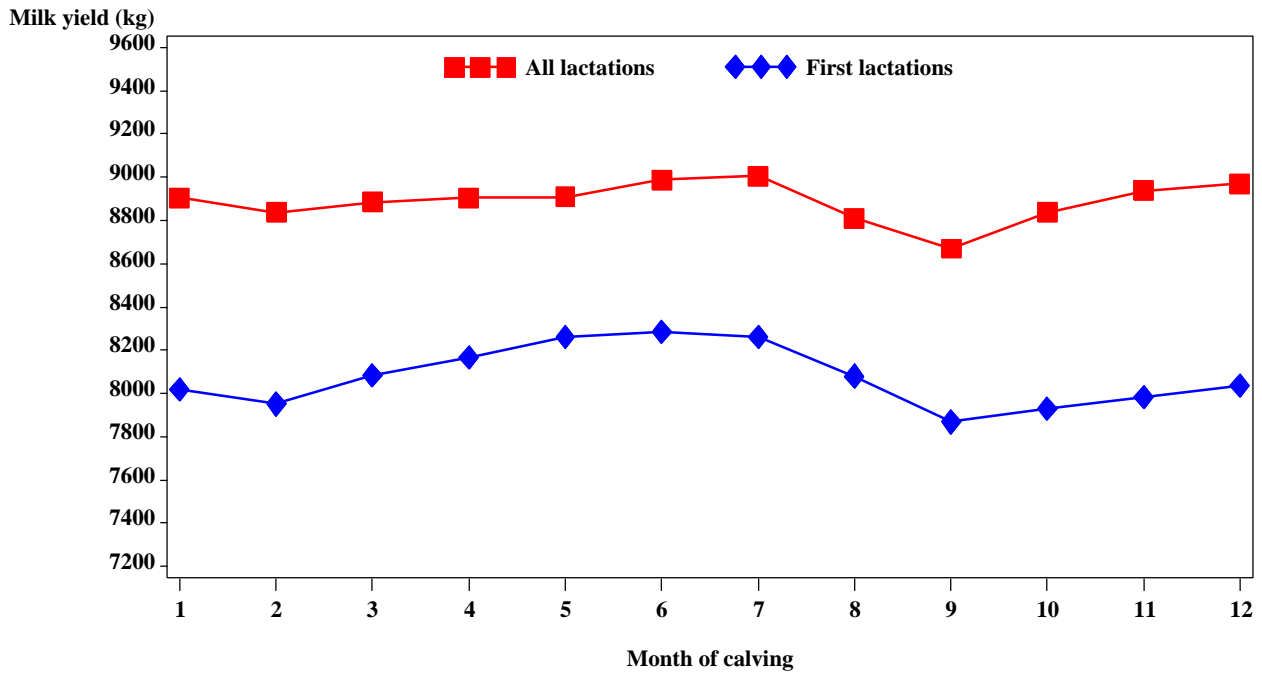
1.2.4 - Complete lactations per month of calving - all lactations and first lactations

Month of calving	All lactations									
	Number of lactations	%	Lactation duration days	Milk yield kg	Fat content kg	Fat ‰ g/kg	True protein content kg	True protein ‰ g/kg	Fat + true protein content kg	Fat + true protein ‰ g/kg
January	164,085	8.3	341	8,905	358	40.2	289	32.5	647	72.6
February	136,408	6.9	342	8,838	356	40.3	288	32.5	643	72.8
March	134,173	6.8	348	8,885	359	40.4	290	32.6	649	73.1
April	118,205	6.0	351	8,904	362	40.6	291	32.6	652	73.2
May	110,416	5.6	352	8,909	363	40.7	291	32.7	654	73.4
June	129,012	6.6	353	8,987	368	41.0	296	32.9	664	73.8
July	154,320	7.8	348	9,007	368	40.8	297	32.9	664	73.8
August	194,526	9.9	343	8,810	361	40.9	291	33.0	652	74.0
September	225,010	11.4	341	8,670	354	40.9	286	33.0	641	73.9
October	213,039	10.8	342	8,837	359	40.7	290	32.8	650	73.5
November	203,355	10.3	342	8,938	361	40.4	292	32.6	653	73.0
December	186,017	9.4	342	8,970	360	40.1	291	32.5	651	72.6
Overall total	1,968,566	100	345	8,878	360	40.6	291	32.7	651	73.3

Month of calving	First lactations									
	Number of lactations	%	Lactation duration days	Milk yield kg	Fat content kg	Fat ‰ g/kg	True protein content kg	True protein ‰ g/kg	Fat + true protein content kg	Fat + true protein ‰ g/kg
January	56,574	8.6	346	8,017	321	40.1	263	32.7	584	72.8
February	44,699	6.8	345	7,951	321	40.3	261	32.8	582	73.2
March	43,575	6.6	352	8,084	328	40.6	266	32.9	594	73.5
April	40,903	6.2	355	8,168	333	40.8	269	32.9	602	73.7
May	39,300	6.0	357	8,262	337	40.8	272	32.9	609	73.7
June	42,022	6.4	356	8,284	339	41.0	273	33.0	612	73.9
July	45,412	6.9	352	8,261	337	40.8	273	33.0	610	73.8
August	59,371	9.0	346	8,080	330	40.8	267	33.1	597	73.9
September	79,718	12.1	342	7,868	320	40.7	260	33.1	580	73.7
October	74,438	11.3	343	7,930	321	40.5	262	33.0	583	73.5
November	68,105	10.4	344	7,985	322	40.3	262	32.8	584	73.1
December	63,078	9.6	345	8,038	322	40.1	263	32.7	585	72.8
Overall total	657,195	100	347	8,051	326	40.5	265	32.9	591	73.5



Milk yield per calving month – kg



1.2.5 - 305-d lactations (= reference lactations)

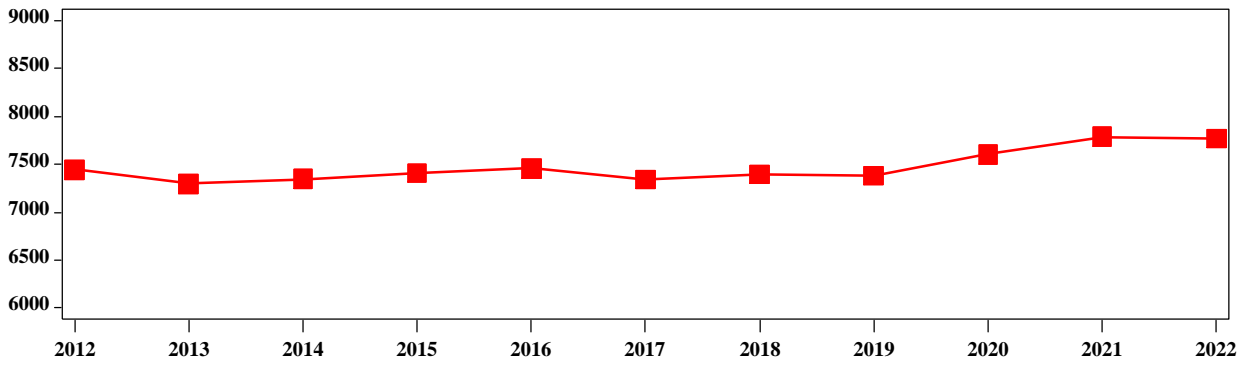
Two scenarios are possible for calculating the reference lactations:

1. **The complete lactation exceeds the reference period (305 days).** In this case, the results of the reference are calculated by interpolation, using the Fleischmann method.
2. **Complete lactation does not exceed the reference period.** In this case, the results of the reference lactation are those of the complete lactation.

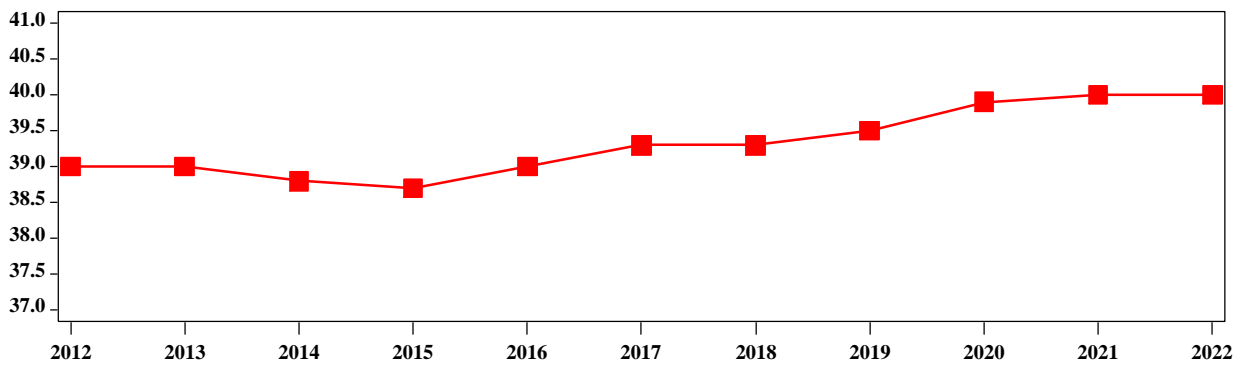
		2022	2021
Milk yield	kg	7,770	7,786
Fat content	kg	311	312
Fat %	g/kg	40.0	40.0
True protein content	kg	250	252
True protein %	g/kg	32.2	32.3
Fat + true protein content	kg	561	563
Fat + true protein %	g/kg	72.2	72.4



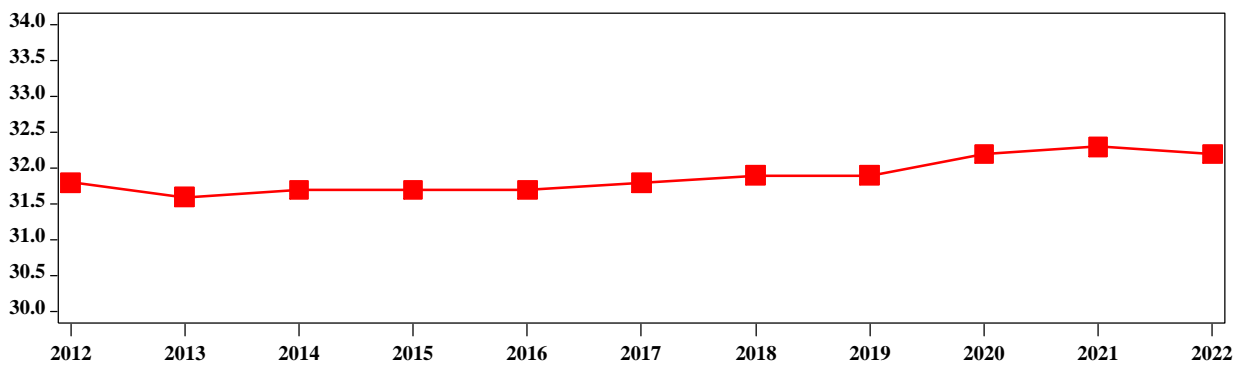
Milk yield - 305-d lactations - kg



Fat % - 305-d lactations - g/kg



True protein % - 305-d lactations - g/kg



1.2.6 - Adjusted lactations

Steps taken to obtain these results:

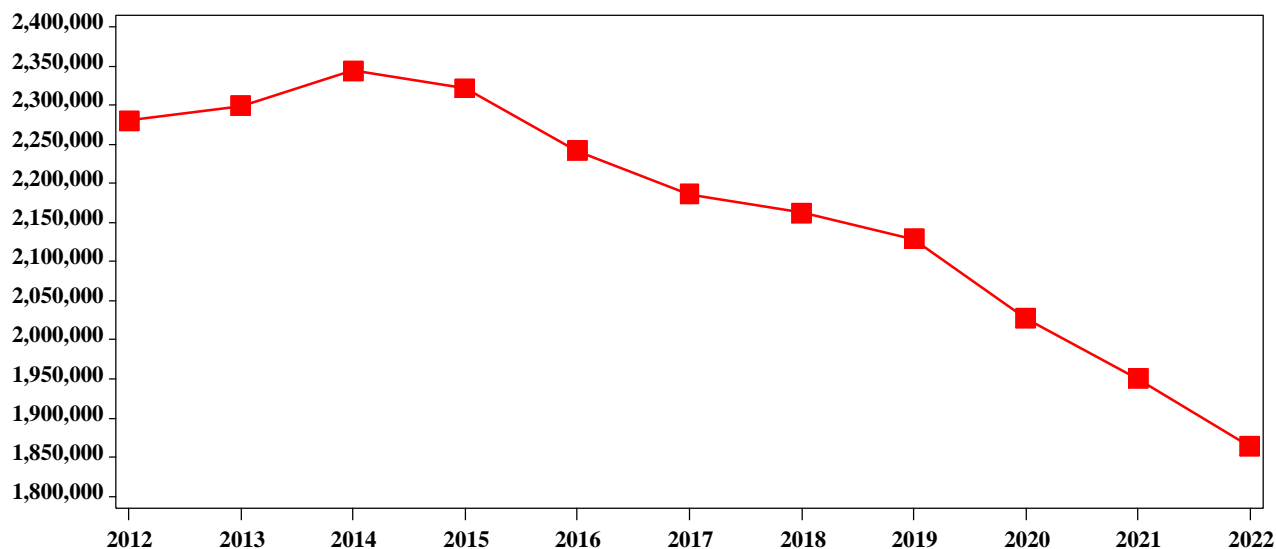
Firstly, exclusion of the lactations with duration lower than 200 days (representing 104,741 lactations, that is to say 5.3 % of the total number).

Secondly, the remaining lactations are adjusted to adult level by multiplying the results for parity 1 to 3 by the following coefficients defined by the French National Institute for Agricultural Research (INRA):

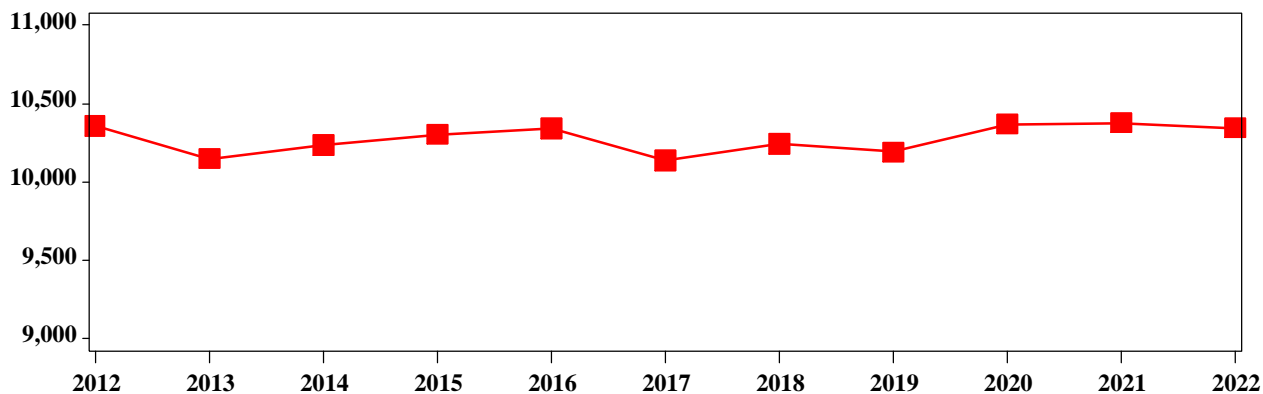
1.30 for 1st lactations ; 1.12 for 2nd lactations ; 1.03 for 3rd lactations ; 1.00 for lactations 4 and over.

		2022	2021
Complete lactations	<i>Nb</i>	1,968,566	2,064,131
Adjusted lactations	<i>Nb</i>	1,863,825	1,950,345
	<i>%</i>	95%	94%
Lactation duration	<i>days</i>	355	355
Milk yield	<i>kg</i>	10,343	10,378
Fat content	<i>kg</i>	420	422
Fat ‰	<i>g/kg</i>	40.6	40.7
True protein content	<i>kg</i>	339	342
True protein ‰	<i>g/kg</i>	32.8	32.9
Fat + true protein content	<i>kg</i>	759	764
Fat + true protein ‰	<i>g/kg</i>	73.4	73.6

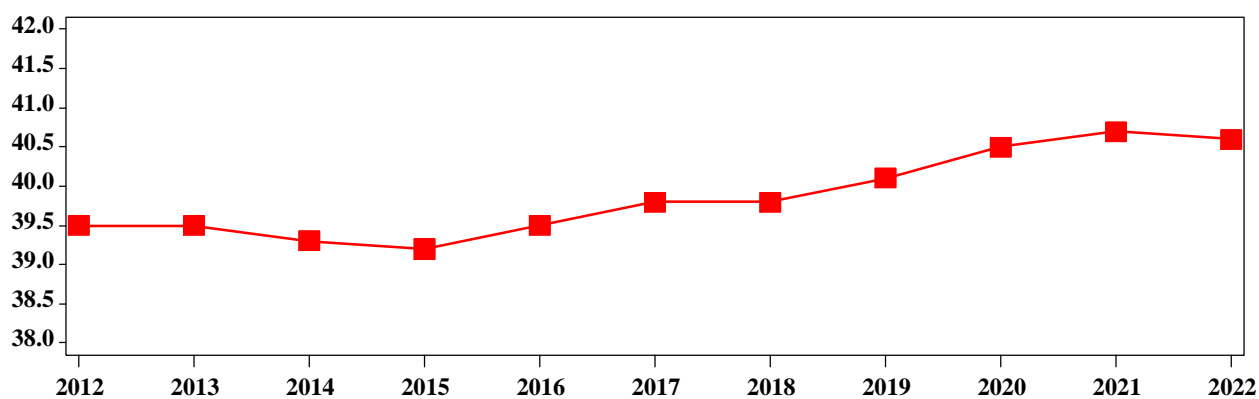
Number of adjusted lactations



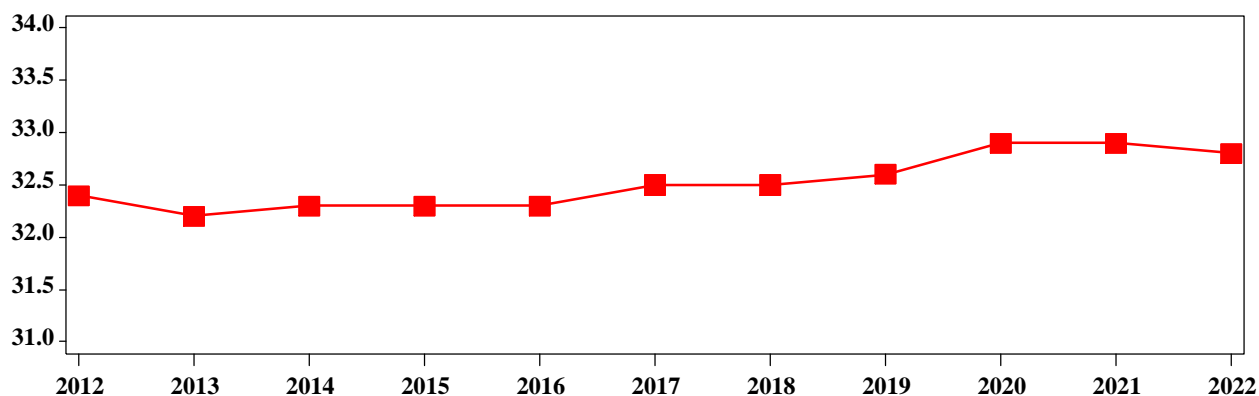
Milk yield - adjusted lactations - kg



Fat % - adjusted lactations - g/kg

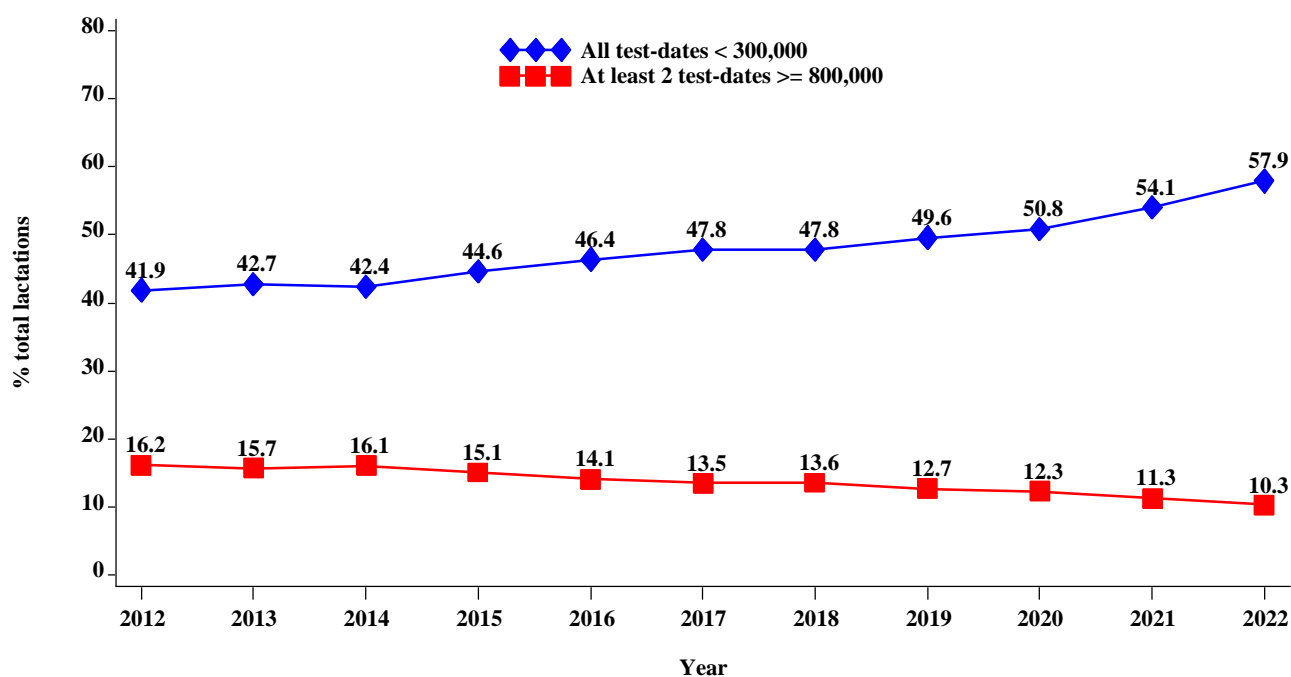


True protein % - adjusted lactations - g/kg



1.2.7 - Evolution of the individual cell count results

Year	At least 2 test-dates with cell count $\geq 800,000$		Lactations with All the test-dates with cell count $< 300,000$		Intermediate somatic cell counts		Overall total
	Nb	%	Nb	%	Nb	%	
2012	405,313	16.2	1,049,558	41.9	1,051,072	41.9	2,505,943
2013	393,158	15.7	1,070,375	42.7	1,046,094	41.7	2,509,627
2014	415,073	16.1	1,089,574	42.4	1,067,377	41.5	2,572,024
2015	387,179	15.1	1,143,536	44.6	1,031,468	40.3	2,562,183
2016	351,106	14.1	1,154,341	46.4	982,703	39.5	2,488,150
2017	322,706	13.5	1,143,090	47.8	927,988	38.8	2,393,784
2018	325,037	13.6	1,140,258	47.8	918,244	38.5	2,383,539
2019	296,944	12.7	1,157,271	49.6	880,704	37.7	2,334,919
2020	271,132	12.3	1,117,590	50.8	811,930	36.9	2,200,652
2021	232,486	11.3	1,117,110	54.1	714,535	34.6	2,064,131
2022	202,668	10.3	1,139,603	57.9	626,295	31.8	1,968,566



Compared to 2021, the percentage of lactations with at least 2 test-dates $>800,000$ cells decreases of -1.0% in 2022, whereas the percentage of lactations with all test-dates $<300,000$ cells increases of 3.8%.



1.3 - Lactation qualification

1.3.1 - Qualified lactations per qualification method

Qualification method	Number of qualified lactations	%
A4	486,944	24.7
A5	209,808	10.7
A6	90,106	4.6
A7	43,868	2.2
A8	42,184	2.1
A9	23,475	1.2
AR*4	25,854	1.3
AR*5	15,762	0.8
AR*6	8,204	0.4
AR*7	10,700	0.5
AR*8	24,211	1.2
AR*9	5,892	0.3
AR4	3,793	0.2
AR5	2,943	0.1
AR6	1,908	0.1
AR7	2,418	0.1
AR8	4,254	0.2
AR9	1,664	0.1
AT*4	101,629	5.2
AT*5	59,960	3.0
AT*6	25,236	1.3
AT*7	10,952	0.6
AT*8	8,439	0.4
AT*9	5,994	0.3
AT4	147,768	7.5
AT5	78,955	4.0
AT6	29,356	1.5
AT7	11,816	0.6
AT8	10,008	0.5
AT9	7,925	0.4
B4	86,651	4.4
B5	54,284	2.8
B6	27,937	1.4
B7	13,671	0.7
B8	14,455	0.7
B9	6,902	0.4
BR4	11,222	0.6
BR5	12,422	0.6
BR6	9,043	0.5
BR7	7,723	0.4
BR8	14,373	0.7
BR9	3,833	0.2



Qualified lactations per qualification method (cont.)

Qualification method	Number of qualified lactations	%
BR*4	24,017	1.2
BR*5	17,867	0.9
BR*6	12,186	0.6
BR*7	15,522	0.8
BR*8	30,956	1.6
BR*9	8,979	0.5
BT*4	6,735	0.3
BT*5	5,995	0.3
BT*6	3,663	0.2
BT*7	1,656	0.1
BT*8	1,623	0.1
BT*9	913	0.0
BT4	6,638	0.3
BT5	4,018	0.2
BT6	1,660	0.1
BT7	712	0.0
BT8	573	0.0
BT9	336	0.0
BZ*4	5,115	0.3
BZ*5	3,415	0.2
BZ*6	1,675	0.1
BZ*7	838	0.0
BZ*8	938	0.0
BZ*9	463	0.0
BZ4	1,162	0.1
BZ5	851	0.0
BZ6	349	0.0
BZ7	140	0.0
BZ8	147	0.0
BZ9	192	0.0
CZ*4	14,361	0.7
CZ*5	6,212	0.3
CZ*6	2,624	0.1
CZ*7	1,538	0.1
CZ*8	1,517	0.1
CZ*9	696	0.0
CZ4	11,389	0.6
CZ5	2,840	0.1
CZ6	1,273	0.1
CZ7	745	0.0
CZ8	960	0.0
CZ9	535	0.0
Total	1,968,566	100



1.3.2 - Qualified lactations per milk recording method

Method	All protocols		Protocols																					
	Num	%Meth	A		AR et AR*			AT et AT*			B		BR et BR*			BT et BT*			BZ et BZ*			CZ et CZ*		
			Num	%A	Num	%AR	%AR*	Num	%AT	%AT*	Num	%A	Num	%BR	%BR*	Num	%BT	%BT*	Num	%BZ	%BZ*	Num	%CZ	%CZ*
4	933,278	47.4	486,944	24.7	29,647	0.2	1.3	249,397	7.5	5.2	86,651	4.4	35,239	0.6	1.2	13,373	0.3	0.3	6,277	0.1	0.3	25,750	0.6	0.7
5	475,332	24.1	209,808	10.7	18,705	0.1	0.8	138,915	4.0	3.0	54,284	2.8	30,289	0.6	0.9	10,013	0.2	0.3	4,266	0.0	0.2	9,052	0.1	0.3
6	215,220	10.9	90,106	4.6	10,112	0.1	0.4	54,592	1.5	1.3	27,937	1.4	21,229	0.5	0.6	5,323	0.1	0.2	2,024	0.0	0.1	3,897	0.1	0.1
7	122,299	6.2	43,868	2.2	13,118	0.1	0.5	22,768	0.6	0.6	13,671	0.7	23,245	0.4	0.8	2,368	0.0	0.1	978	0.0	0.0	2,283	0.0	0.1
8	154,638	7.9	42,184	2.1	28,465	0.2	1.2	18,447	0.5	0.4	14,455	0.7	45,329	0.7	1.6	2,196	0.0	0.1	1,085	0.0	0.0	2,477	0.0	0.1
9	67,799	3.4	23,475	1.2	7,556	0.1	0.3	13,919	0.4	0.3	6,902	0.4	12,812	0.2	0.5	1,249	0.0	0.0	655	0.0	0.0	1,231	0.0	0.0
Total	1,968,566	100.0	896,385	45.5	107,603	0.9	4.6	498,038	14.5	10.8	203,900	10.4	168,143	3.0	5.6	34,522	0.7	1.0	15,285	0.1	0.6	44,690	0.9	1.4

1.3.3 - Qualified lactations per milk recording protocol

Protocols	All methods		Méthods											
	Nb	%Meth	4		5		6		7		8		9	
			Num	%A	Num	%A	Num	%A	Num	%A	Num	%A	Num	%A
A	896,385	45.5	486,944	24.7	209,808	10.7	90,106	4.6	43,868	2.2	42,184	2.1	23,475	1.2
AR	16,980	0.9	3,793	0.2	2,943	0.1	1,908	0.1	2,418	0.1	4,254	0.2	1,664	0.1
AR*	90,623	4.6	25,854	1.3	15,762	0.8	8,204	0.4	10,700	0.5	24,211	1.2	5,892	0.3
AT	285,828	14.5	147,768	7.5	78,955	4.0	29,356	1.5	11,816	0.6	10,008	0.5	7,925	0.4
AT*	212,210	10.8	101,629	5.2	59,960	3.0	25,236	1.3	10,952	0.6	8,439	0.4	5,994	0.3
B	203,900	10.4	86,651	4.4	54,284	2.8	27,937	1.4	13,671	0.7	14,455	0.7	6,902	0.4
BR	58,616	3.0	11,222	0.6	12,422	0.6	9,043	0.5	7,723	0.4	14,373	0.7	3,833	0.2
BR*	109,527	5.6	24,017	1.2	17,867	0.9	12,186	0.6	15,522	0.8	30,956	1.6	8,979	0.5
BT	13,937	0.7	6,638	0.3	4,018	0.2	1,660	0.1	712	0.0	573	0.0	336	0.0
BT*	20,585	1.0	6,735	0.3	5,995	0.3	3,663	0.2	1,656	0.1	1,623	0.1	913	0.0
BZ	2,841	0.1	1,162	0.1	851	0.0	349	0.0	140	0.0	147	0.0	192	0.0
BZ*	12,444	0.6	5,115	0.3	3,415	0.2	1,675	0.1	838	0.0	938	0.0	463	0.0
CZ	17,742	0.9	11,389	0.6	2,840	0.1	1,273	0.1	745	0.0	960	0.0	535	0.0
CZ*	26,948	1.4	14,361	0.7	6,212	0.3	2,624	0.1	1,538	0.1	1,517	0.1	696	0.0
Total	1,968,566	100.0	933,278	47.4	475,332	24.1	215,220	10.9	122,299	6.2	154,638	7.9	67,799	3.4



1.3.4 - Distribution of non-qualified lactations by cause of non-qualification

Cause of non-qualification	Number of non-qualified lactations	%
1 - Interval too long between calving and 1st test-date	4	0.0
2 - Over 2 test-dates without milk record	6	0.0
3 - Over 3 test-dates without fat or true protein rate	2	0.0
4 - Not allowed interval between 2 test-dates	85	0.1
5 - Over one interval between 2 test-dates particularly long	10	0.0
6 - Over 3 long intervals between 2 test-dates	2	0.0
7 - Average interval between 2 test-dates too long	139	0.1
A - Interval between calving and 1st test-date > 95 days	21,290	15.3
B - Less than 3 complete test-dates during 305 days of lactation.	84,197	60.6
C - Interval between complete test-days > 95 days	29,235	21.0
D - Average interval between all test-days over 305 lactation days \geq 75 days	4,060	2.9
Overall total	139,030	100

Proportion of new MR contracts in not qualified lactations for the cause NQ = A

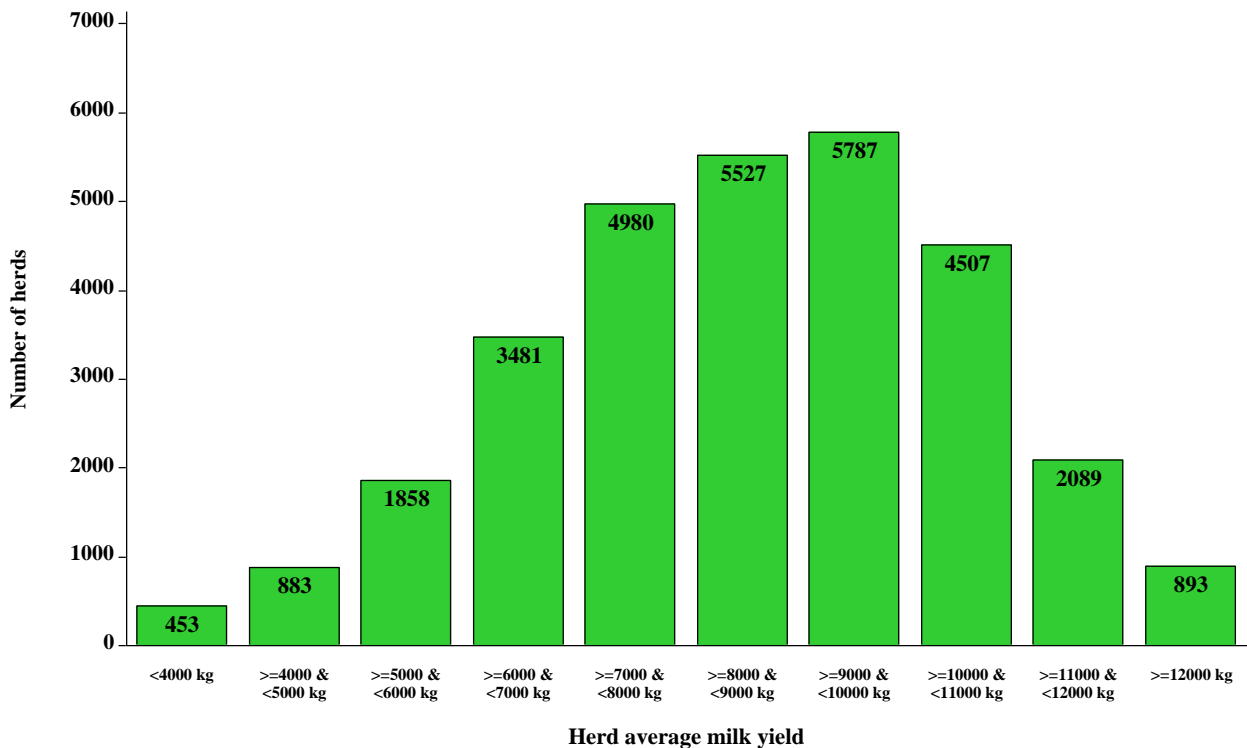
23.8%

¹Non-qualification causes from 1 to 7 correspond to lactations completed before March 9, 2020. Causes from A to D correspond to lactations completed from March 9, 2020.



1.4 - Herd distribution per milk yield level

Herd average milk yield	Herds		Lactations		Complete lactation milk yield kg	Fat % g/kg	True protein % g/kg	Lactation duration days	305-d lactation milk yield kg	Calving interval days
	Nb	%	Nb	%						
<4000 kg	453	1.5	11,346	0.6	3,377	39.9	32.6	273	3,208	409
>=4000 & <5000 kg	883	2.9	33,763	1.7	4,574	39.7	32.5	303	4,259	409
>=5000 & <6000 kg	1,858	6.1	83,597	4.2	5,575	39.8	32.6	320	5,083	410
>=6000 & <7000 kg	3,481	11.4	183,795	9.3	6,562	39.8	32.7	325	5,957	406
>=7000 & <8000 kg	4,980	16.4	298,744	15.2	7,528	40.3	33.0	333	6,751	407
>=8000 & <9000 kg	5,527	18.1	369,042	18.7	8,512	40.7	32.8	343	7,508	411
>=9000 & <10000 kg	5,787	19.0	419,084	21.3	9,511	40.8	32.6	350	8,297	411
>=10000 & <11000 kg	4,507	14.8	348,041	17.7	10,456	40.8	32.7	356	9,021	412
>=11000 & <12000 kg	2,089	6.9	159,833	8.1	11,420	40.7	32.7	367	9,692	415
>=12000 kg	893	2.9	61,321	3.1	12,598	40.4	32.8	381	10,467	420
Overall total	30,458	100	1,968,566	100	8,878	40.6	32.7	345	7,770	410

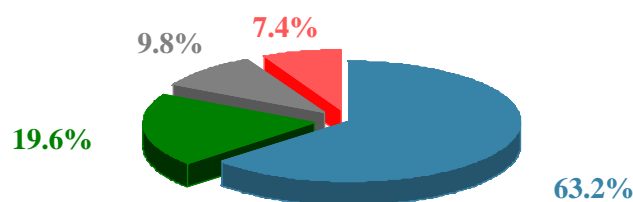


II - RESULTS PER BREED

2.1 - Complete lactations - all lactations

French breed code	Breed	Number of lactations	Lactation duration days	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat + true protein content kg	Fat + true protein % g/kg	Calving Interval days *
66	Prim'Holstein	1,244,946	353	9,746	397	40.7	315	32.4	712	73.0	415
46	Montbéliarde	385,514	324	7,635	299	39.2	254	33.3	553	72.5	400
56	Normande	145,103	341	7,062	300	42.5	246	34.8	546	77.3	407
39	Crossbred	105,508	338	7,851	321	40.9	257	32.8	579	73.7	406
12	Abondance	23,265	305	5,669	206	36.4	187	33.0	393	69.4	405
21	Brune	15,950	355	7,870	336	42.6	272	34.6	608	77.2	426
35	Simmental Française	15,348	323	6,784	275	40.5	229	33.8	504	74.3	398
15	Jersiaise	11,822	336	5,327	298	55.9	207	38.8	505	94.7	409
31	Tarentaise	8,798	288	4,435	163	36.8	144	32.4	307	69.2	404
19	Pie Rouge des Plaines	8,051	344	8,390	364	43.4	285	34.0	649	77.3	404
57	Vosgienne	1,286	292	4,154	157	37.7	131	31.7	288	69.3	398
23	Salers	871	246	2,483	84	33.9	81	32.6	165	66.5	375
63	Rouge Flamande	683	320	5,661	223	39.4	184	32.5	407	72.0	396
52	Bleue du Nord	540	291	4,855	181	37.2	152	31.2	332	68.5	398
29	Bretonne Pie Noire	268	259	2,546	112	44.0	84	32.9	196	76.9	386
14	Aubrac	144	201	2,442	96	39.4	83	34.0	179	73.4	387
18	Ayrshire	84	354	8,279	418	50.5	261	31.5	679	82.0	405
53	Villard de Lans	74	261	3,265	131	40.2	104	31.9	235	72.1	390
65	Ferrandaise	48	231	2,259	87	38.3	72	31.7	158	70.0	396
69	Froment du Léon	45	262	2,655	111	41.9	87	32.9	198	74.7	377
		.	.	.	.	.	.	.	.	.	381
	Other breeds	218	296	4,989	226	45.2	173	34.6	398	79.8	393
	Overall total	1,968,566	345	8,878	360	40.6	291	32.7	651	73.3	411

* The calculation of the mean calving interval is carried out with the data of the multiparous only. For the main breeds, the calving interval is given by parity at chapter 2.6 - Detailed results per breed.



■ Prim'Holstein
 ■ Normande
 ■ Montbéliarde
 ■ Other breeds



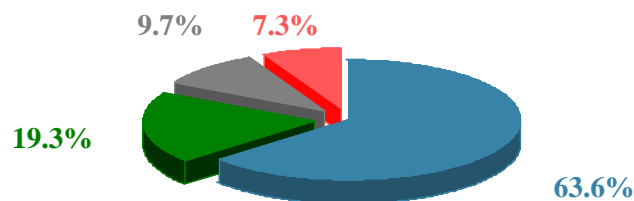
2.2 - Reference lactations (305-d) - all lactations

French breed code	Breed	Number of lactations	Milk yield kg	Fat content kg	Fat ‰ g/kg	True protein content kg	True protein ‰ g/kg	Fat + true protein content kg	Fat + true protein ‰ g/kg
66	Prim'Holstein	1,244,946	8,419	338	40.1	267	31.8	605	71.9
46	Montbéliarde	385,514	6,956	270	38.8	229	32.9	499	71.7
56	Normande	145,103	6,225	261	41.9	214	34.3	474	76.2
39	Crossbred	105,508	6,940	281	40.4	224	32.3	505	72.7
12	Abondance	23,265	5,336	193	36.1	175	32.7	367	68.8
21	Brune	15,950	6,717	282	42.0	228	34.0	511	76.0
35	Simmental Française	15,348	6,228	250	40.1	208	33.4	458	73.5
15	Jersiaise	11,822	4,711	259	55.1	180	38.2	440	93.3
31	Tarentaise	8,798	4,254	156	36.7	137	32.2	293	68.8
19	Pie Rouge des Plaines	8,051	7,446	319	42.8	249	33.4	567	76.2
57	Vosgienne	1,286	3,978	149	37.5	125	31.4	274	68.9
23	Salers	871	2,473	84	33.9	81	32.6	164	66.4
63	Rouge Flamande	683	5,239	205	39.2	169	32.2	374	71.4
52	Bleue du Nord	540	4,634	172	37.1	144	31.0	315	68.1
29	Bretonne Pie Noire	268	2,457	107	43.7	80	32.8	188	76.5
14	Aubrac	144	2,401	94	39.3	81	33.9	176	73.2
18	Ayrshire	84	7,198	361	50.2	223	30.9	584	81.1
53	Villard de Lans	74	3,196	128	40.0	102	31.8	230	71.9
65	Ferrandaise	48	2,158	82	38.0	68	31.5	150	69.4
69	Froment du Léon	45	2,630	110	41.8	86	32.8	196	74.6
	Other breeds	218	4,697	211	45.0	161	34.3	373	79.3
	Overall total	1,968,566	7,770	311	40.0	250	32.2	561	72.2



2.3 - Adjusted lactations - all lactations

French breed code	Breed	Number of lactations	Lactation duration days	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat + true protein content kg	Fat + true protein % g/kg
66	Prim'Holstein	1,186,172	363	11,350	462	40.7	368	32.4	830	73.1
46	Montbéliarde	360,268	336	8,819	346	39.2	294	33.4	640	72.6
56	Normande	136,736	353	8,292	353	42.5	289	34.9	642	77.4
39	Crossbred	99,354	349	9,190	377	41.0	302	32.8	678	73.8
12	Abondance	21,406	318	6,495	237	36.4	215	33.1	451	69.5
21	Brune	15,025	367	9,168	391	42.7	318	34.7	709	77.4
35	Simmental Française	14,422	334	7,812	317	40.6	264	33.8	581	74.4
15	Jersiaise	11,097	348	6,161	345	56.0	239	38.8	584	94.8
31	Tarentaise	7,922	303	5,175	191	36.9	168	32.5	359	69.4
19	Pie Rouge des Plaines	7,741	351	9,573	415	43.4	326	34.0	741	77.4
57	Vosgienne	1,144	309	4,823	182	37.8	153	31.7	335	69.5
23	Salers	721	265	2,879	98	34.1	94	32.7	192	66.8
63	Rouge Flamande	643	330	6,644	262	39.5	216	32.6	479	72.0
52	Bleue du Nord	490	305	5,650	211	37.3	177	31.3	388	68.6
29	Bretonne Pie Noire	210	287	3,141	139	44.4	104	33.1	243	77.5
18	Ayrshire	81	362	9,403	475	50.5	297	31.6	773	82.2
14	Aubrac	69	270	3,722	148	39.9	127	34.2	276	74.1
53	Villard de Lans	59	290	3,969	160	40.2	127	31.9	287	72.2
69	Froment du Léon	36	284	3,082	129	41.8	101	32.8	230	74.6
65	Ferrandaise	28	284	3,097	120	38.6	99	31.9	219	70.6
	Other breeds	201	308	5,820	263	45.2	202	34.7	465	79.8
	Overall total	1,863,825	355	10,343	420	40.6	339	32.8	759	73.4



■ Prim'Holstein
 ■ Normande
 ■ Montbéliarde
 ■ Other breeds



2.4 - Adult 305-day adjusted lactations - all lactations

French breed code	Breed	Number of lactations	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Protein %* g/kg
66	Prim'Holstein	1,244,946	9,532	382	40.1	303	31.8	33.5
46	Montbéliarde	385,514	7,739	300	38.8	255	32.9	34.7
56	Normande	145,103	7,056	296	41.9	242	34.3	36.1
39	Crossbred	105,508	7,843	317	40.4	253	32.3	34.0
12	Abondance	23,265	5,863	212	36.1	192	32.7	34.4
21	Brune	15,950	7,549	317	42.0	257	34.0	35.8
35	Simmental Française	15,348	6,935	278	40.1	232	33.4	35.2
15	Jersiaise	11,822	5,257	289	55.0	201	38.2	40.2
31	Tarentaise	8,798	4,718	173	36.7	152	32.2	33.9
19	Pie Rouge des Plaines	8,051	8,308	355	42.8	278	33.4	35.2
57	Vosgienne	1,286	4,347	163	37.5	137	31.5	33.1
23	Salers	871	2,652	90	34.0	86	32.6	34.3
63	Rouge Flamande	683	5,954	233	39.2	192	32.2	33.9
52	Bleue du Nord	540	5,120	190	37.1	159	31.0	32.6
29	Bretonne Pie Noire	268	2,699	118	43.8	88	32.8	34.5
14	Aubrac	144	2,620	103	39.4	89	34.0	35.8
18	Ayrshire	84	7,957	399	50.1	246	31.0	32.6
53	Villard de Lans	74	3,480	139	40.1	111	31.8	33.5
65	Ferrandaise	48	2,344	89	38.0	74	31.4	33.1
69	Froment du Léon	45	2,833	118	41.8	93	32.8	34.5
	Other breeds	218	5,215	234	44.9	179	34.3	36.1
	Overall Total	1,968,566	8,765	351	40.0	282	32.2	33.9

*Protein ‰ = Nitrogen ‰

Comment:

In order to adjust to adult level, a multiplying factor depending on the parity is applied to milk and contents:

- If the parity is 1, the multiplying factor is 1.30,
- If the parity is 2, the multiplying factor is 1.12,
- If the parity is 3, the multiplying factor is 1.03,
- If the parity is 4 and over, the multiplying factor is 1.



2.5 - Number of pure-bred herds per breed

Breed	Number of herds	Number of lactations	Pure-bred herds ¹		Lactations of pure-bred herds ¹	
			<i>Nb</i>	%	<i>Nb</i>	%
Prim'Holstein	22,993	1,244,946	16,244	70.6	1,061,787	85.3
Montbéliarde	10,785	385,514	5,608	52.0	316,753	82.2
Normande	5,095	145,103	1,369	26.9	86,645	59.7
Abondance	1,083	23,265	347	32.0	14,254	61.3
Brune	1,542	15,950	127	8.2	6,534	41.0
Simmental Française	855	15,348	184	21.5	10,055	65.5
Jersiaise	974	11,822	72	7.4	4,879	41.3
Tarentaise	487	8,798	109	22.4	5,417	61.6
Pie Rouge des Plaines	698	8,051	42	6.0	2,581	32.1
Vosgienne	172	1,286	37	21.5	875	68.0
Salers	27	871	20	74.1	848	97.4
Rouge Flamande	88	683	7	8.0	235	34.4
Bleue du Nord	43	540	2	4.7	140	25.9
Bretonne Pie Noire	23	268	10	43.5	194	72.4

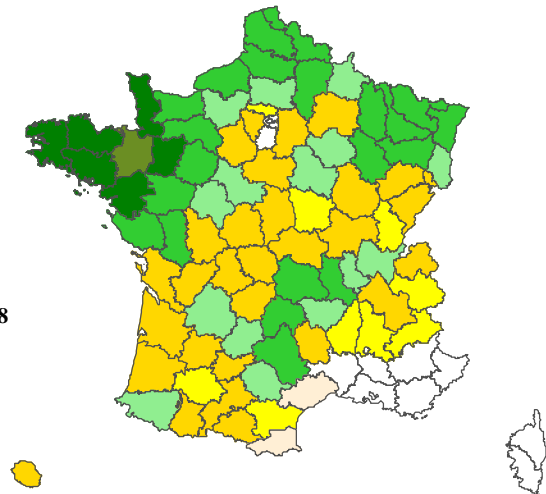
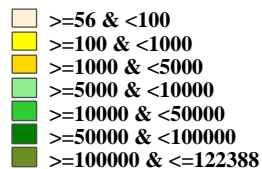
¹ Results corresponding to the pure-bred animals (qualified lactations) located in pure-bred herds. A herd is considered as pure-bred when at least 80% of the total number of cows that belong to this herd has the same French breed code.



2.6 - Detailed results per breed

Breed PRIM'HOLSTEIN
(French breed code : 66)

Geographical distribution of qualified lactations of Prim'Holstein breed ¹

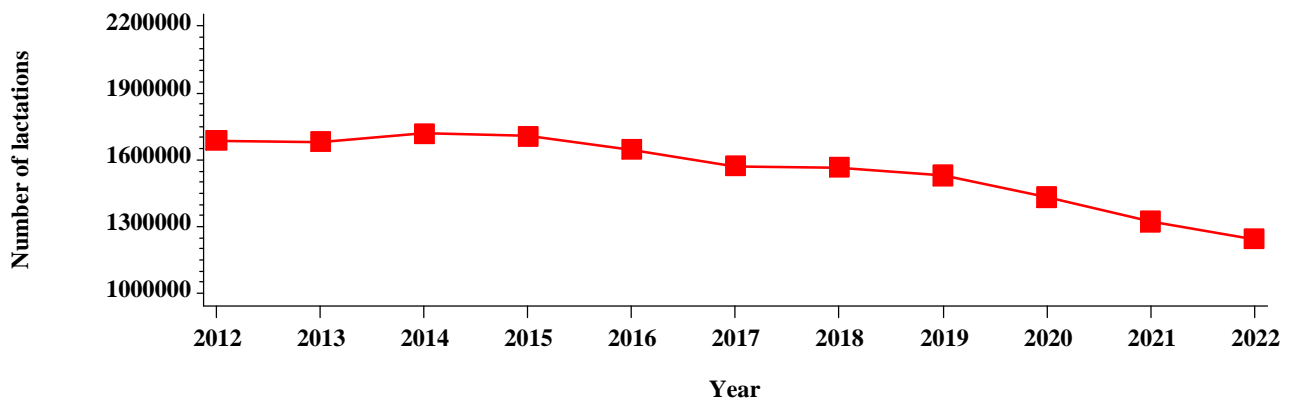


¹ Only local areas that count up more than 40 lactations for Prim'Holstein breed are shown on the map

Complete lactations results per parity

Parity	Number of qualified lactations	Calving age months	Lactation duration days	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat + true protein content kg	Fat + true protein % g/kg	Calving interval days
1st lactation	431,982	29	354	8,725	353	40.5	284	32.6	638	73.1	
2nd lactation	339,678	42	356	10,162	415	40.8	331	32.6	746	73.4	411
3rd lactation	231,124	56	354	10,548	431	40.8	340	32.3	771	73.1	416
4th lactation	135,889	69	352	10,480	427	40.7	335	32.0	762	72.7	417
5th lactation	65,208	83	349	10,168	413	40.6	322	31.7	735	72.3	420
6th lactation	27,506	96	342	9,671	391	40.4	304	31.4	695	71.8	421
7th lactation	9,586	108	338	9,163	367	40.0	285	31.1	652	71.2	423
Lactation 8 and over	3,973	126	330	8,432	334	39.6	260	30.8	594	70.5	427
All lactations	1,244,946		353	9,746	397	40.7	315	32.4	712	73.0	415

Evolution of the number of qualified lactations for Prim'Holstein breed

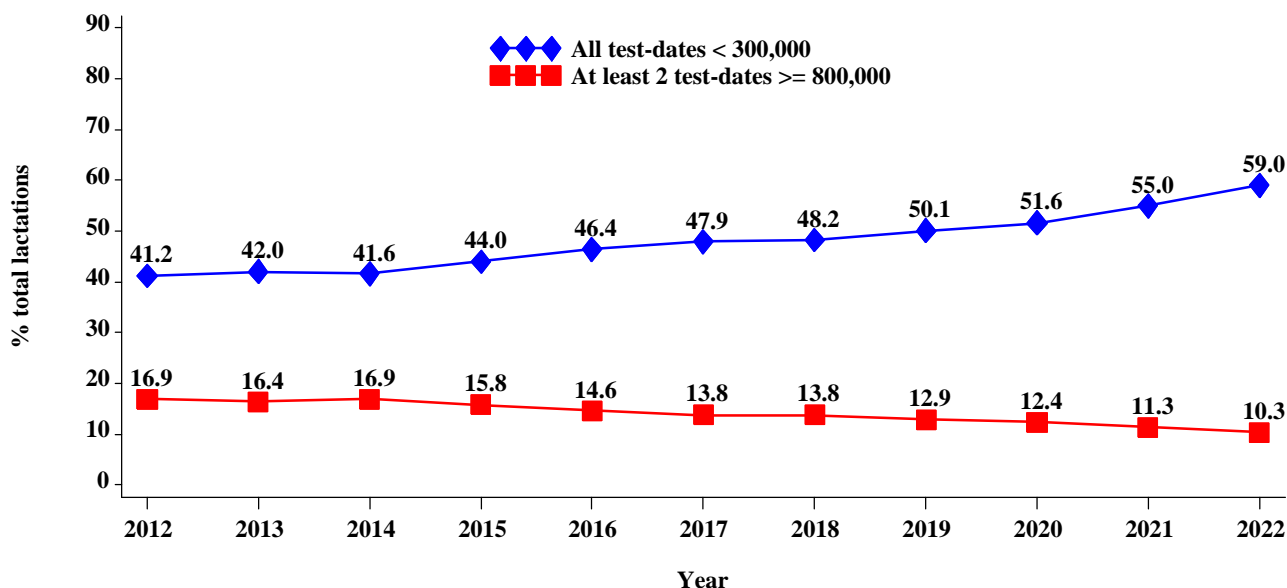


Herd distribution¹ per milk yield level

Milk yield levels	Herds		Lactations		Complete lactation milk yield kg	Fat % g/kg	True protein % g/kg	Lactation duration days	305-d lactation milk yield kg	Calving interval days
	Nb	%	Nb	%						
<6000 kg	438	2.7	10,147	1.0	5,327	39.8	30.9	316	4,784	431
>=6000 & <7000 kg	614	3.8	24,430	2.3	6,599	40.3	31.3	328	5,888	420
>=7000 & <8000 kg	1,277	7.9	62,181	5.9	7,588	40.5	31.7	339	6,699	417
>=8000 & <9000 kg	2,650	16.3	159,723	15.0	8,566	40.8	32.0	343	7,540	414
>=9000 & <10000 kg	4,351	26.8	296,728	27.9	9,537	40.8	32.3	349	8,323	412
>=10000 & <11000 kg	4,038	24.9	300,788	28.3	10,467	40.8	32.5	356	9,040	412
>=11000 & <12000 kg	1,996	12.3	148,770	14.0	11,432	40.7	32.6	367	9,701	415
>=12000 & <13000 kg	657	4.0	47,563	4.5	12,372	40.4	32.7	377	10,340	418
>=13000 kg	223	1.4	11,457	1.1	13,666	40.4	32.9	398	11,060	430
Overall total	16,244	100	1,061,787	100	9,870	40.7	32.4	353	8,536	414

Evolution of somatic cells count distribution

Year	At least 2 test-dates with cell count >= 800,000		Lactations with All test-dates with cell count < 300,000		Intermediate somatic cell counts		Overall total
	Nb	%	Nb	%	Nb	%	
2012	285,689	16.9	695,010	41.2	707,031	41.9	1,687,730
2013	274,954	16.4	706,619	42.0	699,763	41.6	1,681,336
2014	290,442	16.9	714,670	41.6	713,478	41.5	1,718,590
2015	269,616	15.8	751,400	44.0	685,404	40.2	1,706,420
2016	240,783	14.6	765,007	46.4	641,916	39.0	1,647,706
2017	217,559	13.8	753,255	47.9	601,800	38.3	1,572,614
2018	216,692	13.8	755,338	48.2	593,467	37.9	1,565,497
2019	197,384	12.9	767,182	50.1	565,790	37.0	1,530,356
2020	177,609	12.4	739,469	51.6	515,189	36.0	1,432,267
2021	149,832	11.3	728,007	55.0	445,528	33.7	1,323,367
2022	128,371	10.3	734,357	59.0	382,218	30.7	1,244,946



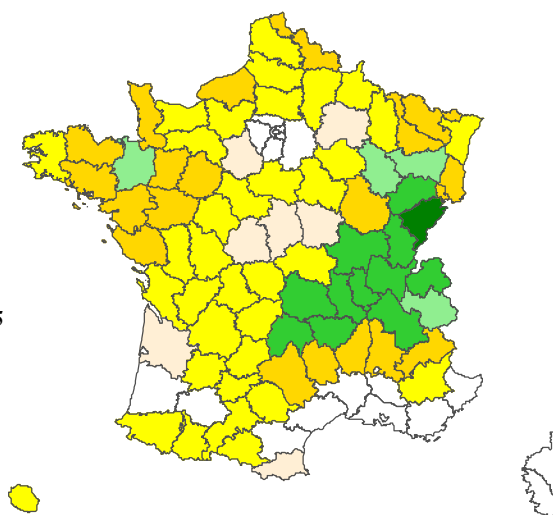
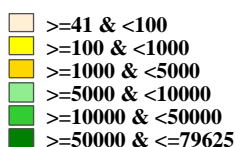
¹Pure-bred herds only: A herd is considered as pure-bred when at least 80% of the total number of cows that belong to this herd has the same breed code.



Detailed results per breed

Breed MONTBÉLIARDE
(French breed code : 46)

Geographical distribution of qualified lactations of Montbéliarde breed ¹

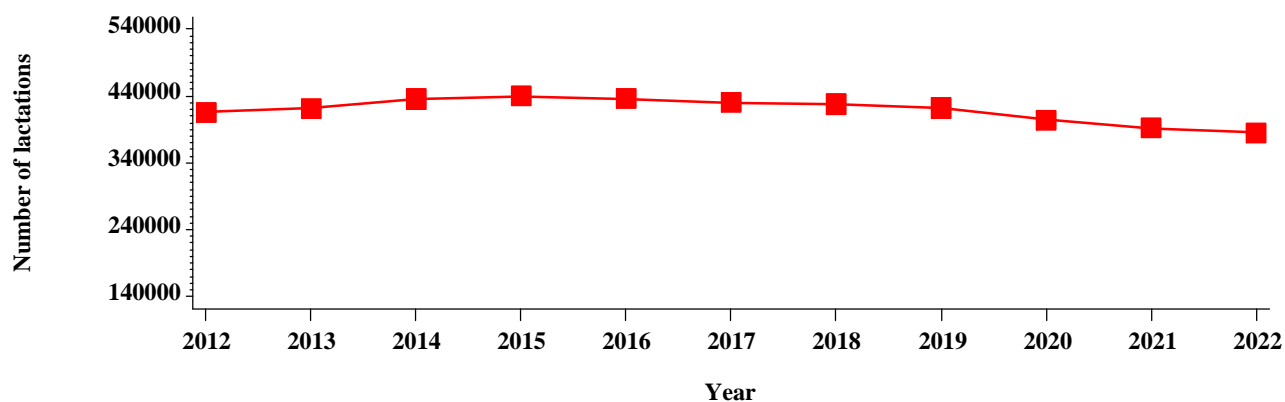


¹ Only local areas that count up more than 40 lactations for Montbéliarde breed are shown on the map

Complete lactations results per parity

Parity	Number of qualified lactations	Calving age months	Lactation duration days	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat + true protein content kg	Fat + true protein % g/kg	Calving interval days
1st lactation	112,861	33	329	6,947	273	39.3	233	33.5	506	72.9	
2nd lactation	88,535	46	329	7,897	310	39.3	266	33.6	576	72.9	402
3rd lactation	66,681	60	325	8,154	320	39.2	271	33.3	591	72.5	401
4th lactation	48,538	72	321	8,081	317	39.2	268	33.1	584	72.3	398
5th lactation	31,519	85	317	7,918	309	39.1	260	32.9	570	71.9	399
6th lactation	19,334	97	311	7,615	295	38.8	248	32.6	544	71.4	398
7th lactation	10,254	109	305	7,284	281	38.5	236	32.3	516	70.9	400
Lactation 8 and over	7,792	129	298	6,739	257	38.2	216	32.0	473	70.2	403
All lactations	385,514		324	7,635	299	39.2	254	33.3	553	72.5	400

Evolution of the number of qualified lactations for Montbéliarde breed

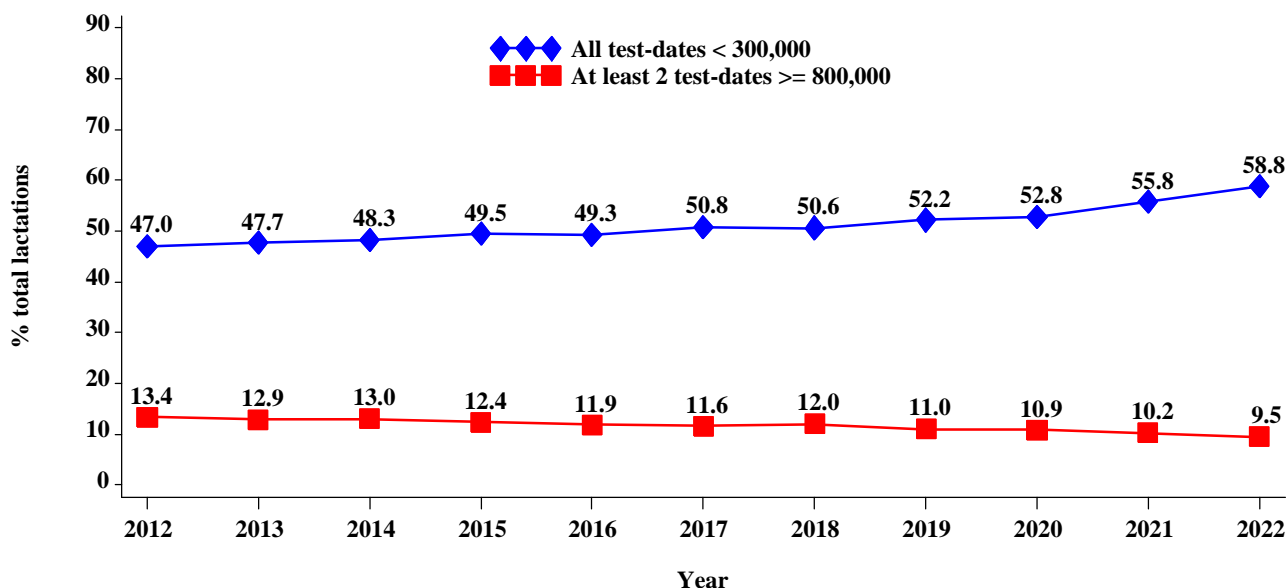


Herd distribution¹ per milk yield level

Milk yield levels	Herds		Lactations		Complete lactation milk yield kg	Fat % g/kg	True protein % g/kg	Lactation duration days	305-d lactation milk yield kg	Calving interval days
	Nb	%	Nb	%						
<5000 kg	217	3.9	6,576	2.1	4,481	38.9	32.1	291	4,208	405
>=5000 & <6000 kg	514	9.2	21,410	6.8	5,609	38.5	32.3	313	5,193	403
>=6000 & <7000 kg	1,396	24.9	70,913	22.4	6,574	38.5	32.8	314	6,108	398
>=7000 & <8000 kg	1,768	31.5	100,222	31.6	7,486	38.7	33.2	319	6,909	397
>=8000 & <9000 kg	1,101	19.6	71,596	22.6	8,442	39.4	33.7	330	7,651	401
>=9000 & <10000 kg	432	7.7	31,534	10.0	9,440	39.7	33.9	339	8,420	403
>=10000 & <11000 kg	138	2.5	11,240	3.5	10,428	39.7	34.0	345	9,209	403
>=11000 kg	42	0.7	3,262	1.0	11,474	40.0	34.5	362	9,837	408
Overall total	5,608	100	316,753	100	7,649	39.0	33.3	323	6,988	400

Evolution of somatic cells count distribution

Year	At least 2 test-dates with cell count >= 800,000		Lactations with All test-dates with cell count < 300,000		Intermediate somatic cell counts		Overall total
	Nb	%	Nb	%	Nb	%	
2012	55,835	13.4	195,234	47.0	164,483	39.6	415,552
2013	54,212	12.9	200,801	47.7	166,117	39.4	421,130
2014	56,438	13.0	210,389	48.3	168,711	38.7	435,538
2015	54,706	12.4	217,527	49.5	167,376	38.1	439,609
2016	52,027	11.9	214,864	49.3	169,216	38.8	436,107
2017	49,908	11.6	218,636	50.8	161,642	37.6	430,186
2018	51,306	12.0	216,419	50.6	160,023	37.4	427,748
2019	46,531	11.0	220,250	52.2	155,457	36.8	422,238
2020	44,173	10.9	213,537	52.8	146,383	36.2	404,093
2021	39,941	10.2	218,987	55.8	133,319	34.0	392,247
2022	36,607	9.5	226,802	58.8	122,105	31.7	385,514



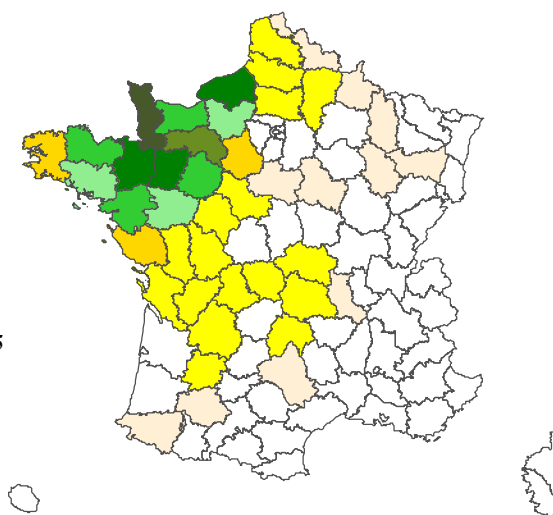
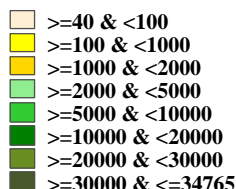
¹Pure-bred herds only: A herd is considered as pure-bred when at least 80% of the total number of cows that belong to this herd has the same breed code.



Detailed results per breed

Breed NORMANDE
(French breed code : 56)

Geographical distribution of qualified lactations of Normande breed ¹

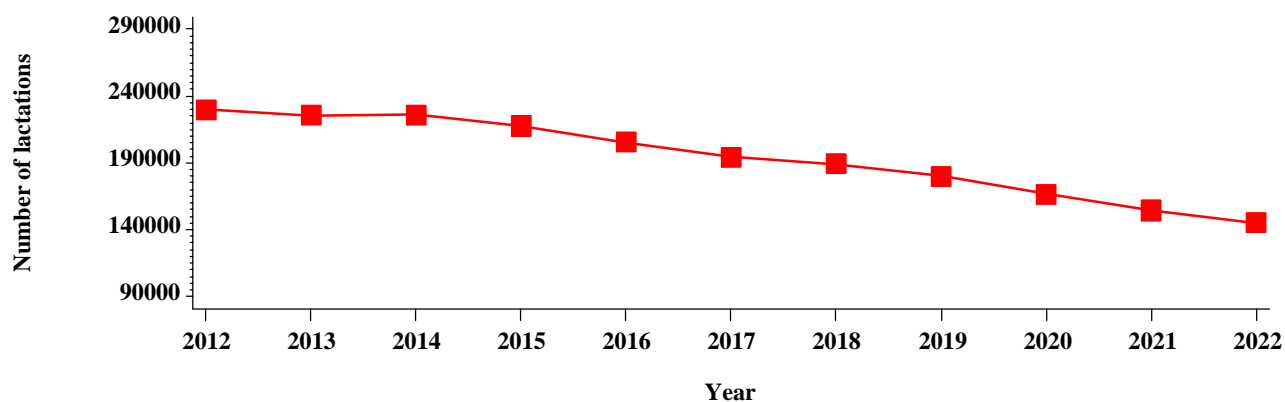


¹ Only local areas that count up more than 40 lactations for Normande breed are shown on the map

Complete lactations results per parity

Parity	Number of qualified lactations	Calving age months	Lactation duration days	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat + true protein content kg	Fat + true protein % g/kg	Calving interval days
1st lactation	50,552	32	351	6,601	281	42.5	229	34.7	510	77.3	
2nd lactation	38,731	45	341	7,210	309	42.9	254	35.3	563	78.1	409
3rd lactation	26,122	59	336	7,481	318	42.5	260	34.8	578	77.3	406
4th lactation	15,458	72	332	7,416	313	42.2	256	34.5	569	76.7	404
5th lactation	8,276	84	330	7,329	306	41.7	251	34.2	556	75.9	406
6th lactation	3,803	97	325	7,068	292	41.4	240	34.0	533	75.4	405
7th lactation	1,462	110	322	6,755	277	41.0	228	33.8	505	74.8	412
Lactation 8 and over	699	128	315	6,215	252	40.5	209	33.6	460	74.1	416
All lactations	145,103		341	7,062	300	42.5	246	34.8	546	77.3	407

Evolution of the number of qualified lactations for Normande breed

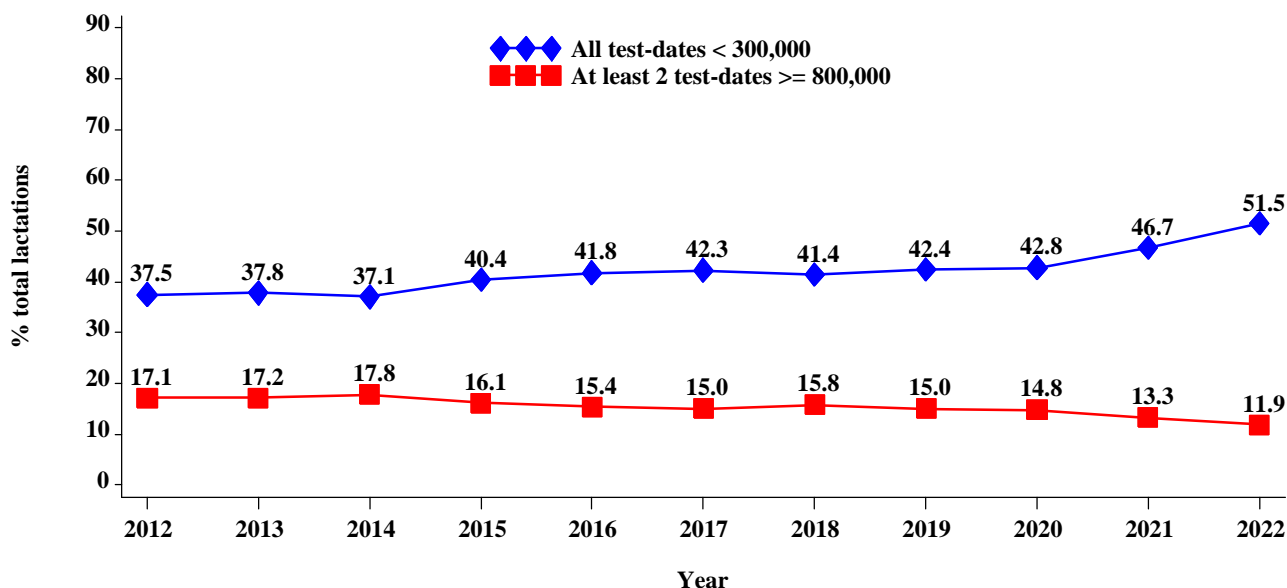


Herd distribution¹ per milk yield level

Milk yield levels	Herds		Lactations		Complete lactation milk yield kg	Fat % g/kg	True protein % g/kg	Lactation duration days	305-d lactation milk yield kg	Calving interval days
	Nb	%	Nb	%						
<5000 kg	83	6.1	2,766	3.2	4,409	40.6	33.3	313	4,037	418
>=5000 & <6000 kg	166	12.1	9,062	10.5	5,597	41.4	34.0	331	5,015	407
>=6000 & <7000 kg	328	24.0	21,182	24.4	6,578	42.4	34.6	338	5,853	405
>=7000 & <8000 kg	513	37.5	35,166	40.6	7,481	42.6	35.0	345	6,605	404
>=8000 & <9000 kg	232	16.9	15,926	18.4	8,357	42.8	35.4	362	7,182	409
>=9000 kg	47	3.4	2,543	2.9	9,447	43.3	35.8	395	7,714	420
Overall total	1,369	100	86,645	100	7,184	42.5	34.9	345	6,311	406

Evolution of somatic cells count distribution

Year	At least 2 test-dates with cell count >= 800,000		Lactations with All test-dates with cell count < 300,000		Intermediate somatic cell counts		Overall total
	Nb	%	Nb	%	Nb	%	
2012	39,190	17.1	86,034	37.5	104,411	45.5	229,635
2013	38,783	17.2	85,320	37.8	101,610	45.0	225,713
2014	40,199	17.8	83,808	37.1	101,829	45.1	225,836
2015	35,063	16.1	87,997	40.4	94,582	43.5	217,642
2016	31,645	15.4	86,004	41.8	87,951	42.8	205,600
2017	29,224	15.0	82,259	42.3	83,041	42.7	194,524
2018	29,850	15.8	78,191	41.4	80,998	42.8	189,039
2019	27,006	15.0	76,328	42.4	76,728	42.6	180,062
2020	24,718	14.8	71,288	42.8	70,509	42.3	166,515
2021	20,584	13.3	72,083	46.7	61,788	40.0	154,455
2022	17,293	11.9	74,799	51.5	53,011	36.5	145,103



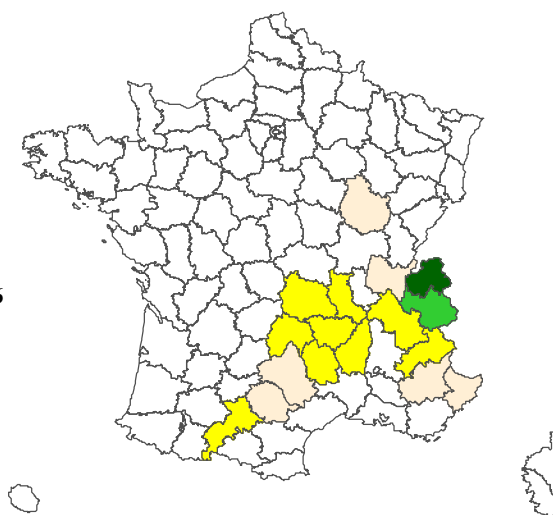
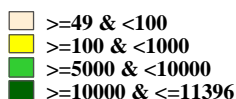
¹Pure-bred herds only: A herd is considered as pure-bred when at least 80% of the total number of cows that belong to this herd has the same breed code.



Detailed results per breed

Breed ABONDANCE
(French breed code : 12)

Geographical distribution of qualified lactations of Abondance breed ¹

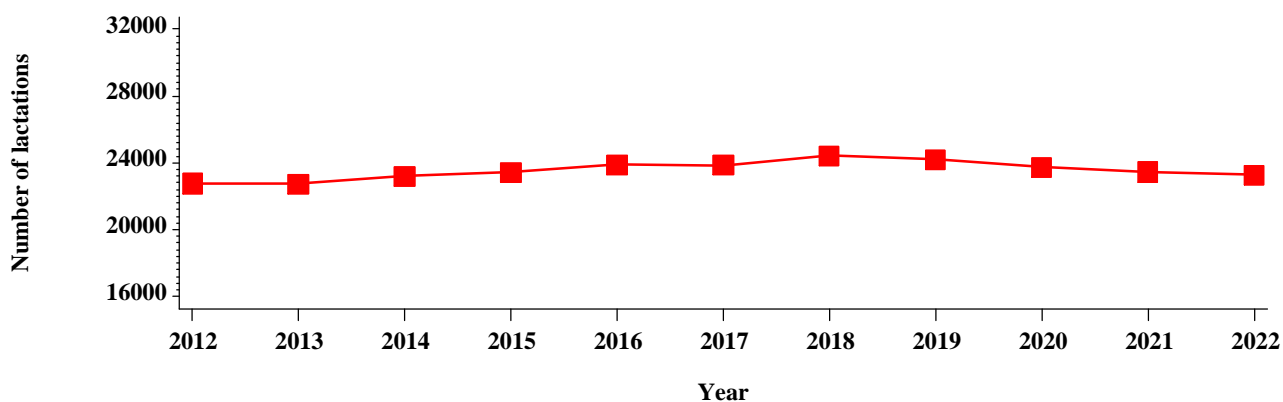


¹ Only local areas that count up more than 40 lactations for Abondance breed are shown on the map

Complete lactations results per parity

Parity	Number of qualified lactations	Calving age months	Lactation duration days	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat + true protein content kg	Fat + true protein % g/kg	Calving interval days
1st lactation	6,013	36	306	5,011	184	36.8	167	33.3	351	70.0	
2nd lactation	4,845	50	303	5,639	205	36.3	187	33.1	391	69.4	402
3rd lactation	3,928	63	305	5,967	217	36.3	197	32.9	413	69.2	403
4th lactation	3,054	76	307	6,140	222	36.2	202	32.9	425	69.2	402
5th lactation	2,173	89	309	6,103	221	36.3	201	32.9	422	69.2	406
6th lactation	1,428	101	306	6,047	219	36.2	198	32.7	417	68.9	410
7th lactation	859	115	308	6,016	217	36.1	197	32.8	414	68.9	417
Lactation 8 and over	965	137	294	5,370	196	36.4	175	32.6	371	69.0	415
All lactations	23,265		305	5,669	206	36.4	187	33.0	393	69.4	405

Evolution of the number of qualified lactations for Abondance breed

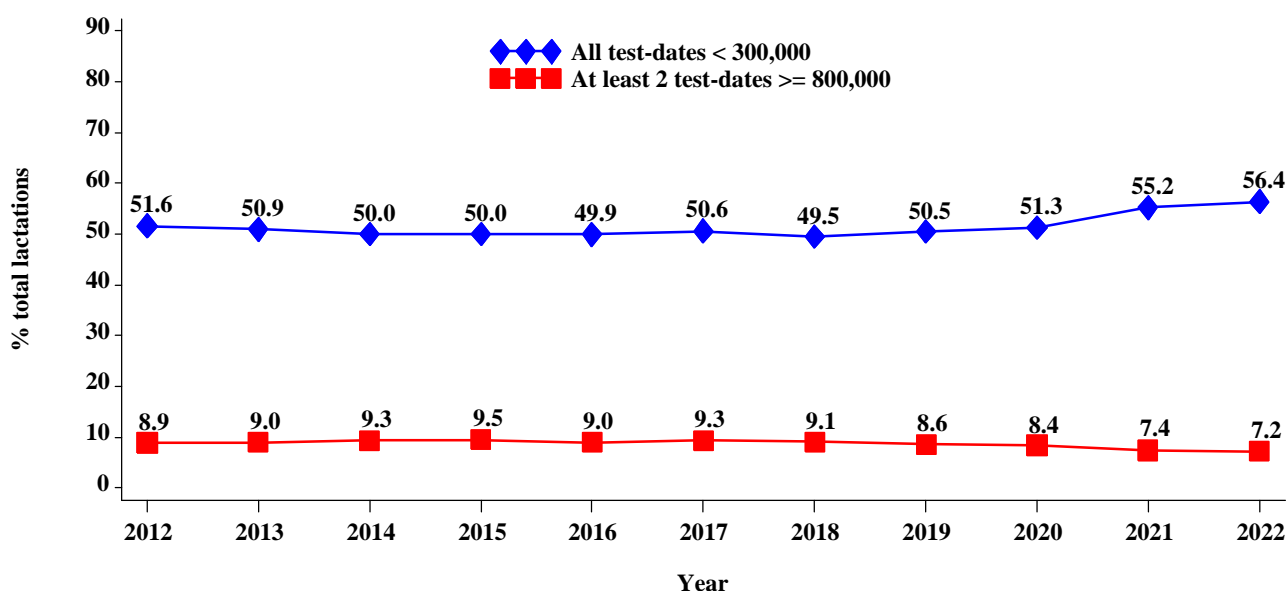


Herd distribution¹ per milk yield level

Milk yield levels	Herds		Lactations		Complete lactation milk yield kg	Fat % g/kg	True protein % g/kg	Lactation duration days	305-d lactation milk yield kg	Calving interval days
	Nb	%	Nb	%						
<4000 kg	21	6.1	688	4.8	3,443	36.6	32.1	264	3,326	400
>=4000 & <5000 kg	72	20.7	2,359	16.5	4,643	36.6	32.4	296	4,423	404
>=5000 & <6000 kg	130	37.5	5,236	36.7	5,509	36.5	32.9	307	5,193	404
>=6000 & <7000 kg	94	27.1	4,644	32.6	6,462	36.2	33.2	310	6,073	401
>=7000 kg	30	8.6	1,327	9.3	7,474	35.7	33.6	318	6,984	401
Overall total	347	100	14,254	100	5,760	36.3	33.0	305	5,429	403

Evolution of somatic cells count distribution

Year	Lactations with						Overall total
	At least 2 test-dates with cell count >= 800,000		All test-dates with cell count < 300,000		Intermediate somatic cell counts		
	Nb	%	Nb	%	Nb	%	
2012	2,016	8.9	11,747	51.6	9,000	39.5	22,763
2013	2,053	9.0	11,559	50.9	9,116	40.1	22,728
2014	2,145	9.3	11,580	50.0	9,458	40.8	23,183
2015	2,213	9.5	11,698	50.0	9,501	40.6	23,412
2016	2,159	9.0	11,913	49.9	9,805	41.1	23,877
2017	2,208	9.3	12,083	50.6	9,572	40.1	23,863
2018	2,226	9.1	12,091	49.5	10,095	41.4	24,412
2019	2,081	8.6	12,217	50.5	9,886	40.9	24,184
2020	1,989	8.4	12,162	51.3	9,576	40.4	23,727
2021	1,737	7.4	12,954	55.2	8,769	37.4	23,460
2022	1,673	7.2	13,112	56.4	8,480	36.4	23,265



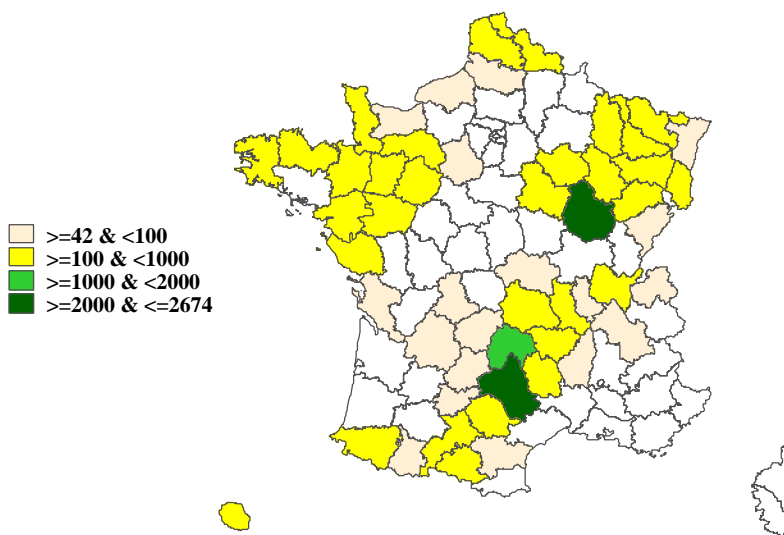
¹Pure-bred herds only: A herd is considered as pure-bred when at least 80% of the total number of cows that belong to this herd has the same breed code.



Detailed results per breed

Breed BRUNE
(French breed code : 21)

Geographical distribution of qualified lactations of Brune breed ¹

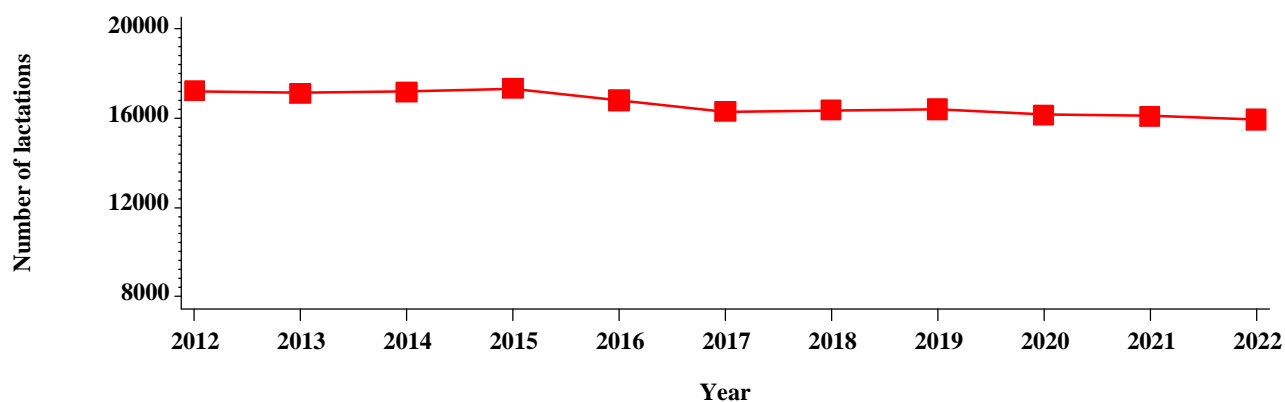


¹ Only local areas that count up more than 40 lactations for Brune breed are shown on the map

Complete lactations results per parity

Parity	Number of qualified lactations	Calving age months	Lactation duration days	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat + true protein content kg	Fat + true protein % g/kg	Calving interval days
1st lactation	5,196	31	355	7,078	303	42.8	245	34.7	548	77.4	
2nd lactation	4,020	46	357	8,168	350	42.8	285	34.9	635	77.7	427
3rd lactation	2,719	59	354	8,473	361	42.6	293	34.6	655	77.3	427
4th lactation	1,829	73	355	8,493	361	42.5	292	34.4	654	77.0	425
5th lactation	1,127	86	353	8,305	352	42.4	284	34.2	636	76.6	422
6th lactation	558	99	347	7,652	322	42.1	261	34.1	583	76.3	424
7th lactation	303	112	349	7,621	323	42.4	260	34.1	583	76.5	441
Lactation 8 and over	198	132	329	7,047	287	40.8	233	33.1	520	73.9	428
All lactations	15,950		355	7,870	336	42.6	272	34.6	608	77.2	426

Evolution of the number of qualified lactations for Brune breed

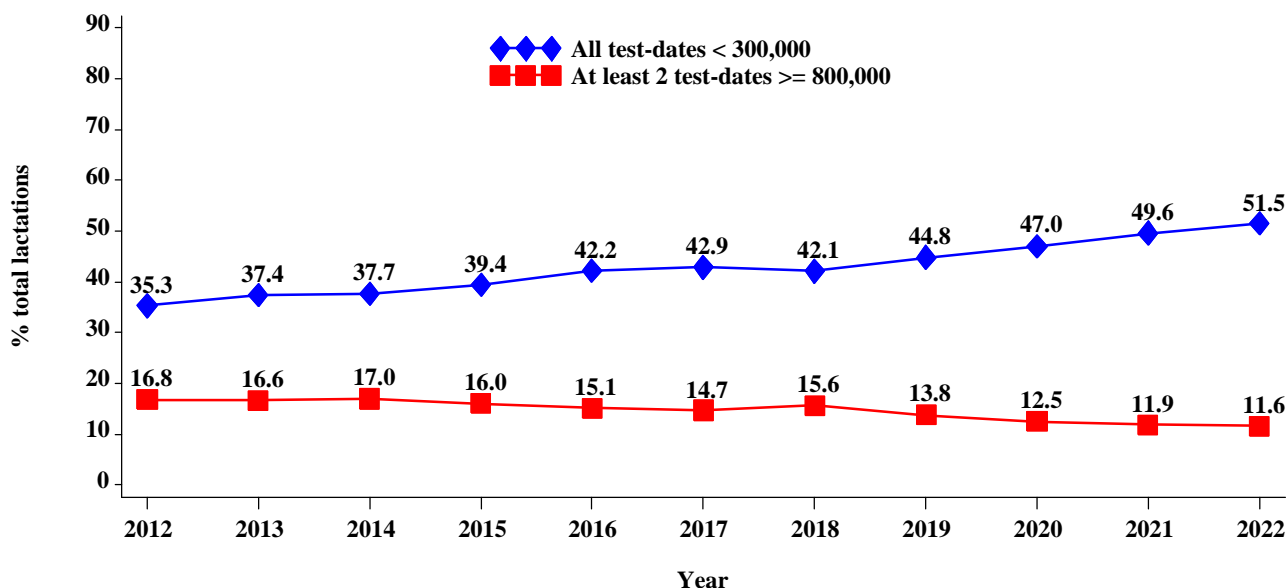


Herd distribution¹ per milk yield level

Milk yield levels	Herds		Lactations		Complete lactation milk yield kg	Fat % g/kg	True protein % g/kg	Lactation duration days	305-d lactation milk yield kg	Calving interval days
	Nb	%	Nb	%						
<5000 kg	11	8.7	201	3.1	4,143	41.8	34.0	337	3,634	423
≥5000 & <6000 kg	14	11.0	466	7.1	5,519	40.1	33.3	339	4,862	425
≥6000 & <7000 kg	18	14.2	901	13.8	6,510	42.0	33.9	344	5,749	417
≥7000 & <8000 kg	37	29.1	2,024	31.0	7,510	42.5	34.3	351	6,540	418
≥8000 & <9000 kg	22	17.3	1,292	19.8	8,597	43.3	35.2	360	7,343	422
≥9000 & <10000 kg	14	11.0	876	13.4	9,405	42.2	35.1	362	8,062	424
≥10000 & <11000 kg	8	6.3	503	7.7	10,261	41.7	35.4	376	8,537	420
≥11000 kg	3	2.4	271	4.1	11,234	42.2	35.1	376	9,023	437
Overall total	127	100	6,534	100	7,962	42.3	34.7	355	6,841	421

Evolution of somatic cells count distribution

Year	At least 2 test-dates with cell count ≥ 800,000		Lactations with All test-dates with cell count < 300,000		Intermediate somatic cell counts		Overall total
	Nb	%	Nb	%	Nb	%	
2012	2,902	16.8	6,086	35.3	8,247	47.9	17,235
2013	2,853	16.6	6,413	37.4	7,872	45.9	17,138
2014	2,921	17.0	6,474	37.7	7,796	45.3	17,191
2015	2,782	16.0	6,831	39.4	7,731	44.6	17,344
2016	2,536	15.1	7,088	42.2	7,180	42.7	16,804
2017	2,396	14.7	6,999	42.9	6,911	42.4	16,306
2018	2,558	15.6	6,891	42.1	6,922	42.3	16,371
2019	2,269	13.8	7,348	44.8	6,785	41.4	16,402
2020	2,028	12.5	7,594	47.0	6,540	40.5	16,162
2021	1,921	11.9	7,990	49.6	6,187	38.4	16,098
2022	1,849	11.6	8,214	51.5	5,887	36.9	15,950



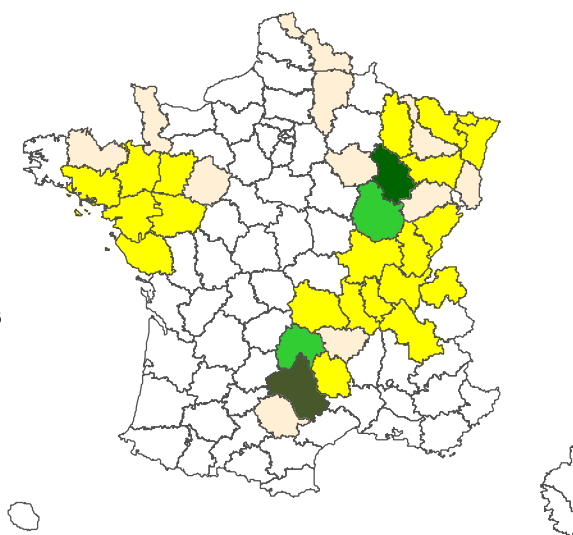
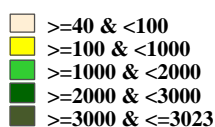
¹Pure-bred herds only: A herd is considered as pure-bred when at least 80% of the total number of cows that belong to this herd has the same breed code.



Detailed results per breed

Breed SIMMENTAL FRANÇAISE
(French breed code : 35)

Geographical distribution of qualified lactations of Simmental Française breed ¹

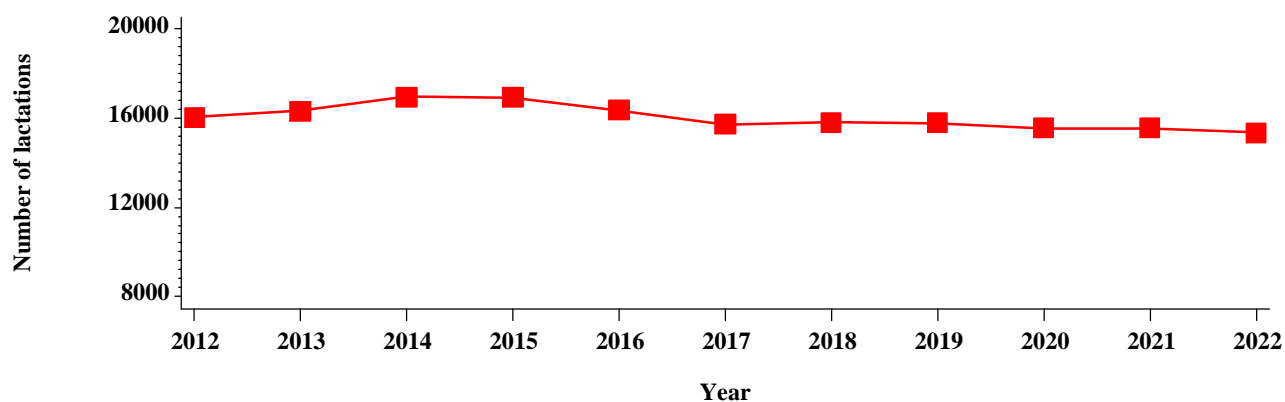


¹ Only local areas that count up more than 40 lactations for Simmental Française breed are shown on the map

Complete lactations results per parity

Parity	Number of qualified lactations	Calving age months	Lactation duration days	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat + true protein content kg	Fat + true protein % g/kg	Calving interval days
1st lactation	4,531	34	323	6,154	251	40.8	209	34.0	460	74.8	
2nd lactation	3,517	48	324	6,944	283	40.8	237	34.1	520	74.9	397
3rd lactation	2,648	61	326	7,315	298	40.8	247	33.8	545	74.6	395
4th lactation	1,964	73	324	7,234	292	40.4	243	33.6	535	74.0	398
5th lactation	1,256	85	321	7,075	281	39.7	236	33.4	517	73.1	398
6th lactation	732	98	315	6,793	267	39.2	224	33.0	491	72.3	400
7th lactation	365	110	315	6,578	260	39.6	217	33.0	478	72.6	409
Lactation 8 and over	335	130	300	5,875	228	38.9	194	32.9	422	71.8	406
All lactations	15,348		323	6,784	275	40.5	229	33.8	504	74.3	398

Evolution of the number of qualified lactations for Simmental Française breed

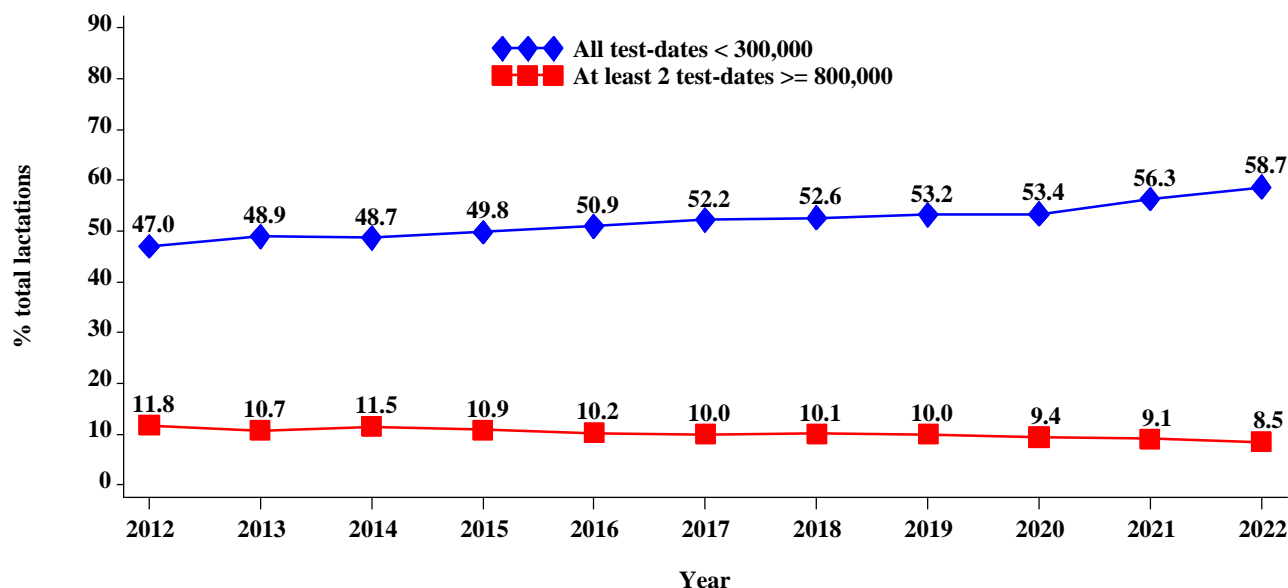


Herd distribution¹ per milk yield level

Milk yield levels	Herds		Lactations		Complete lactation milk yield kg	Fat % g/kg	True protein % g/kg	Lactation duration days	305-d lactation milk yield kg	Calving interval days
	Nb	%	Nb	%						
<5000 kg	27	14.7	1,043	10.4	4,416	39.2	33.3	318	4,080	409
>=5000 & <6000 kg	45	24.5	1,902	18.9	5,521	39.8	33.7	323	5,102	400
>=6000 & <7000 kg	43	23.4	2,184	21.7	6,536	39.7	33.9	325	6,006	393
>=7000 & <8000 kg	42	22.8	2,907	28.9	7,550	40.5	34.0	324	6,947	395
>=8000 & <9000 kg	19	10.3	1,449	14.4	8,323	40.8	33.9	321	7,623	395
>=9000 kg	8	4.3	570	5.7	9,826	41.3	34.2	340	8,816	403
Overall total	184	100	10,055	100	6,861	40.2	33.9	324	6,299	398

Evolution of somatic cells count distribution

Year	At least 2 test-dates with cell count >= 800,000		Lactations with All test-dates with cell count < 300,000		Intermediate somatic cell counts		Overall total
	Nb	%	Nb	%	Nb	%	
2012	1,889	11.8	7,538	47.0	6,618	41.2	16,045
2013	1,756	10.7	7,993	48.9	6,586	40.3	16,335
2014	1,957	11.5	8,259	48.7	6,759	39.8	16,975
2015	1,845	10.9	8,434	49.8	6,659	39.3	16,938
2016	1,661	10.2	8,332	50.9	6,363	38.9	16,356
2017	1,572	10.0	8,215	52.2	5,947	37.8	15,734
2018	1,601	10.1	8,326	52.6	5,891	37.2	15,818
2019	1,574	10.0	8,401	53.2	5,821	36.9	15,796
2020	1,460	9.4	8,310	53.4	5,801	37.3	15,571
2021	1,418	9.1	8,751	56.3	5,387	34.6	15,556
2022	1,311	8.5	9,010	58.7	5,027	32.8	15,348



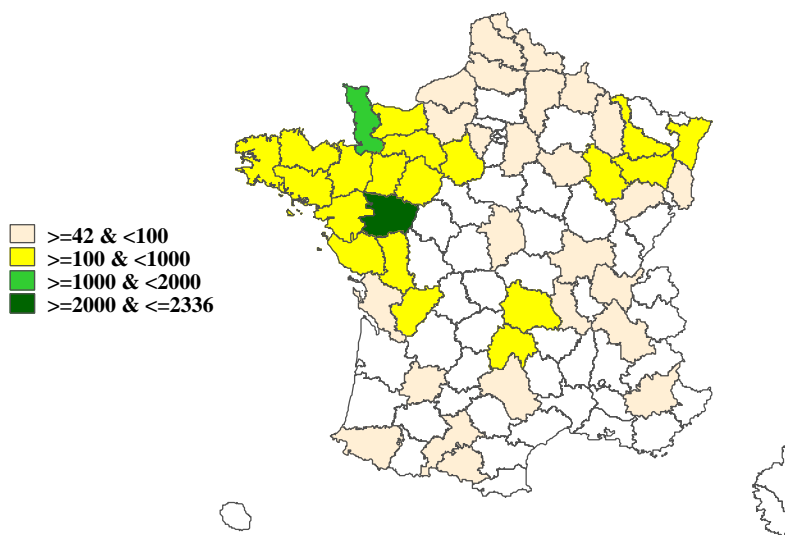
¹Pure-bred herds only: A herd is considered as pure-bred when at least 80% of the total number of cows that belong to this herd has the same breed code.



Detailed results per breed

Breed JERSIAISE
(French breed code : 15)

Geographical distribution of qualified lactations of Jersiaise breed ¹

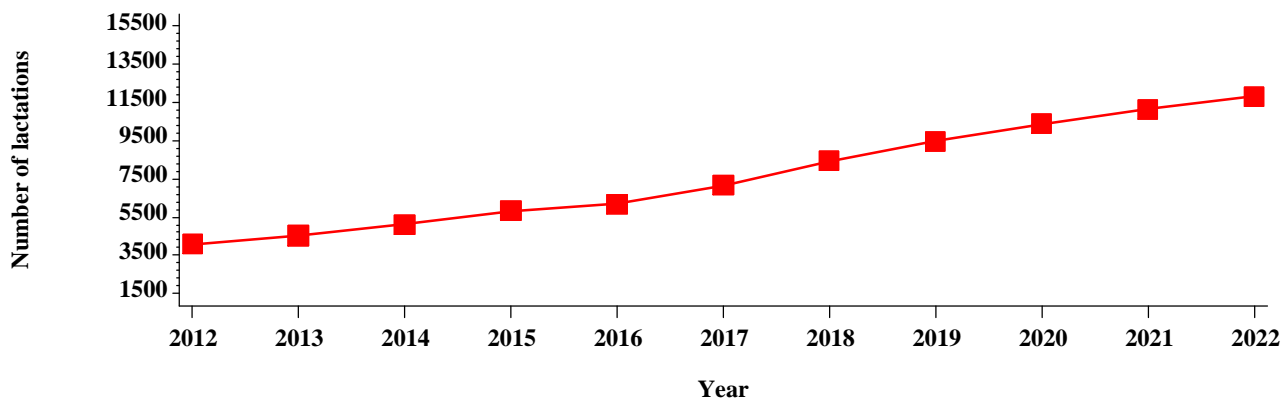


¹ Only local areas that count up more than 40 lactations for Jersiaise breed are shown on the map

Complete lactations results per parity

Parity	Number of qualified lactations	Calving age months	Lactation duration days	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat + true protein content kg	Fat + true protein % g/kg	Calving interval days
1st lactation	3,626	27	333	4,703	257	54.7	179	38.2	437	92.9	
2nd lactation	2,876	40	335	5,382	304	56.5	211	39.3	515	95.7	410
3rd lactation	1,977	53	338	5,746	325	56.5	225	39.1	549	95.6	407
4th lactation	1,428	66	340	5,918	334	56.4	231	39.1	565	95.5	412
5th lactation	903	79	335	5,561	313	56.2	216	38.8	528	95.0	407
6th lactation	518	91	339	5,764	324	56.2	225	39.0	549	95.2	409
7th lactation	287	105	328	5,335	296	55.5	205	38.4	501	93.9	422
Lactation 8 and over	207	122	331	5,301	290	54.8	201	37.9	491	92.6	410
All lactations	11,822		336	5,327	298	55.9	207	38.8	505	94.7	409

Evolution of the number of qualified lactations for Jersiaise breed

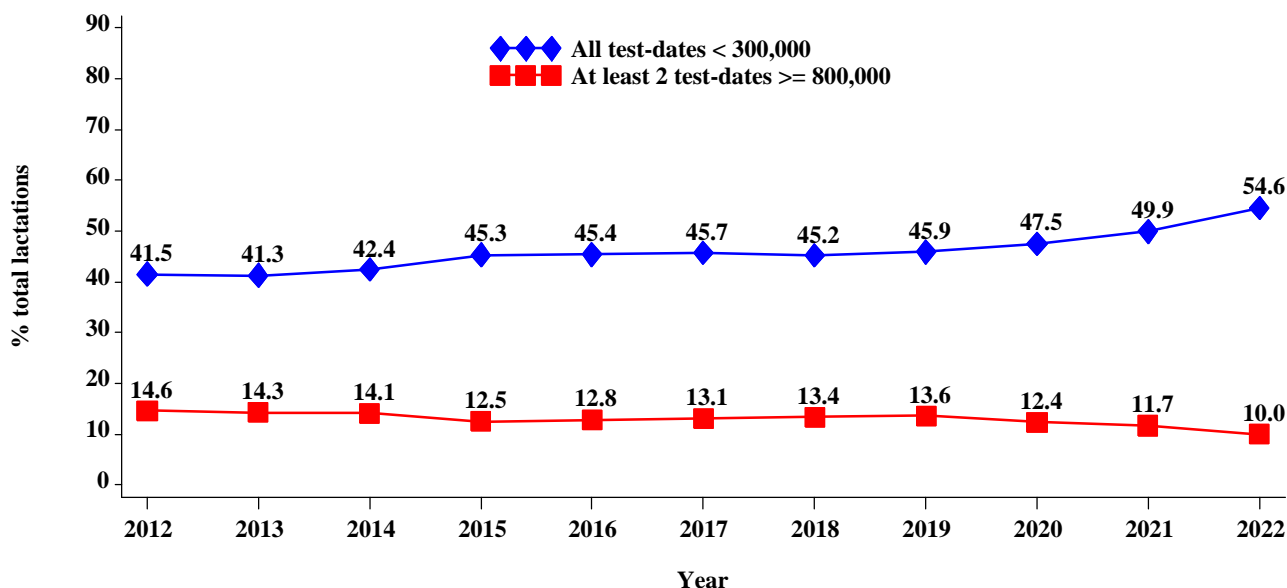


Herd distribution¹ per milk yield level

Milk yield levels	Herds		Lactations		Complete lactation milk yield kg	Fat % g/kg	True protein % g/kg	Lactation duration days	305-d lactation milk yield kg	Calving interval days
	Nb	%	Nb	%						
<4000 kg	13	18.1	605	12.4	3,223	58.6	39.7	303	2,979	400
>=4000 & <5000 kg	23	31.9	1,375	28.2	4,641	55.8	38.8	334	4,134	402
>=5000 & <6000 kg	23	31.9	1,690	34.6	5,485	56.8	39.3	334	4,893	404
>=6000 kg	13	18.1	1,209	24.8	6,553	57.5	39.3	343	5,832	408
Overall total	72	100	4,879	100	5,231	56.9	39.2	332	4,674	404

Evolution of somatic cells count distribution

Year	At least 2 test-dates with cell count >= 800,000		Lactations with All test-dates with cell count < 300,000		Intermediate somatic cell counts		Overall total
	Nb	%	Nb	%	Nb	%	
2012	594	14.6	1,693	41.5	1,788	43.9	4,075
2013	646	14.3	1,871	41.3	2,012	44.4	4,529
2014	718	14.1	2,162	42.4	2,223	43.6	5,103
2015	726	12.5	2,641	45.3	2,462	42.2	5,829
2016	794	12.8	2,816	45.4	2,590	41.8	6,200
2017	938	13.1	3,276	45.7	2,960	41.3	7,174
2018	1,131	13.4	3,818	45.2	3,504	41.5	8,453
2019	1,290	13.6	4,351	47.5	3,838	40.5	9,479
2020	1,292	11.7	4,937	49.9	4,169	40.1	10,398
2021	1,303	11.7	5,559	54.6	4,289	38.5	11,151
2022	1,178	10.0	6,457	54.6	4,187	35.4	11,822



¹Pure-bred herds only: A herd is considered as pure-bred when at least 80% of the total number of cows that belong to this herd has the same breed code.



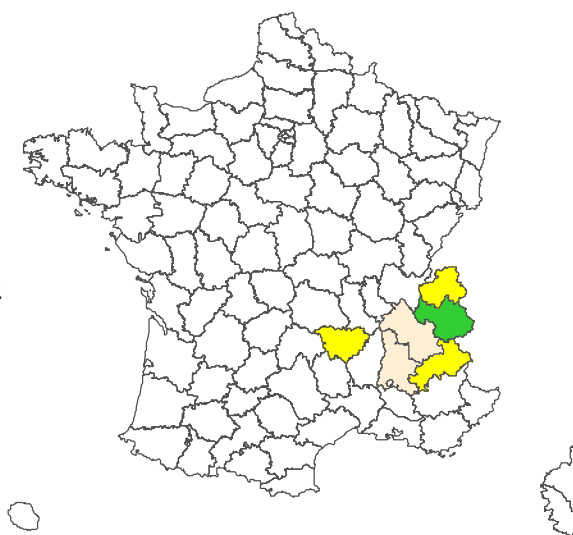
Detailed results per breed

Breed TARENDAISE
(French breed code : 31)

Geographical distribution of qualified lactations of Tarentaise breed ¹



≥ 42 & < 100
 ≥ 100 & < 500
 ≥ 5000 & ≤ 7614

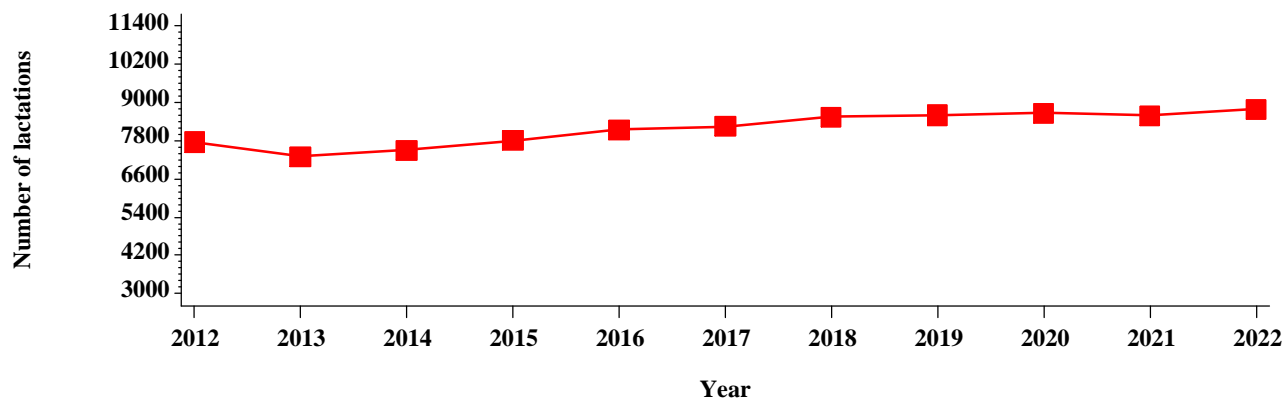


¹ Only local areas that count up more than 40 lactations for Tarentaise breed are shown on the map

Complete lactations results per parity

Parity	Number of qualified lactations	Calving age months	Lactation duration days	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat + true protein content kg	Fat + true protein % g/kg	Calving interval days
1st lactation	2,517	36	298	4,069	152	37.4	133	32.7	285	70.1	
2nd lactation	1,887	50	288	4,437	164	36.9	145	32.6	308	69.5	408
3rd lactation	1,465	62	284	4,614	170	36.9	149	32.3	319	69.1	401
4th lactation	1,038	75	283	4,698	172	36.5	151	32.1	322	68.6	402
5th lactation	774	88	286	4,702	171	36.3	151	32.2	322	68.5	404
6th lactation	514	100	288	4,756	174	36.6	154	32.3	328	68.9	401
7th lactation	304	113	278	4,576	166	36.3	146	32.0	313	68.3	398
Lactation 8 and over	299	136	273	4,327	154	35.6	136	31.5	290	67.1	400
All lactations	8,798		288	4,435	163	36.8	144	32.4	307	69.2	404

Evolution of the number of qualified lactations for Tarentaise breed

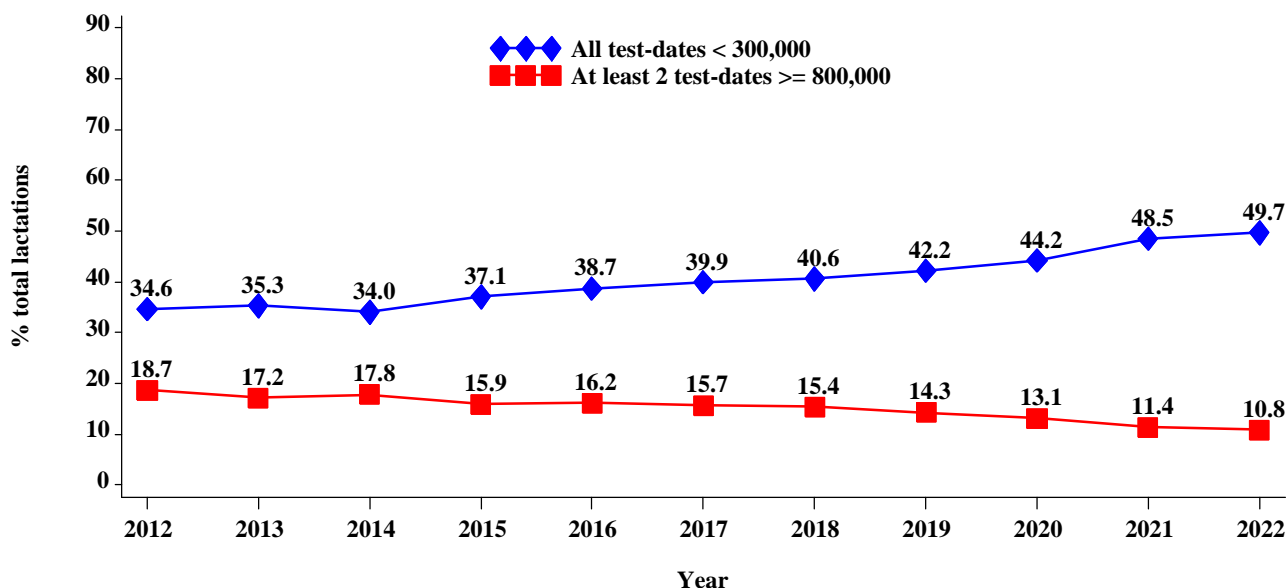


Herd distribution¹ per milk yield level

Milk yield levels	Herds		Lactations		Complete lactation milk yield kg	Fat % g/kg	True protein % g/kg	Lactation duration days	305-d lactation milk yield kg	Calving interval days
	Nb	%	Nb	%						
<3000 kg	4	3.7	241	4.4	2,828	35.6	30.8	232	2,803	397
>=3000 & <4000 kg	18	16.5	913	16.9	3,804	36.6	31.9	277	3,700	406
>=4000 & <5000 kg	69	63.3	3,378	62.4	4,522	36.8	32.3	293	4,336	401
>=5000 & <6000 kg	15	13.8	712	13.1	5,410	36.8	32.7	309	5,111	406
>=6000 kg	3	2.8	173	3.2	6,273	39.0	34.5	345	5,676	406
Overall total	109	100	5,417	100	4,498	36.9	32.4	292	4,305	403

Evolution of somatic cells count distribution

Year	Lactations with						Overall total
	At least 2 test-dates with cell count >= 800,000		All test-dates with cell count < 300,000		Intermediate somatic cell counts		
	Nb	%	Nb	%	Nb	%	
2012	1,429	18.7	2,648	34.6	3,583	46.8	7,660
2013	1,257	17.2	2,577	35.3	3,467	47.5	7,301
2014	1,338	17.8	2,553	34.0	3,619	48.2	7,510
2015	1,239	15.9	2,896	37.1	3,681	47.1	7,816
2016	1,319	16.2	3,154	38.7	3,667	45.0	8,140
2017	1,299	15.7	3,291	39.9	3,660	44.4	8,250
2018	1,313	15.4	3,471	40.6	3,764	44.0	8,548
2019	1,227	14.3	3,629	42.2	3,746	43.5	8,602
2020	1,138	13.1	3,835	44.2	3,699	42.7	8,672
2021	978	11.4	4,173	48.5	3,446	40.1	8,597
2022	949	10.8	4,369	49.7	3,480	39.6	8,798



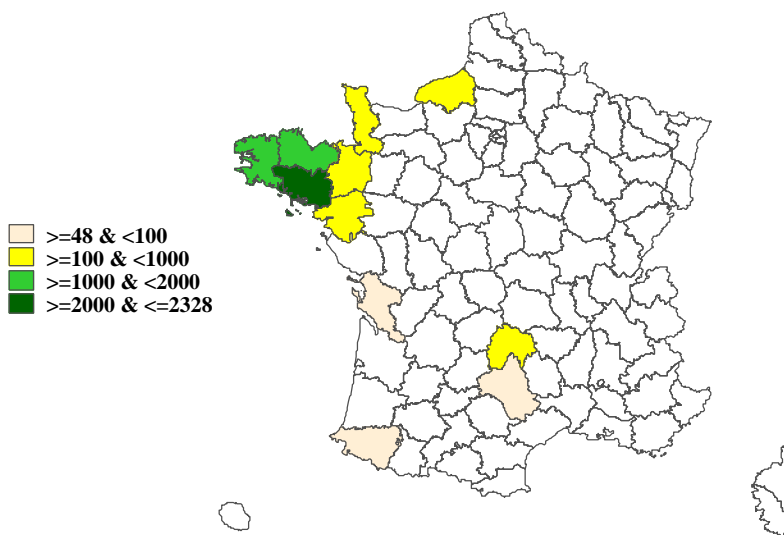
¹Pure-bred herds only: A herd is considered as pure-bred when at least 80% of the total number of cows that belong to this herd has the same breed code.



Detailed results per breed

Breed PIE ROUGE DES PLAINES
(French breed code : 19)

Geographical distribution of qualified lactations of Pie Rouge des Plaines breed ¹

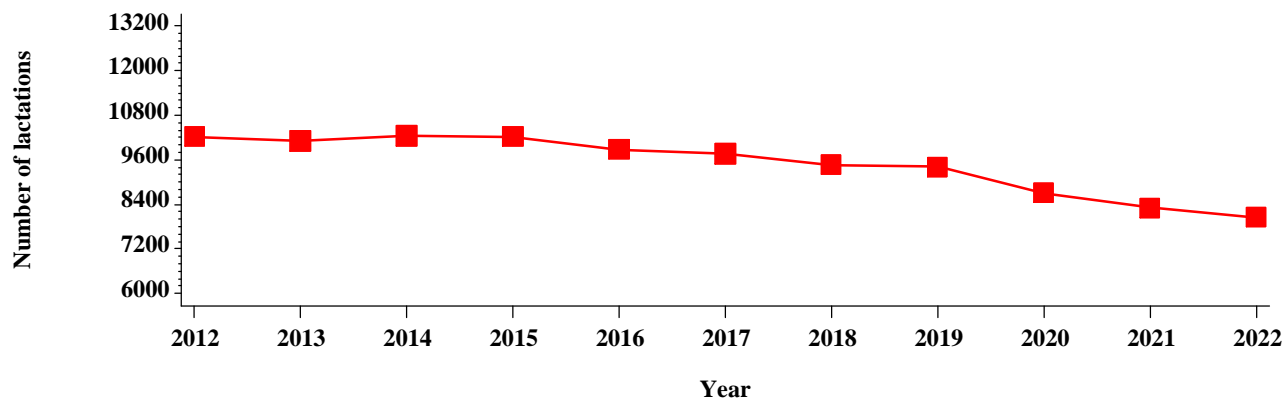


¹ Only local areas that count up more than 40 lactations for Pie Rouge des Plaines breed are shown on the map

Complete lactations results per parity

Parity	Number of qualified lactations	Calving age months	Lactation duration days	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat + true protein content kg	Fat + true protein % g/kg	Calving interval days
1st lactation	2,469	29	344	7,210	312	43.3	246	34.1	558	77.4	
2nd lactation	2,064	42	346	8,656	378	43.6	297	34.3	675	77.9	401
3rd lactation	1,543	55	345	9,113	397	43.6	310	34.0	707	77.6	403
4th lactation	990	69	339	9,146	395	43.2	309	33.8	704	77.0	403
5th lactation	564	81	338	9,054	389	43.0	301	33.2	690	76.2	409
6th lactation	274	95	350	8,941	380	42.5	293	32.7	673	75.3	413
7th lactation	90	107	357	8,591	364	42.4	281	32.7	645	75.1	424
Lactation 8 and over	57	127	334	7,640	328	42.9	248	32.4	576	75.4	416
All lactations	8,051		344	8,390	364	43.4	285	34.0	649	77.3	404

Evolution of the number of qualified lactations for Pie Rouge des Plaines breed

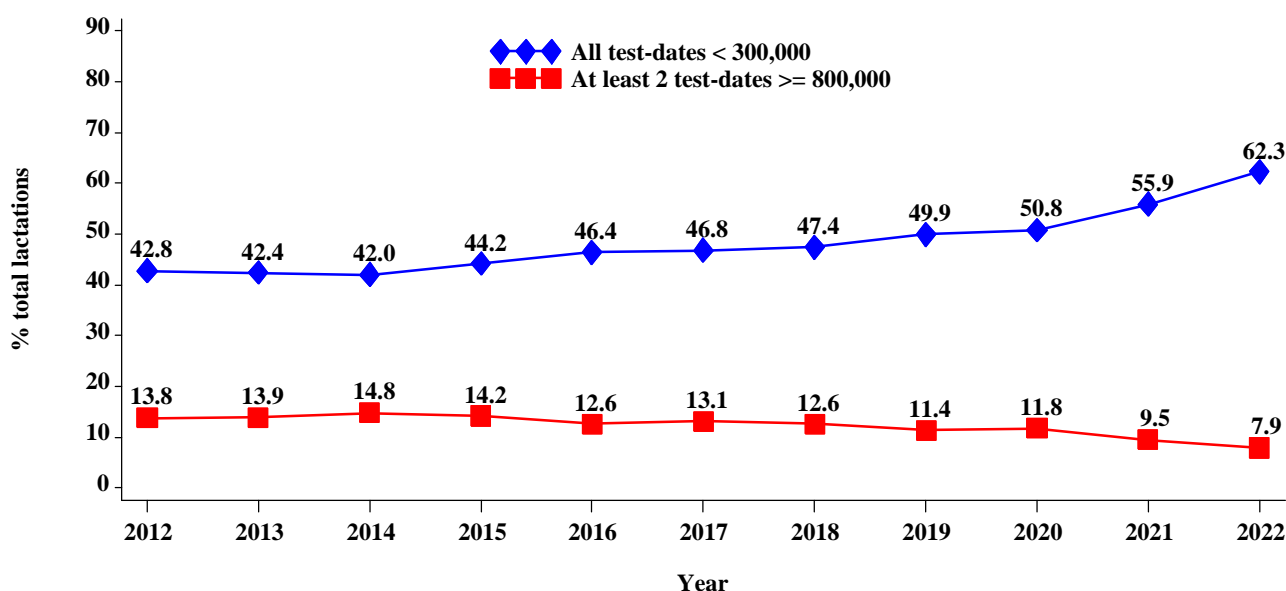


Herd distribution¹ per milk yield level

Milk yield levels	Herds		Lactations		Complete lactation milk yield kg	Fat % g/kg	True protein % g/kg	Lactation duration days	305-d lactation milk yield kg	Calving interval days
	Nb	%	Nb	%						
<8000 kg	17	40.5	817	31.7	7,435	44.0	33.8	338	6,734	396
>=8000 & <9000 kg	9	21.4	468	18.1	8,441	43.0	34.2	345	7,486	395
>=9000 & <10000 kg	12	28.6	1,037	40.2	9,430	43.2	34.3	344	8,366	400
>=10000 kg	4	9.5	259	10.0	10,220	45.8	34.7	367	8,796	405
Overall total	42	100	2,581	100	8,698	43.7	34.2	345	7,733	398

Evolution of somatic cells count distribution

Year	At least 2 test-dates with cell count >= 800,000		Lactations with All test-dates with cell count < 300,000		Intermediate somatic cell counts		Overall total
	Nb	%	Nb	%	Nb	%	
2012	1,412	13.8	4,378	42.8	4,431	43.4	10,221
2013	1,406	13.9	4,284	42.4	4,424	43.7	10,114
2014	1,516	14.8	4,301	42.0	4,432	43.2	10,249
2015	1,451	14.2	4,515	44.2	4,255	41.6	10,221
2016	1,250	12.6	4,587	46.4	4,045	40.9	9,882
2017	1,280	13.1	4,567	46.8	3,918	40.1	9,765
2018	1,193	12.6	4,487	47.4	3,793	40.0	9,473
2019	1,076	11.4	4,694	49.9	3,643	38.7	9,413
2020	1,025	11.8	4,421	50.8	3,256	37.4	8,702
2021	791	9.5	4,650	55.9	2,870	34.5	8,311
2022	637	7.9	5,017	62.3	2,397	29.8	8,051



¹Pure-bred herds only: A herd is considered as pure-bred when at least 80% of the total number of cows that belong to this herd has the same breed code.



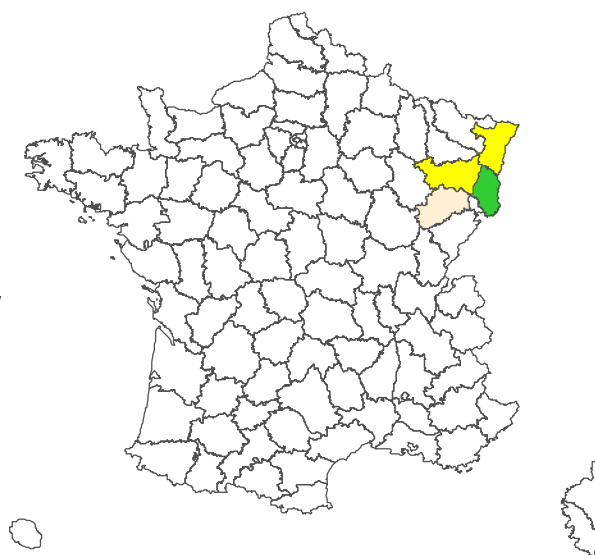
Detailed results per breed

Breed VOSGIENNE
(French breed code : 57)

Geographical distribution of qualified lactations of Vosgienne breed ¹



≥ 64 & < 100
 ≥ 100 & < 500
 ≥ 500 & ≤ 557

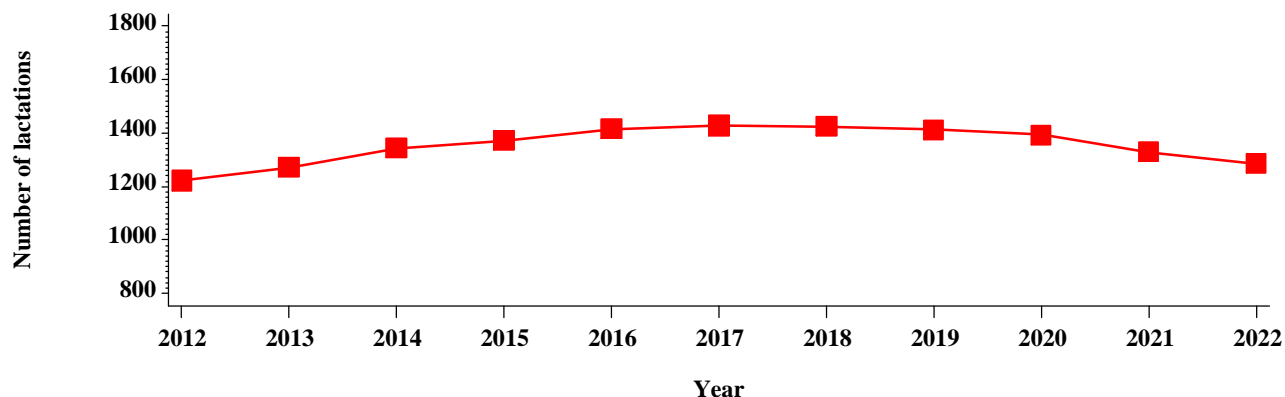


¹ Only local areas that count up more than 40 lactations for Vosgienne breed are shown on the map

Complete lactations results per parity

Parity	Number of qualified lactations	Calving age months	Lactation duration days	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat + true protein content kg	Fat + true protein % g/kg	Calving interval days
1st lactation	330	37	289	3,522	136	38.7	114	32.3	250	71.0	
2nd lactation	255	50	292	4,022	155	38.6	129	32.1	284	70.6	395
3rd lactation	205	64	290	4,286	161	37.5	136	31.6	296	69.1	398
4th lactation	163	76	293	4,488	166	37.1	141	31.4	307	68.5	396
5th lactation	133	88	296	4,749	176	37.1	148	31.1	324	68.2	405
6th lactation	68	101	298	4,621	165	35.7	144	31.1	309	66.8	393
7th lactation	56	114	288	4,459	165	37.1	139	31.1	304	68.2	390
Lactation 8 and over	76	139	299	4,593	169	36.7	141	30.8	310	67.5	406
All lactations	1,286		292	4,154	157	37.7	131	31.7	288	69.3	398

Evolution of the number of qualified lactations for Vosgienne breed

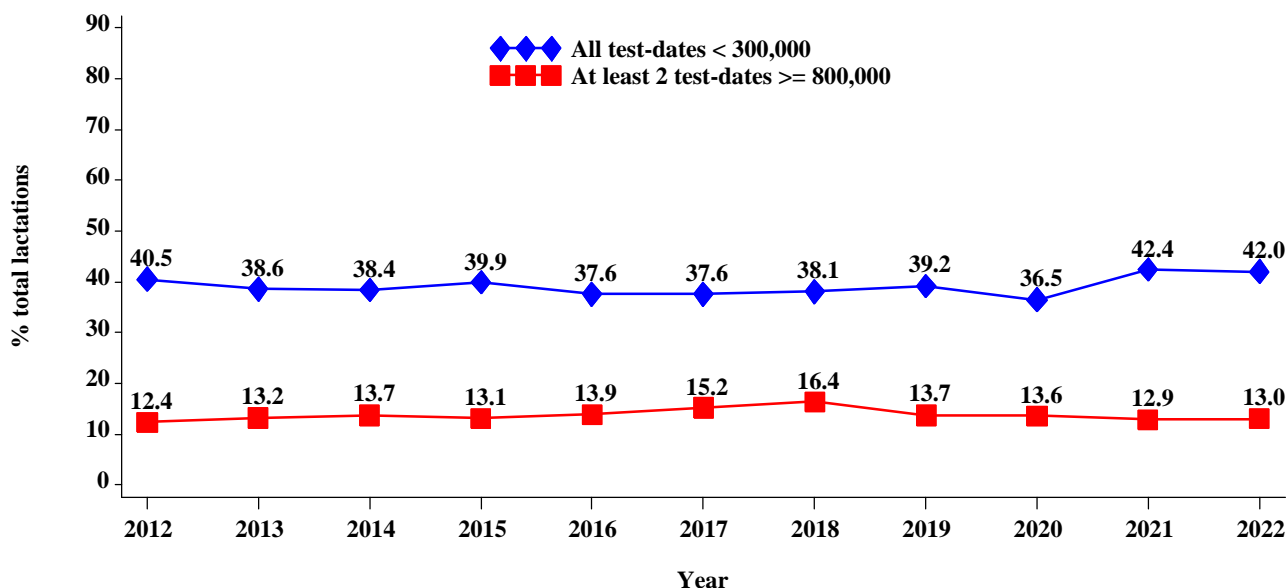


Herd distribution¹ per milk yield level

Milk yield levels	Herds		Lactations		Complete lactation milk yield kg	Fat % g/kg	True protein % g/kg	Lactation duration days	305-d lactation milk yield kg	Calving interval days
	Nb	%	Nb	%						
<3000 kg	4	10.8	104	11.9	2,321	37.3	31.5	245	2,282	409
>=3000 & <4000 kg	12	32.4	283	32.3	3,641	37.1	31.0	282	3,540	387
>=4000 & <5000 kg	13	35.1	314	35.9	4,508	37.4	31.7	299	4,331	401
>=5000 kg	8	21.6	174	19.9	5,203	37.5	32.2	311	4,949	392
Overall total	37	100	875	100	4,106	37.3	31.6	289	3,955	396

Evolution of somatic cells count distribution

Year	At least 2 test-dates with cell count >= 800,000		Lactations with All test-dates with cell count < 300,000		Intermediate somatic cell counts		Overall total
	Nb	%	Nb	%	Nb	%	
2012	152	12.4	495	40.5	576	47.1	1,223
2013	168	13.2	491	38.6	613	48.2	1,272
2014	184	13.7	516	38.4	644	47.9	1,344
2015	180	13.1	548	39.9	644	46.9	1,372
2016	196	13.9	532	37.6	687	48.6	1,415
2017	217	15.2	537	37.6	675	47.2	1,429
2018	233	16.4	543	38.1	649	45.5	1,425
2019	194	13.7	554	39.2	665	47.1	1,413
2020	189	13.6	509	36.5	695	49.9	1,393
2021	172	12.9	564	42.4	594	44.7	1,330
2022	167	13.0	540	42.0	579	45.0	1,286



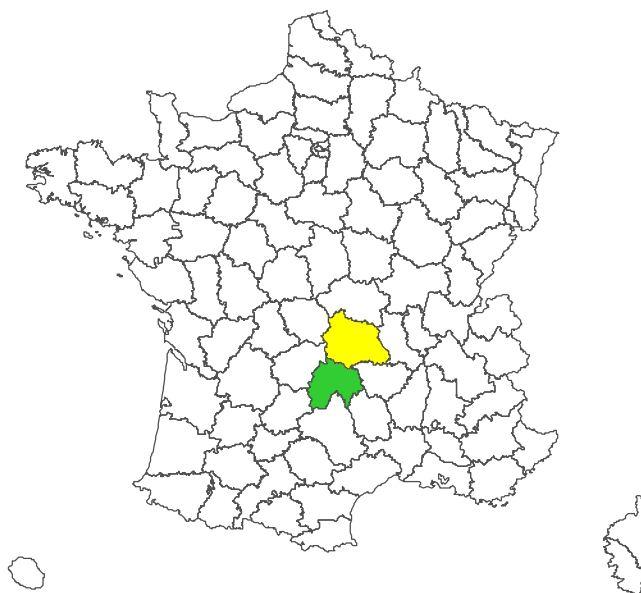
¹Pure-bred herds only: A herd is considered as pure-bred when at least 80% of the total number of cows that belong to this herd has the same breed code.



Detailed results per breed

Breed SALERS
(French breed code : 23)

Geographical distribution of qualified lactations of Salers breed ¹



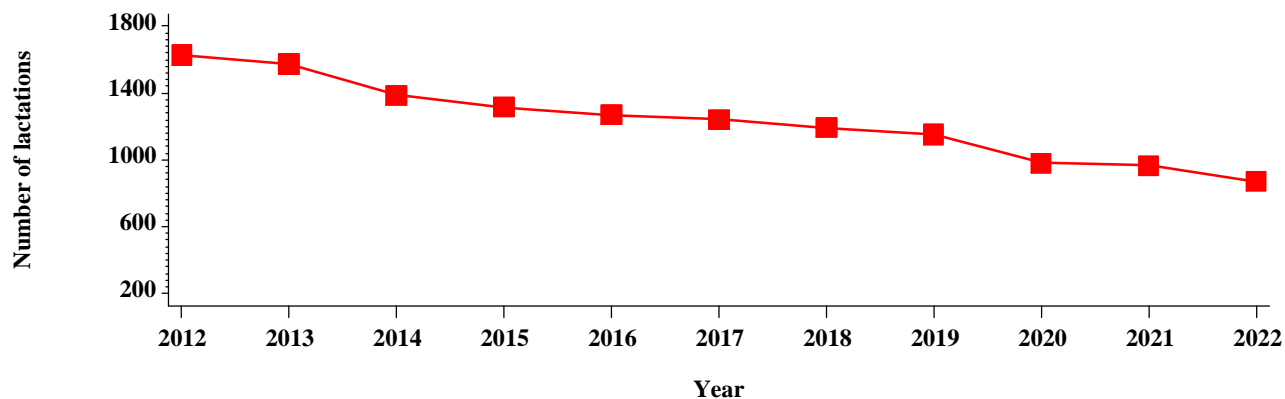
233
637

¹ Only local areas that count up more than 40 lactations for Salers breed are shown on the map

Complete lactations results per parity

Parity	Number of qualified lactations	Calving age months	Lactation duration days	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat + true protein content kg	Fat + true protein % g/kg	Calving interval days
1st lactation	163	36	256	2,105	74	35.4	70	33.3	145	68.7	
2nd lactation	153	49	240	2,414	84	34.6	79	32.9	163	67.5	377
3rd lactation	136	61	244	2,534	85	33.4	83	32.7	168	66.2	371
4th lactation	93	73	251	2,699	89	32.8	87	32.4	176	65.2	378
5th lactation	81	87	252	2,657	89	33.4	86	32.4	175	65.7	375
6th lactation	67	96	241	2,787	95	34.1	89	31.9	184	66.0	369
7th lactation	61	109	235	2,627	90	34.4	84	32.1	175	66.4	377
Lactation 8 and over	117	139	240	2,501	82	32.9	81	32.2	163	65.1	375
All lactations	871		246	2,483	84	33.9	81	32.6	165	66.5	375

Evolution of the number of qualified lactations for Salers breed

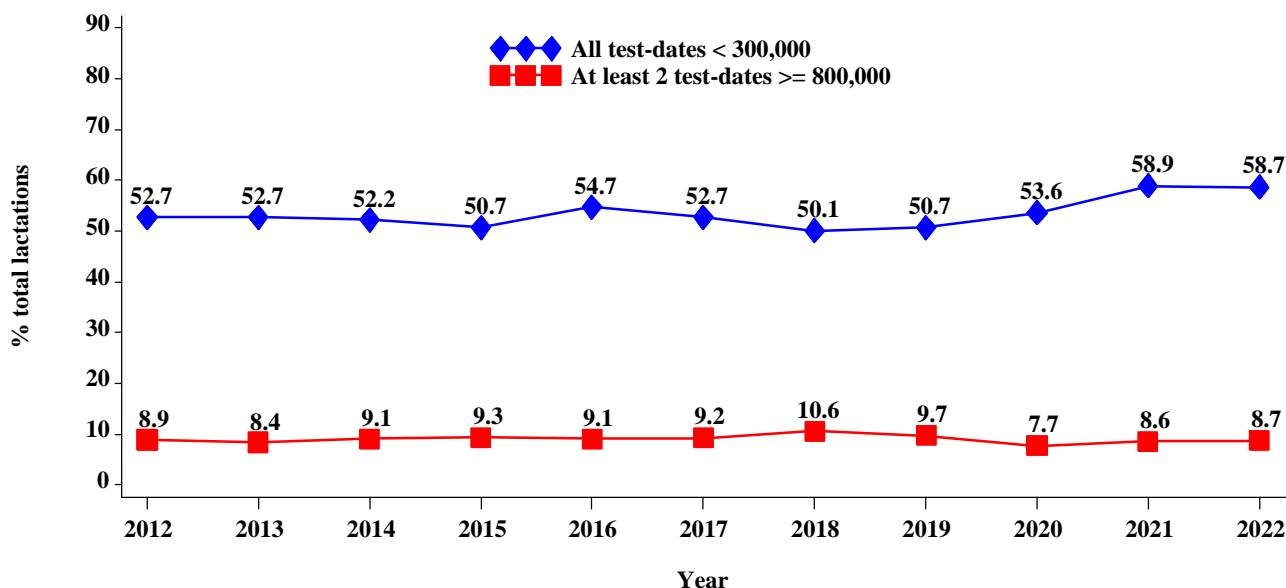


Herd distribution¹ per milk yield level

Milk yield levels	Herds		Lactations		Complete lactation milk yield kg	Fat % g/kg	True protein % g/kg	Lactation duration days	305-d lactation milk yield kg	Calving interval days
	Nb	%	Nb	%						
<2000 kg	4	20.0	117	13.8	1,557	33.8	32.9	216	1,556	378
>=2000 & <3000 kg	14	70.0	610	71.9	2,448	33.3	32.7	246	2,441	375
>=3000 kg	2	10.0	121	14.3	3,530	36.1	32.3	285	3,508	371
Overall total	20	100	848	100	2,480	33.9	32.6	247	2,471	375

Evolution of somatic cells count distribution

Year	At least 2 test-dates with cell count >= 800,000		Lactations with All test-dates with cell count < 300,000		Intermediate somatic cell counts		Overall total
	Nb	%	Nb	%	Nb	%	
2012	145	8.9	858	52.7	625	38.4	1,628
2013	133	8.4	829	52.7	612	38.9	1,574
2014	126	9.1	725	52.2	538	38.7	1,389
2015	122	9.3	667	50.7	526	40.0	1,315
2016	115	9.1	694	54.7	460	36.2	1,269
2017	114	9.2	654	52.7	473	38.1	1,241
2018	127	10.6	598	50.1	469	39.3	1,194
2019	112	9.7	584	50.7	456	39.6	1,152
2020	75	7.7	525	53.6	380	38.8	980
2021	83	8.6	568	58.9	314	32.5	965
2022	76	8.7	511	58.7	284	32.6	871



¹Pure-bred herds only: A herd is considered as pure-bred when at least 80% of the total number of cows that belong to this herd has the same breed code.



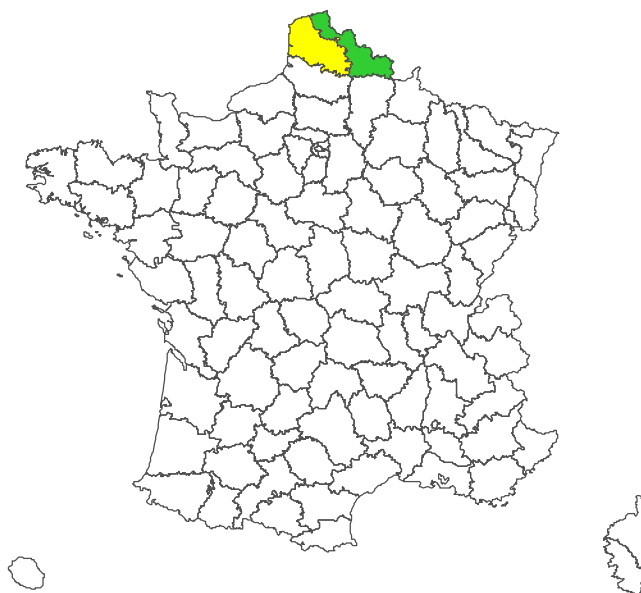
Detailed results per breed

Breed ROUGE FLAMANDE
(French breed code : 63)

Geographical distribution of qualified lactations of Rouge Flamande breed ¹



163
428

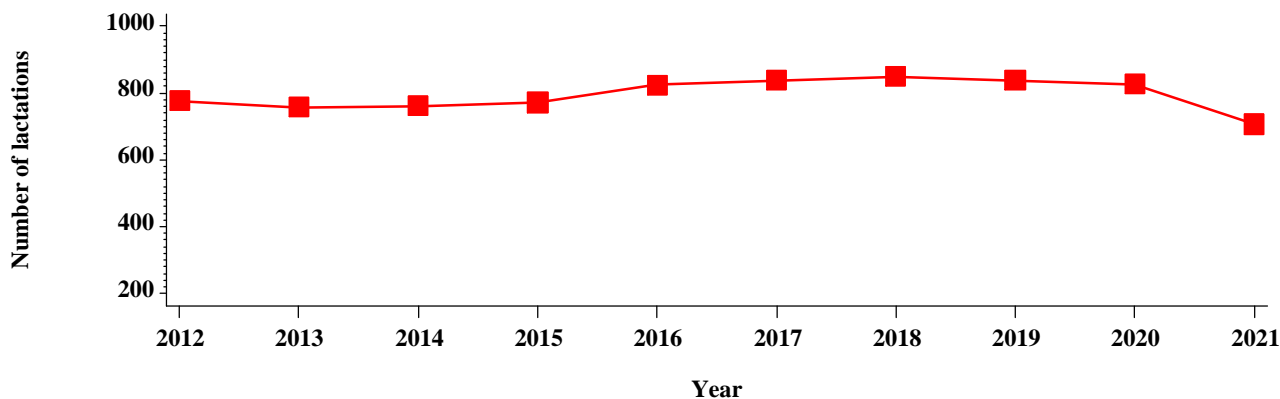


¹ Only local areas that count up more than 40 lactations for Rouge Flamande breed are shown on the map

Complete lactations results per parity

Parity	Number of qualified lactations	Calving age months	Lactation duration days	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat + true protein content kg	Fat + true protein % g/kg	Calving interval days
1st lactation	254	33	332	5,326	212	39.8	175	32.8	387	72.6	
2nd lactation	158	46	313	5,740	224	39.0	188	32.7	412	71.7	393
3rd lactation	113	58	311	5,841	230	39.3	190	32.5	420	71.9	390
4th lactation	71	71	315	6,309	247	39.2	202	32.1	450	71.3	403
5th lactation	37	84	324	6,056	241	39.9	194	32.0	435	71.8	416
6th lactation	24	98	295	5,126	202	39.3	164	32.0	366	71.4	387
7th lactation	16	109	310	5,955	240	40.3	181	30.4	421	70.6	404
Lactation 8 and over	10	126	321	5,628	220	39.1	181	32.2	401	71.3	393
All lactations	683		320	5,661	223	39.4	184	32.5	407	72.0	396

Evolution of the number of qualified lactations for Rouge Flamande breed

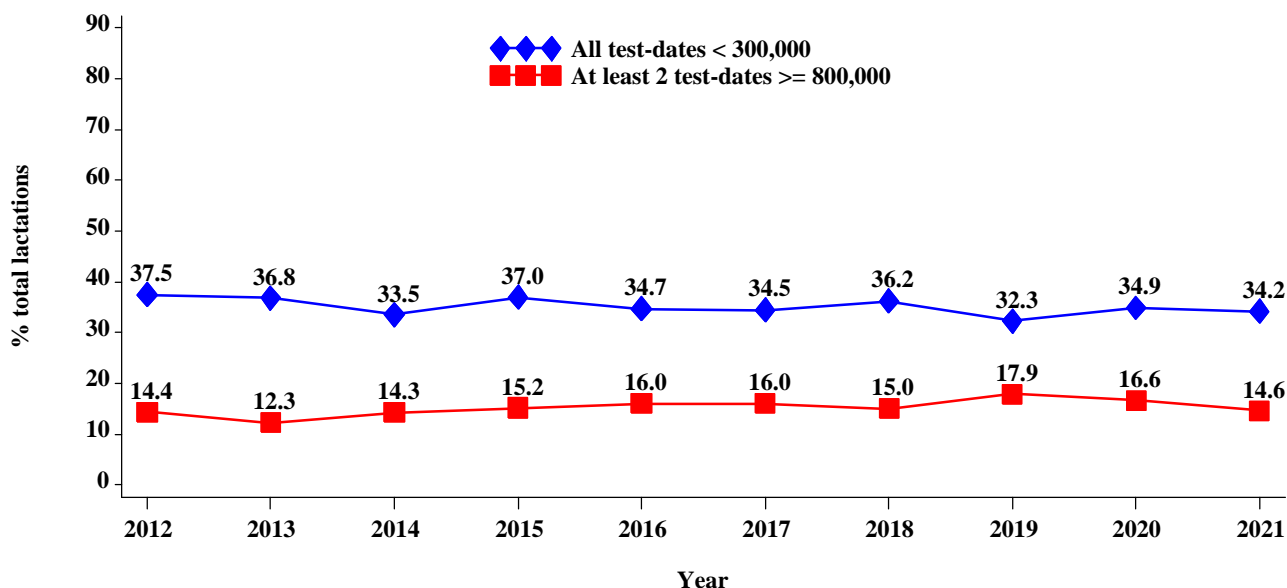


Herd distribution¹ per milk yield level

Milk yield levels	Herds		Lactations		Complete lactation milk yield kg	Fat % g/kg	True protein % g/kg	Lactation duration days	305-d lactation milk yield kg	Calving interval days
	Nb	%	Nb	%						
≥4000 & <5000 kg	5	71.4	121	51.5	4,445	38.7	31.9	340	4,034	403
≥5000 & <6000 kg	1	14.3	34	14.5	5,082	39.0	34.2	349	4,602	376
≥6000 kg	1	14.3	80	34.0	6,394	38.5	32.7	306	6,043	387
Overall total	7	100	235	100	5,201	38.7	32.5	330	4,800	394

Evolution of somatic cells count distribution

Year	At least 2 test-dates with cell count ≥ 800,000		Lactations with All test-dates with cell count < 300,000		Intermediate somatic cell counts		Overall total
	Nb	%	Nb	%	Nb	%	
2012	112	14.4	291	37.5	374	48.1	777
2013	93	12.3	279	36.8	386	50.9	758
2014	109	14.3	255	33.5	397	52.2	761
2015	117	15.2	286	37.0	369	47.8	772
2016	132	16.0	286	34.7	407	49.3	825
2017	134	16.0	289	34.5	415	49.5	838
2018	127	15.0	307	36.2	415	48.9	849
2019	150	17.9	271	32.3	417	49.8	838
2020	137	16.6	288	34.9	401	48.5	826
2021	103	14.6	242	34.2	362	51.2	707



¹Pure-bred herds only: A herd is considered as pure-bred when at least 80% of the total number of cows that belong to this herd has the same breed code.



Detailed results per breed

Breed BLEUE DU NORD (French breed code : 52)



Complete lactations results per parity

Parity	Number of qualified lactations	Calving age months	Lactation duration days	Milk yield kg	Fat content kg	Fat % g/kg	True protein kg	True protein % g/kg	Fat + true protein content kg	Fat + true protein % g/kg	Calving interval days
1st lactation	146	35	305	4,402	165	37.5	139	31.5	304	69.1	
2nd lactation	127	47	289	4,884	181	37.0	154	31.4	334	68.4	395
3rd lactation	83	60	291	5,254	198	37.7	164	31.3	363	69.0	415
4th lactation	80	72	263	4,828	181	37.6	150	31.0	331	68.6	375
5th lactation	37	89	275	4,742	177	37.4	147	31.0	324	68.4	423
6th lactation	30	96	299	5,687	209	36.7	176	31.0	385	67.8	379
7th lactation	20	113	304	5,161	185	35.9	156	30.3	342	66.2	423
Lactation 8 and over	17	134	311	5,131	182	35.4	153	29.8	334	65.2	401
All lactations	540		291	4,855	181	37.2	152	31.2	332	68.5	398

Detailed results per breed

Breed BRETONNE PIE NOIRE (French breed code: 29)



Complete lactations results per parity

Parity	Number of qualified lactations	Calving age months	Lactation duration days	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat + true protein content kg	Fat + true protein % g/kg	Calving interval days
1st lactation	64	32	270	2,205	100	45.1	73	33.2	173	78.4	
2nd lactation	78	43	244	2,308	99	43.0	76	32.9	175	76.0	379
3rd lactation	52	58	259	2,739	122	44.5	91	33.4	213	77.9	398
4th lactation	24	69	272	2,933	127	43.2	96	32.9	223	76.0	377
5th lactation	12	81	265	2,903	134	46.0	95	32.8	229	78.9	365
6th lactation	16	94	276	3,219	144	44.6	106	33.0	250	77.7	365
7th lactation	5	109	224	2,665	111	41.7	82	30.9	194	72.6	376
Lactation 8 and over	17	137	250	2,860	120	42.0	89	31.2	209	73.2	429
All lactations	268		259	2,546	112	44.0	84	32.9	196	76.9	386



III - RESULTS PER LOCAL AREA (= French “département”)

3.1.a - Qualified lactations per protocol and local area

Département	Protocoles																										LACTATIONS QUALIFIEES	LACTATIONS NON QUALIFIEES			
	A		AR		AR*		AT		AT*		B		BR		BR*		BT		BT*		BZ		BZ*		CZ				CZ*		
	Nb	%	Nb	%	Nb	%	Nb	%	Nb	%	Nb	%	Nb	%	Nb	%	Nb	%	Nb	%	Nb	%	Nb	%	Nb	%			Nb	%	Nb
Ain	13,996	45.2			76	0.2	5,551	17.9	4,159	13.4	2,680	8.7			4,271	13.8	20	0.1	114	0.4			79	0.3	1	0.0			30,947	1,713	
Aisne	13,496	85.0	792	5.0	740	4.7	4	0.0	594	3.7	130	0.8											119	0.7			1	0.0	15,876	994	
Allier	2,434	64.2					985	26.0	72	1.9	152	4.0			16	0.4	86	2.3	45	1.2									3,790	231	
Alpes Hte Provence					203	35.2	304	52.7	25	4.3					1	0.2	43	7.5	1	0.2									577	20	
Hautes Alpes	630	27.6					334	14.6	19	0.8	870	38.1			151	6.6	265	11.6	13	0.6									2,282	162	
Alpes Maritimes							95	73.6									34	26.4											129	1	
Ardèche	299	5.7	2	0.0	378	7.3	4,277	82.2	166	3.2	46	0.9					4	0.1	32	0.6									5,204	375	
Ardennes	5,046	44.5					694	6.1	2,234	19.7	1,567	13.8			1,326	11.7	3	0.0	251	2.2					13	0.1	195	1.7	11,329	793	
Ariège	146	6.0					1,316	53.7	972	39.6	18	0.7																	2,452	117	
Aube	709	11.5			1,027	16.7	730	11.9	46	0.7	77	1.3			305	5.0									2,428	39.4	837	13.6	6,159	272	
Aude	51	16.5					58	18.7	201	64.8																			310	12	
Aveyron	72	0.2			2,004	6.4	18,830	59.9	7,375	23.5	151	0.5	2	0.0	2,380	7.6	2	0.0	1	0.0	294	0.9	99	0.3	192	0.6	22	0.1	31,424	1,356	
Calvados	18,484	41.5	13	0.0	3,554	8.0	8,646	19.4	6,893	15.5	2,307	5.2	6	0.0	3,128	7.0	215	0.5	118	0.3	36	0.1	497	1.1	26	0.1	629	1.4	44,552	4,132	
Cantal	3,638	8.3	1	0.0	1,613	3.7	21,736	49.6	9,644	22.0	1,121	2.6			1,875	4.3	1,798	4.1	1,145	2.6	170	0.4	47	0.1	915	2.1	111	0.3	43,814	2,773	
Charente	2,602	57.2	96	2.1	69	1.5	650	14.3	520	11.4	452	9.9	49	1.1	25	0.5									70	1.5	16	0.4	4,549	314	
Charente Maritime	3,118	51.5	40	0.7	165	2.7	731	12.1	386	6.4	509	8.4	218	3.6	634	10.5	162	2.7	94	1.6									6,057	483	
Cher	1,921	62.1			488	15.8	1	0.0	39	1.3	5	0.2			178	5.8										427	13.8	33	1.1	3,092	252
Corrèze	120	2.8					3,068	71.1	983	22.8					142	3.3	2	0.0											4,315	276	
Côte d'Or	4,783	41.5			1,695	14.7	1,346	11.7	395	3.4			4	0.0	1,405	12.2					28	0.2	146	1.3	913	7.9	799	6.9	11,514	504	
Côtes d'Armor	34,713	39.5	344	0.4	6	0.0	12,083	13.8	13,326	15.2	11,464	13.1	9,662	11.0	3,457	3.9	156	0.2	845	1.0	77	0.1	578	0.7	108	0.1	988	1.1	87,807	6,069	
Creuse	1,443	46.2			133	4.3	1,451	46.4	38	1.2					60	1.9													3,125	127	
Dordogne	1,985	23.9			33	0.4	3,621	43.6	993	12.0	490	5.9			1,091	13.1	79	1.0	13	0.2									8,305	604	
Doubs	74,511	90.3	1	0.0	2,882	3.5	858	1.0	3,020	3.7	1,222	1.5			13	0.0							13	0.0			19	0.0	82,539	4,413	
Drôme	566	21.5	2	0.1	629	23.9	1,317	50.1	112	4.3					1	0.0													2,627	99	
Eure	8,419	64.9	15	0.1	1,119	8.6	1,206	9.3	1,189	9.2	401	3.1	1	0.0	163	1.3	40	0.3	43	0.3			89	0.7	88	0.7	201	1.5	12,974	1,344	
Eure & Loir	2,992	71.3	69	1.6	78	1.9	40	1.0	159	3.8	49	1.2	335	8.0	474	11.3													4,196	468	
Finistère	36,333	49.3	530	0.7	14	0.0	9,450	12.8	8,781	11.9	8,330	11.3	6,137	8.3	736	1.0	209	0.3	590	0.8	43	0.1	533	0.7	488	0.7	1,483	2.0	73,657	5,492	
Haute Garonne	1,495	26.4	1	0.0	794	14.0	1,960	34.6	1,394	24.6							2	0.0	5	0.1									5,672	265	
Gers	172	19.5			98	11.1	386	43.7	117	13.2	111	12.6																	884	43	
Gironde	1,130	43.6			186	7.2	514	19.8	748	28.8	9	0.3			7	0.3													2,594	309	
Hérault	4	4.8					50	60.2	29	34.9																			83	3	
Ille & Vilaine	38,913	26.2	16	0.0	3,071	2.1	593	0.4	58,075	39.1	20,071	13.5	224	0.2	17,122	11.5	71	0.0	4,491	3.0			2,493	1.7	4	0.0	3,566	2.4	148,710	13,248	
Indre	717	20.4					157	4.5	1	0.0	1,870	53.3	2	0.1	761	21.7													3,508	261	
Indre & Loire	5,605	53.8	733	7.0	427	4.1	376	3.6	162	1.6	1,673	16.1	542	5.2	871	8.4	20	0.2	11	0.1									10,420	926	
Isère	9,315	53.7	7	0.0	1,795	10.4	5,135	29.6	514	3.0	351	2.0			214	1.2													17,331	953	
Jura	38,397	84.4			371	0.8	474	1.0	1,204	2.6	4,210	9.3			584	1.3			1	0.0	1	0.0	254	0.6		3	0.0	45,499	2,353		
Landes	1,304	41.0			252	7.9	648	20.4	298	9.4					677	21.3													3,179	169	



3.1.a - Qualified lactations per protocol and local area

Département	Protocoles																												LACTATIONS QUALIFIEES	LACTATIONS NON QUALIFIEES
	A		AR		AR*		AT		AT*		B		BR		BR*		BT		BT*		BZ		BZ*		CZ		CZ*			
	Nb	%	Nb	%	Nb	%	Nb	%	Nb	%	Nb	%	Nb	%	Nb	%	Nb	%	Nb	%	Nb	%	Nb	%	Nb	%	Nb	%		
Loir & Cher	3,254	44.8			1,847	25.4	207	2.8	30	0.4	755	10.4	7	0.1	1,142	15.7	7	0.1					21	0.3					7,270	436
Loire	21,941	65.1			3,369	10.0	2,401	7.1	441	1.3	5,431	16.1	2	0.0	122	0.4	3	0.0											33,710	1,508
Haute Loire	17,486	47.9	6	0.0	4,831	13.2	6,017	16.5	4,785	13.1	2,322	6.4			22	0.1	91	0.2	12	0.0					542	1.5	423	1.2	36,537	2,180
Loire Atlantique	31,341	40.8	274	0.4	792	1.0	21,699	28.2	5,459	7.1	6,107	7.9	939	1.2	6,233	8.1	1,347	1.8	756	1.0	8	0.0	445	0.6	116	0.2	1,343	1.7	76,859	5,066
Loiret	530	11.7	1	0.0	1,399	30.9	306	6.8	255	5.6	104	2.3			63	1.4							72	1.6	1,362	30.1	436	9.6	4,528	422
Lot	182	2.4			900	12.0	4,295	57.3	2,060	27.5												43	0.6	10	0.1			7,490	452	
Lot & Garonne	1,181	22.7			277	5.3	2,081	40.0	1,607	30.9	55	1.1						3	0.1								5,204	317		
Lozère	167	2.3					4,743	65.6	1,325	18.3			1	0.0	674	9.3									236	3.3	79	1.1	7,225	380
Maine & Loire	11,003	20.0	70	0.1	311	0.6	5,511	10.0	1,391	2.5	22,457	40.8	2,517	4.6	9,344	17.0	841	1.5	1,162	2.1	26	0.0	101	0.2			271	0.5	55,005	3,530
Manche	72,059	61.5	53	0.0	4,187	3.6	12,232	10.4	7,729	6.6	10,576	9.0	66	0.1	5,743	4.9	267	0.2	845	0.7	151	0.1	843	0.7	167	0.1	2,225	1.9	117,143	12,780
Marne	2,349	65.8			1,217	34.1					4	0.1																3,570	396	
Haute Marne	12,545	55.6	2	0.0	3,961	17.5	328	1.5	552	2.4	476	2.1	30	0.1	3,590	15.9									646	2.9	452	2.0	22,582	1,343
Mayenne	38,192	38.2	2,592	2.6	4,662	4.7	20,807	20.8	5,770	5.8	16,933	16.9	1,924	1.9	4,480	4.5	1,912	1.9	1,141	1.1	90	0.1	514	0.5	144	0.1	782	0.8	99,943	6,312
Meurthe & Moselle	8,459	40.0	159	0.8	5	0.0	811	3.8	195	0.9	1,200	5.7	6,046	28.6	902	4.3	72	0.3	253	1.2	8	0.0	1,854	8.8	10	0.0	1,189	5.6	21,163	1,469
Meuse	11,610	51.5	239	1.1	37	0.2	991	4.4	1,034	4.6	2,344	10.4	3,717	16.5	712	3.2	125	0.6	224	1.0	1	0.0	659	2.9	1	0.0	845	3.7	22,539	1,741
Morbihan	38,822	49.2	172	0.2	533	0.7	9,674	12.3	6,673	8.5	10,791	13.7	8,564	10.9	1,270	1.6	590	0.7	1,686	2.1	6	0.0	7	0.0	1	0.0	129	0.2	78,918	5,010
Moselle	17,875	62.8	7	0.0	6,820	24.0	477	1.7	604	2.1	1,166	4.1	11	0.0	1,097	3.9	65	0.2	35	0.1	214	0.8	5	0.0	17	0.1	58	0.2	28,451	2,112
Nièvre	126	15.3			229	27.8	237	28.8	39	4.7	27	3.3			90	10.9									51	6.2	25	3.0	824	102
Nord	33,802	78.0	3,854	8.9	687	1.6	65	0.1	871	2.0	3,344	7.7	343	0.8	200	0.5					184	0.4							43,350	3,606
Oise	7,840	87.7	334	3.7	11	0.1	4	0.0	537	6.0	192	2.1	19	0.2														8,937	527	
Orne	16,571	25.6	1,081	1.7	866	1.3	7,433	11.5	6,395	9.9	17,743	27.5	4,513	7.0	4,677	7.2	984	1.5	2,277	3.5			1,121	1.7	99	0.2	851	1.3	64,611	4,703
Pas de Calais	28,091	79.6	478	1.4	15	0.0	741	2.1	293	0.8	4,659	13.2	916	2.6	13	0.0	10	0.0	67	0.2							1	0.0	35,284	3,604
Puy de Dôme	9,106	26.3			2,613	7.5	15,705	45.3	6,033	17.4	552	1.6					311	0.9	219	0.6					13	0.0	100	0.3	34,652	2,238
Pyrénées Atlantiques	5,237	52.4	2	0.0	408	4.1	1,148	11.5	473	4.7	408	4.1			1,377	13.8	23	0.2	16	0.2	243	2.4	27	0.3	482	4.8	143	1.4	9,987	609
Hautes Pyrénées	449	19.4			413	17.8	655	28.3	336	14.5	333	14.4					4	0.2	124	5.4								2,314	133	
Pyrénées Orientales	55	34.2					2	1.2	104	64.6																		161	26	
Bas Rhin	7,139	32.4			2,258	10.2	1,081	4.9	577	2.6	225	1.0	7	0.0	6,342	28.8					442	2.0	254	1.2	2,805	12.7	915	4.2	22,045	1,537
Haut Rhin	3,628	31.0			491	4.2	916	7.8	836	7.1	386	3.3			1,331	11.4			11	0.1	555	4.7	156	1.3	2,366	20.2	1,033	8.8	11,709	1,243
Rhône	9,244	48.9			830	4.4	7,646	40.4	1,182	6.3	1	0.0			1	0.0												18,904	1,012	
Haute Saône	20,581	67.3			5,660	18.5	294	1.0	3,169	10.4	702	2.3			7	0.0							11	0.0			146	0.5	30,570	2,301
Saône & Loire	1,758	11.5			1,230	8.1	9,305	61.0	413	2.7	314	2.1			1,823	12.0	206	1.4	204	1.3								15,253	767	
Sarthe	17,431	45.2	1,946	5.1	3,411	8.9	4,903	12.7	1,795	4.7	4,503	11.7	889	2.3	3,017	7.8	411	1.1	94	0.2	8	0.0	93	0.2	2	0.0	27	0.1	38,530	2,879
Savoie	1,900	8.3			936	4.1	7,177	31.2	7,072	30.7	2,295	10.0			1,296	5.6	841	3.7	1,101	4.8	70	0.3	121	0.5	12	0.1	189	0.8	23,010	1,062
Haute Savoie	8,268	22.9			2,032	5.6	10,566	29.3	4,768	13.2	5,125	14.2			2,949	8.2	1,276	3.5	796	2.2	11	0.0	136	0.4	43	0.1	87	0.2	36,057	1,608
Seine Maritime	34,289	80.5	1	0.0	1,556	3.7	2,471	5.8	1,651	3.9	1,524	3.6	1	0.0	419	1.0			1	0.0	129	0.3	112	0.3	3	0.0	436	1.0	42,593	2,479
Seine & Marne	455	17.5			908	34.9	115	4.4	1,015	39.0	47	1.8															61	2.3	2,601	131
Yvelines	523	42.0					1	0.1	414	33.3	306	24.6																1,244	180	
Deux Sèvres	9,215	50.0	45	0.2	1,375	7.5	4	0.0	717	3.9	3,462	18.8	2	0.0	977	5.3							56	0.3			2,438	13.2	18,422	1,198
Somme	15,347	74.1	2,325	11.2	317	1.5	44	0.2	271	1.3	2,077	10.0	114	0.6	205	1.0										7	0.0	20,707	1,865	
Tarn	944	11.6			1,156	14.2	3,345	41.0	2,662	32.6	57	0.7							2	0.0							8,166	492		



3.1.a - Qualified lactations per protocol and local area

Département	Protocoles																										LACTATIONS QUALIFIEES	LACTATIONS NON QUALIFIEES				
	A		AR		AR*		AT		AT*		B		BR		BR*		BT		BT*		BZ		BZ*		CZ				CZ*			
	Nb	%	Nb	%	Nb	%	Nb	%	Nb	%	Nb	%	Nb	%	Nb	%	Nb	%	Nb	%	Nb	%	Nb	%	Nb	%			Nb	%	Nb	%
Tarn & Garonne	61	2.0			320	10.6	1,344	44.5	748	24.8							201	6.7	272	9.0	39	1.3	35	1.2							3,020	155
Var							13	68.4									6	31.6													19	2
Vendée	23,955	52.5	75	0.2	406	0.9	2,093	4.6	564	1.2	9,833	21.5	2,282	5.0	4,705	10.3	102	0.2	209	0.5	104	0.2	481	1.1	570	1.2	259	0.6	45,638	2,985		
Vienne	1,852	35.4	148	2.8	385	7.3	1,179	22.5	470	9.0	655	12.5	131	2.5	272	5.2					43	0.8	104	2.0							5,239	251
Haute Vienne	2,142	54.4			624	15.8	327	8.3	513	13.0	104	2.6			118	3.0	37	0.9	30	0.8							43	1.1	3,938	300		
Vosges	12,875	34.0	444	1.2	329	0.9	4,426	11.7	3,331	8.8	3,655	9.6	8,393	22.2	2,097	5.5	994	2.6	917	2.4	1	0.0	232	0.6			192	0.5	37,886	2,728		
Yonne	515	6.9	10	0.1	733	9.9	333	4.5	135	1.8	314	4.2			146	2.0							27	0.4	2,363	31.8	2,855	38.4	7,431	423		
Territoire de Belfort	2,090	60.5			1,360	39.4									3	0.1											2	0.1	3,455	258		
Essonne									30	100.0																			30	2		
Val d'Oise	161	98.2							3	1.8																			164	7		
Réunion	2,180	99.3			16	0.7																							2,196	237		
Total	896,385	45.5	16,980	0.9	90,623	4.6	285,828	14.5	212,210	10.8	203,900	10.4	58,616	3.0	109,527	5.6	13,937	0.7	20,585	1.0	2,841	0.1	12,444	0.6	17,742	0.9	26,948	1.4	1,968,566	139,030		



3.1.b - Qualified lactations per method and local area

Département	Méthodes												LACTATIONS QUALIFIEES	LACTATIONS NON QUALIFIEES
	4		5		6		7		8		9			
	Nb	%	Nb	%	Nb	%	Nb	%	Nb	%	Nb	%		
Ain	20,377	65.8	5,197	16.8	1,382	4.5	1,154	3.7	1,864	6.0	973	3.1	30,947	1,713
Aisne	9,671	60.9	2,405	15.1	1,002	6.3	934	5.9	1,327	8.4	537	3.4	15,876	994
Allier	2,798	73.8	535	14.1	156	4.1	91	2.4	154	4.1	56	1.5	3,790	231
Alpes Hte Provence	470	81.5	37	6.4	23	4.0	19	3.3	16	2.8	12	2.1	577	20
Hautes Alpes	480	21.0	948	41.5	461	20.2	181	7.9	95	4.2	117	5.1	2,282	162
Alpes Maritimes	101	78.3	17	13.2	6	4.7	2	1.6	2	1.6	1	0.8	129	1
Ardèche	3,080	59.2	884	17.0	472	9.1	259	5.0	326	6.3	183	3.5	5,204	375
Ardennes	5,146	45.4	3,202	28.3	1,024	9.0	757	6.7	805	7.1	395	3.5	11,329	793
Ariège	1,403	57.2	646	26.3	207	8.4	68	2.8	69	2.8	59	2.4	2,452	117
Aube	4,652	75.5	408	6.6	216	3.5	233	3.8	516	8.4	134	2.2	6,159	272
Aude			175	56.5	78	25.2	23	7.4	17	5.5	17	5.5	310	12
Aveyron	15,836	50.4	11,436	36.4	1,451	4.6	1,054	3.4	876	2.8	771	2.5	31,424	1,356
Calvados	13,845	31.1	13,085	29.4	6,954	15.6	3,948	8.9	4,929	11.1	1,791	4.0	44,552	4,132
Cantal	20,796	47.5	15,991	36.5	2,447	5.6	1,549	3.5	1,926	4.4	1,105	2.5	43,814	2,773
Charente	1,804	39.7	1,503	33.0	566	12.4	372	8.2	184	4.0	120	2.6	4,549	314
Charente Maritime	3,038	50.2	880	14.5	776	12.8	351	5.8	747	12.3	265	4.4	6,057	483
Cher	1,271	41.1	369	11.9	518	16.8	316	10.2	531	17.2	87	2.8	3,092	252
Corrèze	2,783	64.5	927	21.5	215	5.0	167	3.9	105	2.4	118	2.7	4,315	276
Côte d'Or	7,900	68.6	691	6.0	484	4.2	801	7.0	1,353	11.8	285	2.5	11,514	504
Côtes d'Armor	23,387	26.6	31,872	36.3	18,327	20.9	5,405	6.2	5,734	6.5	3,082	3.5	87,807	6,069
Creuse	1,765	56.5	977	31.3	121	3.9	89	2.8	123	3.9	50	1.6	3,125	127
Dordogne	3,246	39.1	3,401	41.0	733	8.8	415	5.0	235	2.8	275	3.3	8,305	604
Doubs	55,639	67.4	14,296	17.3	3,954	4.8	2,966	3.6	3,526	4.3	2,158	2.6	82,539	4,413
Drôme	1,284	48.9	715	27.2	207	7.9	126	4.8	213	8.1	82	3.1	2,627	99
Eure	7,160	55.2	2,037	15.7	983	7.6	794	6.1	1,481	11.4	519	4.0	12,974	1,344
Eure & Loir	1,881	44.8	1,014	24.2	351	8.4	336	8.0	276	6.6	338	8.1	4,196	468
Finistère	19,275	26.2	26,711	36.3	15,695	21.3	5,242	7.1	4,445	6.0	2,289	3.1	73,657	5,492
Haute Garonne	4,567	80.5	302	5.3	169	3.0	161	2.8	360	6.3	113	2.0	5,672	265
Gers	585	66.2	84	9.5	62	7.0	42	4.8	94	10.6	17	1.9	884	43
Gironde	1,910	73.6	188	7.2	170	6.6	116	4.5	85	3.3	125	4.8	2,594	309
Hérault	30	36.1	42	50.6	4	4.8	1	1.2	4	4.8	2	2.4	83	3
Ille & Vilaine	60,264	40.5	38,421	25.8	22,929	15.4	11,025	7.4	10,943	7.4	5,128	3.4	148,710	13,248
Indre	1,018	29.0	1,069	30.5	192	5.5	461	13.1	640	18.2	128	3.6	3,508	261
Indre & Loire	4,682	44.9	2,638	25.3	923	8.9	557	5.3	1,115	10.7	505	4.8	10,420	926
Isère	9,948	57.4	3,799	21.9	1,493	8.6	736	4.2	770	4.4	585	3.4	17,331	953
Jura	34,425	75.7	5,534	12.2	1,947	4.3	1,287	2.8	1,195	2.6	1,111	2.4	45,499	2,353
Landes	1,279	40.2	1,034	32.5	97	3.1	254	8.0	434	13.7	81	2.5	3,179	169
Loir & Cher	4,060	55.8	646	8.9	562	7.7	1,041	14.3	755	10.4	206	2.8	7,270	436
Loire	13,238	39.3	15,488	45.9	1,896	5.6	1,220	3.6	1,058	3.1	810	2.4	33,710	1,508
Haute Loire	16,292	44.6	12,458	34.1	2,455	6.7	1,642	4.5	2,626	7.2	1,064	2.9	36,537	2,180



3.1.b - Qualified lactations per method and local area

Département	Méthodes												LACTATIONS QUALIFIEES	LACTATIONS NON QUALIFIEES
	4		5		6		7		8		9			
	Nb	%	Nb	%	Nb	%	Nb	%	Nb	%	Nb	%	Nb	Nb
Loire Atlantique	45,514	59.2	12,767	16.6	6,593	8.6	3,796	4.9	5,335	6.9	2,854	3.7	76,859	5,066
Loiret	2,527	55.8	532	11.7	151	3.3	332	7.3	824	18.2	162	3.6	4,528	422
Lot	4,134	55.2	2,077	27.7	534	7.1	301	4.0	228	3.0	216	2.9	7,490	452
Lot & Garonne	3,880	74.6	567	10.9	199	3.8	210	4.0	168	3.2	180	3.5	5,204	317
Lozère	3,065	42.4	3,205	44.4	338	4.7	235	3.3	188	2.6	194	2.7	7,225	380
Maine & Loire	21,524	39.1	13,855	25.2	7,109	12.9	3,898	7.1	6,277	11.4	2,342	4.3	55,005	3,530
Manche	53,378	45.6	20,855	17.8	17,493	14.9	9,228	7.9	11,491	9.8	4,698	4.0	117,143	12,780
Marne	477	13.4	970	27.2	612	17.1	746	20.9	562	15.7	203	5.7	3,570	396
Haute Marne	7,247	32.1	5,853	25.9	3,129	13.9	2,794	12.4	2,722	12.1	837	3.7	22,582	1,343
Mayenne	58,337	58.4	18,034	18.0	7,155	7.2	4,558	4.6	7,973	8.0	3,886	3.9	99,943	6,312
Meurthe & Moselle	11,187	52.9	3,345	15.8	1,336	6.3	1,861	8.8	2,753	13.0	681	3.2	21,163	1,469
Meuse	11,566	51.3	4,414	19.6	1,237	5.5	1,577	7.0	2,922	13.0	823	3.7	22,539	1,741
Morbihan	19,520	24.7	29,490	37.4	18,021	22.8	4,941	6.3	4,545	5.8	2,401	3.0	78,918	5,010
Moselle	13,449	47.3	7,246	25.5	1,990	7.0	1,478	5.2	3,397	11.9	891	3.1	28,451	2,112
Nièvre	546	66.3	72	8.7	70	8.5	34	4.1	67	8.1	35	4.2	824	102
Nord	14,194	32.7	14,942	34.5	4,725	10.9	3,610	8.3	4,264	9.8	1,615	3.7	43,350	3,606
Oise	5,172	57.9	1,560	17.5	774	8.7	600	6.7	567	6.3	264	3.0	8,937	527
Orne	20,661	32.0	20,862	32.3	7,936	12.3	4,657	7.2	6,872	10.6	3,623	5.6	64,611	4,703
Pas de Calais	12,462	35.3	7,806	22.1	6,836	19.4	4,661	13.2	1,987	5.6	1,532	4.3	35,284	3,604
Puy de Dôme	14,425	41.6	12,912	37.3	2,670	7.7	1,712	4.9	1,783	5.1	1,150	3.3	34,652	2,238
Pyrénées Atlantiques	3,841	38.5	3,512	35.2	881	8.8	672	6.7	798	8.0	283	2.8	9,987	609
Hautes Pyrénées	740	32.0	509	22.0	445	19.2	189	8.2	365	15.8	66	2.9	2,314	133
Pyrénées Orientales			16	9.9	55	34.2	40	24.8	18	11.2	32	19.9	161	26
Bas Rhin	9,968	45.2	3,105	14.1	1,559	7.1	1,811	8.2	4,536	20.6	1,066	4.8	22,045	1,537
Haut Rhin	5,429	46.4	2,225	19.0	1,042	8.9	970	8.3	1,529	13.1	514	4.4	11,709	1,243
Rhône	10,636	56.3	4,103	21.7	2,452	13.0	771	4.1	486	2.6	456	2.4	18,904	1,012
Haute Saône	17,861	58.4	4,775	15.6	3,207	10.5	1,701	5.6	2,144	7.0	882	2.9	30,570	2,301
Saône & Loire	8,820	57.8	3,960	26.0	918	6.0	591	3.9	606	4.0	358	2.3	15,253	767
Sarthe	22,001	57.1	5,250	13.6	2,325	6.0	2,109	5.5	4,782	12.4	2,063	5.4	38,530	2,879
Savoie	16,384	71.2	2,899	12.6	1,580	6.9	929	4.0	713	3.1	505	2.2	23,010	1,062
Haute Savoie	26,760	74.2	4,926	13.7	1,528	4.2	1,064	3.0	1,034	2.9	745	2.1	36,057	1,608
Seine Maritime	25,638	60.2	6,491	15.2	4,178	9.8	2,199	5.2	2,842	6.7	1,245	2.9	42,593	2,479
Seine & Marne	533	20.5	705	27.1	354	13.6	352	13.5	582	22.4	75	2.9	2,601	131
Yvelines	290	23.3	259	20.8	379	30.5	163	13.1	76	6.1	77	6.2	1,244	180
Deux Sèvres	5,101	27.7	5,845	31.7	2,658	14.4	1,689	9.2	2,435	13.2	694	3.8	18,422	1,198
Somme	10,787	52.1	4,184	20.2	1,569	7.6	1,612	7.8	1,827	8.8	728	3.5	20,707	1,865
Tarn	5,000	61.2	1,151	14.1	675	8.3	458	5.6	647	7.9	235	2.9	8,166	492
Tarn & Garonne	2,168	71.8	392	13.0	212	7.0	91	3.0	80	2.6	77	2.5	3,020	155
Var	14	73.7	2	10.5	1	5.3			2	10.5			19	2
Vendée	24,369	53.4	7,060	15.5	3,909	8.6	3,239	7.1	5,701	12.5	1,360	3.0	45,638	2,985



3.1.b - Qualified lactations per method and local area

Département	Méthodes												LACTATIONS QUALIFIEES	LACTATIONS NON QUALIFIEES
	4		5		6		7		8		9			
	Nb	%	Nb	%	Nb	%	Nb	%	Nb	%	Nb	%	Nb	Nb
Vienne	1,937	37.0	1,220	23.3	1,001	19.1	594	11.3	265	5.1	222	4.2	5,239	251
Haute Vienne	1,539	39.1	1,308	33.2	352	8.9	229	5.8	386	9.8	124	3.1	3,938	300
Vosges	21,413	56.5	5,821	15.4	1,925	5.1	2,493	6.6	4,836	12.8	1,398	3.7	37,886	2,728
Yonne	5,278	71.0	562	7.6	235	3.2	406	5.5	803	10.8	147	2.0	7,431	423
Territoire de Belfort	2,114	61.2	761	22.0	156	4.5	194	5.6	148	4.3	82	2.4	3,455	258
Essonne			20	66.7	4	13.3	2	6.7	4	13.3			30	2
Val d'Oise			16	9.8	116	70.7	28	17.1	4	2.4			164	7
Réunion	6	0.3	829	37.8	888	40.4	279	12.7	110	5.0	84	3.8	2,196	237
Total	933,278	47.4	475,332	24.1	215,220	10.9	122,299	6.2	154,638	7.9	67,799	3.4	1,968,566	139,030



3.2 - Complete lactations per local area - all breeds - all lactations

Local area ¹	Number of lactations	Lactation duration days	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg	Drying off duration days	Calving interval days
Ain	30,947	336	8,707	349	40.1	289	33.2	638	73.3	67	407
Aisne	15,876	349	9,487	383	40.3	307	32.3	689	72.6	60	408
Allier	3,790	358	9,160	369	40.3	298	32.6	668	72.9	63	424
Alpes Hte Provence	577	302	6,099	239	39.2	203	33.2	441	72.4	84	398
Hautes Alpes	2,282	330	6,075	237	39.0	196	32.3	433	71.3	78	413
Alpes Maritimes	129	319	5,275	201	38.1	172	32.6	373	70.7	91	419
Ardèche	5,204	334	7,386	296	40.0	242	32.7	537	72.7	71	417
Ardennes	11,329	347	9,270	368	39.7	298	32.1	666	71.8	67	409
Ariège	2,452	359	8,718	350	40.1	286	32.8	635	72.9	70	437
Aube	6,159	366	9,655	387	40.1	312	32.3	699	72.4	63	426
Aude	310	370	8,176	329	40.3	268	32.8	598	73.1	87	465
Aveyron	31,424	344	8,454	343	40.6	275	32.6	619	73.2	65	412
Calvados	44,552	348	8,679	354	40.7	285	32.9	639	73.6	65	415
Cantal	43,814	328	7,295	290	39.8	237	32.5	527	72.2	70	405
Charente	4,549	359	8,567	358	41.8	283	33.1	641	74.8	65	422
Charente Maritime	6,057	353	9,337	378	40.5	303	32.5	682	73.0	65	420
Cher	3,092	352	8,860	368	41.5	289	32.6	657	74.2	66	420
Corrèze	4,315	347	7,877	314	39.9	253	32.1	567	72.0	72	423
Côte d'Or	11,514	344	8,279	334	40.4	276	33.3	610	73.7	66	412
Côtes d'Armor	87,807	347	9,473	386	40.7	306	32.3	691	73.0	60	410
Creuse	3,125	357	8,252	331	40.1	266	32.2	597	72.3	68	423
Dordogne	8,305	353	8,994	367	40.8	292	32.5	659	73.2	66	427
Doubs	82,539	312	7,420	284	38.3	246	33.2	530	71.5	70	395
Drôme	2,627	343	8,383	332	39.6	274	32.7	606	72.3	64	413
Eure	12,974	355	9,090	373	41.0	300	33.0	673	74.0	62	414
Eure & Loir	4,196	361	9,359	392	41.9	312	33.4	704	75.2	66	421
Finistère	73,657	348	9,079	370	40.8	291	32.1	662	72.9	60	408
Haute Garonne	5,672	359	9,193	370	40.3	299	32.6	670	72.9	69	437
Gers	884	359	9,199	366	39.8	295	32.0	661	71.8	79	430
Gironde	2,594	341	8,914	351	39.3	288	32.3	638	71.6	67	424
Hérault	83	409	8,715	334	38.3	281	32.3	615	70.6	72	481
Ille & Vilaine	148,710	347	9,225	379	41.1	301	32.7	681	73.8	62	411
Indre	3,508	369	10,039	411	40.9	331	33.0	742	73.9	65	428
Indre & Loire	10,420	352	10,075	415	41.2	330	32.8	746	74.0	63	410
Isère	17,331	340	8,541	341	39.9	281	32.9	622	72.8	67	415
Jura	45,499	318	7,354	277	37.7	242	32.9	519	70.6	70	398
Landes	3,179	357	9,899	403	40.7	317	32.0	720	72.7	70	431
Loir & Cher	7,270	354	9,653	397	41.1	317	32.8	714	73.9	62	408
Loire	33,710	340	8,584	348	40.5	281	32.7	628	73.2	66	410
Haute Loire	36,537	327	7,747	316	40.7	257	33.2	572	73.9	68	409
Loire Atlantique	76,859	355	9,409	390	41.5	308	32.8	699	74.2	62	410
Loiret	4,528	357	9,674	394	40.7	313	32.3	707	73.1	63	422
Lot	7,490	360	8,961	362	40.4	290	32.4	652	72.8	66	423
Lot & Garonne	5,204	344	8,836	361	40.9	284	32.1	645	73.0	69	424
Lozère	7,225	317	6,646	261	39.3	217	32.7	478	71.9	73	403
Maine & Loire	55,005	356	9,661	409	42.3	321	33.3	730	75.6	62	410
Manche	117,143	347	8,724	358	41.0	289	33.2	647	74.2	63	410

¹Only the local areas which count up more than 40 results are listed here.



Complete lactations per local area - all breeds - all lactations (cont.)

Local area ¹	Number of lactations	Lactation duration days	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg	Drying off duration days	Calving interval days
Marne	3,570	340	9,702	377	38.9	312	32.1	689	71.0	69	415
Haute Marne	22,582	344	9,200	367	39.9	303	33.0	670	72.9	69	412
Mayenne	99,943	360	9,272	389	41.9	309	33.3	698	75.3	60	414
Meurthe & Moselle	21,163	340	9,061	361	39.9	286	31.6	647	71.5	65	408
Meuse	22,539	340	9,694	382	39.4	310	32.0	692	71.4	67	411
Morbihan	78,918	348	9,645	396	41.0	314	32.6	710	73.6	59	411
Moselle	28,451	340	9,186	371	40.4	296	32.3	668	72.7	66	409
Nièvre	824	335	9,268	358	38.6	292	31.5	650	70.2	94	446
Nord	43,350	349	9,640	390	40.5	309	32.0	699	72.5	60	405
Oise	8,937	354	9,232	375	40.6	298	32.3	673	72.9	62	409
Orne	64,611	355	8,794	368	41.9	294	33.4	662	75.3	62	414
Pas de Calais	35,284	357	9,842	392	39.9	314	31.9	706	71.8	61	410
Puy de Dôme	34,652	338	7,605	300	39.5	247	32.5	547	72.0	72	414
Pyrénées Atlantiques	9,987	350	9,786	391	40.0	317	32.4	708	72.3	67	427
Hautes Pyrénées	2,314	358	9,618	384	39.9	313	32.6	697	72.5	66	427
Pyrénées Orientales	161	323	6,741	266	39.4	216	32.1	482	71.5	95	432
Bas Rhin	22,045	342	10,053	407	40.5	328	32.6	735	73.1	61	408
Haut Rhin	11,709	342	8,600	348	40.4	281	32.6	628	73.1	65	410
Rhône	18,904	336	8,196	331	40.4	268	32.7	600	73.2	66	410
Haute Saône	30,570	330	8,324	328	39.4	277	33.3	605	72.7	70	407
Saône & Loire	15,253	339	8,607	346	40.2	288	33.4	634	73.6	66	405
Sarthe	38,530	359	9,441	389	41.2	314	33.2	703	74.5	63	416
Savoie	23,010	304	5,661	210	37.2	186	32.8	396	70.0	91	405
Haute Savoie	36,057	317	7,313	273	37.3	243	33.2	516	70.6	78	405
Seine Maritime	42,593	353	8,905	364	40.9	293	32.9	657	73.8	61	411
Seine & Marne	2,601	358	10,309	409	39.7	329	31.9	738	71.6	62	409
Yvelines	1,244	312	9,374	382	40.8	302	32.2	684	73.0	68	394
Deux Sèvres	18,422	357	10,240	421	41.1	340	33.2	761	74.3	63	413
Somme	20,707	350	9,904	398	40.2	320	32.3	718	72.5	63	410
Tarn	8,166	355	8,780	354	40.3	283	32.2	637	72.5	69	426
Tarn & Garonne	3,020	370	8,438	346	41.0	271	32.1	618	73.2	67	440
Vendée	45,638	358	9,960	416	41.8	326	32.7	742	74.5	64	414
Vienne	5,239	363	9,798	407	41.5	324	33.1	731	74.6	59	424
Haute Vienne	3,938	358	8,732	353	40.5	285	32.6	638	73.1	69	422
Vosges	37,886	340	8,544	341	39.9	275	32.2	616	72.1	68	411
Yonne	7,431	372	9,814	398	40.6	316	32.2	714	72.7	65	432
Territoire de Belfort	3,455	336	8,811	357	40.6	294	33.4	651	73.9	65	409
Val d'Oise	164	350	9,390	359	38.2	301	32.1	660	70.3	64	397
Réunion	2,196	364	8,453	325	38.4	276	32.6	600	71.0	79	451

¹Only the local areas which count up more than 40 results are listed here.



3.3 - Complete lactations - all lactations per local area and breed

Local area	Breed ¹	Number of Lactations	Lactation duration days	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg	Drying off duration days	Calving interval days
Ain	ABONDANCE	50	311	5,446	198	36.4	182	33.4	380	69.9	68	406
	JERSIAISE	81	325	4,484	244	54.4	172	38.4	416	92.9	73	399
	BRUNE	151	350	9,072	378	41.7	314	34.6	692	76.2	68	437
	SIMMENTAL	655	321	6,555	260	39.6	221	33.6	480	73.3	71	390
	CROSSBRED	1,977	337	8,761	355	40.5	289	33.0	644	73.5	67	408
	MONTBELIARDE	21,386	333	8,299	331	39.9	279	33.6	610	73.5	66	402
	PRIM'HOLSTEIN	6,595	348	10,325	416	40.3	333	32.3	749	72.6	66	424
Aisne	JERSIAISE	55	355	7,633	415	54.4	291	38.1	706	92.5	45	448
	SIMMENTAL	74	355	6,112	249	40.8	206	33.7	456	74.6	67	421
	CROSSBRED	1,431	334	8,216	338	41.1	267	32.5	605	73.7	60	400
	MONTBELIARDE	512	338	7,799	319	40.9	260	33.3	579	74.3	63	394
	NORMANDE	379	331	5,743	237	41.2	193	33.6	429	74.8	66	409
	PRIM'HOLSTEIN	13,374	352	9,828	395	40.2	317	32.2	711	72.4	60	409
Allier	BRUNE	58	444	7,139	297	41.6	241	33.7	538	75.4	50	476
	CROSSBRED	186	351	7,735	312	40.3	251	32.5	563	72.8	60	434
	MONTBELIARDE	448	310	6,473	262	40.5	220	34.0	482	74.5	72	394
	NORMANDE	216	340	6,884	292	42.5	234	34.0	526	76.4	77	419
	PRIM'HOLSTEIN	2,876	365	9,891	397	40.2	320	32.3	717	72.5	61	427
Alpes Hte Provence	ABONDANCE	49	237	4,825	181	37.6	159	33.0	341	70.6	118	384
	JERSIAISE	44	308	5,129	253	49.4	193	37.7	447	87.1	72	404
	CROSSBRED	42	267	5,309	203	38.2	173	32.5	376	70.8	109	397
	MONTBELIARDE	384	313	6,587	254	38.5	217	33.0	471	71.5	78	399
Hautes Alpes	ABONDANCE	325	327	4,974	184	37.0	163	32.9	348	69.9	82	402
	TARENTEISE	261	299	4,363	167	38.3	142	32.6	309	70.9	101	421
	CROSSBRED	180	315	5,711	222	38.8	182	32.0	404	70.7	81	410
	MONTBELIARDE	1,078	333	6,282	246	39.1	204	32.5	450	71.6	74	406
	PRIM'HOLSTEIN	374	350	7,937	315	39.7	248	31.3	564	71.0	66	435
Alpes Maritimes	ABONDANCE	97	318	4,901	188	38.3	161	32.9	349	71.2	87	417
Ardèche	ABONDANCE	425	310	5,799	222	38.2	192	33.1	413	71.3	89	418
	BRUNE	53	358	7,264	330	45.4	256	35.2	586	80.6	78	443
	CROSSBRED	384	331	6,642	270	40.6	218	32.8	487	73.4	75	414
	MONTBELIARDE	3,521	331	7,170	287	40.0	236	32.8	523	72.9	70	410
	PRIM'HOLSTEIN	785	362	9,684	389	40.2	309	31.9	698	72.1	66	449
Ardennes	JERSIAISE	84	323	4,898	263	53.8	189	38.7	453	92.5	78	419
	CROSSBRED	1,327	332	7,736	309	40.0	250	32.3	559	72.3	71	400
	MONTBELIARDE	395	312	7,057	283	40.1	231	32.7	514	72.8	100	406
	NORMANDE	54	306	5,832	240	41.2	193	33.1	433	74.3	69	382
	PRIM'HOLSTEIN	9,435	351	9,648	382	39.6	309	32.1	691	71.6	65	411

¹Only the breeds with more than 40 results are listed here.



Complete lactations - all lactations per local area and breed (cont.)

Local area	Breed ¹	Number of Lactations	Lactation duration days	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg	Drying off duration days	Calving interval days
Ariège	JERSIAISE	48	374	6,604	331	50.1	243	36.8	574	86.8	83	444
	BRUNE	446	365	8,084	341	42.1	284	35.1	624	77.2	72	443
	CROSSBRED	135	353	7,384	291	39.4	238	32.2	529	71.6	68	439
	MONTBELIARDE	243	331	6,358	249	39.2	208	32.6	457	71.8	85	403
	PRIM'HOLSTEIN	1,548	364	9,548	377	39.5	307	32.2	685	71.7	66	441
Aube	JERSIAISE	59	337	6,038	308	50.9	232	38.4	539	89.3	76	418
	BRUNE	295	379	9,314	381	40.9	324	34.8	705	75.7	65	435
	SIMMENTAL	51	424	6,479	280	43.1	224	34.6	504	77.7	55	452
	CROSSBRED	367	354	8,761	347	39.6	287	32.8	634	72.4	70	424
	MONTBELIARDE	297	336	8,308	322	38.8	276	33.2	598	72.0	61	408
	PRIM'HOLSTEIN	5,078	368	9,898	396	40.0	317	32.0	713	72.0	63	426
Aude	BRUNE	54	352	7,211	300	41.7	250	34.6	550	76.3	66	436
	CROSSBRED	41	389	8,261	345	41.8	284	34.4	629	76.1	64	471
	PRIM'HOLSTEIN	181	385	8,976	359	40.0	288	32.1	647	72.1	80	480
Aveyron	ABONDANCE	81	318	5,183	196	37.8	174	33.6	370	71.4	78	377
	AUBRAC	111	203	2,423	96	39.4	83	34.1	178	73.5	157	392
	JERSIAISE	90	359	5,070	258	50.9	185	36.4	442	87.3	98	453
	PIE ROUGE	77	369	8,814	382	43.4	300	34.1	683	77.4	59	440
	BRUNE	2,209	349	7,772	333	42.9	270	34.7	603	77.6	62	413
	SIMMENTAL	3,023	321	6,111	241	39.5	206	33.8	448	73.3	71	395
	CROSSBRED	1,133	325	7,253	295	40.6	236	32.5	530	73.1	65	400
	MONTBELIARDE	3,605	328	7,086	282	39.8	234	33.1	517	72.9	65	399
	NORMANDE	58	312	5,013	209	41.6	171	34.1	380	75.7	72	379
	PRIM'HOLSTEIN	21,003	351	9,240	375	40.6	297	32.2	672	72.8	63	417
Calvados	JERSIAISE	468	344	5,875	350	59.6	236	40.2	586	99.8	63	419
	BRUNE	81	372	7,887	330	41.9	271	34.4	602	76.3	68	440
	CROSSBRED	4,176	335	7,379	301	40.7	241	32.7	542	73.4	65	407
	MONTBELIARDE	597	336	7,648	305	39.8	256	33.5	561	73.3	59	399
	NORMANDE	9,735	340	6,737	282	41.9	234	34.7	516	76.6	69	414
	PRIM'HOLSTEIN	29,446	352	9,574	386	40.3	310	32.4	696	72.7	64	416
Cantal	ABONDANCE	549	317	5,255	199	37.9	175	33.3	374	71.2	79	394
	JERSIAISE	274	313	4,647	245	52.6	175	37.6	419	90.2	63	389
	PIE ROUGE	149	340	6,921	288	41.7	225	32.6	514	74.2	72	396
	BRUNE	1,060	348	6,779	287	42.3	233	34.3	519	76.6	70	421
	SALERS	637	241	2,348	78	33.2	77	32.8	155	66.0	134	374
	SIMMENTAL	1,011	326	5,419	215	39.7	184	34.0	400	73.7	74	411
	CROSSBRED	3,281	319	6,583	261	39.6	212	32.2	473	71.8	73	396
	MONTBELIARDE	16,624	318	6,765	264	39.1	224	33.1	488	72.1	69	398
	NORMANDE	191	316	5,965	246	41.2	203	34.0	448	75.2	63	389
	PRIM'HOLSTEIN	19,990	341	8,251	331	40.1	264	31.9	595	72.1	68	415

¹Only the breeds with more than 40 results are listed here.



Complete lactations - all lactations per local area and breed (cont.)

Local area	Breed ¹	Number of Lactations	Lactation duration days	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg	Drying off duration days	Calving interval days
Charente	JERSIAISE	287	361	6,143	340	55.4	234	38.2	575	93.5	62	410
	CROSSBRED	323	348	7,413	322	43.5	247	33.4	570	76.9	69	407
	MONTBELIARDE	401	335	7,462	300	40.2	249	33.3	549	73.5	67	423
	NORMANDE	489	341	6,179	267	43.1	218	35.3	485	78.4	79	425
	PRIM·HOLSTEIN	3,012	366	9,483	387	40.8	308	32.5	695	73.3	61	425
Charente Maritime	JERSIAISE	50	366	4,883	267	54.6	190	38.8	456	93.5	83	444
	PIE ROUGE	81	367	8,927	377	42.2	305	34.2	681	76.3	70	433
	BRUNE	46	382	5,596	226	40.4	185	33.1	411	73.5	153	451
	CROSSBRED	318	345	7,855	318	40.4	254	32.3	572	72.8	71	442
	MONTBELIARDE	341	341	7,652	311	40.7	256	33.4	567	74.1	61	409
	NORMANDE	260	334	6,763	287	42.5	237	35.0	524	77.5	68	399
	PRIM·HOLSTEIN	4,960	355	9,769	394	40.3	316	32.3	710	72.6	63	420
Cher	JERSIAISE	87	343	5,267	306	58.2	216	41.1	523	99.2	74	420
	CROSSBRED	470	344	8,184	346	42.3	272	33.2	618	75.5	66	412
	MONTBELIARDE	77	282	5,959	245	41.2	190	31.9	436	73.1	91	408
	PRIM·HOLSTEIN	2,403	357	9,271	380	41.0	300	32.3	680	73.4	65	423
Corrèze	BRUNE	58	353	7,581	311	41.0	262	34.6	573	75.6	119	431
	CROSSBRED	246	335	7,016	281	40.1	228	32.5	509	72.5	69	403
	MONTBELIARDE	599	321	6,370	247	38.8	207	32.5	454	71.3	73	398
	PRIM·HOLSTEIN	3,325	354	8,288	332	40.0	265	32.0	597	72.0	71	430
Côte d'Or	ABONDANCE	65	367	5,616	208	37.0	188	33.4	395	70.4	85	428
	BRUNE	2,674	360	8,712	366	42.1	303	34.7	669	76.8	63	423
	SIMMENTAL	1,437	326	7,503	304	40.6	253	33.7	557	74.3	66	395
	CROSSBRED	482	336	7,622	304	39.9	248	32.6	552	72.4	68	411
	MONTBELIARDE	3,812	334	7,828	310	39.6	261	33.3	570	72.9	70	404
	PRIM·HOLSTEIN	3,024	353	9,015	359	39.8	289	32.0	648	71.8	64	420
Côtes d'Armor	JERSIAISE	115	326	5,108	301	58.9	205	40.0	505	98.9	59	395
	PIE ROUGE	1,236	342	8,069	347	43.1	270	33.5	618	76.6	57	404
	BRUNE	286	338	7,759	348	44.9	266	34.3	614	79.2	68	430
	SIMMENTAL	79	360	6,775	279	41.1	224	33.0	502	74.1	62	413
	CROSSBRED	2,692	343	8,305	343	41.3	269	32.4	612	73.7	60	412
	MONTBELIARDE	2,185	326	7,879	319	40.5	258	32.8	577	73.3	59	395
	NORMANDE	5,968	336	7,081	300	42.3	244	34.5	544	76.8	58	404
	PRIM·HOLSTEIN	75,210	349	9,794	397	40.6	314	32.1	711	72.6	60	411
Creuse	CROSSBRED	223	353	7,066	277	39.2	226	32.0	503	71.2	72	428
	MONTBELIARDE	259	353	6,949	279	40.1	231	33.3	510	73.4	64	407
	NORMANDE	119	368	5,641	239	42.3	192	34.1	431	76.4	84	440
	PRIM·HOLSTEIN	2,520	358	8,619	346	40.1	276	32.1	622	72.2	67	423

¹Only the breeds with more than 40 results are listed here.



Complete lactations - all lactations per local area and breed (cont.)

Local area	Breed ¹	Number of Lactations	Lactation duration days	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg	Drying off duration days	Calving interval days
Dordogne	BRUNE	75	362	6,946	295	42.4	237	34.1	532	76.6	71	430
	CROSSBRED	489	328	7,522	309	41.1	244	32.5	553	73.5	65	420
	MONTBELIARDE	789	339	7,503	305	40.6	250	33.4	555	74.0	65	405
	NORMANDE	145	368	6,120	251	41.0	207	33.8	458	74.8	77	431
	PRIM•HOLSTEIN	6,775	355	9,368	381	40.7	303	32.3	684	73.0	66	430
Doubs	BRUNE	54	359	8,526	364	42.7	299	35.1	663	77.8	95	400
	SIMMENTAL	190	290	6,640	262	39.4	219	33.0	481	72.4	84	397
	CROSSBRED	1,052	318	7,950	317	39.9	257	32.3	574	72.2	70	397
	MONTBELIARDE	79,625	311	7,369	282	38.3	245	33.2	527	71.5	70	394
	PRIM•HOLSTEIN	1,580	343	9,775	386	39.5	315	32.2	701	71.7	72	425
Drôme	TARENTEISE	42	293	4,748	175	37.0	156	32.8	331	69.7	66	411
	CROSSBRED	104	334	7,230	279	38.5	233	32.3	512	70.8	65	410
	MONTBELIARDE	1,510	341	7,434	292	39.3	243	32.7	535	72.0	63	409
	PRIM•HOLSTEIN	912	350	10,486	419	40.0	344	32.8	763	72.8	63	424
Eure	JERSIAISE	43	324	5,257	302	57.5	202	38.4	504	95.9	80	414
	CROSSBRED	1,261	351	8,157	334	41.0	271	33.3	606	74.2	62	412
	MONTBELIARDE	212	347	7,960	325	40.8	269	33.8	593	74.6	63	415
	NORMANDE	2,440	348	7,038	296	42.0	244	34.7	540	76.8	66	408
	PRIM•HOLSTEIN	8,984	358	9,824	401	40.8	320	32.6	721	73.4	61	416
Eure & Loir	JERSIAISE	147	334	6,476	350	54.0	247	38.2	597	92.2	65	381
	BRUNE	77	364	8,039	351	43.6	289	36.0	640	79.6	73	419
	CROSSBRED	95	334	7,705	313	40.6	255	33.2	568	73.8	77	407
	MONTBELIARDE	46	356	7,919	328	41.5	272	34.3	600	75.8	76	409
	NORMANDE	1,013	353	7,395	316	42.7	260	35.1	576	77.8	69	416
	PRIM•HOLSTEIN	2,810	366	10,349	427	41.3	338	32.7	765	74.0	64	426
Finistère	JERSIAISE	446	334	4,818	279	57.9	189	39.2	468	97.2	66	398
	PIE ROUGE	1,433	346	8,432	365	43.3	283	33.6	648	76.9	57	401
	BRUNE	305	342	7,353	321	43.6	248	33.7	569	77.4	64	428
	CROSSBRED	3,346	338	7,522	313	41.7	245	32.5	558	74.2	60	403
	MONTBELIARDE	700	312	7,349	302	41.1	242	32.9	544	74.0	64	392
	NORMANDE	1,984	341	6,674	282	42.2	229	34.2	510	76.5	62	404
	PRIM•HOLSTEIN	65,390	349	9,305	378	40.6	297	32.0	675	72.6	60	409
Haute Garonne	ABONDANCE	122	278	3,429	126	36.6	112	32.7	238	69.4	124	420
	JERSIAISE	52	352	5,662	302	53.3	222	39.2	524	92.5	84	461
	BRUNE	119	369	9,457	417	44.1	328	34.7	745	78.8	66	427
	CROSSBRED	258	332	7,607	310	40.8	250	32.8	560	73.6	80	426
	MONTBELIARDE	808	342	7,665	308	40.1	259	33.8	567	73.9	66	416
	PRIM•HOLSTEIN	4,295	366	9,785	393	40.1	316	32.3	709	72.4	67	442

¹Only the breeds with more than 40 results are listed here.



Complete lactations - all lactations per local area and breed (cont.)

Local area	Breed ¹	Number of Lactations	Lactation duration days	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg	Drying off duration days	Calving interval days
Gers	CROSSBRED	110	321	6,820	271	39.7	223	32.7	494	72.4	85	385
	NORMANDE	43	331	5,431	214	39.4	186	34.3	400	73.7	87	405
	PRIM'HOLSTEIN	686	367	9,951	395	39.7	316	31.8	711	71.5	76	435
Gironde	CROSSBRED	185	300	6,300	250	39.7	206	32.7	457	72.5	62	392
	MONTBELIARDE	83	323	6,591	265	40.3	219	33.2	484	73.4	78	411
	PRIM'HOLSTEIN	2,261	347	9,314	366	39.3	300	32.2	666	71.5	65	427
Hérault	PRIM'HOLSTEIN	56	414	8,976	342	38.1	285	31.7	627	69.9	81	515
Ille & Vilaine	JERSIAISE	684	337	4,932	272	55.2	190	38.6	463	93.8	81	416
	PIE ROUGE	955	341	8,147	359	44.1	278	34.2	638	78.3	62	403
	BRUNE	312	354	8,046	355	44.1	280	34.9	636	79.0	67	418
	BRETONNE PIE NOIRE	72	286	2,844	123	43.2	96	33.9	219	77.1	99	367
	SIMMENTAL	135	330	5,965	254	42.6	196	32.8	450	75.5	76	397
	CROSSBRED	7,089	339	7,743	322	41.6	254	32.8	576	74.4	64	410
	MONTBELIARDE	5,091	331	7,858	319	40.6	262	33.3	581	73.9	62	397
	NORMANDE	11,944	337	7,077	301	42.5	245	34.6	546	77.1	61	406
	PRIM'HOLSTEIN	122,388	349	9,622	394	40.9	312	32.5	706	73.4	61	413
Indre	CROSSBRED	187	369	9,525	394	41.4	319	33.5	713	74.9	64	429
	MONTBELIARDE	65	334	7,944	318	40.1	270	34.0	588	74.1	69	398
	PRIM'HOLSTEIN	3,169	371	10,244	418	40.8	337	32.9	755	73.7	64	428
Indre & Loire	CROSSBRED	519	340	8,052	339	42.1	264	32.8	603	74.9	69	413
	MONTBELIARDE	475	348	8,399	346	41.2	279	33.3	626	74.5	66	405
	NORMANDE	205	353	7,596	329	43.3	267	35.1	596	78.4	62	405
	PRIM'HOLSTEIN	9,153	353	10,357	426	41.1	339	32.7	765	73.8	63	410
Isère	ABONDANCE	412	303	5,730	211	36.8	187	32.6	398	69.4	80	407
	JERSIAISE	63	326	4,923	260	52.8	184	37.3	444	90.1	79	450
	BRUNE	80	336	6,842	286	41.7	234	34.2	519	75.9	60	449
	TARENTEAISE	54	246	4,068	157	38.7	135	33.1	292	71.8	112	396
	SIMMENTAL	344	324	7,375	310	42.0	245	33.2	555	75.2	61	382
	CROSSBRED	1,065	343	8,265	331	40.1	272	33.0	604	73.0	71	416
	MONTBELIARDE	10,659	336	8,211	328	39.9	273	33.2	600	73.1	66	410
	VILLARD DE LANS	42	250	3,199	126	39.5	104	32.6	231	72.1	134	377
	PRIM'HOLSTEIN	4,595	355	9,900	396	40.0	319	32.2	714	72.2	65	431
Jura	SIMMENTAL	998	317	6,450	260	40.3	217	33.7	477	73.9	74	409
	CROSSBRED	614	309	7,016	274	39.1	232	33.1	507	72.2	72	401
	MONTBELIARDE	43,205	318	7,344	276	37.6	242	32.9	518	70.5	70	398
	PRIM'HOLSTEIN	628	343	9,973	392	39.3	319	32.0	711	71.3	66	412
Landes	CROSSBRED	122	334	7,623	314	41.1	245	32.1	558	73.3	73	424
	PRIM'HOLSTEIN	2,993	357	10,028	408	40.7	321	32.0	728	72.6	70	430

¹Only the breeds with more than 40 results are listed here.



Complete lactations - all lactations per local area and breed (cont.)

Local area	Breed ¹	Number of Lactations	Lactation duration days	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg	Drying off duration days	Calving interval days
Loir & Cher	CROSSBRED	121	331	8,412	359	42.7	281	33.4	640	76.1	62	385
	MONTBELIARDE	119	343	9,388	387	41.3	319	33.9	706	75.2	60	377
	NORMANDE	957	341	7,154	305	42.6	246	34.4	551	77.0	66	400
	PRIM'HOLSTEIN	6,008	357	10,106	413	40.9	329	32.6	743	73.5	62	411
Loire	ABONDANCE	155	299	5,565	212	38.0	187	33.6	399	71.7	85	398
	JERSIAISE	97	342	4,970	275	55.4	193	38.7	468	94.2	58	402
	BRUNE	236	357	7,599	331	43.6	265	34.8	596	78.4	74	419
	SIMMENTAL	285	324	7,763	319	41.2	263	33.9	582	75.0	85	415
	CROSSBRED	1,712	330	7,681	314	40.8	251	32.6	564	73.5	68	406
	MONTBELIARDE	15,191	329	7,837	316	40.3	262	33.4	578	73.8	66	399
	NORMANDE	78	325	6,476	263	40.6	221	34.1	484	74.7	78	399
	PRIM'HOLSTEIN	15,924	352	9,492	385	40.5	304	32.1	689	72.6	65	422
Haute Loire	ABONDANCE	767	314	5,579	213	38.1	188	33.7	401	71.8	86	411
	BRUNE	213	362	7,090	304	42.9	245	34.6	549	77.5	71	433
	TARENTEAISE	129	339	5,829	239	41.0	203	34.8	442	75.8	77	413
	SIMMENTAL	41	288	6,024	249	41.4	201	33.4	451	74.8	66	394
	CROSSBRED	2,242	325	7,351	304	41.4	243	33.0	547	74.4	70	409
	MONTBELIARDE	24,397	322	7,467	303	40.5	250	33.5	553	74.0	68	404
	NORMANDE	8,688	342	8,907	366	41.1	288	32.4	655	73.5	65	423
	PRIM'HOLSTEIN	8,688	342	8,907	366	41.1	288	32.4	655	73.5	65	423
Loire Atlantique	JERSIAISE	383	343	4,843	269	55.5	186	38.4	455	93.9	76	410
	PIE ROUGE	301	335	9,012	407	45.1	317	35.2	724	80.3	73	389
	BRUNE	221	366	7,346	319	43.4	249	33.9	568	77.3	68	432
	BRETONNE PIE NOIRE	73	284	2,719	123	45.1	90	32.9	212	78.1	80	372
	SIMMENTAL	310	329	6,105	253	41.5	208	34.0	461	75.5	69	390
	CROSSBRED	2,758	346	7,531	317	42.0	248	32.9	564	74.9	62	402
	MONTBELIARDE	2,871	334	8,113	330	40.6	270	33.3	600	73.9	65	397
	NORMANDE	5,768	338	7,056	297	42.2	243	34.5	541	76.6	66	403
	PRIM'HOLSTEIN	64,154	358	9,820	406	41.4	320	32.6	727	74.0	61	412
Loiret	CROSSBRED	352	338	8,586	345	40.1	277	32.3	622	72.4	68	408
	MONTBELIARDE	208	336	8,129	329	40.5	268	33.0	598	73.5	63	408
	NORMANDE	76	313	6,388	270	42.3	220	34.4	490	76.7	58	398
	PRIM'HOLSTEIN	3,856	361	9,951	405	40.7	321	32.2	726	73.0	63	425
Lot	BRUNE	76	351	7,192	314	43.7	246	34.2	561	78.0	73	420
	CROSSBRED	561	350	7,658	312	40.8	251	32.8	563	73.6	71	415
	MONTBELIARDE	811	350	8,004	320	39.9	267	33.3	586	73.3	64	409
	PRIM'HOLSTEIN	6,008	362	9,258	374	40.4	298	32.2	672	72.6	66	426
Lot & Garonne	JERSIAISE	57	363	6,304	333	52.8	239	38.0	572	90.7	53	399
	CROSSBRED	603	322	7,693	322	41.8	249	32.4	571	74.3	64	399
	MONTBELIARDE	110	326	7,148	292	40.8	239	33.4	531	74.3	77	423
	NORMANDE	167	324	5,803	245	42.2	201	34.6	446	76.8	73	429
	PRIM'HOLSTEIN	4,216	348	9,231	375	40.6	295	31.9	670	72.6	70	428

¹Only the breeds with more than 40 results are listed here.



Complete lactations - all lactations per local area and breed (cont.)

Local area	Breed ¹	Number of Lactations	Lactation duration days	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg	Drying off duration days	Calving interval days
Lozère	ABONDANCE	272	288	4,890	187	38.3	161	33.0	348	71.3	84	384
	BRUNE	723	338	6,864	284	41.4	231	33.6	515	75.0	67	422
	SIMMENTAL	616	325	5,801	230	39.7	200	34.4	430	74.1	70	384
	CROSSBRED	125	300	6,028	231	38.3	191	31.7	422	70.0	81	407
	MONTBELIARDE	4,418	309	6,548	254	38.7	214	32.7	468	71.4	75	398
	PRIM'HOLSTEIN	1,014	348	8,128	324	39.9	255	31.4	579	71.3	68	427
Maine & Loire	JERSIAISE	2,336	337	5,462	309	56.5	215	39.4	524	95.9	65	410
	BRUNE	543	356	8,814	394	44.8	313	35.5	708	80.3	61	420
	SIMMENTAL	186	354	7,195	306	42.5	241	33.5	547	76.0	61	403
	CROSSBRED	1,950	357	8,682	373	42.9	292	33.6	664	76.5	64	415
	MONTBELIARDE	3,322	339	8,131	333	40.9	274	33.7	606	74.6	61	395
	NORMANDE	2,747	350	7,272	318	43.7	255	35.1	573	78.8	63	405
	PRIM'HOLSTEIN	43,901	359	10,215	428	41.9	336	32.9	764	74.8	61	411
Manche	JERSIAISE	1,269	328	4,725	273	57.7	185	39.1	457	96.8	65	403
	PIE ROUGE	294	345	8,319	358	43.0	278	33.4	636	76.5	59	405
	BRUNE	345	357	8,111	351	43.3	282	34.8	634	78.1	77	436
	SIMMENTAL	64	312	6,479	281	43.3	222	34.3	503	77.6	59	390
	CROSSBRED	9,207	342	7,912	325	41.1	262	33.1	587	74.2	64	408
	MONTBELIARDE	1,212	338	8,204	332	40.5	275	33.5	607	74.0	61	401
	NORMANDE	34,765	342	7,077	300	42.4	247	34.8	547	77.2	64	407
PRIM'HOLSTEIN	69,979	350	9,738	393	40.3	317	32.5	709	72.8	62	412	
Marne	CROSSBRED	170	314	8,282	322	38.9	268	32.3	590	71.2	67	395
	MONTBELIARDE	41	300	7,236	284	39.2	241	33.3	525	72.5	65	386
	PRIM'HOLSTEIN	3,280	342	9,881	383	38.8	317	32.0	700	70.8	69	416
Haute Marne	JERSIAISE	238	326	5,369	290	54.0	206	38.4	496	92.5	69	393
	BRUNE	644	359	8,198	348	42.4	284	34.7	632	77.1	77	434
	SIMMENTAL	2,043	317	7,545	305	40.5	257	34.1	562	74.5	77	396
	CROSSBRED	1,171	337	8,233	336	40.8	274	33.3	610	74.1	68	404
	MONTBELIARDE	5,759	335	8,351	334	40.0	283	33.9	617	73.9	68	404
	NORMANDE	44	349	7,181	306	42.6	251	35.0	557	77.6	74	404
	PRIM'HOLSTEIN	12,661	354	10,082	398	39.4	326	32.3	724	71.8	67	419
Mayenne	JERSIAISE	915	350	5,841	338	57.9	228	39.0	566	96.8	63	409
	BRUNE	343	352	8,389	360	42.9	291	34.7	651	77.6	65	429
	SIMMENTAL	283	329	7,480	323	43.2	249	33.3	572	76.5	58	399
	CROSSBRED	4,812	349	8,270	348	42.1	277	33.4	625	75.6	62	411
	MONTBELIARDE	4,978	347	8,258	337	40.8	279	33.8	616	74.6	61	404
	NORMANDE	19,221	340	7,297	312	42.7	255	35.0	567	77.7	61	404
	PRIM'HOLSTEIN	69,303	367	10,024	418	41.7	330	32.9	748	74.6	59	418

¹Only the breeds with more than 40 results are listed here.



Complete lactations - all lactations per local area and breed (cont.)

Local area	Breed ¹	Number of Lactations	Lactation duration days	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg	Drying off duration days	Calving interval days
Meurthe & Moselle	JERSIAISE	109	329	5,294	269	50.8	196	37.1	465	87.8	72	438
	BRUNE	169	344	8,351	353	42.3	288	34.5	641	76.7	62	422
	SIMMENTAL	57	332	6,891	280	40.6	226	32.7	506	73.4	74	398
	CROSSBRED	1,721	327	7,805	314	40.2	250	32.0	564	72.2	66	393
	MONTBELIARDE	1,035	323	7,158	291	40.6	233	32.5	524	73.2	66	395
	PRIM'HOLSTEIN	18,040	343	9,333	371	39.8	293	31.4	665	71.2	65	410
Meuse	JERSIAISE	42	337	6,653	340	51.2	245	36.8	585	88.0	70	419
	BRUNE	195	350	8,641	368	42.6	294	34.0	662	76.6	77	420
	SIMMENTAL	281	320	8,289	344	41.5	280	33.8	624	75.3	75	406
	CROSSBRED	1,047	327	8,299	336	40.5	268	32.3	604	72.8	69	397
	MONTBELIARDE	777	320	7,365	291	39.6	240	32.6	531	72.1	70	402
	NORMANDE	40	327	6,483	261	40.3	217	33.5	478	73.8	64	392
PRIM'HOLSTEIN	20,149	342	9,899	389	39.3	316	31.9	705	71.2	66	412	
Morbihan	JERSIAISE	163	369	6,306	356	56.5	247	39.2	603	95.7	71	419
	PIE ROUGE	2,328	344	8,737	378	43.2	299	34.2	676	77.4	58	405
	BRETONNE PIE NOIRE	55	227	2,586	109	42.0	81	31.3	190	73.3	171	372
	SIMMENTAL	177	308	7,555	313	41.5	257	34.0	570	75.5	66	397
	CROSSBRED	1,984	336	7,918	331	41.9	262	33.1	593	74.9	60	402
	MONTBELIARDE	2,316	334	8,291	331	39.9	275	33.2	606	73.1	62	395
	NORMANDE	3,042	342	6,964	297	42.6	240	34.5	537	77.1	61	408
	PRIM'HOLSTEIN	68,805	350	9,910	405	40.9	322	32.5	727	73.4	58	412
Moselle	BRUNE	158	343	8,589	367	42.7	296	34.5	663	77.2	72	416
	SIMMENTAL	123	305	6,679	276	41.4	224	33.5	500	74.9	77	401
	CROSSBRED	3,020	329	8,016	328	40.9	261	32.6	589	73.5	66	396
	MONTBELIARDE	1,364	321	7,335	296	40.4	242	33.0	538	73.3	67	389
	PRIM'HOLSTEIN	23,700	343	9,471	382	40.3	305	32.2	687	72.5	66	412
Nièvre	CROSSBRED	62	313	6,825	274	40.2	219	32.0	493	72.2	111	430
	MONTBELIARDE	81	338	7,036	281	39.9	229	32.5	509	72.4	248	563
	PRIM'HOLSTEIN	670	338	9,829	378	38.4	308	31.4	686	69.8	73	434
Nord	JERSIAISE	67	337	5,944	312	52.4	218	36.7	530	89.1	77	451
	BRUNE	183	360	8,806	379	43.0	306	34.7	685	77.8	61	416
	SIMMENTAL	46	315	6,066	251	41.4	192	31.6	443	72.9	62	390
	CROSSBRED	4,192	337	8,307	336	40.4	267	32.2	603	72.6	66	403
	MONTBELIARDE	1,416	333	7,993	320	40.0	265	33.2	585	73.2	64	399
	BLEUE DU NORD	494	290	4,854	180	37.1	151	31.1	331	68.2	91	398
	NORMANDE	73	286	5,823	238	40.8	192	32.9	430	73.8	59	395
	ROUGE FLAMANDE	428	326	5,960	234	39.3	195	32.7	429	72.0	72	399
	PRIM'HOLSTEIN	36,367	352	9,996	405	40.5	320	32.0	724	72.5	59	406

¹Only the breeds with more than 40 results are listed here.



Complete lactations - all lactations per local area and breed (cont.)

Local area	Breed ¹	Number of Lactations	Lactation duration days	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg	Drying off duration days	Calving interval days
Oise	CROSSBRED	648	340	8,579	348	40.6	280	32.7	628	73.2	63	403
	MONTBELIARDE	229	354	7,648	305	39.8	252	33.0	557	72.8	60	430
	NORMANDE	312	338	7,615	321	42.1	269	35.3	590	77.4	61	394
	PRIM'HOLSTEIN	7,711	356	9,412	382	40.6	303	32.2	685	72.7	62	409
Orne	JERSIAISE	249	361	5,926	330	55.8	227	38.4	558	94.1	66	414
	BRUNE	179	390	7,739	345	44.5	272	35.2	617	79.7	56	435
	CROSSBRED	3,851	356	7,975	332	41.6	265	33.2	597	74.9	60	411
	MONTBELIARDE	690	346	7,669	311	40.6	258	33.7	570	74.3	77	422
	NORMANDE	22,678	343	7,071	302	42.8	247	35.0	550	77.7	64	408
	PRIM'HOLSTEIN	36,901	363	9,985	414	41.4	327	32.7	740	74.2	60	417
Pas de Calais	JERSIAISE	46	330	6,676	364	54.5	254	38.0	618	92.5	58	404
	BRUNE	269	350	8,333	355	42.5	290	34.8	644	77.3	67	423
	CROSSBRED	2,334	345	8,876	356	40.1	287	32.3	643	72.4	62	402
	MONTBELIARDE	696	335	7,927	319	40.2	260	32.8	578	73.0	61	395
	NORMANDE	108	307	6,522	273	41.8	216	33.1	489	74.9	62	399
	ROUGE FLAMANDE	163	318	5,051	201	39.9	160	31.8	362	71.6	82	391
	PRIM'HOLSTEIN	31,631	359	10,015	398	39.8	319	31.9	718	71.7	61	410
	Puy de Dôme	ABONDANCE	639	318	5,741	212	37.0	194	33.8	406	70.8	80	403
JERSIAISE		268	319	4,938	255	51.7	187	37.9	442	89.6	71	406
BRUNE		452	336	6,888	283	41.1	236	34.2	519	75.3	78	422
SALERS		233	258	2,826	100	35.6	91	32.2	191	67.7	122	376
SIMMENTAL		272	323	6,428	251	39.0	215	33.5	466	72.5	71	393
CROSSBRED		2,936	329	6,812	269	39.5	222	32.6	491	72.1	71	403
MONTBELIARDE		12,436	327	7,132	280	39.2	237	33.2	517	72.4	71	404
NORMANDE		238	299	5,120	206	40.3	169	32.9	375	73.2	81	398
PRIM'HOLSTEIN		17,102	351	8,352	330	39.5	267	31.9	597	71.4	70	425
Pyrénées Atlantiques	JERSIAISE	72	272	3,237	173	53.6	125	38.6	298	92.1	75	416
	PIE ROUGE	48	368	7,696	330	42.9	261	33.9	591	76.7	48	398
	BRUNE	183	347	7,613	310	40.7	261	34.3	572	75.1	72	430
	CROSSBRED	421	330	7,683	314	40.9	251	32.7	566	73.6	66	412
	MONTBELIARDE	968	332	7,919	315	39.7	263	33.3	578	73.0	76	416
	NORMANDE	42	320	5,729	237	41.3	204	35.6	440	76.9	78	419
	PRIM'HOLSTEIN	8,247	354	10,255	409	39.9	330	32.2	739	72.1	66	429
Hautes Pyrénées	BRUNE	79	350	6,843	287	41.9	237	34.6	524	76.6	91	459
	CROSSBRED	92	328	7,258	283	39.0	232	31.9	515	71.0	78	428
	MONTBELIARDE	263	349	7,572	297	39.3	251	33.1	548	72.4	74	422
	PRIM'HOLSTEIN	1,868	361	10,164	406	39.9	330	32.5	736	72.4	64	426
Pyrénées Orientales	MONTBELIARDE	41	294	5,245	216	41.1	164	31.2	379	72.3	114	399
	PRIM'HOLSTEIN	98	340	7,790	302	38.7	251	32.2	552	70.9	89	445

¹Only the breeds with more than 40 results are listed here.



Complete lactations - all lactations per local area and breed (cont.)

Local area	Breed ¹	Number of Lactations	Lactation duration days	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg	Drying off duration days	Calving interval days
Bas Rhin	JERSIAISE	214	342	5,578	306	54.8	213	38.2	519	93.0	60	391
	BRUNE	97	339	7,621	325	42.6	261	34.2	586	76.9	64	422
	SIMMENTAL	927	317	7,395	306	41.4	250	33.8	556	75.1	68	395
	CROSSBRED	1,165	329	8,505	348	41.0	276	32.5	625	73.4	63	402
	MONTBELIARDE	987	329	8,462	343	40.5	283	33.5	626	74.0	63	399
	VOSGIENNE	118	312	4,130	153	37.1	128	31.0	281	68.1	82	394
	PRIM'HOLSTEIN	18,501	345	10,476	423	40.3	340	32.5	763	72.8	61	410
Haut Rhin	JERSIAISE	77	368	5,213	275	52.8	201	38.5	476	91.4	79	461
	BRUNE	102	366	6,805	287	42.1	231	33.9	517	76.0	95	451
	SIMMENTAL	90	348	5,857	240	41.0	198	33.8	438	74.9	127	464
	CROSSBRED	1,030	333	7,407	302	40.8	242	32.7	544	73.5	63	400
	MONTBELIARDE	3,514	333	8,004	325	40.6	268	33.5	593	74.1	64	402
	VOSGIENNE	557	288	4,320	163	37.7	137	31.7	300	69.4	99	393
	PRIM'HOLSTEIN	6,284	352	9,651	389	40.3	311	32.2	700	72.5	61	416
Rhône	BRUNE	94	340	7,144	306	42.8	247	34.6	553	77.4	66	436
	SIMMENTAL	122	319	6,567	267	40.7	217	33.0	484	73.7	76	400
	CROSSBRED	1,258	325	7,334	297	40.5	238	32.4	535	73.0	69	403
	MONTBELIARDE	10,825	327	7,627	306	40.1	253	33.2	559	73.3	66	402
	PRIM'HOLSTEIN	6,539	353	9,375	382	40.7	301	32.1	683	72.9	64	425
Haute Saône	JERSIAISE	49	302	4,859	257	52.9	181	37.2	438	90.1	71	402
	BRUNE	129	340	7,480	315	42.1	258	34.5	573	76.6	74	431
	SIMMENTAL	77	319	6,254	250	39.9	208	33.3	458	73.2	67	399
	CROSSBRED	1,305	321	7,736	307	39.7	253	32.7	560	72.4	70	398
	MONTBELIARDE	24,123	328	8,130	319	39.3	273	33.5	592	72.8	70	404
	VOSGIENNE	64	310	4,544	175	38.4	147	32.4	322	70.9	100	429
	PRIM'HOLSTEIN	4,792	346	9,615	381	39.6	311	32.3	691	71.9	72	423
Saône & Loire	JERSIAISE	67	380	5,168	301	58.3	202	39.0	503	97.3	102	477
	SIMMENTAL	167	338	8,053	332	41.2	273	33.8	604	75.0	66	398
	CROSSBRED	564	327	8,200	331	40.3	268	32.6	598	73.0	75	400
	MONTBELIARDE	11,722	336	8,338	335	40.1	282	33.8	616	73.9	66	403
	PRIM'HOLSTEIN	2,689	354	10,008	401	40.1	323	32.3	724	72.3	62	412
Sarthe	JERSIAISE	225	320	5,190	289	55.7	202	38.9	491	94.6	76	421
	BRUNE	117	358	7,828	343	43.8	273	34.9	617	78.8	83	421
	SIMMENTAL	80	353	8,553	368	43.0	295	34.5	663	77.5	57	417
	CROSSBRED	1,563	354	7,961	332	41.8	266	33.4	598	75.2	62	413
	MONTBELIARDE	2,059	345	8,454	344	40.7	285	33.7	629	74.4	64	401
	NORMANDE	5,361	345	7,164	308	42.9	252	35.1	559	78.0	64	407
	PRIM'HOLSTEIN	29,106	363	10,053	412	41.0	331	32.9	743	73.9	62	419

¹Only the breeds with more than 40 results are listed here.



Complete lactations - all lactations per local area and breed (cont.)

Local area	Breed ¹	Number of Lactations	Lactation duration days	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg	Drying off duration days	Calving interval days
Savoie	ABONDANCE	7,650	301	5,062	183	36.1	164	32.5	347	68.6	98	407
	TARENTEISE	7,614	287	4,401	161	36.7	142	32.3	303	68.9	103	403
	CROSSBRED	563	298	5,160	192	37.2	169	32.7	361	69.9	101	401
	MONTBELIARDE	6,923	324	7,623	291	38.2	256	33.5	547	71.7	71	402
	PRIM·HOLSTEIN	223	365	9,621	362	37.6	309	32.2	671	69.8	77	457
Haute Savoie	ABONDANCE	11,396	306	6,185	223	36.1	205	33.2	429	69.3	88	403
	BRUNE	77	367	6,469	265	40.9	216	33.4	481	74.3	67	423
	TARENTEISE	481	289	4,740	173	36.4	156	33.0	329	69.4	107	406
	SIMMENTAL	121	332	7,301	288	39.4	259	35.4	547	74.9	63	385
	CROSSBRED	356	325	7,551	286	37.9	246	32.6	532	70.5	79	413
	MONTBELIARDE	22,054	322	7,767	293	37.7	259	33.3	552	71.1	73	404
	PRIM·HOLSTEIN	1,566	335	9,903	381	38.5	315	31.8	697	70.3	70	426
Seine Maritime	JERSIAISE	87	310	5,302	282	53.1	203	38.4	485	91.5	69	377
	PIE ROUGE	808	344	8,317	360	43.3	284	34.1	644	77.5	66	401
	BRUNE	69	362	8,376	372	44.4	301	35.9	673	80.3	75	443
	CROSSBRED	4,961	345	8,009	327	40.9	263	32.9	591	73.7	59	406
	MONTBELIARDE	1,009	355	8,588	346	40.3	288	33.5	634	73.8	63	398
	NORMANDE	10,568	344	7,120	300	42.1	248	34.8	547	76.8	64	409
	PRIM·HOLSTEIN	25,090	358	9,880	400	40.5	319	32.3	719	72.7	59	414
Seine & Marne	JERSIAISE	44	328	6,036	312	51.6	241	39.9	552	91.5	57	411
	CROSSBRED	123	336	9,387	376	40.1	305	32.5	681	72.5	56	411
	PRIM·HOLSTEIN	2,395	359	10,462	414	39.5	333	31.8	746	71.3	62	409
Yvelines	JERSIAISE	66	409	6,218	358	57.5	254	40.8	611	98.3	90	436
	CROSSBRED	101	279	7,745	305	39.4	253	32.6	558	72.0	77	399
	PRIM·HOLSTEIN	1,059	310	9,801	395	40.3	312	31.8	706	72.1	66	391
Deux Sèvres	JERSIAISE	381	315	6,066	348	57.4	240	39.6	589	97.0	69	388
	CROSSBRED	460	346	9,144	375	41.0	305	33.3	680	74.3	64	411
	MONTBELIARDE	948	337	8,235	320	38.8	276	33.6	596	72.4	70	405
	NORMANDE	493	339	6,574	269	40.9	228	34.7	497	75.7	63	404
	PRIM·HOLSTEIN	16,118	360	10,603	434	41.0	351	33.1	785	74.0	62	414
Somme	JERSIAISE	61	332	5,869	325	55.4	221	37.7	546	93.1	79	433
	BRUNE	42	361	7,545	329	43.6	265	35.1	594	78.7	52	442
	CROSSBRED	1,651	336	8,847	356	40.2	288	32.6	644	72.8	64	407
	MONTBELIARDE	557	320	8,022	318	39.7	266	33.1	584	72.8	68	400
	NORMANDE	390	361	7,844	334	42.5	274	34.9	607	77.4	63	398
	PRIM·HOLSTEIN	17,969	352	10,131	406	40.1	326	32.2	733	72.3	62	410

¹Only the breeds with more than 40 results are listed here.



Complete lactations - all lactations per local area and breed (cont.)

Local area	Breed ¹	Number of Lactations	Lactation duration days	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg	Drying off duration days	Calving interval days
Tarn	ABONDANCE	65	315	5,168	188	36.3	167	32.3	354	68.6	69	384
	BRUNE	302	357	6,608	282	42.7	224	33.9	506	76.6	63	443
	SIMMENTAL	40	397	6,880	282	40.9	231	33.6	513	74.6	88	441
	CROSSBRED	543	335	7,265	294	40.5	235	32.4	529	72.9	68	403
	MONTBELIARDE	440	340	6,839	274	40.0	223	32.7	497	72.7	70	421
	PRIM'HOLSTEIN	6,752	358	9,185	370	40.3	295	32.1	665	72.4	68	428
Tarn & Garonne	BRUNE	93	381	5,534	254	45.9	197	35.6	451	81.5	69	450
	CROSSBRED	277	336	7,044	307	43.6	228	32.3	535	75.9	69	411
	MONTBELIARDE	205	352	7,275	303	41.6	237	32.6	540	74.2	67	394
	PRIM'HOLSTEIN	2,403	376	8,876	360	40.6	284	32.0	644	72.6	67	447
Vendée	JERSIAISE	451	328	5,092	276	54.2	193	37.9	469	92.1	77	405
	BRUNE	176	370	8,444	377	44.7	295	34.9	672	79.6	63	428
	SIMMENTAL	114	351	8,338	331	39.7	283	34.0	614	73.7	74	405
	CROSSBRED	1,306	346	7,933	334	42.1	262	33.0	596	75.1	62	409
	MONTBELIARDE	2,083	342	8,646	347	40.2	292	33.8	639	73.9	69	404
	NORMANDE	1,576	344	7,123	302	42.4	251	35.2	553	77.7	68	409
	PRIM'HOLSTEIN	39,919	361	10,275	429	41.7	335	32.6	764	74.3	63	415
Vienne	CROSSBRED	346	360	9,185	392	42.7	309	33.6	701	76.3	57	441
	MONTBELIARDE	261	334	7,386	294	39.8	247	33.4	541	73.2	64	415
	NORMANDE	124	332	6,296	271	43.0	215	34.2	486	77.2	67	398
	PRIM'HOLSTEIN	4,484	365	10,096	418	41.4	333	33.0	751	74.4	59	424
Haute Vienne	BRUNE	42	364	6,594	284	43.0	222	33.7	506	76.8	69	413
	CROSSBRED	293	334	7,028	289	41.2	228	32.5	518	73.7	64	408
	MONTBELIARDE	259	310	5,995	243	40.5	199	33.1	441	73.6	73	387
	NORMANDE	452	338	6,073	260	42.8	208	34.3	468	77.0	70	395
	PRIM'HOLSTEIN	2,858	368	9,649	387	40.1	313	32.4	699	72.5	69	432
Vosges	JERSIAISE	110	268	3,502	190	54.2	133	38.1	323	92.2	79	378
	AYRSHIRE	84	354	8,279	418	50.5	261	31.5	679	82.0	77	405
	BRUNE	168	349	7,287	305	41.9	247	33.9	552	75.7	68	417
	SIMMENTAL	582	322	7,234	298	41.2	243	33.6	541	74.8	64	388
	CROSSBRED	2,537	333	7,643	310	40.6	245	32.1	555	72.6	71	406
	MONTBELIARDE	8,896	331	7,703	306	39.7	254	33.0	560	72.7	68	402
	NORMANDE	67	338	7,364	309	41.9	250	33.9	558	75.8	92	419
	VOSGIENNE	432	289	3,830	142	37.2	120	31.4	263	68.6	106	403
	PRIM'HOLSTEIN	25,004	345	9,082	362	39.8	290	31.9	652	71.8	67	416
Yonne	BRUNE	115	371	7,326	317	43.2	248	33.9	565	77.1	60	414
	CROSSBRED	563	362	8,495	351	41.3	278	32.7	629	74.0	66	421
	MONTBELIARDE	650	361	8,174	329	40.2	271	33.1	599	73.3	67	415
	NORMANDE	60	372	7,365	324	43.9	254	34.5	578	78.4	63	399
	PRIM'HOLSTEIN	5,994	374	10,207	413	40.4	326	32.0	739	72.4	64	436

¹Only the breeds with more than 40 results are listed here.



Complete lactations - all lactations per local area and breed (cont.)

Local area	Breed ¹	Number of Lactations	Lactation duration days	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg	Drying off duration days	Calving interval days
Territoire de Belfort	CROSSBRED	163	338	7,492	310	41.3	248	33.1	557	74.4	70	408
	MONTBELIARDE	1,927	332	8,546	346	40.5	290	33.9	635	74.3	66	405
	PRIM'HOLSTEIN	1,336	343	9,397	381	40.5	307	32.7	688	73.2	64	416
Val d'Oise	PRIM'HOLSTEIN	163	350	9,394	359	38.3	301	32.1	661	70.3	64	398
Réunion	BRUNE	138	356	7,364	303	41.1	263	35.7	566	76.8	103	494
	CROSSBRED	349	343	7,700	300	39.0	254	32.9	554	71.9	83	423
	MONTBELIARDE	126	338	7,453	286	38.4	248	33.2	534	71.7	74	409
	PRIM'HOLSTEIN	1,577	372	8,805	335	38.1	284	32.3	620	70.4	76	457

¹Only the breeds with more than 40 results are listed here.



3.4 - Complete lactations - all breeds - first lactations

Local area ¹	Number of lactations	lactation duration days	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg	Calving age months
Ain	9,538	342	8,018	322	40.2	269	33.5	591	73.7	32
Aisne	5,736	350	8,634	348	40.3	280	32.4	628	72.7	29
Allier	1,334	365	8,547	344	40.3	280	32.8	624	73.0	30
Alpes Hte Provence	157	296	5,276	207	39.3	176	33.4	384	72.7	36
Hautes Alpes	661	330	5,532	214	38.7	179	32.4	393	71.1	37
Ardèche	1,248	347	7,047	283	40.2	233	33.0	516	73.2	33
Ardennes	3,916	351	8,485	338	39.8	276	32.5	613	72.3	32
Ariège	763	363	8,285	333	40.1	274	33.0	606	73.2	31
Aube	2,241	369	8,888	356	40.0	289	32.5	645	72.5	32
Aude	86	386	7,778	321	41.3	260	33.4	581	74.6	32
Aveyron	9,361	347	7,684	312	40.6	252	32.8	564	73.4	30
Calvados	15,480	354	8,054	326	40.5	266	33.0	592	73.6	31
Cantal	11,793	334	6,698	266	39.7	219	32.6	485	72.4	32
Charente	1,444	356	7,672	318	41.5	255	33.2	573	74.7	30
Charente Maritime	2,035	357	8,670	349	40.3	285	32.8	634	73.1	30
Cher	1,048	359	8,169	335	41.0	268	32.8	603	73.8	31
Corrèze	1,168	358	7,409	294	39.7	239	32.3	533	72.0	32
Côte d'Or	3,789	346	7,476	303	40.5	250	33.5	553	74.0	33
Côtes d'Armor	28,837	346	8,264	334	40.4	267	32.3	601	72.8	28
Creuse	949	357	7,467	298	39.9	242	32.4	540	72.4	32
Dordogne	2,574	359	8,347	339	40.6	274	32.8	613	73.4	31
Doubs	25,851	312	6,582	253	38.5	220	33.4	473	71.9	32
Drôme	820	349	8,051	320	39.7	266	33.1	586	72.8	32
Eure	4,662	359	8,262	339	41.1	275	33.3	614	74.3	31
Eure & Loir	1,490	359	8,498	354	41.6	284	33.5	638	75.1	30
Finistère	23,076	347	7,881	319	40.5	253	32.1	572	72.6	28
Haute Garonne	1,756	367	8,526	342	40.1	281	33.0	623	73.1	31
Gers	260	348	8,262	324	39.3	266	32.1	590	71.4	31
Gironde	664	357	8,604	338	39.2	281	32.6	618	71.9	30
Ille & Vilaine	50,388	348	8,179	335	40.9	268	32.7	602	73.6	28
Indre	1,219	370	9,070	371	40.9	301	33.1	671	74.0	29
Indre & Loire	3,429	352	8,959	369	41.2	297	33.1	666	74.3	29
Isère	5,669	347	7,879	315	40.0	262	33.3	578	73.3	32
Jura	14,077	319	6,621	251	37.9	220	33.2	470	71.0	34
Landes	962	356	8,831	357	40.5	286	32.4	643	72.8	28
Loir & Cher	2,614	347	8,422	345	41.0	277	32.9	623	73.9	29
Loire	10,397	347	7,826	317	40.5	257	32.8	573	73.3	30
Haute Loire	10,233	336	7,187	293	40.8	239	33.2	532	74.0	31
Loire Atlantique	26,504	352	8,298	343	41.4	274	33.0	617	74.4	29
Loiret	1,595	364	8,923	363	40.7	291	32.6	655	73.4	31
Lot	2,285	364	8,313	334	40.1	271	32.6	605	72.8	31
Lot & Garonne	1,542	361	8,586	349	40.7	278	32.4	628	73.1	30
Lozère	1,871	325	6,093	239	39.2	201	32.9	440	72.2	32
Maine & Loire	19,487	354	8,598	361	42.0	287	33.4	649	75.4	28
Manche	41,186	350	7,939	325	40.9	264	33.3	589	74.2	30
Marne	1,283	344	8,755	343	39.1	285	32.5	627	71.7	30
Haute Marne	7,827	345	8,359	333	39.9	279	33.3	612	73.2	32

¹Only the local areas which count up more than 40 results are listed here.



Complete lactations - all breeds - first lactations (cont.)

Local area ¹	Number of lactations	lactation duration days	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg	Calving age months
Mayenne	36,273	359	8,297	345	41.5	276	33.3	621	74.8	29
Meurthe & Moselle	7,120	340	8,187	326	39.9	260	31.8	586	71.6	31
Meuse	7,981	343	8,736	345	39.5	283	32.3	628	71.9	30
Morbihan	25,447	346	8,348	341	40.8	273	32.7	614	73.5	28
Moselle	9,912	343	8,345	337	40.3	272	32.6	609	73.0	31
Nièvre	253	357	9,157	355	38.7	290	31.7	645	70.4	32
Nord	16,325	351	8,765	354	40.4	283	32.2	637	72.7	28
Oise	3,335	352	8,306	336	40.5	270	32.5	606	73.0	30
Orne	23,181	357	7,956	332	41.7	267	33.5	599	75.2	31
Pas de Calais	13,468	357	8,944	356	39.8	287	32.1	643	71.9	30
Puy de Dôme	10,170	344	7,089	279	39.4	231	32.5	510	71.9	33
Pyrénées Atlantiques	3,263	357	9,023	360	39.9	296	32.8	656	72.7	29
Hautes Pyrénées	744	365	9,118	362	39.6	302	33.1	663	72.8	31
Pyrénées Orientales	46	314	6,212	244	39.3	198	31.9	442	71.2	34
Bas Rhin	7,727	344	9,118	369	40.5	302	33.1	671	73.6	29
Haut Rhin	3,684	347	8,000	324	40.5	264	32.9	587	73.4	31
Rhône	5,094	344	7,581	307	40.5	249	32.9	556	73.3	31
Haute Saône	9,865	334	7,575	300	39.6	255	33.6	554	73.2	33
Saône & Loire	4,953	351	8,157	328	40.3	275	33.7	603	74.0	33
Sarthe	14,587	358	8,501	349	41.1	285	33.5	634	74.6	30
Savoie	6,157	310	5,155	194	37.6	171	33.1	364	70.7	36
Haute Savoie	10,269	320	6,599	249	37.7	222	33.6	471	71.4	34
Seine Maritime	15,676	359	8,176	335	41.0	271	33.1	606	74.1	31
Seine & Marne	973	356	9,300	367	39.4	300	32.3	667	71.7	29
Yvelines	401	316	8,333	340	40.7	271	32.5	610	73.2	26
Deux Sèvres	6,418	361	9,310	382	41.1	312	33.5	694	74.6	29
Somme	8,050	356	9,106	365	40.1	297	32.6	662	72.7	29
Tarn	2,492	355	7,920	319	40.2	258	32.6	577	72.8	29
Tarn & Garonne	932	380	7,887	325	41.2	257	32.6	582	73.7	32
Vendée	16,694	357	8,984	374	41.6	296	33.0	670	74.6	28
Vienne	1,804	369	8,926	372	41.6	299	33.5	671	75.1	28
Haute Vienne	1,241	358	8,223	331	40.3	269	32.7	601	73.0	31
Vosges	12,808	342	7,847	312	39.8	255	32.5	567	72.3	34
Yonne	2,591	376	9,065	368	40.6	294	32.4	662	73.1	31
Territoire de Belfort	1,104	341	8,185	333	40.7	276	33.8	610	74.5	31
Val d'Oise	60	362	8,501	329	38.7	273	32.1	602	70.8	28
Réunion	729	387	8,463	323	38.2	279	33.0	602	71.2	31

¹Only the local areas which count up more than 40 results are listed here.



3.5 - Complete lactations - first lactations per local area and breed

Local area	Breed ¹	Number of lactations	Lactation duration days	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg	Calving age months
Ain	BRUNE	52	348	7,811	330	42.2	272	34.8	602	77.1	30
	SIMMENTAL	212	313	5,825	232	39.9	198	33.9	430	73.8	35
	CROSSBRED	631	338	7,761	314	40.4	258	33.2	571	73.6	32
	MONTBELIARDE	6,192	340	7,587	304	40.1	258	34.0	562	74.0	33
	PRIM'HOLSTEIN	2,391	354	9,490	383	40.4	310	32.7	693	73.0	29
Aisne	CROSSBRED	502	333	7,479	307	41.1	243	32.5	550	73.6	29
	MONTBELIARDE	144	347	7,218	295	40.8	241	33.4	536	74.2	32
	NORMANDE	106	347	5,538	231	41.8	186	33.6	417	75.4	34
	PRIM'HOLSTEIN	4,937	352	8,881	356	40.1	288	32.4	644	72.5	29
Allier	CROSSBRED	65	365	7,280	298	41.0	239	32.8	537	73.7	31
	MONTBELIARDE	142	307	5,747	233	40.6	196	34.0	429	74.7	36
	NORMANDE	91	350	6,897	294	42.7	232	33.6	526	76.3	32
	PRIM'HOLSTEIN	1,013	373	9,218	369	40.0	301	32.6	669	72.6	29
Alpes Hte Provence	MONTBELIARDE	106	304	5,648	219	38.7	188	33.3	407	72.0	37
Hautes Alpes	ABONDANCE	82	311	4,216	153	36.3	136	32.3	289	68.6	40
	TARENDAISE	84	296	3,829	151	39.3	128	33.3	278	72.7	37
	CROSSBRED	50	314	5,196	199	38.3	167	32.1	366	70.4	39
	MONTBELIARDE	298	342	5,854	227	38.7	191	32.6	418	71.3	38
	PRIM'HOLSTEIN	127	351	7,122	278	39.1	225	31.5	503	70.6	34
Ardèche	ABONDANCE	104	317	5,134	197	38.4	170	33.1	367	71.5	36
	CROSSBRED	104	344	6,354	261	41.0	210	33.1	471	74.2	34
	MONTBELIARDE	748	343	6,772	271	40.1	224	33.1	495	73.1	33
	PRIM'HOLSTEIN	255	370	9,035	363	40.2	295	32.6	658	72.8	29
Ardennes	CROSSBRED	404	341	7,268	292	40.1	237	32.5	528	72.7	34
	MONTBELIARDE	94	306	6,508	260	39.9	213	32.7	473	72.6	36
	PRIM'HOLSTEIN	3,360	354	8,748	347	39.7	284	32.4	631	72.1	32
Ariège	BRUNE	116	361	7,105	301	42.3	251	35.3	552	77.6	32
	CROSSBRED	45	364	6,978	271	38.9	223	32.0	495	70.9	34
	MONTBELIARDE	68	338	6,392	248	38.7	210	32.9	458	71.6	36
	PRIM'HOLSTEIN	504	369	9,078	361	39.7	296	32.6	657	72.3	30
Aube	BRUNE	99	380	8,374	351	42.0	298	35.5	649	77.5	32
	CROSSBRED	126	368	7,898	315	39.9	260	32.9	575	72.8	34
	MONTBELIARDE	118	311	6,621	256	38.7	221	33.3	477	72.0	34
	PRIM'HOLSTEIN	1,865	372	9,178	366	39.9	296	32.2	662	72.2	32
Aude	PRIM'HOLSTEIN	48	392	8,093	319	39.5	261	32.2	580	71.7	35

¹Only the breeds with more than 40 results are listed here.



Complete lactations - first lactations per local area and breed (cont.)

Local area	Breed ¹	Number of lactations	Lactation duration days	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg	Calving age months
Aveyron	BRUNE	650	352	6,988	300	42.9	242	34.7	542	77.6	31
	SIMMENTAL	735	326	5,643	224	39.8	191	33.9	416	73.6	34
	CROSSBRED	399	332	6,730	273	40.6	220	32.6	493	73.3	31
	MONTBELIARDE	876	340	6,622	264	39.9	221	33.4	486	73.3	33
	PRIM'HOLSTEIN	6,558	351	8,253	334	40.4	268	32.5	602	73.0	29
Calvados	JERSIAISE	123	352	5,059	294	58.2	197	38.9	491	97.1	27
	CROSSBRED	1,378	345	6,997	282	40.3	228	32.6	510	72.9	32
	MONTBELIARDE	195	361	7,425	296	39.9	249	33.5	545	73.4	33
	NORMANDE	3,282	351	6,416	270	42.1	223	34.7	493	76.8	34
	PRIM'HOLSTEIN	10,465	356	8,758	351	40.1	286	32.6	637	72.7	30
Cantal	ABONDANCE	145	311	4,435	168	37.9	147	33.1	315	71.0	36
	JERSIAISE	67	317	4,087	216	52.7	150	36.7	366	89.5	27
	BRUNE	341	354	6,258	265	42.4	215	34.4	480	76.8	32
	SALERS	117	249	1,973	67	34.1	66	33.5	133	67.6	37
	SIMMENTAL	290	330	5,067	203	40.0	174	34.3	377	74.3	37
	CROSSBRED	857	322	5,984	238	39.7	194	32.4	431	72.1	33
	MONTBELIARDE	4,055	327	6,308	246	39.1	210	33.3	456	72.3	34
	NORMANDE	52	334	5,599	231	41.2	192	34.3	423	75.5	32
	PRIM'HOLSTEIN	5,823	342	7,387	295	39.9	237	32.1	532	72.1	31
Charente	JERSIAISE	94	350	5,251	285	54.3	198	37.7	483	92.0	27
	CROSSBRED	103	344	6,559	289	44.1	223	33.9	512	78.0	29
	MONTBELIARDE	118	339	6,721	267	39.8	225	33.4	492	73.2	32
	NORMANDE	139	347	5,882	257	43.8	208	35.3	465	79.1	34
	PRIM'HOLSTEIN	972	362	8,425	341	40.4	275	32.7	616	73.1	29
Charente Maritime	CROSSBRED	97	344	7,281	290	39.8	238	32.6	528	72.5	32
	MONTBELIARDE	98	344	6,756	274	40.6	224	33.2	498	73.8	33
	NORMANDE	79	339	6,359	271	42.6	221	34.8	493	77.5	31
	PRIM'HOLSTEIN	1,714	359	9,004	361	40.1	295	32.7	656	72.8	30
Cher	CROSSBRED	125	341	7,244	304	42.0	242	33.4	546	75.4	32
	PRIM'HOLSTEIN	860	365	8,532	347	40.6	278	32.6	625	73.2	31
Corrèze	CROSSBRED	49	351	6,135	248	40.5	198	32.2	446	72.7	32
	MONTBELIARDE	125	344	6,265	243	38.9	204	32.6	448	71.5	34
	PRIM'HOLSTEIN	951	361	7,685	305	39.7	248	32.2	552	71.9	32
Côte d'Or	BRUNE	904	359	7,677	325	42.3	267	34.8	592	77.1	31
	SIMMENTAL	441	315	6,417	262	40.8	217	33.7	478	74.5	35
	CROSSBRED	168	337	6,921	274	39.6	226	32.6	500	72.2	32
	MONTBELIARDE	1,175	337	7,077	283	40.0	238	33.6	521	73.7	34
	PRIM'HOLSTEIN	1,082	358	8,289	329	39.7	267	32.2	596	71.9	31

¹Only the breeds with more than 40 results are listed here.



Complete lactations - first lactations per local area and breed (cont.)

Local area	Breed ¹	Number of lactations	Lactation duration days	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg	Calving age months
Côtes d'Armor	PIE ROUGE	367	342	6,986	300	42.9	235	33.7	535	76.6	28
	BRUNE	94	347	6,694	297	44.3	231	34.4	527	78.7	30
	CROSSBRED	954	348	7,465	305	40.9	241	32.3	546	73.2	29
	MONTBELIARDE	633	334	7,084	286	40.4	233	32.9	519	73.3	30
	NORMANDE	1,877	346	6,457	273	42.2	222	34.4	494	76.6	30
	PRIM·HOLSTEIN	24,850	346	8,494	342	40.2	273	32.2	615	72.4	27
Creuse	CROSSBRED	51	377	6,868	268	39.0	223	32.5	491	71.5	36
	MONTBELIARDE	71	365	6,391	259	40.6	216	33.8	476	74.4	37
	PRIM·HOLSTEIN	790	355	7,716	308	39.9	249	32.3	557	72.2	32
Dordogne	CROSSBRED	132	335	6,951	284	40.9	228	32.8	512	73.6	32
	MONTBELIARDE	205	349	6,808	278	40.9	230	33.8	509	74.7	34
	PRIM·HOLSTEIN	2,163	361	8,661	350	40.5	283	32.7	634	73.2	31
Doubs	SIMMENTAL	67	294	6,014	237	39.4	196	32.6	433	71.9	32
	CROSSBRED	351	317	7,188	287	40.0	233	32.5	521	72.4	32
	MONTBELIARDE	24,847	311	6,527	251	38.4	218	33.4	469	71.8	32
	PRIM·HOLSTEIN	557	351	8,726	347	39.7	286	32.8	632	72.5	31
Drôme	MONTBELIARDE	406	353	7,190	285	39.6	238	33.1	522	72.6	34
	PRIM·HOLSTEIN	357	349	9,440	377	40.0	313	33.1	690	73.1	28
Eure	CROSSBRED	497	354	7,522	309	41.1	253	33.6	562	74.7	33
	MONTBELIARDE	67	346	7,164	292	40.8	243	34.0	536	74.8	32
	NORMANDE	883	359	6,742	287	42.5	235	34.9	522	77.4	34
	PRIM·HOLSTEIN	3,190	360	8,835	360	40.7	290	32.8	650	73.6	31
Eure & Loir	CROSSBRED	44	329	7,051	287	40.7	231	32.8	518	73.5	31
	NORMANDE	340	363	6,970	298	42.7	245	35.2	543	77.9	31
	PRIM·HOLSTEIN	1,021	360	9,264	381	41.1	305	32.9	686	74.0	29
Finistère	JERSAISE	130	328	4,116	229	55.6	157	38.2	386	93.8	26
	PIE ROUGE	440	346	7,318	316	43.2	245	33.5	561	76.6	29
	BRUNE	97	329	6,225	269	43.3	208	33.4	477	76.6	28
	CROSSBRED	1,155	338	6,530	272	41.7	212	32.4	484	74.1	28
	MONTBELIARDE	173	314	6,341	261	41.2	207	32.7	468	73.9	30
	NORMANDE	651	354	6,148	258	41.9	209	34.1	467	76.0	31
	PRIM·HOLSTEIN	20,420	348	8,071	325	40.3	258	32.0	584	72.3	28
Haute Garonne	CROSSBRED	100	331	6,943	287	41.3	231	33.2	517	74.5	30
	MONTBELIARDE	211	357	7,195	292	40.6	248	34.4	540	75.0	32
	PRIM·HOLSTEIN	1,348	372	8,996	358	39.8	294	32.7	652	72.5	30
Gers	CROSSBRED	41	326	6,582	257	39.1	212	32.3	470	71.3	31
	PRIM·HOLSTEIN	200	353	8,862	348	39.2	283	32.0	631	71.2	30

¹Only the breeds with more than 40 results are listed here.



Complete lactations - first lactations per local area and breed (cont.)

Local area	Breed ¹	Number of lactations	Lactation duration days	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg	Calving age months
Gironde	CROSSBRED	61	323	6,313	255	40.4	210	33.3	465	73.7	32
	PRIM·HOLSTEIN	570	364	8,996	351	39.0	293	32.5	644	71.6	30
Ille & Vilaine	JERSIAISE	237	339	4,505	244	54.3	169	37.6	414	91.9	27
	PIE ROUGE	306	350	7,158	314	43.9	245	34.3	559	78.1	28
	BRUNE	122	345	6,942	302	43.5	241	34.8	543	78.3	28
	CROSSBRED	2,467	343	6,847	285	41.6	224	32.7	509	74.3	29
	MONTBELIARDE	1,509	334	6,938	283	40.7	232	33.4	514	74.1	30
	NORMANDE	3,970	347	6,530	277	42.4	225	34.4	501	76.8	30
	PRIM·HOLSTEIN	41,716	349	8,498	346	40.7	277	32.5	623	73.3	27
Indre	CROSSBRED	67	384	9,185	370	40.3	306	33.3	676	73.6	31
	PRIM·HOLSTEIN	1,100	371	9,201	376	40.8	304	33.1	680	73.9	29
Indre & Loire	CROSSBRED	168	343	6,952	297	42.7	231	33.3	528	75.9	32
	MONTBELIARDE	139	351	7,602	317	41.7	255	33.6	572	75.2	31
	NORMANDE	67	371	7,094	310	43.7	249	35.0	558	78.7	32
	PRIM·HOLSTEIN	3,025	352	9,207	378	41.1	304	33.1	682	74.1	28
Isère	ABONDANCE	103	307	5,073	187	36.8	168	33.0	354	69.8	35
	SIMMENTAL	109	329	6,704	287	42.9	225	33.5	512	76.4	34
	CROSSBRED	350	349	7,671	309	40.3	255	33.2	564	73.5	32
	MONTBELIARDE	3,349	343	7,558	303	40.1	254	33.6	557	73.7	33
	PRIM·HOLSTEIN	1,666	361	9,003	358	39.8	294	32.7	653	72.5	30
Jura	SIMMENTAL	311	320	5,804	234	40.3	197	34.0	431	74.3	36
	CROSSBRED	202	315	6,114	242	39.5	205	33.5	447	73.0	34
	MONTBELIARDE	13,305	319	6,600	249	37.8	219	33.2	468	70.9	34
	PRIM·HOLSTEIN	246	349	9,252	362	39.1	298	32.2	660	71.3	29
Landes	CROSSBRED	47	331	6,411	259	40.4	205	31.9	464	72.3	30
	PRIM·HOLSTEIN	903	357	8,979	363	40.4	291	32.4	654	72.8	28
Loir & Cher	CROSSBRED	43	324	6,792	295	43.5	229	33.7	524	77.2	30
	NORMANDE	362	350	6,655	285	42.8	228	34.3	513	77.1	30
	PRIM·HOLSTEIN	2,149	348	8,789	357	40.7	288	32.7	645	73.4	29
Loire	ABONDANCE	44	305	4,849	189	39.0	164	33.8	353	72.8	32
	BRUNE	76	376	7,198	313	43.5	252	34.9	564	78.4	32
	SIMMENTAL	96	331	6,852	282	41.1	232	33.8	513	74.9	32
	CROSSBRED	522	339	6,995	284	40.6	228	32.7	512	73.2	31
	MONTBELIARDE	4,189	338	7,162	289	40.4	241	33.6	530	74.0	31
	PRIM·HOLSTEIN	5,402	354	8,508	344	40.5	274	32.2	618	72.7	28

¹Only the breeds with more than 40 results are listed here.



Complete lactations - first lactations per local area and breed (cont.)

Local area	Breed ¹	Number of lactations	Lactation duration days	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg	Calving age months
Haute Loire	ABONDANCE	166	314	4,846	186	38.5	163	33.6	349	72.1	35
	BRUNE	63	359	6,216	266	42.8	213	34.3	479	77.0	31
	TARENTEISE	41	359	5,499	225	41.0	194	35.2	419	76.2	35
	CROSSBRED	660	328	6,676	278	41.7	222	33.2	500	74.9	31
	MONTBELIARDE	6,351	331	6,869	279	40.6	230	33.5	509	74.1	31
	PRIM'HOLSTEIN	2,924	348	8,201	336	41.0	267	32.5	603	73.6	29
Loire Atlantique	JERSIAISE	166	331	4,431	239	54.0	165	37.3	405	91.3	27
	PIE ROUGE	75	317	7,251	330	45.5	258	35.6	588	81.1	28
	BRUNE	69	353	6,131	266	43.4	207	33.8	473	77.2	31
	SIMMENTAL	104	330	5,610	232	41.3	191	34.1	423	75.4	33
	CROSSBRED	1,077	352	6,842	288	42.1	225	32.9	513	74.9	30
	MONTBELIARDE	840	338	7,404	303	40.9	248	33.5	551	74.4	30
	NORMANDE	1,988	349	6,646	281	42.3	229	34.4	510	76.7	32
	PRIM'HOLSTEIN	22,160	353	8,609	355	41.2	283	32.8	638	74.1	29
Loiret	CROSSBRED	123	353	7,979	322	40.3	260	32.6	582	73.0	33
	MONTBELIARDE	57	338	7,456	303	40.6	247	33.1	550	73.7	34
	PRIM'HOLSTEIN	1,373	368	9,170	373	40.7	299	32.6	672	73.3	30
Lot	CROSSBRED	175	343	6,895	278	40.3	225	32.7	503	73.0	32
	MONTBELIARDE	231	362	7,591	304	40.1	255	33.6	559	73.7	32
	PRIM'HOLSTEIN	1,837	366	8,588	344	40.1	279	32.5	623	72.6	30
Lot & Garonne	CROSSBRED	176	339	7,530	313	41.6	246	32.7	560	74.3	29
	NORMANDE	51	338	5,482	228	41.6	188	34.2	416	75.8	33
	PRIM'HOLSTEIN	1,271	366	8,935	362	40.5	289	32.3	651	72.8	30
Lozère	ABONDANCE	50	276	4,085	157	38.4	134	32.9	291	71.3	34
	BRUNE	236	334	5,956	244	41.0	199	33.4	443	74.4	30
	SIMMENTAL	171	335	5,311	213	40.1	183	34.5	396	74.6	35
	MONTBELIARDE	1,090	319	6,095	235	38.5	201	32.9	435	71.4	33
	PRIM'HOLSTEIN	283	350	7,266	290	40.0	232	31.9	522	71.9	30
Maine & Loire	JERSIAISE	692	333	4,746	265	55.9	185	39.1	451	94.9	26
	BRUNE	182	357	7,854	352	44.8	278	35.4	630	80.2	28
	SIMMENTAL	56	337	5,992	252	42.1	198	33.0	450	75.1	30
	CROSSBRED	736	361	7,918	336	42.5	266	33.6	602	76.0	30
	MONTBELIARDE	1,001	343	7,218	296	41.0	245	33.9	541	74.9	32
	NORMANDE	927	357	6,799	295	43.5	237	34.9	533	78.4	31
	PRIM'HOLSTEIN	15,888	355	9,007	375	41.7	299	33.2	674	74.8	28

¹Only the breeds with more than 40 results are listed here.



Complete lactations - first lactations per local area and breed (cont.)

Local area	Breed ¹	Number of lactations	Lactation duration days	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg	Calving age months
Manche	JERSIAISE	408	322	4,266	239	56.0	163	38.1	402	94.1	26
	PIE ROUGE	109	347	7,264	315	43.4	242	33.3	557	76.6	30
	BRUNE	111	345	7,048	304	43.2	245	34.7	549	77.9	31
	CROSSBRED	3,343	347	7,222	297	41.1	240	33.2	536	74.2	31
	MONTBELIARDE	370	345	7,418	301	40.6	249	33.6	551	74.2	32
	NORMANDE	11,782	353	6,636	282	42.5	231	34.8	513	77.3	32
	PRIM'HOLSTEIN	25,040	350	8,724	351	40.2	285	32.7	636	72.9	29
Marne	CROSSBRED	68	322	7,637	305	39.9	250	32.7	554	72.6	31
	PRIM'HOLSTEIN	1,179	346	8,891	347	39.0	289	32.5	635	71.5	30
Haute Marne	JERSIAISE	76	330	4,935	263	53.2	189	38.3	452	91.5	25
	BRUNE	219	353	7,335	313	42.7	256	34.9	569	77.6	33
	SIMMENTAL	620	314	6,593	270	41.0	227	34.4	497	75.3	35
	CROSSBRED	402	334	7,236	295	40.8	243	33.6	539	74.5	32
	MONTBELIARDE	1,848	341	7,614	308	40.4	261	34.3	569	74.8	34
	PRIM'HOLSTEIN	4,627	352	9,116	358	39.3	299	32.8	657	72.1	31
Mayenne	JERSIAISE	208	342	4,889	277	56.7	187	38.3	464	95.0	26
	BRUNE	133	346	7,640	327	42.8	264	34.6	591	77.4	29
	SIMMENTAL	78	335	6,967	309	44.3	237	34.0	546	78.4	33
	CROSSBRED	1,741	350	7,424	312	42.0	248	33.4	560	75.5	29
	MONTBELIARDE	1,644	352	7,429	304	41.0	251	33.8	556	74.8	31
	NORMANDE	7,023	349	6,767	287	42.5	235	34.8	523	77.3	31
	PRIM'HOLSTEIN	25,417	364	8,874	366	41.3	292	32.9	658	74.2	28
Meurthe & Moselle	BRUNE	61	327	7,184	297	41.3	243	33.9	540	75.2	31
	CROSSBRED	648	329	6,982	280	40.1	224	32.1	504	72.2	33
	MONTBELIARDE	265	330	6,868	283	41.1	226	32.9	508	74.0	34
	PRIM'HOLSTEIN	6,085	342	8,411	334	39.7	266	31.7	601	71.4	31
Meuse	BRUNE	67	352	7,720	335	43.4	264	34.2	599	77.6	30
	SIMMENTAL	93	323	7,346	309	42.0	252	34.3	560	76.3	36
	CROSSBRED	357	327	7,457	300	40.2	243	32.5	542	72.7	32
	MONTBELIARDE	263	324	6,811	270	39.6	221	32.5	491	72.1	35
	PRIM'HOLSTEIN	7,163	345	8,913	351	39.4	288	32.3	639	71.7	30
Morbihan	JERSIAISE	57	374	5,815	329	56.5	228	39.2	557	95.7	26
	PIE ROUGE	680	342	7,328	316	43.2	252	34.4	569	77.6	28
	SIMMENTAL	55	308	6,570	274	41.7	224	34.1	498	75.8	31
	CROSSBRED	690	339	6,866	287	41.8	226	33.0	514	74.8	29
	MONTBELIARDE	671	338	7,430	299	40.2	248	33.3	546	73.5	30
	NORMANDE	990	347	6,294	267	42.4	216	34.3	483	76.7	31
	PRIM'HOLSTEIN	22,273	347	8,561	348	40.7	279	32.6	627	73.3	28

¹Only the breeds with more than 40 results are listed here.



Complete lactations - first lactations per local area and breed (cont.)

Local area	Breed ¹	Number of lactations	Lactation duration days	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg	Calving age months
Moselle	BRUNE	52	333	7,461	325	43.6	261	35.0	586	78.6	32
	CROSSBRED	1,020	334	7,254	298	41.1	238	32.9	536	74.0	32
	MONTBELIARDE	422	331	6,848	280	40.9	228	33.3	508	74.1	34
	PRIM-HOLSTEIN	8,360	346	8,577	345	40.2	279	32.6	624	72.8	30
Nièvre	PRIM-HOLSTEIN	214	362	9,682	372	38.4	307	31.7	678	70.1	31
Nord	BRUNE	71	365	7,839	337	42.9	271	34.6	608	77.6	28
	CROSSBRED	1,545	342	7,606	307	40.3	245	32.3	552	72.6	29
	MONTBELIARDE	481	339	7,450	298	40.0	248	33.4	547	73.4	31
	BLEUE DU NORD	128	304	4,318	160	37.1	135	31.3	295	68.4	35
	ROUGE FLAMANDE	161	337	5,614	222	39.6	185	33.0	407	72.6	32
	PRIM-HOLSTEIN	13,850	353	9,044	366	40.5	291	32.2	657	72.6	28
Oise	CROSSBRED	275	337	7,734	314	40.6	252	32.6	566	73.2	29
	MONTBELIARDE	71	345	6,821	271	39.7	223	32.7	494	72.4	34
	NORMANDE	122	342	7,071	300	42.5	251	35.5	551	78.0	32
	PRIM-HOLSTEIN	2,854	355	8,459	342	40.4	274	32.4	616	72.8	29
Orne	JERSIAISE	58	368	5,372	291	54.2	203	37.8	494	92.0	28
	BRUNE	51	371	6,262	277	44.3	219	35.0	496	79.3	31
	CROSSBRED	1,453	363	7,378	307	41.6	246	33.3	553	74.9	32
	MONTBELIARDE	196	362	7,211	294	40.7	244	33.8	538	74.6	34
	NORMANDE	8,155	350	6,560	281	42.9	229	34.9	510	77.8	33
	PRIM-HOLSTEIN	13,256	360	8,909	367	41.2	293	32.9	660	74.1	30
Pas de Calais	BRUNE	100	358	7,531	323	42.9	264	35.1	587	78.0	30
	CROSSBRED	861	349	8,216	329	40.1	266	32.4	595	72.5	31
	MONTBELIARDE	267	336	7,313	296	40.5	240	32.8	536	73.3	33
	ROUGE FLAMANDE	58	338	4,793	191	39.9	154	32.2	346	72.1	38
	PRIM-HOLSTEIN	12,123	359	9,079	361	39.7	291	32.0	651	71.7	30
Puy de Dôme	ABONDANCE	149	312	5,122	188	36.7	172	33.7	360	70.3	35
	JERSIAISE	78	319	4,367	223	51.2	161	37.0	385	88.1	27
	BRUNE	140	331	6,173	252	40.8	210	34.0	462	74.8	32
	SALERS	46	275	2,441	93	37.9	81	33.0	173	71.0	36
	SIMMENTAL	82	331	6,156	238	38.7	206	33.4	444	72.1	34
	CROSSBRED	869	337	6,389	253	39.6	208	32.6	462	72.2	33
	MONTBELIARDE	3,333	333	6,607	259	39.3	220	33.3	480	72.6	34
	NORMANDE	66	292	4,678	190	40.6	154	33.0	344	73.6	35
PRIM-HOLSTEIN	5,375	355	7,722	303	39.3	247	32.0	551	71.3	32	
Pyrénées Atlantiques	JERSIAISE	43	272	2,556	136	53.0	101	39.5	236	92.5	27
	BRUNE	48	365	7,049	293	41.6	247	35.0	540	76.7	30
	CROSSBRED	160	328	6,879	279	40.6	225	32.7	504	73.3	30
	MONTBELIARDE	254	342	7,128	283	39.7	241	33.7	524	73.5	31
	PRIM-HOLSTEIN	2,741	362	9,483	377	39.8	310	32.6	687	72.4	28

¹Only the breeds with more than 40 results are listed here.



Complete lactations - first lactations per local area and breed (cont.)

Local area	Breed ¹	Number of lactations	Lactation duration days	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg	Calving age months
Hautes Pyrénées	MONTBELIARDE	72	376	7,532	291	38.7	253	33.6	545	72.3	34
	PRIM'HOLSTEIN	610	366	9,573	380	39.7	316	33.0	696	72.7	30
Bas Rhin	JERSIAISE	80	350	5,264	284	54.0	200	38.0	484	92.0	26
	BRUNE	46	337	6,765	292	43.1	235	34.7	527	77.9	31
	SIMMENTAL	280	316	6,626	280	42.3	226	34.1	506	76.4	32
	CROSSBRED	388	330	7,513	312	41.5	247	32.9	559	74.4	31
	MONTBELIARDE	276	345	8,094	332	41.0	275	34.0	607	75.0	32
	PRIM'HOLSTEIN	6,613	346	9,453	381	40.3	312	33.0	692	73.2	29
Haut Rhin	CROSSBRED	306	342	6,784	278	40.9	223	32.8	500	73.8	32
	MONTBELIARDE	1,006	343	7,382	302	40.9	250	33.9	552	74.8	32
	VOSGIENNE	139	288	3,562	137	38.5	115	32.3	252	70.8	36
	PRIM'HOLSTEIN	2,125	354	8,887	357	40.2	289	32.5	646	72.7	30
Rhône	SIMMENTAL	41	321	6,121	248	40.5	203	33.2	452	73.8	36
	CROSSBRED	362	330	6,655	270	40.6	216	32.5	487	73.1	31
	MONTBELIARDE	2,669	337	7,064	283	40.1	235	33.2	518	73.3	32
	PRIM'HOLSTEIN	1,970	356	8,516	348	40.8	276	32.5	624	73.3	29
Haute Saône	CROSSBRED	443	324	6,926	276	39.9	228	32.9	504	72.8	33
	MONTBELIARDE	7,494	332	7,358	291	39.5	249	33.9	540	73.4	34
	PRIM'HOLSTEIN	1,808	346	8,770	347	39.6	287	32.7	635	72.4	32
Saône & Loire	SIMMENTAL	58	338	7,712	318	41.2	262	34.0	580	75.2	31
	CROSSBRED	175	340	7,879	319	40.5	261	33.1	580	73.6	32
	MONTBELIARDE	3,708	349	7,864	318	40.4	268	34.1	586	74.5	33
	PRIM'HOLSTEIN	990	360	9,377	372	39.7	305	32.5	677	72.2	30
Sarthe	JERSIAISE	78	308	4,656	251	53.9	179	38.5	430	92.4	28
	BRUNE	50	349	6,838	301	44.0	240	35.1	541	79.1	31
	SIMMENTAL	43	328	7,676	327	42.6	265	34.5	592	77.1	31
	CROSSBRED	576	362	7,332	307	41.9	246	33.6	554	75.5	33
	MONTBELIARDE	676	347	7,736	317	41.0	263	34.0	580	74.9	33
	NORMANDE	1,996	352	6,749	290	42.9	237	35.1	527	78.0	32
	PRIM'HOLSTEIN	11,158	360	8,961	365	40.8	297	33.2	663	74.0	29
Savoie	ABONDANCE	1,872	306	4,555	166	36.5	149	32.6	315	69.1	37
	TARENDAISE	2,145	298	4,058	151	37.2	132	32.6	283	69.7	36
	CROSSBRED	130	302	4,728	177	37.4	156	32.9	332	70.3	38
	MONTBELIARDE	1,914	326	6,803	262	38.6	230	33.8	493	72.4	34
	PRIM'HOLSTEIN	87	385	9,578	355	37.0	310	32.4	665	69.5	36

¹Only the breeds with more than 40 results are listed here.



Complete lactations - first lactations per local area and breed (cont.)

Local area	Breed ¹	Number of lactations	Lactation duration days	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg	Calving age months
Haute Savoie	ABONDANCE	3,150	305	5,386	197	36.7	181	33.6	378	70.3	36
	TARENDAISE	147	291	4,177	156	37.4	140	33.4	296	70.9	36
	CROSSBRED	85	321	6,436	247	38.4	212	32.9	459	71.4	34
	MONTBELIARDE	6,253	327	7,072	269	38.0	239	33.8	508	71.8	33
	PRIM·HOLSTEIN	567	337	8,741	339	38.7	282	32.3	621	71.1	28
Seine Maritime	PIE ROUGE	260	349	7,338	318	43.3	253	34.5	571	77.8	32
	CROSSBRED	1,877	352	7,432	303	40.8	246	33.0	549	73.9	32
	MONTBELIARDE	371	361	7,811	317	40.5	263	33.7	580	74.2	31
	NORMANDE	3,925	356	6,730	285	42.4	235	34.9	520	77.3	32
	PRIM·HOLSTEIN	9,188	363	8,995	364	40.4	293	32.5	656	73.0	30
Seine & Marne	CROSSBRED	51	312	8,375	334	39.8	272	32.4	605	72.3	28
	PRIM·HOLSTEIN	884	359	9,472	372	39.2	305	32.2	676	71.4	29
Yvelines	CROSSBRED	62	250	6,724	260	38.7	221	32.8	481	71.5	25
	PRIM·HOLSTEIN	317	326	8,886	361	40.6	286	32.2	647	72.8	26
Deux Sèvres	JERSIAISE	109	310	5,179	284	54.8	199	38.4	483	93.2	26
	CROSSBRED	188	353	8,149	342	42.0	277	34.0	619	75.9	30
	MONTBELIARDE	317	344	7,616	300	39.4	259	34.0	559	73.4	33
	NORMANDE	165	356	6,290	256	40.7	215	34.2	471	74.9	31
	PRIM·HOLSTEIN	5,625	364	9,618	394	41.0	321	33.4	715	74.4	29
Somme	CROSSBRED	647	340	8,157	327	40.1	268	32.9	595	72.9	29
	MONTBELIARDE	157	317	6,818	276	40.4	228	33.5	504	73.9	32
	NORMANDE	164	361	7,235	310	42.8	255	35.2	564	78.0	31
	PRIM·HOLSTEIN	7,025	358	9,314	372	40.0	303	32.5	675	72.5	29
Tarn	BRUNE	86	379	6,262	271	43.3	210	33.5	481	76.8	32
	CROSSBRED	172	340	6,504	259	39.9	209	32.1	468	71.9	31
	MONTBELIARDE	126	340	6,202	246	39.7	202	32.5	448	72.2	33
	PRIM·HOLSTEIN	2,073	357	8,262	332	40.2	269	32.6	601	72.8	29
Tarn & Garonne	CROSSBRED	95	342	6,697	300	44.8	219	32.7	519	77.5	32
	MONTBELIARDE	58	353	6,492	266	40.9	213	32.9	479	73.8	35
	PRIM·HOLSTEIN	736	387	8,336	339	40.7	270	32.4	609	73.1	31
Vendée	JERSIAISE	118	342	4,518	240	53.2	168	37.3	409	90.5	26
	BRUNE	66	382	7,933	353	44.5	281	35.4	634	79.9	31
	SIMMENTAL	43	362	8,061	320	39.7	274	34.0	594	73.7	31
	CROSSBRED	473	344	7,006	295	42.1	231	33.0	526	75.1	29
	MONTBELIARDE	639	348	7,880	317	40.3	268	34.0	585	74.3	31
	NORMANDE	628	351	6,749	287	42.6	238	35.3	525	77.8	31
	PRIM·HOLSTEIN	14,723	359	9,235	384	41.6	303	32.8	687	74.4	28

¹Only the breeds with more than 40 results are listed here.



Complete lactations - first lactations per local area and breed (cont.)

Local area	Breed ¹	Number of lactations	Lactation duration days	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg	Calving age months
Vienne	CROSSBRED	144	346	7,675	335	43.6	262	34.2	597	77.8	27
	MONTBELIARDE	80	368	7,155	288	40.2	243	34.0	531	74.2	32
	NORMANDE	43	328	5,714	245	42.8	198	34.6	442	77.4	29
	PRIM'HOLSTEIN	1,532	372	9,231	383	41.5	308	33.4	691	74.9	28
Haute Vienne	CROSSBRED	79	334	6,103	255	41.7	198	32.5	453	74.2	33
	MONTBELIARDE	47	352	6,837	278	40.6	231	33.8	509	74.4	36
	NORMANDE	132	335	5,597	240	42.9	189	33.8	429	76.6	36
	PRIM'HOLSTEIN	961	364	8,851	353	39.9	289	32.6	642	72.5	31
Vosges	BRUNE	46	338	5,974	252	42.1	204	34.1	455	76.2	39
	SIMMENTAL	188	327	6,549	269	41.1	222	33.9	491	75.0	34
	CROSSBRED	828	336	6,811	279	40.9	219	32.2	498	73.1	35
	MONTBELIARDE	2,708	338	7,089	283	39.9	236	33.3	519	73.2	36
	VOSGIENNE	105	283	3,246	125	38.4	103	31.8	228	70.1	38
	PRIM'HOLSTEIN	8,854	345	8,281	328	39.6	267	32.2	595	71.8	33
Yonne	CROSSBRED	201	366	7,739	325	42.0	255	33.0	580	74.9	33
	MONTBELIARDE	211	368	7,491	303	40.5	249	33.3	553	73.8	33
	PRIM'HOLSTEIN	2,103	377	9,430	381	40.4	304	32.3	685	72.7	31
Territoire de Belfort	CROSSBRED	58	348	7,384	303	41.1	245	33.1	548	74.2	33
	MONTBELIARDE	543	329	7,631	311	40.7	262	34.3	572	75.0	31
	PRIM'HOLSTEIN	491	353	8,922	362	40.6	297	33.3	659	73.9	30
Val d'Oise	PRIM'HOLSTEIN	60	362	8,501	329	38.7	273	32.1	602	70.8	28
Réunion	CROSSBRED	118	372	7,583	296	39.1	253	33.3	549	72.4	32
	PRIM'HOLSTEIN	540	394	8,773	333	37.9	288	32.8	620	70.7	31

¹Only the breeds with more than 40 results are listed here.



3.6 - 305-d lactations - all breeds - all lactations

Local area ¹	Number of lactations	Milk yield kg	Fat content kg	Fat % g/kg	True protein kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg
Ain	30,947	7,744	306	39.6	254	32.8	560	72.3
Aisne	15,876	8,268	329	39.8	263	31.8	592	71.5
Allier	3,790	7,820	310	39.7	250	31.9	560	71.6
Alpes Hte Provence	577	5,701	221	38.8	187	32.8	408	71.6
Hautes Alpes	2,282	5,464	211	38.6	174	31.8	384	70.3
Alpes Maritimes	129	4,909	186	37.8	158	32.2	344	70.1
Ardèche	5,204	6,606	261	39.5	213	32.2	474	71.7
Ardennes	11,329	8,117	318	39.1	257	31.6	574	70.7
Ariège	2,452	7,355	290	39.4	236	32.1	526	71.5
Aube	6,159	8,097	318	39.3	256	31.6	574	70.9
Aude	310	6,733	265	39.4	215	31.9	480	71.3
Aveyron	31,424	7,409	296	40.0	237	32.0	534	72.1
Calvados	44,552	7,533	302	40.2	244	32.3	546	72.5
Cantal	43,814	6,560	258	39.3	210	32.0	468	71.3
Charente	4,549	7,298	299	41.0	236	32.4	536	73.4
Charente Maritime	6,057	8,089	322	39.9	258	31.9	580	71.7
Cher	3,092	7,615	311	40.9	244	32.0	555	72.9
Corrèze	4,315	6,855	269	39.3	216	31.5	485	70.8
Côte d'Or	11,514	7,226	288	39.8	237	32.8	524	72.6
Côtes d'Armor	87,807	8,301	334	40.2	263	31.7	597	71.9
Creuse	3,125	7,098	281	39.5	224	31.6	505	71.1
Dordogne	8,305	7,772	312	40.1	247	31.8	559	72.0
Doubs	82,539	6,906	263	38.0	227	32.8	489	70.8
Drôme	2,627	7,447	291	39.0	240	32.2	530	71.2
Eure	12,974	7,798	315	40.4	253	32.4	568	72.9
Eure & Loir	4,196	8,000	330	41.2	262	32.7	591	73.9
Finistère	73,657	7,971	321	40.3	252	31.6	573	71.8
Haute Garonne	5,672	7,773	308	39.6	248	31.9	556	71.5
Gers	884	7,677	300	39.1	241	31.3	541	70.4
Gironde	2,594	7,656	296	38.7	242	31.6	538	70.3
Hérault	83	6,776	252	37.2	211	31.1	463	68.3
Ille & Vilaine	148,710	8,062	327	40.6	259	32.1	586	72.7
Indre	3,508	8,436	338	40.0	272	32.2	609	72.2
Indre & Loire	10,420	8,714	354	40.6	281	32.2	634	72.8
Isère	17,331	7,513	296	39.4	243	32.4	540	71.8
Jura	45,499	6,767	253	37.4	221	32.6	473	70.0
Landes	3,179	8,507	340	40.0	267	31.4	607	71.3
Loir & Cher	7,270	8,345	338	40.5	269	32.2	607	72.7
Loire	33,710	7,597	304	40.0	245	32.3	549	72.3
Haute Loire	36,537	7,008	282	40.3	230	32.8	512	73.0
Loire Atlantique	76,859	8,093	330	40.8	260	32.2	591	73.0
Loiret	4,528	8,230	330	40.1	261	31.7	590	71.7
Lot	7,490	7,638	303	39.7	242	31.7	545	71.4
Lot & Garonne	5,204	7,665	309	40.3	242	31.5	551	71.8
Lozère	7,225	6,077	236	38.8	196	32.3	432	71.1
Maine & Loire	55,005	8,293	346	41.7	271	32.6	616	74.3
Manche	117,143	7,590	307	40.4	248	32.6	555	73.1

¹Only the local areas which count up more than 40 results are listed here.



305-d lactations - all breeds - all lactations (cont.)

Local area ¹	Number of lactations	Milk yield kg	Fat content kg	Fat % g/kg	True protein kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg
Marne	3,570	8,539	327	38.3	270	31.6	597	69.9
Haute Marne	22,582	8,087	318	39.3	263	32.5	581	71.8
Mayenne	99,943	7,900	326	41.3	258	32.7	584	74.0
Meurthe & Moselle	21,163	8,009	316	39.4	249	31.1	565	70.5
Meuse	22,539	8,536	332	38.9	268	31.5	601	70.4
Morbihan	78,918	8,431	341	40.5	270	32.1	612	72.5
Moselle	28,451	8,141	325	39.9	259	31.8	583	71.7
Nièvre	824	8,168	311	38.1	253	31.0	565	69.1
Nord	43,350	8,396	336	40.0	264	31.5	600	71.5
Oise	8,937	7,947	318	40.1	252	31.7	570	71.8
Orne	64,611	7,582	313	41.3	249	32.9	562	74.1
Pas de Calais	35,284	8,458	333	39.3	265	31.3	598	70.7
Puy de Dôme	34,652	6,732	262	39.0	215	32.0	477	70.9
Pyrénées Atlantiques	9,987	8,481	333	39.2	269	31.8	602	71.0
Hautes Pyrénées	2,314	8,253	324	39.2	264	31.9	587	71.2
Pyrénées Orientales	161	6,107	239	39.1	193	31.7	432	70.8
Bas Rhin	22,045	8,896	355	39.9	286	32.1	640	72.0
Haut Rhin	11,709	7,583	303	39.9	244	32.1	546	72.1
Rhône	18,904	7,314	292	40.0	236	32.3	528	72.2
Haute Saône	30,570	7,461	290	38.9	245	32.9	536	71.8
Saône & Loire	15,253	7,636	303	39.7	252	33.0	555	72.7
Sarthe	38,530	8,052	327	40.6	263	32.6	590	73.2
Savoie	23,010	5,287	195	36.8	172	32.5	367	69.3
Haute Savoie	36,057	6,736	249	37.0	221	32.9	470	69.8
Seine Maritime	42,593	7,644	309	40.4	247	32.3	556	72.7
Seine & Marne	2,601	8,877	347	39.0	278	31.3	624	70.3
Yvelines	1,244	8,462	340	40.2	269	31.7	609	72.0
Deux Sèvres	18,422	8,796	355	40.4	286	32.5	642	72.9
Somme	20,707	8,560	339	39.6	272	31.7	611	71.4
Tarn	8,166	7,546	299	39.7	238	31.6	538	71.3
Tarn & Garonne	3,020	7,080	285	40.3	222	31.3	507	71.6
Vendée	45,638	8,508	350	41.1	273	32.1	622	73.1
Vienne	5,239	8,334	340	40.8	270	32.4	610	73.2
Haute Vienne	3,938	7,450	296	39.8	238	32.0	535	71.8
Vosges	37,886	7,558	298	39.4	240	31.7	538	71.1
Yonne	7,431	8,216	327	39.9	258	31.4	586	71.3
Territoire de Belfort	3,455	7,862	315	40.1	259	32.9	574	73.0
Val d'Oise	164	8,221	310	37.8	259	31.5	569	69.3
Réunion	2,196	7,066	266	37.7	226	31.9	492	69.6

¹Only the local areas which count up more than 40 results are listed here.



3.7 - 305-d lactations - all lactations per local area and breed

Local area	Breed ¹	Number of lactations	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg
Ain	ABONDANCE	50	5,108	186	36.4	170	33.2	356	69.6
	JERSIAISE	81	4,098	220	53.8	156	38.0	376	91.8
	BRUNE	151	7,823	321	41.0	266	34.0	587	75.0
	SIMMENTAL	655	6,084	239	39.2	203	33.3	441	72.5
	CROSSBRED	1,977	7,795	312	40.0	253	32.5	565	72.5
	MONTBELIARDE	21,386	7,452	294	39.4	247	33.2	541	72.6
	PRIM'HOLSTEIN	6,595	8,924	354	39.7	283	31.7	637	71.4
Aisne	JERSIAISE	55	6,634	355	53.5	249	37.5	604	91.0
	SIMMENTAL	74	5,372	216	40.3	178	33.1	394	73.4
	CROSSBRED	1,431	7,323	298	40.7	235	32.1	533	72.8
	MONTBELIARDE	512	7,035	285	40.5	232	33.0	517	73.5
	NORMANDE	379	5,200	212	40.7	172	33.1	384	73.8
	PRIM'HOLSTEIN	13,374	8,532	338	39.6	270	31.6	608	71.3
Allier	BRUNE	58	5,242	214	40.9	173	33.0	387	73.9
	CROSSBRED	186	6,642	264	39.7	212	31.9	475	71.6
	MONTBELIARDE	448	5,868	235	40.0	197	33.6	432	73.6
	NORMANDE	216	6,144	257	41.9	206	33.5	463	75.4
	PRIM'HOLSTEIN	2,876	8,385	331	39.5	265	31.7	597	71.1
Alpes Hte Provence	ABONDANCE	49	4,817	181	37.6	159	33.0	340	70.5
	JERSIAISE	44	4,722	230	48.7	176	37.2	405	85.9
	CROSSBRED	42	5,148	196	38.0	167	32.4	362	70.3
	MONTBELIARDE	384	6,102	233	38.1	199	32.6	431	70.7
Hautes Alpes	ABONDANCE	325	4,504	165	36.7	146	32.3	311	69.0
	TARENDAISE	261	4,099	156	38.1	133	32.3	289	70.4
	CROSSBRED	180	5,264	203	38.5	166	31.5	369	70.0
	MONTBELIARDE	1,078	5,629	217	38.6	180	32.0	397	70.6
	PRIM'HOLSTEIN	374	7,006	274	39.2	215	30.7	490	69.9
Alpes Maritimes	ABONDANCE	97	4,574	174	37.9	149	32.5	322	70.5
Ardèche	ABONDANCE	425	5,464	207	37.9	179	32.8	387	70.8
	BRUNE	53	6,122	272	44.5	211	34.5	484	79.0
	CROSSBRED	384	5,970	240	40.1	193	32.3	432	72.4
	MONTBELIARDE	3,521	6,481	257	39.6	210	32.4	466	72.0
	PRIM'HOLSTEIN	785	8,214	324	39.4	256	31.2	580	70.6
Ardennes	JERSIAISE	84	4,425	234	52.9	169	38.1	402	91.0
	CROSSBRED	1,327	6,952	275	39.5	222	31.9	497	71.4
	MONTBELIARDE	395	6,625	264	39.9	215	32.5	479	72.4
	NORMANDE	54	5,432	222	40.8	178	32.8	400	73.6
	PRIM'HOLSTEIN	9,435	8,400	327	39.0	265	31.5	592	70.5

¹Only the breeds with more than 40 results are listed here.



305-d lactations - all lactations per local area and breed (cont.)

Local area	Breed ¹	Number of lactations	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg
Ariège	JERSIAISE	48	5,268	259	49.2	190	36.0	449	85.2
	BRUNE	446	6,804	282	41.5	234	34.4	516	75.9
	CROSSBRED	135	6,328	246	38.9	200	31.5	446	70.4
	MONTBELIARDE	243	5,654	219	38.8	182	32.2	401	71.0
	PRIM·HOLSTEIN	1,548	8,003	311	38.8	252	31.5	562	70.3
Aube	JERSIAISE	59	5,239	261	49.8	197	37.7	458	87.5
	BRUNE	295	7,579	306	40.3	259	34.2	565	74.5
	SIMMENTAL	51	5,229	220	42.0	176	33.7	396	75.7
	CROSSBRED	367	7,507	293	39.0	241	32.1	534	71.2
	MONTBELIARDE	297	7,333	281	38.3	240	32.7	521	71.1
	PRIM·HOLSTEIN	5,078	8,280	325	39.3	259	31.3	584	70.5
Aude	BRUNE	54	5,877	239	40.6	198	33.8	437	74.4
	CROSSBRED	41	6,573	265	40.3	217	33.0	482	73.4
	PRIM·HOLSTEIN	181	7,386	290	39.3	230	31.2	520	70.5
Aveyron	ABONDANCE	81	4,817	181	37.6	160	33.3	341	70.9
	AUBRAC	111	2,377	93	39.3	81	33.9	174	73.2
	JERSIAISE	90	4,378	218	49.9	157	35.7	375	85.6
	PIE ROUGE	77	7,511	319	42.5	249	33.2	568	75.6
	BRUNE	2,209	6,751	285	42.3	231	34.2	516	76.5
	SIMMENTAL	3,023	5,657	221	39.1	189	33.4	410	72.5
	CROSSBRED	1,133	6,553	264	40.2	210	32.1	474	72.3
	MONTBELIARDE	3,605	6,453	254	39.4	211	32.7	465	72.1
	NORMANDE	58	4,680	193	41.2	159	33.9	351	75.1
PRIM·HOLSTEIN	21,003	8,006	320	40.0	253	31.6	573	71.5	
Calvados	JERSIAISE	468	5,144	302	58.6	204	39.6	505	98.2
	BRUNE	81	6,475	267	41.2	219	33.8	485	74.9
	CROSSBRED	4,176	6,515	262	40.3	210	32.2	472	72.5
	MONTBELIARDE	597	6,703	265	39.5	222	33.1	487	72.6
	NORMANDE	9,735	5,934	245	41.3	203	34.2	448	75.5
	PRIM·HOLSTEIN	29,446	8,265	328	39.7	263	31.8	591	71.5
Cantal	ABONDANCE	549	4,899	184	37.5	161	32.9	345	70.5
	JERSIAISE	274	4,236	219	51.8	157	37.0	376	88.8
	PIE ROUGE	149	6,196	255	41.2	199	32.1	454	73.3
	BRUNE	1,060	5,862	244	41.7	198	33.7	442	75.4
	SALERS	637	2,341	78	33.2	77	32.8	154	65.9
	SIMMENTAL	1,011	4,940	193	39.2	165	33.5	359	72.6
	CROSSBRED	3,281	5,991	235	39.2	191	31.8	425	71.0
	MONTBELIARDE	16,624	6,239	241	38.7	204	32.7	445	71.4
	NORMANDE	191	5,403	220	40.7	181	33.6	401	74.3
PRIM·HOLSTEIN	19,990	7,274	288	39.5	228	31.4	516	70.9	

¹Only the breeds with more than 40 results are listed here.



305-d lactations - all lactations per local area and breed (cont.)

Local area	Breed ¹	Number of lactations	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg
Charente	JERSIAISE	287	5,166	280	54.1	193	37.4	473	91.5
	CROSSBRED	323	6,423	274	42.6	210	32.7	484	75.4
	MONTBELIARDE	401	6,609	263	39.7	217	32.8	480	72.6
	NORMANDE	489	5,394	229	42.5	187	34.7	416	77.2
	PRIM'HOLSTEIN	3,012	8,017	321	40.0	254	31.7	575	71.8
Charente Maritime	JERSIAISE	50	4,114	219	53.4	156	38.0	376	91.3
	PIE ROUGE	81	7,671	318	41.4	256	33.4	574	74.8
	BRUNE	46	4,599	181	39.3	148	32.2	329	71.5
	CROSSBRED	318	6,737	268	39.8	213	31.7	482	71.5
	MONTBELIARDE	341	6,812	274	40.2	225	33.0	498	73.1
	NORMANDE	260	6,037	252	41.7	208	34.5	460	76.2
	PRIM'HOLSTEIN	4,960	8,451	335	39.7	267	31.7	603	71.3
Cher	JERSIAISE	87	4,599	263	57.1	185	40.3	448	97.4
	CROSSBRED	470	7,205	300	41.7	235	32.6	535	74.3
	MONTBELIARDE	77	5,560	229	41.1	177	31.8	405	72.9
	PRIM'HOLSTEIN	2,403	7,910	319	40.4	251	31.7	570	72.1
Corrèze	BRUNE	58	6,430	258	40.1	219	34.0	477	74.1
	CROSSBRED	246	6,246	247	39.5	199	31.9	446	71.5
	MONTBELIARDE	599	5,809	223	38.3	187	32.1	409	70.5
	PRIM'HOLSTEIN	3,325	7,151	281	39.3	224	31.3	505	70.6
Côte d'Or	ABONDANCE	65	4,931	180	36.4	161	32.6	340	69.0
	BRUNE	2,674	7,363	305	41.4	251	34.2	556	75.6
	SIMMENTAL	1,437	6,834	274	40.1	228	33.3	502	73.5
	CROSSBRED	482	6,640	261	39.3	212	32.0	473	71.3
	MONTBELIARDE	3,812	6,973	273	39.1	229	32.9	502	72.0
	PRIM'HOLSTEIN	3,024	7,768	304	39.1	244	31.4	548	70.5
Côtes d'Armor	JERSIAISE	115	4,605	268	58.2	182	39.6	450	97.8
	PIE ROUGE	1,236	7,229	307	42.5	238	33.0	545	75.5
	BRUNE	286	6,764	301	44.5	229	33.8	530	78.3
	SIMMENTAL	79	5,893	239	40.6	191	32.4	430	73.0
	CROSSBRED	2,692	7,309	298	40.8	233	31.9	531	72.7
	MONTBELIARDE	2,185	7,181	288	40.1	233	32.5	521	72.6
	NORMANDE	5,968	6,361	266	41.8	217	34.1	483	75.9
	PRIM'HOLSTEIN	75,210	8,558	343	40.0	270	31.5	612	71.6
Creuse	CROSSBRED	223	6,102	237	38.8	192	31.4	428	70.2
	MONTBELIARDE	259	5,988	237	39.6	196	32.7	433	72.3
	NORMANDE	119	4,884	203	41.5	163	33.4	365	74.8
	PRIM'HOLSTEIN	2,520	7,407	293	39.5	233	31.5	526	71.0

¹Only the breeds with more than 40 results are listed here.



305-d lactations - all lactations per local area and breed (cont.)

Local area	Breed ¹	Number of lactations	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg
Dordogne	BRUNE	75	5,942	249	42.0	199	33.5	448	75.5
	CROSSBRED	489	6,669	270	40.5	213	31.9	483	72.4
	MONTBELIARDE	789	6,683	268	40.1	220	32.9	488	73.0
	NORMANDE	145	5,288	214	40.4	175	33.1	389	73.6
	PRIM-HOLSTEIN	6,775	8,060	323	40.0	255	31.7	578	71.7
Doubs	BRUNE	54	7,285	307	42.2	251	34.5	559	76.7
	SIMMENTAL	190	6,396	251	39.2	210	32.8	461	72.0
	CROSSBRED	1,052	7,264	287	39.5	232	31.9	519	71.5
	MONTBELIARDE	79,625	6,872	261	38.0	226	32.9	487	70.8
	PRIM-HOLSTEIN	1,580	8,537	332	38.9	270	31.6	603	70.6
Drôme	TARENTEISE	42	4,593	169	36.8	150	32.6	319	69.5
	CROSSBRED	104	6,592	250	38.0	210	31.8	460	69.8
	MONTBELIARDE	1,510	6,698	260	38.8	216	32.2	476	71.0
	PRIM-HOLSTEIN	912	9,112	359	39.4	293	32.2	652	71.6
Eure	JERSIAISE	43	4,654	263	56.4	176	37.8	438	94.2
	CROSSBRED	1,261	7,045	284	40.4	231	32.7	515	73.1
	MONTBELIARDE	212	6,949	279	40.2	231	33.3	510	73.5
	NORMANDE	2,440	6,111	253	41.4	209	34.2	462	75.6
	PRIM-HOLSTEIN	8,984	8,399	338	40.2	269	32.0	606	72.2
Eure & Loir	JERSIAISE	147	5,787	309	53.4	218	37.7	528	91.2
	BRUNE	77	6,715	288	42.9	237	35.3	525	78.1
	CROSSBRED	95	6,826	275	40.2	223	32.7	498	72.9
	MONTBELIARDE	46	6,777	277	40.9	229	33.8	506	74.6
	NORMANDE	1,013	6,414	269	42.0	221	34.5	490	76.5
	PRIM-HOLSTEIN	2,810	8,795	357	40.6	282	32.0	638	72.6
Finistère	JERSIAISE	446	4,301	245	56.9	166	38.7	411	95.6
	PIE ROUGE	1,433	7,491	320	42.8	247	33.0	568	75.8
	BRUNE	305	6,386	275	43.1	212	33.2	487	76.3
	CROSSBRED	3,346	6,717	276	41.2	215	32.1	492	73.2
	MONTBELIARDE	700	6,735	274	40.7	219	32.5	493	73.2
	NORMANDE	1,984	5,940	247	41.7	201	33.8	448	75.4
	PRIM-HOLSTEIN	65,390	8,155	327	40.1	256	31.4	583	71.5
Haute Garonne	ABONDANCE	122	3,271	119	36.5	106	32.5	226	69.0
	JERSIAISE	52	4,620	242	52.3	177	38.3	418	90.6
	BRUNE	119	7,640	331	43.4	258	33.8	590	77.2
	CROSSBRED	258	6,691	269	40.3	216	32.3	485	72.5
	MONTBELIARDE	808	6,666	263	39.5	221	33.2	485	72.7
	PRIM-HOLSTEIN	4,295	8,226	325	39.5	260	31.6	585	71.1

¹Only the breeds with more than 40 results are listed here.



305-d lactations - all lactations per local area and breed (cont.)

Local area	Breed ¹	Number of lactations	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg
Gers	CROSSBRED	110	6,077	239	39.4	197	32.4	436	71.8
	NORMANDE	43	4,849	188	38.8	164	33.7	352	72.6
	PRIM·HOLSTEIN	686	8,218	320	38.9	255	31.0	575	69.9
Gironde	CROSSBRED	185	5,740	226	39.3	186	32.3	411	71.7
	MONTBELIARDE	83	5,855	232	39.6	192	32.7	423	72.3
	PRIM·HOLSTEIN	2,261	7,957	307	38.6	251	31.6	558	70.1
Hérault	PRIM·HOLSTEIN	56	6,867	255	37.1	209	30.4	464	67.5
Ille & Vilaine	JERSIAISE	684	4,371	238	54.4	166	38.0	404	92.5
	PIE ROUGE	955	7,226	315	43.5	243	33.6	557	77.1
	BRUNE	312	6,843	298	43.5	234	34.3	532	77.7
	BRETONNE PIE NOIRE	72	2,656	113	42.7	89	33.6	203	76.3
	SIMMENTAL	135	5,426	228	42.1	176	32.5	405	74.6
	CROSSBRED	7,089	6,848	281	41.1	221	32.3	503	73.4
	MONTBELIARDE	5,091	7,057	284	40.2	232	32.9	516	73.2
	NORMANDE	11,944	6,299	264	41.9	215	34.1	479	76.0
	PRIM·HOLSTEIN	122,388	8,384	339	40.4	267	31.9	606	72.3
Indre	CROSSBRED	187	8,008	326	40.7	263	32.8	589	73.5
	MONTBELIARDE	65	7,067	280	39.6	237	33.6	517	73.1
	PRIM·HOLSTEIN	3,169	8,595	343	39.9	276	32.1	619	72.0
Indre & Loire	CROSSBRED	519	7,136	296	41.5	230	32.3	526	73.7
	MONTBELIARDE	475	7,369	300	40.8	242	32.8	542	73.6
	NORMANDE	205	6,589	281	42.7	228	34.6	509	77.3
	PRIM·HOLSTEIN	9,153	8,939	362	40.5	287	32.1	649	72.6
Isère	ABONDANCE	412	5,444	199	36.5	176	32.4	375	68.9
	JERSIAISE	63	4,395	228	51.9	161	36.6	389	88.4
	BRUNE	80	5,813	237	40.8	193	33.2	430	74.0
	TARENNAISE	54	4,003	154	38.6	132	33.0	287	71.6
	SIMMENTAL	344	6,811	284	41.7	224	32.9	508	74.6
	CROSSBRED	1,065	7,265	287	39.6	236	32.4	523	72.0
	MONTBELIARDE	10,659	7,298	288	39.4	239	32.8	527	72.2
	VILLARD DE LANS	42	3,124	123	39.4	101	32.4	224	71.8
	PRIM·HOLSTEIN	4,595	8,471	333	39.4	267	31.6	601	70.9
Jura	SIMMENTAL	998	5,967	238	39.8	198	33.3	436	73.1
	CROSSBRED	614	6,420	248	38.6	210	32.7	458	71.3
	MONTBELIARDE	43,205	6,764	252	37.3	221	32.6	473	69.9
	PRIM·HOLSTEIN	628	8,689	336	38.7	274	31.5	610	70.2
Landes	CROSSBRED	122	6,803	275	40.4	215	31.5	490	72.0
	PRIM·HOLSTEIN	2,993	8,612	344	39.9	270	31.3	613	71.2

¹Only the breeds with more than 40 results are listed here.



305-d lactations - all lactations per local area and breed (cont.)

Local area	Breed ¹	Number of lactations	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg
Loir & Cher	CROSSBRED	121	7,601	319	42.0	250	32.9	569	74.8
	MONTBELIARDE	119	8,189	333	40.7	274	33.5	608	74.2
	NORMANDE	957	6,293	264	41.9	213	33.9	477	75.8
	PRIM'HOLSTEIN	6,008	8,710	351	40.3	279	32.0	629	72.3
Loire	ABONDANCE	155	5,319	201	37.8	178	33.4	379	71.2
	JERSIAISE	97	4,384	238	54.3	167	38.0	405	92.4
	BRUNE	236	6,454	277	43.0	220	34.1	498	77.1
	SIMMENTAL	285	7,022	286	40.7	235	33.5	521	74.2
	CROSSBRED	1,712	6,904	278	40.3	222	32.2	501	72.5
	MONTBELIARDE	15,191	7,114	284	39.9	235	33.1	519	73.0
	NORMANDE	78	5,966	240	40.2	201	33.8	441	74.0
	PRIM'HOLSTEIN	15,924	8,215	328	40.0	259	31.5	587	71.5
Haute Loire	ABONDANCE	767	5,193	197	37.8	173	33.3	370	71.2
	BRUNE	213	5,999	254	42.3	204	34.0	458	76.3
	TARENTEAISE	129	5,271	215	40.7	182	34.5	397	75.2
	SIMMENTAL	41	5,713	236	41.3	190	33.3	426	74.6
	CROSSBRED	2,242	6,677	273	41.0	218	32.6	491	73.6
	MONTBELIARDE	24,397	6,837	275	40.2	226	33.1	501	73.3
	PRIM'HOLSTEIN	8,688	7,812	317	40.6	249	31.8	565	72.4
Loire Atlantique	JERSIAISE	383	4,192	228	54.5	158	37.6	386	92.1
	PIE ROUGE	301	8,130	364	44.7	283	34.8	646	79.5
	BRUNE	221	6,180	264	42.7	206	33.3	470	76.0
	BRETONNE PIE NOIRE	73	2,656	119	45.0	87	32.8	207	77.8
	SIMMENTAL	310	5,558	228	41.1	187	33.6	415	74.7
	CROSSBRED	2,758	6,591	273	41.4	213	32.3	486	73.7
	MONTBELIARDE	2,871	7,275	292	40.2	239	32.9	531	73.0
	NORMANDE	5,768	6,248	260	41.6	212	34.0	472	75.5
	PRIM'HOLSTEIN	64,154	8,409	342	40.7	269	32.0	611	72.7
Loiret	CROSSBRED	352	7,476	296	39.5	237	31.7	533	71.2
	MONTBELIARDE	208	7,086	283	40.0	230	32.5	513	72.5
	NORMANDE	76	5,846	245	42.0	200	34.1	445	76.1
	PRIM'HOLSTEIN	3,856	8,430	337	40.0	266	31.6	603	71.6
Lot	BRUNE	76	6,169	267	43.3	210	34.0	477	77.2
	CROSSBRED	561	6,503	261	40.1	208	32.0	469	72.1
	MONTBELIARDE	811	6,972	275	39.4	228	32.8	503	72.1
	PRIM'HOLSTEIN	6,008	7,871	312	39.7	248	31.5	560	71.2
Lot & Garonne	JERSIAISE	57	5,394	279	51.7	200	37.0	479	88.8
	CROSSBRED	603	6,939	288	41.4	222	32.0	509	73.4
	MONTBELIARDE	110	6,460	262	40.5	214	33.1	476	73.6
	NORMANDE	167	5,226	217	41.6	178	34.0	395	75.6
	PRIM'HOLSTEIN	4,216	7,953	318	40.0	249	31.3	567	71.3

¹Only the breeds with more than 40 results are listed here.



305-d lactations - all lactations per local area and breed (cont.)

Local area	Breed ¹	Number of lactations	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg
Lozère	ABONDANCE	272	4,677	178	38.0	153	32.8	331	70.8
	BRUNE	723	6,016	245	40.8	199	33.1	444	73.9
	SIMMENTAL	616	5,338	210	39.3	181	34.0	391	73.2
	CROSSBRED	125	5,600	213	38.0	176	31.4	388	69.4
	MONTBELIARDE	4,418	6,084	234	38.4	197	32.3	430	70.7
	PRIM'HOLSTEIN	1,014	7,095	279	39.3	218	30.7	497	70.0
Maine & Loire	JERSIAISE	2,336	4,839	270	55.7	188	38.8	458	94.6
	BRUNE	543	7,514	331	44.1	263	35.0	594	79.1
	SIMMENTAL	186	6,360	266	41.9	210	32.9	476	74.8
	CROSSBRED	1,950	7,438	314	42.3	245	33.0	560	75.3
	MONTBELIARDE	3,322	7,197	291	40.4	239	33.2	530	73.6
	NORMANDE	2,747	6,322	272	43.0	219	34.6	490	77.5
	PRIM'HOLSTEIN	43,901	8,739	360	41.2	282	32.3	643	73.5
Manche	JERSIAISE	1,269	4,242	241	56.9	164	38.5	405	95.5
	PIE ROUGE	294	7,344	312	42.4	241	32.9	553	75.3
	BRUNE	345	6,709	285	42.5	229	34.2	514	76.6
	SIMMENTAL	64	6,012	258	43.0	204	33.9	462	76.9
	CROSSBRED	9,207	6,945	282	40.5	226	32.6	508	73.1
	MONTBELIARDE	1,212	7,283	292	40.1	241	33.1	533	73.2
	NORMANDE	34,765	6,215	260	41.8	213	34.3	473	76.2
	PRIM'HOLSTEIN	69,979	8,432	335	39.8	269	32.0	605	71.7
Marne	CROSSBRED	170	7,631	293	38.4	244	32.0	538	70.5
	MONTBELIARDE	41	6,868	268	39.0	227	33.1	495	72.1
	PRIM'HOLSTEIN	3,280	8,671	331	38.2	273	31.5	604	69.7
Haute Marne	JERSIAISE	238	4,866	260	53.4	184	37.9	444	91.3
	BRUNE	644	6,957	291	41.8	237	34.1	528	75.9
	SIMMENTAL	2,043	6,988	280	40.1	236	33.7	516	73.9
	CROSSBRED	1,171	7,316	295	40.3	240	32.8	535	73.2
	MONTBELIARDE	5,759	7,483	296	39.6	250	33.5	547	73.1
	NORMANDE	44	6,185	260	42.0	213	34.4	473	76.4
	PRIM'HOLSTEIN	12,661	8,741	339	38.8	278	31.8	617	70.6
Mayenne	JERSIAISE	915	5,112	291	56.9	196	38.3	487	95.2
	BRUNE	343	7,288	309	42.4	249	34.2	558	76.6
	SIMMENTAL	283	6,717	287	42.8	221	32.9	508	75.6
	CROSSBRED	4,812	7,184	298	41.5	236	32.9	535	74.4
	MONTBELIARDE	4,978	7,231	291	40.3	241	33.4	533	73.6
	NORMANDE	19,221	6,423	270	42.1	222	34.5	492	76.6
	PRIM'HOLSTEIN	69,303	8,455	347	41.0	272	32.2	619	73.2

¹Only the breeds with more than 40 results are listed here.



305-d lactations - all lactations per local area and breed (cont.)

Local area	Breed ¹	Number of lactations	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg
Meurthe & Moselle	JERSIAISE	109	4,691	234	49.9	171	36.5	405	86.4
	BRUNE	169	7,152	299	41.7	243	34.0	542	75.7
	SIMMENTAL	57	6,211	249	40.1	201	32.3	450	72.4
	CROSSBRED	1,721	7,064	282	39.9	224	31.7	505	71.5
	MONTBELIARDE	1,035	6,538	263	40.3	210	32.2	474	72.5
	PRIM'HOLSTEIN	18,040	8,222	323	39.3	254	30.9	577	70.2
Meuse	JERSIAISE	42	5,886	297	50.5	214	36.3	511	86.8
	BRUNE	195	7,350	308	41.9	245	33.4	553	75.3
	SIMMENTAL	281	7,610	312	41.0	255	33.5	567	74.5
	CROSSBRED	1,047	7,450	299	40.1	238	31.9	536	72.0
	MONTBELIARDE	777	6,712	263	39.2	216	32.2	480	71.4
	NORMANDE	40	5,752	230	39.9	190	33.1	420	73.0
	PRIM'HOLSTEIN	20,149	8,698	338	38.8	273	31.4	610	70.2
Morbihan	JERSIAISE	163	5,306	293	55.2	203	38.2	496	93.4
	PIE ROUGE	2,328	7,764	331	42.6	261	33.6	592	76.2
	BRETONNE PIE NOIRE	55	2,582	108	42.0	81	31.3	189	73.3
	SIMMENTAL	177	7,048	290	41.2	238	33.8	528	74.9
	CROSSBRED	1,984	7,078	293	41.4	231	32.6	524	74.0
	MONTBELIARDE	2,316	7,464	295	39.5	245	32.8	540	72.4
	NORMANDE	3,042	6,163	259	42.0	210	34.0	468	76.0
	PRIM'HOLSTEIN	68,805	8,643	349	40.4	276	31.9	625	72.3
Moselle	BRUNE	158	7,570	318	42.0	257	33.9	575	76.0
	SIMMENTAL	123	6,268	257	41.0	209	33.3	465	74.2
	CROSSBRED	3,020	7,241	293	40.4	233	32.2	525	72.6
	MONTBELIARDE	1,364	6,730	270	40.1	220	32.6	489	72.7
	PRIM'HOLSTEIN	23,700	8,361	333	39.8	265	31.7	597	71.5
Nièvre	CROSSBRED	62	6,200	246	39.7	195	31.5	441	71.1
	MONTBELIARDE	81	6,150	240	39.1	196	31.8	436	70.9
	PRIM'HOLSTEIN	670	8,646	328	37.9	267	30.9	595	68.8
Nord	JERSIAISE	67	5,228	270	51.7	188	35.9	458	87.6
	BRUNE	183	7,529	319	42.4	257	34.2	576	76.5
	SIMMENTAL	46	5,555	228	41.1	173	31.2	402	72.3
	CROSSBRED	4,192	7,340	293	40.0	233	31.7	526	71.7
	MONTBELIARDE	1,416	7,146	283	39.7	234	32.7	517	72.4
	BLEUE DU NORD	494	4,647	172	37.0	144	30.9	316	67.9
	NORMANDE	73	5,415	219	40.4	177	32.6	395	73.0
	ROUGE FLAMANDE	428	5,489	214	39.0	178	32.4	392	71.4
	PRIM'HOLSTEIN	36,367	8,676	347	40.0	272	31.4	619	71.4

¹Only the breeds with more than 40 results are listed here.



305-d lactations - all lactations per local area and breed (cont.)

Local area	Breed ¹	Number of lactations	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg
Oise	CROSSBRED	648	7,538	303	40.2	243	32.2	546	72.4
	MONTBELIARDE	229	6,644	261	39.3	215	32.4	476	71.7
	NORMANDE	312	6,690	278	41.5	233	34.8	510	76.3
	PRIM'HOLSTEIN	7,711	8,080	323	40.0	255	31.6	578	71.6
Orne	JERSIAISE	249	5,046	277	54.9	190	37.7	467	92.5
	BRUNE	179	6,259	274	43.8	215	34.3	489	78.1
	CROSSBRED	3,851	6,852	281	41.1	224	32.7	505	73.7
	MONTBELIARDE	690	6,733	270	40.1	224	33.2	494	73.3
	NORMANDE	22,678	6,251	264	42.2	215	34.5	479	76.7
	PRIM'HOLSTEIN	36,901	8,518	348	40.8	273	32.1	621	72.9
Pas de Calais	JERSIAISE	46	5,996	325	54.2	225	37.5	550	91.8
	BRUNE	269	7,176	302	42.0	245	34.2	547	76.2
	CROSSBRED	2,334	7,759	308	39.7	247	31.8	555	71.5
	MONTBELIARDE	696	7,083	283	39.9	229	32.4	512	72.2
	NORMANDE	108	6,147	255	41.5	202	32.9	457	74.4
	ROUGE FLAMANDE	163	4,659	184	39.6	146	31.4	331	71.0
	PRIM'HOLSTEIN	31,631	8,586	337	39.3	268	31.3	606	70.5
Puy de Dôme	ABONDANCE	639	5,332	196	36.7	178	33.4	374	70.1
	JERSIAISE	268	4,485	229	51.1	168	37.4	397	88.4
	BRUNE	452	6,117	248	40.6	206	33.7	455	74.3
	SALERS	233	2,811	100	35.5	90	32.1	190	67.6
	SIMMENTAL	272	5,861	226	38.6	194	33.1	420	71.6
	CROSSBRED	2,936	6,133	240	39.1	197	32.1	436	71.2
	MONTBELIARDE	12,436	6,467	251	38.8	212	32.8	463	71.6
	NORMANDE	238	4,837	193	39.9	158	32.6	351	72.5
PRIM'HOLSTEIN	17,102	7,239	282	38.9	226	31.3	508	70.2	
Pyrénées Atlantiques	JERSIAISE	72	3,101	166	53.5	119	38.5	285	92.0
	PIE ROUGE	48	6,663	280	42.1	221	33.1	501	75.2
	BRUNE	183	6,710	269	40.2	227	33.8	496	73.9
	CROSSBRED	421	6,818	275	40.3	220	32.2	494	72.5
	MONTBELIARDE	968	7,150	280	39.2	235	32.8	515	72.1
	NORMANDE	42	5,337	219	41.0	188	35.2	406	76.1
	PRIM'HOLSTEIN	8,247	8,838	346	39.1	279	31.6	625	70.7
Hautes Pyrénées	BRUNE	79	5,978	247	41.3	204	34.2	451	75.5
	CROSSBRED	92	6,426	247	38.5	202	31.4	449	69.9
	MONTBELIARDE	263	6,597	255	38.7	215	32.5	470	71.2
	PRIM'HOLSTEIN	1,868	8,690	341	39.2	276	31.8	617	71.1
Pyrénées Orientales	MONTBELIARDE	41	4,998	205	41.0	155	30.9	360	72.0
	PRIM'HOLSTEIN	98	6,917	265	38.3	219	31.7	484	70.0

¹Only the breeds with more than 40 results are listed here.



305-d lactations - all lactations per local area and breed (cont.)

Local area	Breed ¹	Number of lactations	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg
Bas Rhin	JERSIAISE	214	4,849	262	54.1	183	37.7	445	91.8
	BRUNE	97	6,740	285	42.2	227	33.7	512	75.9
	SIMMENTAL	927	6,846	281	41.0	229	33.5	510	74.5
	CROSSBRED	1,165	7,712	312	40.5	248	32.1	560	72.6
	MONTBELIARDE	987	7,642	306	40.1	253	33.1	559	73.2
	VOSGIENNE	118	3,919	145	36.9	120	30.7	265	67.6
	PRIM'HOLSTEIN	18,501	9,234	367	39.7	295	32.0	662	71.7
Haut Rhin	JERSIAISE	77	4,320	223	51.7	163	37.7	386	89.4
	BRUNE	102	5,818	243	41.8	194	33.3	437	75.0
	SIMMENTAL	90	5,196	211	40.6	173	33.3	384	73.9
	CROSSBRED	1,030	6,636	268	40.4	214	32.2	482	72.6
	MONTBELIARDE	3,514	7,211	290	40.2	238	33.1	528	73.3
	VOSGIENNE	557	4,161	156	37.5	131	31.5	287	69.0
	PRIM'HOLSTEIN	6,284	8,380	333	39.7	265	31.7	598	71.4
Rhône	BRUNE	94	6,076	256	42.1	206	33.9	462	76.0
	SIMMENTAL	122	6,030	243	40.3	197	32.6	440	73.0
	CROSSBRED	1,258	6,696	269	40.2	214	32.0	484	72.2
	MONTBELIARDE	10,825	6,933	276	39.7	228	32.8	503	72.6
	PRIM'HOLSTEIN	6,539	8,127	326	40.2	256	31.6	583	71.7
Haute Saône	JERSIAISE	49	4,515	236	52.2	166	36.8	402	89.0
	BRUNE	129	6,333	262	41.4	214	33.8	476	75.2
	SIMMENTAL	77	5,752	227	39.5	190	33.0	417	72.5
	CROSSBRED	1,305	7,007	275	39.3	227	32.4	502	71.7
	MONTBELIARDE	24,123	7,338	285	38.8	243	33.1	528	72.0
	VOSGIENNE	64	4,275	163	38.1	137	32.1	300	70.2
	PRIM'HOLSTEIN	4,792	8,346	326	39.0	265	31.7	590	70.7
Saône & Loire	JERSIAISE	67	4,215	242	57.3	161	38.1	402	95.5
	SIMMENTAL	167	7,187	292	40.7	240	33.4	533	74.1
	CROSSBRED	564	7,401	295	39.9	238	32.2	534	72.1
	MONTBELIARDE	11,722	7,452	296	39.7	248	33.3	544	73.0
	PRIM'HOLSTEIN	2,689	8,629	340	39.4	273	31.6	613	71.1
Sarthe	JERSIAISE	225	4,701	259	55.1	181	38.5	440	93.5
	BRUNE	117	6,618	284	43.0	227	34.3	511	77.3
	SIMMENTAL	80	7,442	318	42.7	254	34.1	572	76.8
	CROSSBRED	1,563	6,827	281	41.2	224	32.8	505	74.0
	MONTBELIARDE	2,059	7,452	299	40.2	248	33.3	547	73.4
	NORMANDE	5,361	6,287	266	42.3	218	34.6	484	77.0
	PRIM'HOLSTEIN	29,106	8,520	343	40.3	275	32.3	618	72.6

¹Only the breeds with more than 40 results are listed here.



305-d lactations - all lactations per local area and breed (cont.)

Local area	Breed ¹	Number of lactations	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg
Savoie	ABONDANCE	7,650	4,770	171	35.9	153	32.1	324	68.0
	TARENTEISE	7,614	4,231	154	36.5	136	32.1	290	68.5
	CROSSBRED	563	4,798	177	36.9	155	32.3	332	69.2
	MONTBELIARDE	6,923	6,973	263	37.8	231	33.1	494	70.9
	PRIM·HOLSTEIN	223	7,990	296	37.1	252	31.5	548	68.6
Haute Savoie	ABONDANCE	11,396	5,832	209	35.9	192	32.9	401	68.8
	BRUNE	77	5,441	220	40.4	178	32.7	398	73.1
	TARENTEISE	481	4,524	164	36.3	148	32.8	312	69.1
	SIMMENTAL	121	6,731	262	38.9	236	35.1	498	73.9
	CROSSBRED	356	6,825	255	37.4	220	32.2	475	69.5
	MONTBELIARDE	22,054	7,112	265	37.3	234	33.0	500	70.3
	PRIM·HOLSTEIN	1,566	8,756	332	37.9	274	31.3	606	69.2
Seine Maritime	JERSIAISE	87	4,955	261	52.7	189	38.1	450	90.9
	PIE ROUGE	808	7,286	311	42.7	244	33.5	555	76.2
	BRUNE	69	7,063	307	43.5	249	35.2	556	78.7
	CROSSBRED	4,961	6,937	280	40.4	225	32.4	505	72.7
	MONTBELIARDE	1,009	7,361	293	39.8	243	33.0	536	72.8
	NORMANDE	10,568	6,225	258	41.5	213	34.2	471	75.7
	PRIM·HOLSTEIN	25,090	8,416	336	40.0	266	31.7	603	71.6
Seine & Marne	JERSIAISE	44	5,316	273	51.4	210	39.5	483	90.9
	CROSSBRED	123	8,452	334	39.5	271	32.1	605	71.6
	PRIM·HOLSTEIN	2,395	8,993	349	38.9	280	31.2	630	70.0
Yvelines	JERSIAISE	66	4,858	271	55.8	192	39.5	463	95.4
	CROSSBRED	101	7,046	275	39.0	227	32.2	502	71.2
	PRIM·HOLSTEIN	1,059	8,885	354	39.8	279	31.4	633	71.2
Deux Sèvres	JERSIAISE	381	5,614	320	56.9	221	39.3	540	96.3
	CROSSBRED	460	7,921	319	40.3	259	32.7	579	73.0
	MONTBELIARDE	948	7,352	282	38.3	244	33.2	525	71.5
	NORMANDE	493	5,805	234	40.3	198	34.2	433	74.5
	PRIM·HOLSTEIN	16,118	9,076	365	40.3	294	32.4	659	72.6
Somme	JERSIAISE	61	5,354	292	54.5	199	37.2	491	91.7
	BRUNE	42	6,257	271	43.3	216	34.6	487	77.9
	CROSSBRED	1,651	7,795	310	39.8	250	32.1	561	71.9
	MONTBELIARDE	557	7,332	288	39.3	241	32.8	529	72.2
	NORMANDE	390	6,658	279	41.9	228	34.2	506	76.0
	PRIM·HOLSTEIN	17,969	8,732	346	39.6	276	31.6	622	71.2

¹Only the breeds with more than 40 results are listed here.



305-d lactations - all lactations per local area and breed (cont.)

Local area	Breed ¹	Number of lactations	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg
Tarn	ABONDANCE	65	4,658	167	35.9	148	31.8	316	67.7
	BRUNE	302	5,682	239	42.0	189	33.2	428	75.3
	SIMMENTAL	40	5,452	216	39.7	176	32.4	393	72.1
	CROSSBRED	543	6,412	256	40.0	205	31.9	461	71.9
	MONTBELIARDE	440	6,021	238	39.5	194	32.1	432	71.7
	PRIM·HOLSTEIN	6,752	7,870	312	39.6	248	31.5	559	71.0
Tarn & Garonne	BRUNE	93	4,362	196	45.0	150	34.4	346	79.4
	CROSSBRED	277	6,232	269	43.2	198	31.8	467	75.0
	MONTBELIARDE	205	6,347	261	41.2	203	31.9	464	73.1
	PRIM·HOLSTEIN	2,403	7,398	294	39.8	230	31.1	524	70.9
Vendée	JERSIAISE	451	4,531	242	53.4	169	37.3	411	90.8
	BRUNE	176	6,985	307	43.9	239	34.3	546	78.2
	SIMMENTAL	114	7,157	282	39.4	240	33.5	521	72.8
	CROSSBRED	1,306	6,873	285	41.5	223	32.4	508	73.9
	MONTBELIARDE	2,083	7,593	301	39.7	253	33.3	554	73.0
	NORMANDE	1,576	6,212	260	41.8	215	34.6	475	76.4
	PRIM·HOLSTEIN	39,919	8,757	359	41.1	279	31.9	639	72.9
	Vienne	CROSSBRED	346	7,962	334	41.9	263	33.0	597	74.9
MONTBELIARDE		261	6,686	264	39.4	221	33.1	485	72.5
NORMANDE		124	5,711	242	42.4	192	33.7	434	76.1
PRIM·HOLSTEIN		4,484	8,546	347	40.6	276	32.3	623	72.9
Haute Vienne	BRUNE	42	5,647	239	42.3	187	33.0	426	75.4
	CROSSBRED	293	6,276	255	40.7	201	32.0	456	72.7
	MONTBELIARDE	259	5,492	220	40.1	180	32.7	400	72.9
	NORMANDE	452	5,365	226	42.2	181	33.7	407	75.9
	PRIM·HOLSTEIN	2,858	8,139	320	39.3	258	31.7	578	71.1
Vosges	JERSIAISE	110	3,227	172	53.4	121	37.5	293	91.0
	AYRSHIRE	84	7,198	361	50.2	223	30.9	584	81.1
	BRUNE	168	6,311	261	41.4	211	33.4	472	74.8
	SIMMENTAL	582	6,663	273	41.0	222	33.3	495	74.3
	CROSSBRED	2,537	6,820	274	40.1	216	31.6	489	71.7
	MONTBELIARDE	8,896	6,942	273	39.3	226	32.6	499	71.9
	NORMANDE	67	6,488	267	41.2	216	33.4	484	74.5
	VOSGIENNE	432	3,656	135	36.9	114	31.2	249	68.1
PRIM·HOLSTEIN	25,004	7,972	313	39.3	250	31.4	564	70.7	
Yonne	BRUNE	115	6,168	263	42.6	205	33.2	467	75.8
	CROSSBRED	563	7,227	294	40.7	232	32.1	526	72.8
	MONTBELIARDE	650	6,996	277	39.6	227	32.5	504	72.1
	NORMANDE	60	6,188	265	42.9	209	33.8	474	76.7
	PRIM·HOLSTEIN	5,994	8,517	338	39.7	266	31.2	604	70.9

¹Only the breeds with more than 40 results are listed here.



305-d lactations - all lactations per local area and breed (cont.)

Local area	Breed ¹	Number of lactations	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg
Territoire de Belfort	CROSSBRED	163	6,754	276	40.9	220	32.6	496	73.4
	MONTBELIARDE	1,927	7,723	309	40.0	259	33.5	568	73.5
	PRIM'HOLSTEIN	1,336	8,237	329	39.9	265	32.1	593	72.0
Val d'Oise	PRIM'HOLSTEIN	163	8,218	310	37.8	259	31.5	569	69.3
Réunion	BRUNE	138	6,205	251	40.5	218	35.1	469	75.5
	CROSSBRED	349	6,688	257	38.4	217	32.4	473	70.7
	MONTBELIARDE	126	6,654	252	37.8	218	32.8	470	70.6
	PRIM'HOLSTEIN	1,577	7,268	271	37.3	229	31.5	500	68.8

¹Only the breeds with more than 40 results are listed here.



3.8 - 305-d lactations - all breeds - first lactations

Local area ¹	Number of lactations	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg
Ain	9,538	6,960	276	39.6	230	33.1	506	72.7
Aisne	5,736	7,429	295	39.7	237	31.9	532	71.6
Allier	1,334	7,089	280	39.5	227	32.1	507	71.6
Alpes Hte Provence	157	4,977	194	39.0	165	33.2	359	72.1
Hautes Alpes	661	4,942	189	38.2	158	31.9	346	70.1
Ardèche	1,248	6,113	242	39.6	199	32.5	440	72.0
Ardennes	3,916	7,283	285	39.2	233	32.0	518	71.1
Ariège	763	6,873	271	39.4	222	32.4	493	71.7
Aube	2,241	7,275	285	39.2	231	31.7	516	71.0
Aude	86	6,159	247	40.1	199	32.3	446	72.4
Aveyron	9,361	6,643	265	39.9	215	32.3	479	72.2
Calvados	15,480	6,816	271	39.8	221	32.4	493	72.3
Cantal	11,793	5,933	232	39.2	191	32.2	423	71.3
Charente	1,444	6,468	263	40.7	210	32.5	473	73.2
Charente Maritime	2,035	7,369	291	39.5	237	32.2	529	71.7
Cher	1,048	6,843	276	40.3	220	32.2	496	72.5
Corrèze	1,168	6,260	243	38.9	198	31.6	441	70.4
Côte d'Or	3,789	6,426	256	39.9	211	32.9	468	72.8
Côtes d'Armor	28,837	7,143	284	39.8	227	31.8	512	71.7
Creuse	949	6,346	250	39.4	202	31.8	452	71.2
Dordogne	2,574	7,020	279	39.7	226	32.2	505	71.9
Doubs	25,851	6,070	232	38.2	201	33.1	432	71.2
Drôme	820	7,018	274	39.1	229	32.6	503	71.7
Eure	4,662	6,937	280	40.4	227	32.7	507	73.0
Eure & Loir	1,490	7,152	292	40.8	235	32.8	527	73.6
Finistère	23,076	6,818	272	39.9	215	31.6	487	71.5
Haute Garonne	1,756	6,975	275	39.4	225	32.3	500	71.7
Gers	260	6,930	268	38.6	219	31.6	486	70.2
Gironde	664	7,077	272	38.4	226	31.9	498	70.3
Ille & Vilaine	50,388	7,044	284	40.3	227	32.2	510	72.4
Indre	1,219	7,511	300	39.9	243	32.4	543	72.3
Indre & Loire	3,429	7,650	310	40.6	249	32.5	559	73.1
Isère	5,669	6,767	267	39.5	222	32.8	489	72.2
Jura	14,077	6,030	226	37.5	198	32.8	424	70.3
Landes	962	7,475	296	39.7	237	31.8	534	71.4
Loir & Cher	2,614	7,274	294	40.4	236	32.4	530	72.8
Loire	10,397	6,758	270	39.9	218	32.3	488	72.2
Haute Loire	10,233	6,349	256	40.3	208	32.8	464	73.0
Loire Atlantique	26,504	7,081	288	40.7	229	32.4	518	73.1
Loiret	1,595	7,406	296	39.9	236	31.9	532	71.9
Lot	2,285	6,914	272	39.3	221	31.9	492	71.2
Lot & Garonne	1,542	7,148	285	39.9	227	31.8	512	71.7
Lozère	1,871	5,479	212	38.7	178	32.5	390	71.2
Maine & Loire	19,487	7,318	303	41.4	240	32.8	543	74.2
Manche	41,186	6,781	273	40.3	222	32.7	495	73.0
Marne	1,283	7,578	292	38.5	243	32.0	535	70.6
Haute Marne	7,827	7,225	284	39.3	237	32.8	521	72.2

¹Only the local areas which count up more than 40 results are listed here.



305-d lactations - all breeds - first lactations (cont.)

Local area ¹	Number of lactations	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg
Mayenne	36,273	6,973	285	40.8	228	32.7	512	73.5
Meurthe & Moselle	7,120	7,151	282	39.4	224	31.3	506	70.7
Meuse	7,981	7,546	294	38.9	240	31.8	534	70.8
Morbihan	25,447	7,231	291	40.2	233	32.2	524	72.4
Moselle	9,912	7,268	289	39.7	234	32.1	522	71.9
Nièvre	253	7,865	300	38.2	245	31.2	545	69.4
Nord	16,325	7,500	299	39.9	238	31.7	536	71.5
Oise	3,335	7,042	281	39.8	225	31.9	505	71.7
Orne	23,181	6,745	277	41.0	222	32.9	499	73.9
Pas de Calais	13,468	7,557	296	39.2	238	31.5	534	70.7
Puy de Dôme	10,170	6,142	238	38.8	196	32.0	435	70.7
Pyrénées Atlantiques	3,263	7,625	298	39.1	245	32.2	543	71.2
Hautes Pyrénées	744	7,618	295	38.8	247	32.4	542	71.2
Pyrénées Orientales	46	5,750	226	39.3	182	31.7	408	71.0
Bas Rhin	7,727	7,936	316	39.9	259	32.6	575	72.5
Haut Rhin	3,684	6,882	274	39.8	223	32.4	497	72.2
Rhône	5,094	6,613	264	39.9	214	32.4	478	72.3
Haute Saône	9,865	6,653	260	39.1	221	33.2	481	72.2
Saône & Loire	4,953	6,986	277	39.7	232	33.2	509	72.9
Sarthe	14,587	7,172	290	40.4	236	32.9	526	73.3
Savoie	6,157	4,762	177	37.2	156	32.8	333	70.0
Haute Savoie	10,269	5,982	224	37.4	199	33.3	423	70.6
Seine Maritime	15,676	6,829	275	40.3	222	32.5	497	72.8
Seine & Marne	973	7,932	307	38.7	251	31.7	559	70.4
Yvelines	401	7,350	294	40.0	235	32.0	530	72.1
Deux Sèvres	6,418	7,806	314	40.3	256	32.8	571	73.1
Somme	8,050	7,675	303	39.4	246	32.0	548	71.4
Tarn	2,492	6,689	264	39.5	214	32.0	478	71.5
Tarn & Garonne	932	6,391	257	40.2	202	31.6	459	71.8
Vendée	16,694	7,587	310	40.9	245	32.3	555	73.2
Vienne	1,804	7,396	301	40.7	242	32.8	544	73.5
Haute Vienne	1,241	6,944	274	39.5	223	32.2	498	71.7
Vosges	12,808	6,837	268	39.2	219	32.0	487	71.2
Yonne	2,591	7,414	295	39.8	235	31.7	530	71.5
Territoire de Belfort	1,104	7,143	287	40.2	238	33.3	525	73.5
Val d'Oise	60	7,235	275	38.0	227	31.3	502	69.3
Réunion	729	6,732	251	37.2	217	32.2	467	69.4

¹Only the local areas which count up more than 40 results are listed here.



3.9 - 305-d lactations - first lactations per local area and breed

Local area	Breed ¹	Number of lactations	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg
Ain	BRUNE	52	6,685	279	41.7	229	34.3	508	76.1
	SIMMENTAL	212	5,390	213	39.5	181	33.5	394	73.1
	CROSSBRED	631	6,838	273	39.9	224	32.8	497	72.6
	MONTBELIARDE	6,192	6,656	263	39.5	223	33.5	486	73.0
	PRIM'HOLSTEIN	2,391	7,997	317	39.7	257	32.1	574	71.8
Aisne	CROSSBRED	502	6,596	268	40.7	211	32.0	480	72.7
	MONTBELIARDE	144	6,392	258	40.4	211	33.0	469	73.4
	NORMANDE	106	4,778	196	41.1	157	32.9	354	74.0
	PRIM'HOLSTEIN	4,937	7,618	301	39.5	243	31.9	544	71.4
Allier	CROSSBRED	65	6,057	243	40.1	193	31.9	436	72.0
	MONTBELIARDE	142	5,195	208	40.1	175	33.6	383	73.7
	NORMANDE	91	5,960	250	41.9	197	33.0	447	74.9
	PRIM'HOLSTEIN	1,013	7,585	297	39.2	242	31.9	539	71.1
Alpes Hte Provence	MONTBELIARDE	106	5,291	203	38.4	175	33.1	378	71.5
Hautes Alpes	ABONDANCE	82	3,870	139	35.9	123	31.9	262	67.8
	TARENDAISE	84	3,588	140	39.1	118	33.0	259	72.1
	CROSSBRED	50	4,760	181	38.0	151	31.7	332	69.7
	MONTBELIARDE	298	5,147	197	38.2	165	32.1	362	70.3
	PRIM'HOLSTEIN	127	6,299	242	38.4	195	31.0	437	69.4
Ardèche	ABONDANCE	104	4,800	183	38.1	158	32.8	341	71.0
	CROSSBRED	104	5,539	224	40.4	180	32.6	404	72.9
	MONTBELIARDE	748	5,943	235	39.5	194	32.6	429	72.1
	PRIM'HOLSTEIN	255	7,509	296	39.4	240	32.0	536	71.4
Ardennes	CROSSBRED	404	6,365	252	39.5	204	32.0	456	71.6
	MONTBELIARDE	94	6,123	243	39.7	199	32.6	442	72.2
	PRIM'HOLSTEIN	3,360	7,474	292	39.1	239	31.9	530	71.0
Ariège	BRUNE	116	5,971	248	41.6	207	34.7	455	76.2
	CROSSBRED	45	5,767	221	38.2	180	31.3	401	69.5
	MONTBELIARDE	68	5,667	217	38.2	184	32.5	401	70.7
	PRIM'HOLSTEIN	504	7,462	290	38.9	238	31.9	529	70.8
Aube	BRUNE	99	6,808	281	41.3	237	34.9	519	76.2
	CROSSBRED	126	6,540	255	39.0	209	32.0	464	71.0
	MONTBELIARDE	118	5,976	230	38.4	197	33.0	427	71.5
	PRIM'HOLSTEIN	1,865	7,472	292	39.1	235	31.5	527	70.5
Aude	PRIM'HOLSTEIN	48	6,453	250	38.7	202	31.3	452	70.1

¹Only the breeds with more than 40 results are listed here.



305-d lactations - first lactations per local area and breed (cont.)

Local area	Breed ¹	Number of lactations	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg
Aveyron	BRUNE	650	5,993	252	42.1	204	34.1	457	76.2
	SIMMENTAL	735	5,185	204	39.3	173	33.4	377	72.7
	CROSSBRED	399	5,993	241	40.2	193	32.2	434	72.4
	MONTBELIARDE	876	5,866	231	39.4	193	33.0	424	72.3
	PRIM ¹ HOLSTEIN	6,558	7,074	281	39.7	226	32.0	507	71.7
Calvados	JERSIAISE	123	4,308	245	56.8	164	38.0	409	94.8
	CROSSBRED	1,378	5,981	237	39.6	192	32.1	429	71.7
	MONTBELIARDE	195	6,166	243	39.4	204	33.1	447	72.4
	NORMANDE	3,282	5,453	225	41.2	186	34.1	411	75.4
	PRIM ¹ HOLSTEIN	10,465	7,400	292	39.4	237	32.1	529	71.5
Cantal	ABONDANCE	145	4,149	156	37.6	136	32.8	292	70.3
	JERSIAISE	67	3,648	188	51.4	131	35.8	318	87.3
	BRUNE	341	5,341	222	41.6	180	33.7	402	75.3
	SALERS	117	1,959	67	34.1	65	33.4	132	67.5
	SIMMENTAL	290	4,549	179	39.4	153	33.7	332	73.1
	CROSSBRED	857	5,383	211	39.2	172	31.9	383	71.1
	MONTBELIARDE	4,055	5,724	221	38.6	188	32.9	409	71.5
	NORMANDE	52	5,008	203	40.5	169	33.8	372	74.2
	PRIM ¹ HOLSTEIN	5,823	6,435	253	39.3	203	31.6	456	70.9
Charente	JERSIAISE	94	4,493	238	52.9	165	36.8	403	89.8
	CROSSBRED	103	5,505	236	42.9	182	33.1	419	76.0
	MONTBELIARDE	118	5,933	233	39.2	195	32.9	428	72.2
	NORMANDE	139	4,992	215	43.0	173	34.6	387	77.5
	PRIM ¹ HOLSTEIN	972	7,062	280	39.6	226	32.0	506	71.6
Charente Maritime	CROSSBRED	97	6,148	240	39.1	196	31.9	437	71.0
	MONTBELIARDE	98	5,910	237	40.0	193	32.7	430	72.8
	NORMANDE	79	5,644	236	41.8	194	34.4	430	76.2
	PRIM ¹ HOLSTEIN	1,714	7,638	301	39.4	245	32.1	546	71.5
Cher	CROSSBRED	125	6,432	267	41.5	211	32.8	478	74.3
	PRIM ¹ HOLSTEIN	860	7,065	282	39.9	226	31.9	507	71.8
Corrèze	CROSSBRED	49	5,344	212	39.7	169	31.6	381	71.3
	MONTBELIARDE	125	5,442	208	38.2	174	32.0	382	70.2
	PRIM ¹ HOLSTEIN	951	6,456	251	38.8	203	31.5	454	70.3
Côte d'Or	BRUNE	904	6,435	267	41.5	220	34.2	487	75.8
	SIMMENTAL	441	5,913	239	40.5	198	33.4	437	73.9
	CROSSBRED	168	5,971	233	39.0	192	32.1	424	71.1
	MONTBELIARDE	1,175	6,185	244	39.5	205	33.2	449	72.6
	PRIM ¹ HOLSTEIN	1,082	6,992	271	38.8	221	31.5	492	70.4

¹Only the breeds with more than 40 results are listed here.



305-d lactations - first lactations per local area and breed (cont.)

Local area	Breed ¹	Number of lactations	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg
Côtes d'Armor	PIE ROUGE	367	6,153	260	42.2	204	33.2	464	75.4
	BRUNE	94	5,735	251	43.8	194	33.9	446	77.7
	CROSSBRED	954	6,455	260	40.3	205	31.8	465	72.1
	MONTBELIARDE	633	6,300	251	39.8	205	32.5	456	72.3
	NORMANDE	1,877	5,621	233	41.5	190	33.9	424	75.4
	PRIM·HOLSTEIN	24,850	7,332	291	39.6	232	31.7	523	71.3
Creuse	CROSSBRED	51	5,546	212	38.3	175	31.6	388	69.9
	MONTBELIARDE	71	5,287	212	40.1	176	33.2	387	73.3
	PRIM·HOLSTEIN	790	6,586	259	39.3	209	31.7	468	71.0
Dordogne	CROSSBRED	132	5,827	234	40.1	187	32.0	420	72.1
	MONTBELIARDE	205	5,923	238	40.2	197	33.3	436	73.5
	PRIM·HOLSTEIN	2,163	7,266	288	39.6	233	32.0	521	71.7
Doubs	SIMMENTAL	67	5,850	229	39.2	190	32.4	419	71.6
	CROSSBRED	351	6,533	259	39.7	210	32.2	469	71.8
	MONTBELIARDE	24,847	6,034	230	38.1	200	33.1	430	71.2
	PRIM·HOLSTEIN	557	7,442	291	39.1	239	32.2	531	71.3
Drôme	MONTBELIARDE	406	6,308	246	39.0	205	32.5	451	71.5
	PRIM·HOLSTEIN	357	8,138	320	39.3	265	32.6	585	71.9
Eure	CROSSBRED	497	6,356	256	40.3	210	33.0	466	73.3
	MONTBELIARDE	67	6,155	246	40.0	206	33.5	453	73.6
	NORMANDE	883	5,644	235	41.7	193	34.3	429	75.9
	PRIM·HOLSTEIN	3,190	7,415	297	40.0	239	32.3	536	72.3
Eure & Loir	CROSSBRED	44	6,198	249	40.1	201	32.4	449	72.5
	NORMANDE	340	5,824	242	41.6	200	34.4	443	76.0
	PRIM·HOLSTEIN	1,021	7,790	314	40.3	251	32.3	566	72.6
Finistère	JERSIAISE	130	3,669	201	54.7	138	37.6	339	92.3
	PIE ROUGE	440	6,437	274	42.5	212	33.0	486	75.5
	BRUNE	97	5,356	228	42.5	175	32.7	403	75.2
	CROSSBRED	1,155	5,729	235	41.0	183	31.9	418	72.9
	MONTBELIARDE	173	5,778	235	40.7	187	32.3	422	73.0
	NORMANDE	651	5,250	216	41.2	176	33.4	392	74.6
	PRIM·HOLSTEIN	20,420	6,974	277	39.7	220	31.5	496	71.1
Haute Garonne	CROSSBRED	100	6,079	247	40.7	199	32.7	446	73.4
	MONTBELIARDE	211	6,048	241	39.9	204	33.8	445	73.6
	PRIM·HOLSTEIN	1,348	7,331	287	39.1	235	32.0	521	71.1
Gers	CROSSBRED	41	5,720	224	39.1	183	32.0	407	71.2
	PRIM·HOLSTEIN	200	7,394	285	38.5	232	31.3	517	69.9

¹Only the breeds with more than 40 results are listed here.



305-d lactations - first lactations per local area and breed (cont.)

Local area	Breed ¹	Number of lactations	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg
Gironde	CROSSBRED	61	5,507	220	39.9	180	32.7	400	72.6
	PRIM·HOLSTEIN	570	7,350	281	38.2	234	31.8	514	70.0
Ille & Vilaine	JERSIAISE	237	3,890	207	53.3	143	36.9	351	90.1
	PIE ROUGE	306	6,138	264	43.1	206	33.6	471	76.7
	BRUNE	122	5,876	252	42.8	201	34.1	452	76.9
	CROSSBRED	2,467	5,943	244	41.0	191	32.2	435	73.2
	MONTBELIARDE	1,509	6,155	248	40.2	203	33.0	451	73.2
	NORMANDE	3,970	5,629	234	41.6	190	33.8	425	75.4
	PRIM·HOLSTEIN	41,716	7,308	293	40.1	234	32.0	527	72.1
Indre	CROSSBRED	67	7,371	290	39.4	240	32.6	530	71.9
	PRIM·HOLSTEIN	1,100	7,618	304	39.9	246	32.3	550	72.2
Indre & Loire	CROSSBRED	168	6,101	255	41.8	199	32.7	455	74.5
	MONTBELIARDE	139	6,564	269	41.0	217	33.1	487	74.1
	NORMANDE	67	5,924	253	42.7	203	34.3	456	77.0
	PRIM·HOLSTEIN	3,025	7,846	317	40.4	255	32.5	572	72.9
Isère	ABONDANCE	103	4,789	175	36.5	157	32.8	332	69.3
	SIMMENTAL	109	6,069	258	42.5	201	33.2	459	75.6
	CROSSBRED	350	6,613	261	39.5	216	32.6	477	72.1
	MONTBELIARDE	3,349	6,561	260	39.6	217	33.1	477	72.7
	PRIM·HOLSTEIN	1,666	7,528	295	39.2	242	32.1	536	71.3
Jura	SIMMENTAL	311	5,266	209	39.7	177	33.5	386	73.2
	CROSSBRED	202	5,465	212	38.8	180	32.9	392	71.7
	MONTBELIARDE	13,305	6,023	226	37.4	198	32.8	423	70.3
	PRIM·HOLSTEIN	246	7,887	303	38.4	250	31.7	553	70.1
Landes	CROSSBRED	47	5,611	222	39.5	176	31.3	397	70.8
	PRIM·HOLSTEIN	903	7,590	301	39.6	241	31.8	542	71.4
Loir & Cher	CROSSBRED	43	6,113	261	42.7	204	33.3	465	76.0
	NORMANDE	362	5,699	239	42.0	192	33.7	431	75.7
	PRIM·HOLSTEIN	2,149	7,588	304	40.1	245	32.2	549	72.3
Loire	ABONDANCE	44	4,536	175	38.7	152	33.5	327	72.1
	BRUNE	76	5,836	248	42.5	199	34.2	447	76.6
	SIMMENTAL	96	6,058	246	40.6	203	33.4	448	74.0
	CROSSBRED	522	6,127	245	40.0	197	32.2	442	72.1
	MONTBELIARDE	4,189	6,327	252	39.9	210	33.2	462	73.1
	PRIM·HOLSTEIN	5,402	7,226	288	39.8	229	31.6	516	71.4

¹Only the breeds with more than 40 results are listed here.



305-d lactations - first lactations per local area and breed (cont.)

Local area	Breed ¹	Number of lactations	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg
Haute Loire	ABONDANCE	166	4,502	172	38.1	150	33.3	322	71.5
	BRUNE	63	5,077	214	42.1	170	33.5	384	75.7
	TARENTEISE	41	4,758	193	40.5	166	34.8	358	75.3
	CROSSBRED	660	5,977	246	41.2	196	32.8	442	74.0
	MONTBELIARDE	6,351	6,140	246	40.1	203	33.1	450	73.3
	PRIM'HOLSTEIN	2,924	7,067	285	40.4	226	32.0	511	72.4
Loire Atlantique	JERSIAISE	166	3,826	202	52.7	140	36.5	341	89.2
	PIE ROUGE	75	6,778	306	45.2	239	35.3	546	80.5
	BRUNE	69	5,159	219	42.5	172	33.3	391	75.8
	SIMMENTAL	104	5,095	208	40.8	172	33.7	380	74.5
	CROSSBRED	1,077	5,851	242	41.3	188	32.2	430	73.5
	MONTBELIARDE	840	6,494	262	40.4	215	33.0	477	73.4
	NORMANDE	1,988	5,700	237	41.6	193	33.8	430	75.4
	PRIM'HOLSTEIN	22,160	7,333	298	40.6	236	32.2	534	72.8
Loiret	CROSSBRED	123	6,621	261	39.4	210	31.8	471	71.2
	MONTBELIARDE	57	6,413	257	40.1	209	32.5	466	72.7
	PRIM'HOLSTEIN	1,373	7,589	302	39.9	242	31.9	544	71.7
Lot	CROSSBRED	175	5,797	230	39.6	185	32.0	415	71.6
	MONTBELIARDE	231	6,390	252	39.4	211	33.0	462	72.4
	PRIM'HOLSTEIN	1,837	7,125	280	39.2	226	31.7	506	71.0
Lot & Garonne	CROSSBRED	176	6,531	267	40.9	210	32.1	477	73.0
	NORMANDE	51	4,871	200	41.1	164	33.7	364	74.8
	PRIM'HOLSTEIN	1,271	7,382	293	39.7	233	31.6	526	71.3
Lozère	ABONDANCE	50	3,965	152	38.2	130	32.8	282	71.0
	BRUNE	236	5,261	213	40.4	173	32.9	386	73.3
	SIMMENTAL	171	4,830	191	39.6	164	34.0	355	73.5
	MONTBELIARDE	1,090	5,551	212	38.1	181	32.6	392	70.7
	PRIM'HOLSTEIN	283	6,236	243	39.0	194	31.2	438	70.2
Maine & Loire	JERSIAISE	692	4,201	231	54.9	162	38.5	392	93.4
	BRUNE	182	6,639	292	44.0	231	34.8	523	78.8
	SIMMENTAL	56	5,351	223	41.6	175	32.6	397	74.2
	CROSSBRED	736	6,697	279	41.7	221	33.0	500	74.7
	MONTBELIARDE	1,001	6,257	253	40.4	209	33.4	462	73.8
	NORMANDE	927	5,767	245	42.5	198	34.3	443	76.8
	PRIM'HOLSTEIN	15,888	7,655	314	41.0	249	32.6	563	73.6

¹Only the breeds with more than 40 results are listed here.



305-d lactations - first lactations per local area and breed (cont.)

Local area	Breed ¹	Number of lactations	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg
Manche	JERSIAISE	408	3,845	212	55.1	144	37.6	356	92.7
	PIE ROUGE	109	6,287	269	42.7	206	32.7	474	75.4
	BRUNE	111	5,836	247	42.3	199	34.1	446	76.4
	CROSSBRED	3,343	6,195	250	40.4	202	32.6	453	73.0
	MONTBELIARDE	370	6,458	260	40.2	215	33.2	474	73.4
	NORMANDE	11,782	5,632	235	41.7	192	34.2	428	75.9
	PRIM'HOLSTEIN	25,040	7,460	295	39.6	240	32.2	535	71.8
Marne	CROSSBRED	68	6,899	272	39.4	223	32.3	495	71.7
	PRIM'HOLSTEIN	1,179	7,677	295	38.4	245	32.0	540	70.4
Haute Marne	JERSIAISE	76	4,385	230	52.4	165	37.6	395	90.0
	BRUNE	219	6,157	258	41.9	210	34.2	468	76.1
	SIMMENTAL	620	6,048	246	40.6	206	34.1	452	74.7
	CROSSBRED	402	6,407	257	40.2	212	33.1	470	73.3
	MONTBELIARDE	1,848	6,641	265	40.0	225	33.9	491	73.9
	PRIM'HOLSTEIN	4,627	7,801	302	38.7	251	32.2	553	70.9
Mayenne	JERSIAISE	208	4,297	239	55.6	162	37.6	400	93.2
	BRUNE	133	6,702	282	42.1	229	34.1	511	76.2
	SIMMENTAL	78	6,153	269	43.7	206	33.5	475	77.3
	CROSSBRED	1,741	6,353	263	41.3	209	32.8	471	74.2
	MONTBELIARDE	1,644	6,359	257	40.4	212	33.4	469	73.7
	NORMANDE	7,023	5,792	241	41.7	198	34.2	439	75.9
	PRIM'HOLSTEIN	25,417	7,410	300	40.5	239	32.3	539	72.8
Meurthe & Moselle	BRUNE	61	6,230	255	41.0	209	33.5	464	74.5
	CROSSBRED	648	6,281	249	39.7	199	31.7	448	71.4
	MONTBELIARDE	265	6,091	248	40.8	198	32.5	446	73.2
	PRIM'HOLSTEIN	6,085	7,322	287	39.2	229	31.2	516	70.4
Meuse	BRUNE	67	6,435	273	42.4	216	33.5	489	76.0
	SIMMENTAL	93	6,625	274	41.4	224	33.8	498	75.2
	CROSSBRED	357	6,619	263	39.8	212	32.1	476	71.9
	MONTBELIARDE	263	6,122	240	39.3	197	32.1	437	71.4
	PRIM'HOLSTEIN	7,163	7,680	298	38.8	244	31.8	542	70.6
Morbihan	JERSIAISE	57	4,765	260	54.6	181	38.0	441	92.6
	PIE ROUGE	680	6,428	273	42.5	218	33.9	491	76.4
	SIMMENTAL	55	6,087	253	41.5	206	33.8	459	75.4
	CROSSBRED	690	6,003	248	41.2	195	32.5	443	73.7
	MONTBELIARDE	671	6,590	262	39.7	217	32.9	479	72.7
	NORMANDE	990	5,417	225	41.6	183	33.7	408	75.3
	PRIM'HOLSTEIN	22,273	7,408	297	40.1	238	32.1	534	72.1

¹Only the breeds with more than 40 results are listed here.



305-d lactations - first lactations per local area and breed (cont.)

Local area	Breed ¹	Number of lactations	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg
Moselle	BRUNE	52	6,678	287	42.9	229	34.4	516	77.3
	CROSSBRED	1,020	6,378	258	40.5	206	32.4	465	72.8
	MONTBELIARDE	422	6,143	249	40.5	202	32.9	451	73.4
	PRIM'HOLSTEIN	8,360	7,451	295	39.6	239	32.1	534	71.7
Nièvre	PRIM'HOLSTEIN	214	8,305	315	37.9	259	31.1	573	69.0
Nord	BRUNE	71	6,569	277	42.1	223	34.0	500	76.1
	CROSSBRED	1,545	6,558	261	39.8	208	31.7	469	71.5
	MONTBELIARDE	481	6,478	256	39.6	213	32.9	470	72.5
	BLEUE DU NORD	128	4,019	148	36.8	124	31.0	272	67.8
	ROUGE FLAMANDE	161	5,046	197	39.1	164	32.6	362	71.7
	PRIM'HOLSTEIN	13,850	7,722	308	39.9	244	31.6	552	71.5
Oise	CROSSBRED	275	6,729	271	40.2	217	32.2	487	72.4
	MONTBELIARDE	71	5,889	231	39.2	190	32.2	421	71.4
	NORMANDE	122	6,178	259	41.9	217	35.0	475	76.9
	PRIM'HOLSTEIN	2,854	7,143	284	39.7	227	31.7	511	71.5
Orne	JERSIAISE	58	4,470	236	52.8	166	37.0	402	89.9
	BRUNE	51	5,239	228	43.5	180	34.3	408	77.8
	CROSSBRED	1,453	6,149	251	40.8	201	32.7	452	73.5
	MONTBELIARDE	196	6,004	240	40.0	199	33.2	439	73.2
	NORMANDE	8,155	5,656	238	42.1	194	34.4	433	76.5
	PRIM'HOLSTEIN	13,256	7,509	304	40.5	242	32.3	546	72.8
Pas de Calais	BRUNE	100	6,236	263	42.2	214	34.3	477	76.5
	CROSSBRED	861	7,025	278	39.6	224	31.8	502	71.4
	MONTBELIARDE	267	6,425	257	40.0	208	32.4	465	72.4
	ROUGE FLAMANDE	58	4,336	171	39.5	138	31.8	309	71.4
	PRIM'HOLSTEIN	12,123	7,658	300	39.1	241	31.4	540	70.6
Puy de Dôme	ABONDANCE	149	4,739	172	36.4	158	33.3	330	69.7
	JERSIAISE	78	3,933	197	50.1	143	36.3	340	86.4
	BRUNE	140	5,480	220	40.2	183	33.4	403	73.6
	SALERS	46	2,409	91	37.8	79	32.9	170	70.7
	SIMMENTAL	82	5,525	211	38.3	182	33.0	394	71.3
	CROSSBRED	869	5,639	221	39.1	181	32.1	401	71.2
	MONTBELIARDE	3,333	5,871	228	38.8	193	32.9	421	71.7
	NORMANDE	66	4,376	176	40.1	142	32.5	318	72.6
	PRIM'HOLSTEIN	5,375	6,560	253	38.6	205	31.3	459	70.0
Pyrénées Atlantiques	JERSIAISE	43	2,511	133	53.0	99	39.5	232	92.4
	BRUNE	48	5,832	237	40.6	199	34.2	436	74.8
	CROSSBRED	160	6,016	240	39.9	194	32.2	434	72.2
	MONTBELIARDE	254	6,253	244	39.1	208	33.3	453	72.4
	PRIM'HOLSTEIN	2,741	7,974	310	38.9	255	32.0	566	70.9

¹Only the breeds with more than 40 results are listed here.



305-d lactations - first lactations per local area and breed (cont.)

Local area	Breed ¹	Number of lactations	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg
Hautes Pyrénées	MONTBELIARDE	72	6,099	230	37.7	200	32.8	430	70.6
	PRIM'HOLSTEIN	610	7,989	310	38.8	258	32.3	568	71.1
Bas Rhin	JERSIAISE	80	4,366	232	53.1	163	37.3	395	90.4
	BRUNE	46	5,985	254	42.4	204	34.1	458	76.5
	SIMMENTAL	280	6,114	256	41.9	207	33.8	463	75.7
	CROSSBRED	388	6,669	272	40.8	216	32.4	488	73.2
	MONTBELIARDE	276	6,973	283	40.6	234	33.5	516	74.1
	PRIM'HOLSTEIN	6,613	8,208	325	39.6	267	32.5	592	72.1
Haut Rhin	CROSSBRED	306	5,929	239	40.3	191	32.3	430	72.6
	MONTBELIARDE	1,006	6,440	260	40.3	215	33.4	475	73.8
	VOSGIENNE	139	3,383	129	38.1	108	32.1	237	70.2
	PRIM'HOLSTEIN	2,125	7,563	299	39.5	242	32.0	541	71.5
Rhône	SIMMENTAL	41	5,560	222	40.0	182	32.7	404	72.7
	CROSSBRED	362	5,980	240	40.2	192	32.1	432	72.3
	MONTBELIARDE	2,669	6,286	249	39.6	206	32.8	455	72.5
	PRIM'HOLSTEIN	1,970	7,225	290	40.1	230	31.9	520	72.0
Haute Saône	CROSSBRED	443	6,111	241	39.4	198	32.5	439	71.8
	MONTBELIARDE	7,494	6,503	254	39.1	218	33.5	472	72.5
	PRIM'HOLSTEIN	1,808	7,520	293	39.0	242	32.2	535	71.2
Saône & Loire	SIMMENTAL	58	6,891	281	40.7	232	33.6	512	74.3
	CROSSBRED	175	6,915	276	39.9	225	32.6	501	72.4
	MONTBELIARDE	3,708	6,762	269	39.9	227	33.6	497	73.5
	PRIM'HOLSTEIN	990	7,889	307	39.0	251	31.9	559	70.8
Sarthe	JERSIAISE	78	4,249	226	53.2	162	38.1	388	91.4
	BRUNE	50	5,620	241	42.9	193	34.3	434	77.2
	SIMMENTAL	43	7,032	297	42.3	241	34.2	538	76.5
	CROSSBRED	576	6,090	251	41.2	201	33.0	452	74.1
	MONTBELIARDE	676	6,711	271	40.4	225	33.5	496	73.9
	NORMANDE	1,996	5,773	243	42.1	199	34.6	443	76.7
	PRIM'HOLSTEIN	11,158	7,536	302	40.1	246	32.6	548	72.7
Savoie	ABONDANCE	1,872	4,273	155	36.2	138	32.3	293	68.5
	TARENDAISE	2,145	3,856	142	36.9	125	32.3	267	69.2
	CROSSBRED	130	4,295	159	37.0	140	32.5	299	69.5
	MONTBELIARDE	1,914	6,161	235	38.2	206	33.5	442	71.7
	PRIM'HOLSTEIN	87	7,561	276	36.5	240	31.8	516	68.2

¹Only the breeds with more than 40 results are listed here.



305-d lactations - first lactations per local area and breed (cont.)

Local area	Breed ¹	Number of lactations	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg
Haute Savoie	ABONDANCE	3,150	5,047	184	36.4	168	33.3	352	69.8
	TARENTEISE	147	3,980	148	37.3	132	33.3	281	70.5
	CROSSBRED	85	5,755	219	38.0	187	32.5	406	70.5
	MONTBELIARDE	6,253	6,356	239	37.6	212	33.4	452	71.1
	PRIM·HOLSTEIN	567	7,611	290	38.1	242	31.8	532	69.9
Seine Maritime	PIE ROUGE	260	6,208	264	42.5	210	33.8	474	76.3
	CROSSBRED	1,877	6,258	251	40.1	203	32.4	454	72.6
	MONTBELIARDE	371	6,489	259	40.0	215	33.1	474	73.1
	NORMANDE	3,925	5,687	236	41.5	195	34.2	431	75.7
	PRIM·HOLSTEIN	9,188	7,473	298	39.8	238	31.9	536	71.7
Seine & Marne	CROSSBRED	51	7,799	308	39.5	251	32.2	560	71.8
	PRIM·HOLSTEIN	884	8,042	310	38.5	254	31.5	563	70.0
Yvelines	CROSSBRED	62	6,315	243	38.5	206	32.7	449	71.2
	PRIM·HOLSTEIN	317	7,794	311	40.0	248	31.8	559	71.7
Deux Sèvres	JERSIAISE	109	4,815	261	54.2	183	38.1	445	92.3
	CROSSBRED	188	6,827	280	41.0	227	33.3	507	74.3
	MONTBELIARDE	317	6,589	256	38.9	221	33.5	477	72.4
	NORMANDE	165	5,357	214	39.9	180	33.5	393	73.4
	PRIM·HOLSTEIN	5,625	8,041	323	40.2	263	32.7	586	72.9
Somme	CROSSBRED	647	7,025	278	39.5	227	32.3	504	71.8
	MONTBELIARDE	157	6,093	244	40.1	202	33.2	446	73.3
	NORMANDE	164	5,980	251	42.0	205	34.4	457	76.4
	PRIM·HOLSTEIN	7,025	7,831	308	39.3	250	31.9	558	71.2
Tarn	BRUNE	86	5,085	216	42.5	167	32.7	383	75.2
	CROSSBRED	172	5,502	216	39.3	174	31.6	390	71.0
	MONTBELIARDE	126	5,386	211	39.3	173	32.1	385	71.4
	PRIM·HOLSTEIN	2,073	6,973	275	39.4	223	31.9	498	71.4
Tarn & Garonne	CROSSBRED	95	5,830	259	44.3	187	32.1	446	76.5
	MONTBELIARDE	58	5,610	225	40.1	181	32.2	406	72.4
	PRIM·HOLSTEIN	736	6,673	264	39.6	210	31.5	474	71.1
Vendée	JERSIAISE	118	3,904	204	52.2	143	36.6	346	88.7
	BRUNE	66	6,310	275	43.5	218	34.6	493	78.1
	SIMMENTAL	43	6,837	268	39.2	229	33.5	497	72.7
	CROSSBRED	473	6,057	250	41.3	196	32.4	447	73.7
	MONTBELIARDE	639	6,719	266	39.7	225	33.5	491	73.1
	NORMANDE	628	5,781	241	41.7	200	34.7	442	76.4
	PRIM·HOLSTEIN	14,723	7,789	318	40.8	251	32.2	568	73.0

¹Only the breeds with more than 40 results are listed here.



305-d lactations - first lactations per local area and breed (cont.)

Local area	Breed ¹	Number of lactations	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg
Vienne	CROSSBRED	144	6,767	291	42.9	228	33.6	518	76.6
	MONTBELIARDE	80	6,018	238	39.5	202	33.5	439	73.0
	NORMANDE	43	5,220	221	42.3	178	34.1	399	76.4
	PRIM'HOLSTEIN	1,532	7,597	308	40.5	248	32.6	556	73.1
Haute Vienne	CROSSBRED	79	5,425	223	41.2	173	31.9	396	73.1
	MONTBELIARDE	47	5,802	232	40.0	193	33.3	425	73.3
	NORMANDE	132	4,869	205	42.1	161	33.1	366	75.2
	PRIM'HOLSTEIN	961	7,432	291	39.1	238	32.0	529	71.1
Vosges	BRUNE	46	5,275	220	41.7	178	33.7	398	75.4
	SIMMENTAL	188	5,958	243	40.8	200	33.6	443	74.4
	CROSSBRED	828	5,990	242	40.4	190	31.8	432	72.2
	MONTBELIARDE	2,708	6,228	246	39.4	205	32.9	450	72.3
	VOSGIENNE	105	3,081	117	38.1	97	31.5	214	69.6
	PRIM'HOLSTEIN	8,854	7,189	281	39.0	228	31.7	509	70.8
Yonne	CROSSBRED	201	6,486	268	41.3	210	32.3	477	73.6
	MONTBELIARDE	211	6,216	247	39.8	203	32.7	450	72.4
	PRIM'HOLSTEIN	2,103	7,697	305	39.6	243	31.5	548	71.1
Territoire de Belfort	CROSSBRED	58	6,555	266	40.6	214	32.7	480	73.3
	MONTBELIARDE	543	6,842	276	40.3	232	33.9	508	74.2
	PRIM'HOLSTEIN	491	7,575	302	39.9	248	32.7	550	72.6
Val d'Oise	PRIM'HOLSTEIN	60	7,235	275	38.0	227	31.3	502	69.3
Réunion	CROSSBRED	118	6,210	236	38.1	202	32.6	439	70.7
	PRIM'HOLSTEIN	540	6,889	255	37.0	220	31.9	474	68.9

¹Only the breeds with more than 40 results are listed here.



IV - SOMATIC CELLS COUNT RESULTS PER LOCAL AREA

Local area ¹	All test-dates with cell count < 300,000		At least 2 test-dates with cell count >= 800,000		Intermediate somatic cell counts		Total lactations
	Nb	%	Nb	%	Nb	%	
Ain	16,911	54.6	3,586	11.6	10,450	33.8	30,947
Aisne	8,551	53.9	1,901	12.0	5,424	34.2	15,876
Allier	1,858	49.0	574	15.1	1,358	35.8	3,790
Alpes Hte Provence	346	60.0	59	10.2	172	29.8	577
Hautes Alpes	1,283	56.2	227	9.9	772	33.8	2,282
Alpes Maritimes	62	48.1	15	11.6	52	40.3	129
Ardèche	2,697	51.8	628	12.1	1,879	36.1	5,204
Ardennes	6,403	56.5	1,172	10.3	3,754	33.1	11,329
Ariège	965	39.4	451	18.4	1,036	42.3	2,452
Aube	2,749	44.6	1,035	16.8	2,375	38.6	6,159
Aude	124	40.0	67	21.6	119	38.4	310
Aveyron	17,152	54.6	3,625	11.5	10,647	33.9	31,424
Calvados	25,098	56.3	4,708	10.6	14,746	33.1	44,552
Cantal	24,657	56.3	4,571	10.4	14,586	33.3	43,814
Charente	2,324	51.1	576	12.7	1,649	36.2	4,549
Charente Maritime	3,115	51.4	902	14.9	2,040	33.7	6,057
Cher	1,400	45.3	455	14.7	1,237	40.0	3,092
Corrèze	2,198	50.9	572	13.3	1,545	35.8	4,315
Côte d'Or	5,365	46.6	1,646	14.3	4,503	39.1	11,514
Côtes d'Armor	52,858	60.2	8,240	9.4	26,709	30.4	87,807
Creuse	1,607	51.4	388	12.4	1,130	36.2	3,125
Dordogne	3,789	45.6	1,325	16.0	3,191	38.4	8,305
Doubs	55,098	66.8	5,208	6.3	22,233	26.9	82,539
Drôme	1,310	49.9	363	13.8	954	36.3	2,627
Eure	6,763	52.1	1,655	12.8	4,556	35.1	12,974
Eure & Loir	2,308	55.0	516	12.3	1,372	32.7	4,196
Finistère	45,424	61.7	6,487	8.8	21,746	29.5	73,657
Haute Garonne	2,329	41.1	1,112	19.6	2,231	39.3	5,672
Gers	350	39.6	157	17.8	377	42.6	884
Gironde	956	36.9	551	21.2	1,087	41.9	2,594
Hérault	35	42.2	18	21.7	30	36.1	83
Ille & Vilaine	88,582	59.6	14,626	9.8	45,502	30.6	148,710
Indre	1,864	53.1	469	13.4	1,175	33.5	3,508
Indre & Loire	6,076	58.3	1,120	10.7	3,224	30.9	10,420
Isère	9,695	55.9	2,027	11.7	5,609	32.4	17,331
Jura	26,189	57.6	4,724	10.4	14,586	32.1	45,499
Landes	1,591	50.0	424	13.3	1,164	36.6	3,179
Loir & Cher	4,152	57.1	823	11.3	2,295	31.6	7,270
Loire	19,903	59.0	3,092	9.2	10,715	31.8	33,710
Haute Loire	20,730	56.7	3,624	9.9	12,183	33.3	36,537
Loire Atlantique	48,378	62.9	6,897	9.0	21,584	28.1	76,859
Loiret	1,970	43.5	787	17.4	1,771	39.1	4,528
Lot	3,636	48.5	1,144	15.3	2,710	36.2	7,490
Lot & Garonne	2,155	41.4	976	18.8	2,073	39.8	5,204
Lozère	3,863	53.5	809	11.2	2,553	35.3	7,225
Maine & Loire	33,965	61.7	5,044	9.2	15,996	29.1	55,005
Manche	67,941	58.0	12,248	10.5	36,954	31.5	117,143

¹Only the local areas which count up more than 40 results are listed here.



IV - SOMATIC CELLS COUNT RESULTS PER LOCAL AREA

Local area ¹	All test-dates with cell count < 300,000		At least 2 test-dates with cell count >= 800,000		Intermediate somatic cell counts		Total lactations
	Nb	%	Nb	%	Nb	%	
Marne	1,841	51.6	447	12.5	1,282	35.9	3,570
Haute Marne	13,377	59.2	2,247	10.0	6,958	30.8	22,582
Mayenne	59,646	59.7	9,932	9.9	30,365	30.4	99,943
Meurthe & Moselle	11,785	55.7	2,275	10.7	7,103	33.6	21,163
Meuse	13,795	61.2	2,214	9.8	6,530	29.0	22,539
Morbihan	50,043	63.4	6,859	8.7	22,016	27.9	78,918
Moselle	15,879	55.8	3,144	11.1	9,428	33.1	28,451
Nièvre	337	40.9	142	17.2	345	41.9	824
Nord	25,847	59.6	3,917	9.0	13,586	31.3	43,350
Oise	4,843	54.2	1,028	11.5	3,066	34.3	8,937
Orne	37,304	57.7	6,281	9.7	21,026	32.5	64,611
Pas de Calais	19,788	56.1	3,857	10.9	11,639	33.0	35,284
Puy de Dôme	18,682	53.9	3,810	11.0	12,160	35.1	34,652
Pyrénées Atlantiques	5,082	50.9	1,267	12.7	3,638	36.4	9,987
Hautes Pyrénées	1,125	48.6	310	13.4	879	38.0	2,314
Pyrénées Orientales	71	44.1	21	13.0	69	42.9	161
Bas Rhin	13,333	60.5	1,943	8.8	6,769	30.7	22,045
Haut Rhin	6,016	51.4	1,470	12.6	4,223	36.1	11,709
Rhône	10,236	54.1	2,138	11.3	6,530	34.5	18,904
Haute Saône	17,349	56.8	3,248	10.6	9,973	32.6	30,570
Saône & Loire	7,922	51.9	1,935	12.7	5,396	35.4	15,253
Sarthe	22,481	58.3	4,033	10.5	12,016	31.2	38,530
Savoie	12,030	52.3	2,385	10.4	8,595	37.4	23,010
Haute Savoie	22,104	61.3	2,571	7.1	11,382	31.6	36,057
Seine Maritime	23,159	54.4	4,786	11.2	14,648	34.4	42,593
Seine & Marne	1,291	49.6	378	14.5	932	35.8	2,601
Yvelines	647	52.0	138	11.1	459	36.9	1,244
Deux Sèvres	10,751	58.4	2,031	11.0	5,640	30.6	18,422
Somme	11,084	53.5	2,512	12.1	7,111	34.3	20,707
Tarn	3,773	46.2	1,269	15.5	3,124	38.3	8,166
Tarn & Garonne	1,203	39.8	555	18.4	1,262	41.8	3,020
Vendée	27,352	59.9	4,713	10.3	13,573	29.7	45,638
Vienne	2,787	53.2	676	12.9	1,776	33.9	5,239
Haute Vienne	1,852	47.0	544	13.8	1,542	39.2	3,938
Vosges	21,562	56.9	3,931	10.4	12,393	32.7	37,886
Yonne	3,445	46.4	1,226	16.5	2,760	37.1	7,431
Territoire de Belfort	1,851	53.6	440	12.7	1,164	33.7	3,455
Val d'Oise	93	56.7	14	8.5	57	34.8	164
Réunion	1,046	47.6	345	15.7	805	36.7	2,196
France	1,139,587	57.9	202,656	10.3	626,274	31.8	1,968,517

¹Only the local areas which count up more than 40 results are listed here.



Milk recording results - Goats France – Year 2022

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

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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 3 March 2023).

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 2022.

One lactation per « active » goat, the last terminated one, is taken into account in the process (under condition of kidding date after January 1st, 2019). 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 2022

With 233,461 the number of qualified lactations is slightly decreasing in 2022 (-2,317 lactations -1%). At the same time, the number of flocks is slightly increasing to reach 1,466 flocks (+0.6%).

Flocks with more than 250 lactations represent 20.6% of herds and 48.2% of lactations.

The two main breeds (Alpine and Saanen) represent henceforth 96.6% of the total of qualified lactations. The proportion of primiparous dairy goats is slightly increasing and reaches 36.6 % (+0.6%), confirming the trend observed since 2018 (+0.8% in 2019, +1.7% in 2020, +0.5% in 2021).

With an average at 1002 Kg the milk yield per goat passes the 1000 Kg mark for the first time. Lactation duration increases significantly and reach 327 days (+6) confirming the trend observed for a few years (298 days in 2014). Meanwhile true-protein is stable at 33.6 g/Kg and with 37.5 g/Kg fat rates is decreasing (-0.2).

A simplified milk recording (CLS), not presented in this document, exists in addition to the Official Milk Recording (CLO) the results of which are presented in this document. Simplified milk recording concerns 352 herds and 70,330 goats in 2022.



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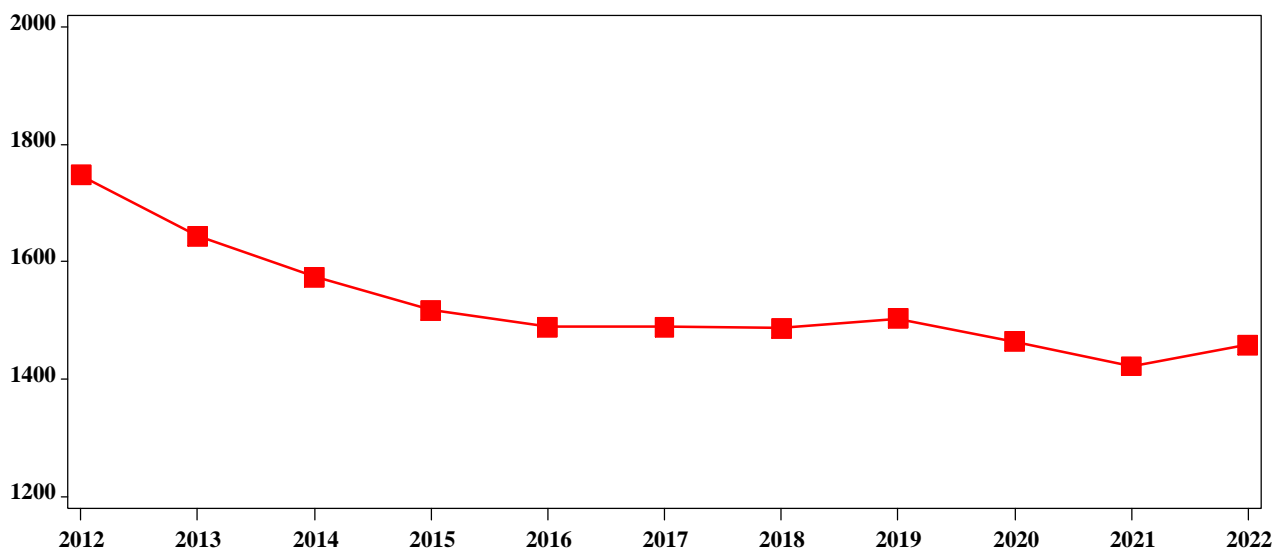


I - NATIONAL RESULTS

1.1 - Overall milk recorded population

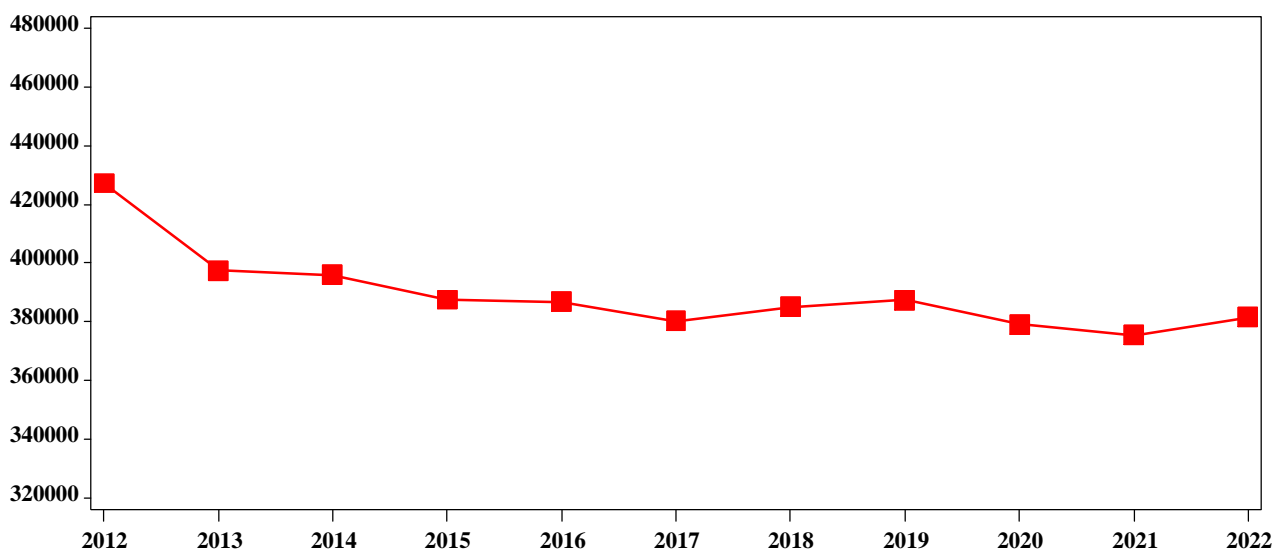
1.1.1 - Total number of active herds in 2022*

1,458 herds



1.1.2 - Total number of active goats in 2022*

381,577 goats



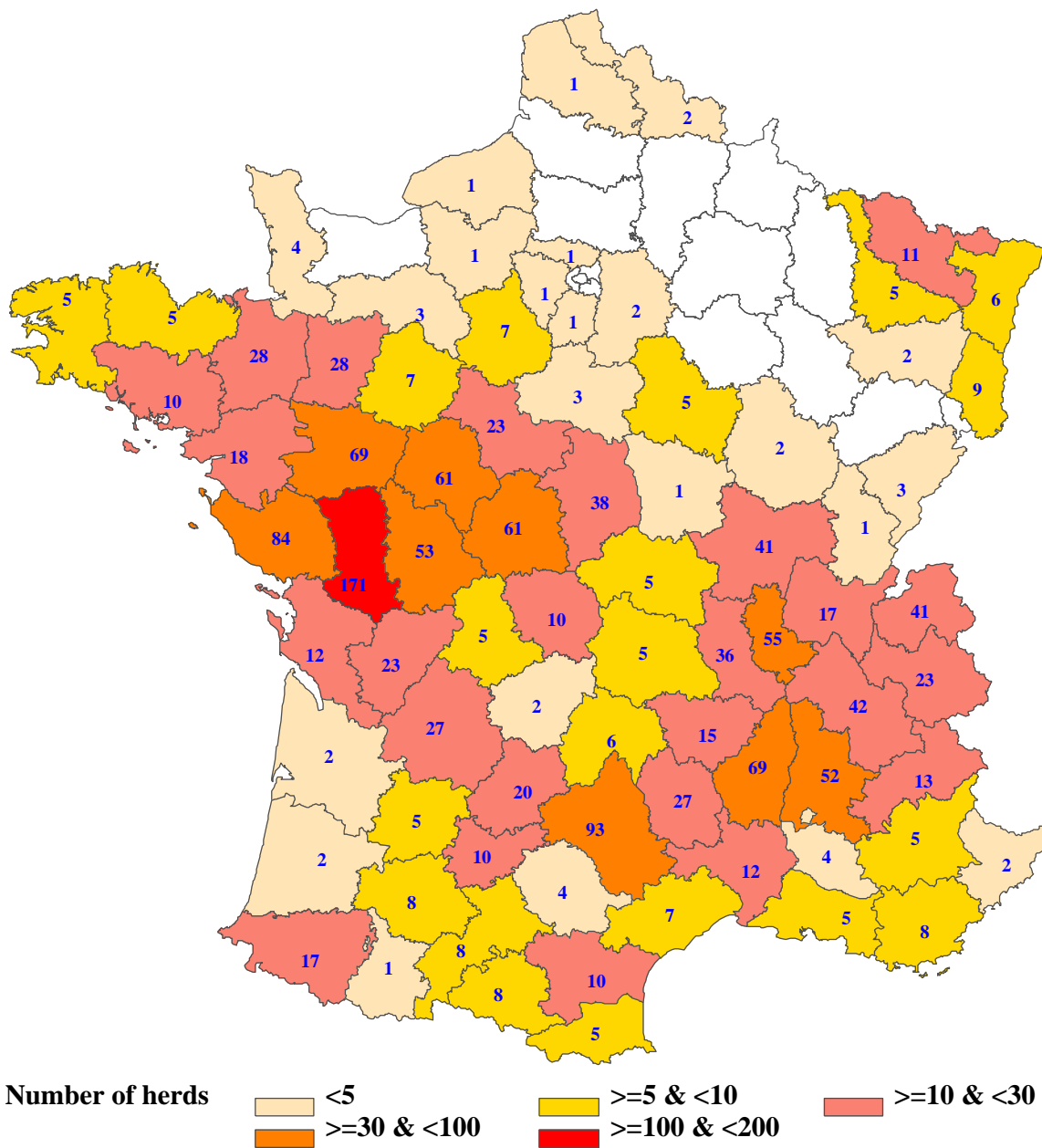
* For information about how the number of « active herds » and « active goats » is calculated, refer to « Data processing » paragraph (cf. page 2).



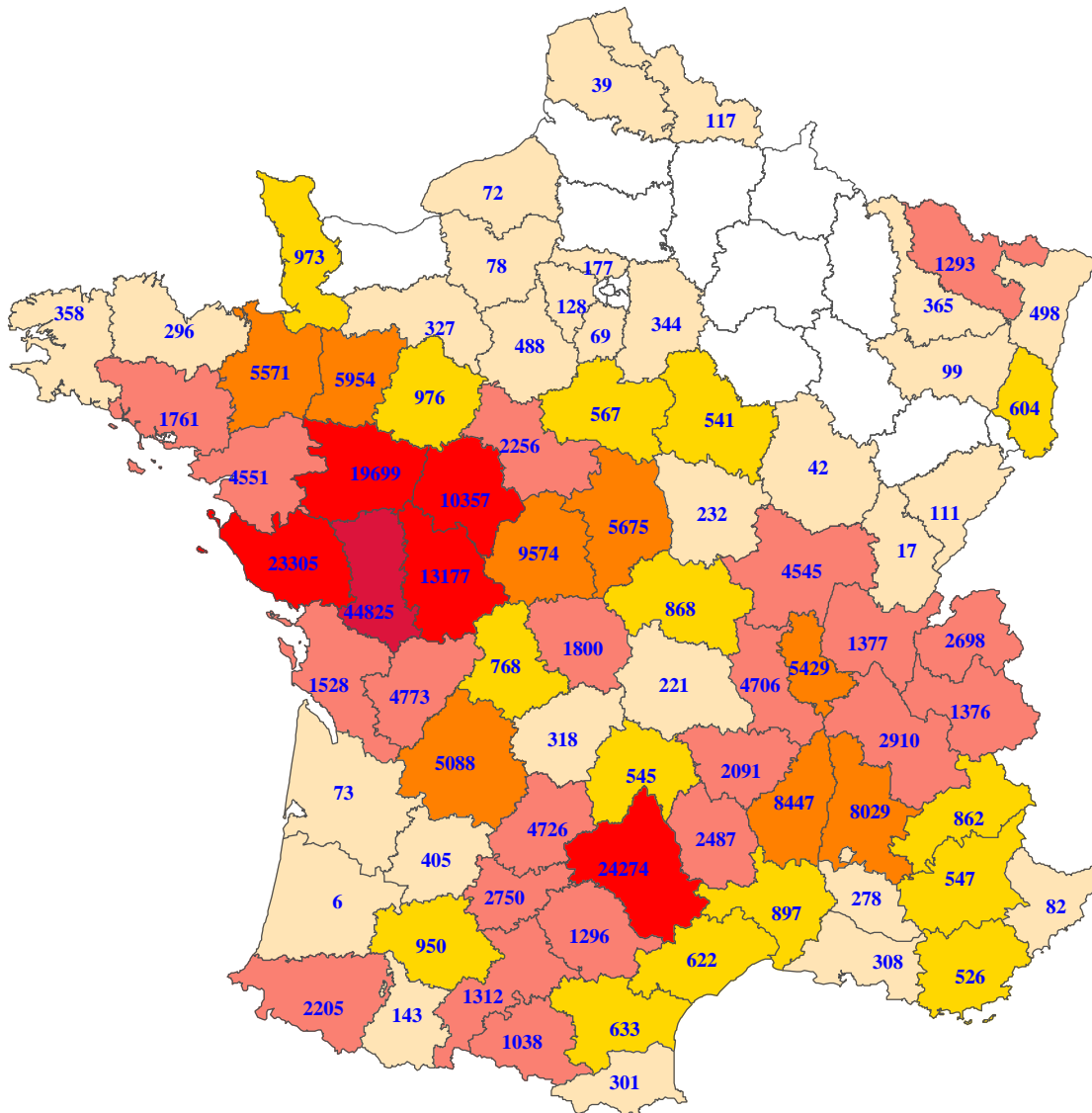
1.2 - Terminated lactations

Total number of herds with terminated lactations	1,495
Total number of terminated lactations	259,754
Average number of terminated lactations per herd	173.7
Total number of herds with qualified lactations	1,466
Total number of herds with qualified lactations	233,461

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	
	2019		2020		2021		2022			
	Nb	%	Nb	%	Nb	%	Nb	%	Nb	%
2019	452	0.2	671	0.3	1,816	0.8	967	0.4	3,906	1.7
2020			2,147	0.9	18,823	8.1	6,634	2.8	27,604	11.8
2021					30,120	12.9	69,021	29.6	99,141	42.5
2022							102,810	44.0	102,810	44.0
Total	452	0.2	2,818	1.2	50,759	21.7	179,432	76.9	233,461	100

For example: 102,810 qualified lactations (that is to say 44.0 % of the overall total) match the following criteria: a calving date and a drying off date in 2022.

1.3.2 - Results of the campaign

Parity		First lactations	Lactations 2 and over	Overall total
Number of lactations	kg	85,482	147,979	233,461
Lactation duration	days	342	318	327
Milk yield	kg	970	1,021	1,002
True protein content	kg	32.7	34.2	33.6
True protein ‰	g/kg	33.7	33.5	33.6
Fat content	kg	37.4	37.7	37.6
Fat ‰	g/kg	38.5	36.9	37.5

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
2022	259,754	233,461	327	1,002	33.6	33.6	37.6	37.5



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	85,482	36.6	342	970	33.7	38.5
2	63,307	27.1	325	1,055	33.7	37.3
3	39,444	16.9	319	1,044	33.5	36.8
4	22,687	9.7	313	997	33.2	36.6
5	11,799	5.1	309	950	33.0	36.4
6	5,816	2.5	302	899	32.8	36.2
7	2,803	1.2	299	844	32.6	36.4
8 and over	2,123	0.9	294	791	32.3	36.5
Overall total	233,461	100	327	1,002	33.6	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	313	21.4	7,747	3.3	309	802	33.6	37.0
>=50 & <99	312	21.3	22,247	9.5	315	841	33.6	37.5
>=100 & <149	213	14.5	26,450	11.3	329	961	33.7	37.9
>=150 & <249	326	22.2	64,410	27.6	330	1,009	33.7	37.5
>=250 & <499	257	17.5	84,745	36.3	330	1,054	33.5	37.3
>=500 and over	45	3.1	27,862	11.9	321	1,053	33.4	38.0
Total	1,466	100	233,461	100	327	1,002	33.6	37.5



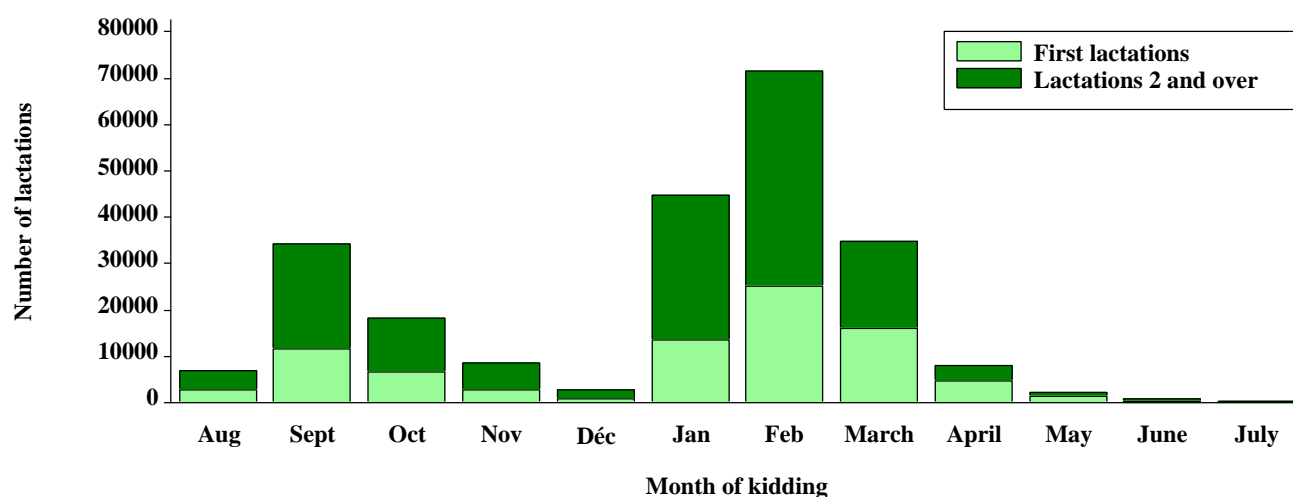
2.3 - Distribution of lactations according to the month of kidding

2.3.1 - First lactations

Month of kidding	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>						
August	2,667	3.1	358	1,027	35.2	34.3	40.0	38.9
September	11,709	13.7	363	1,080	37.1	34.4	42.9	39.7
October	6,493	7.6	349	987	33.8	34.2	39.2	39.8
November	2,831	3.3	355	985	33.5	34.0	39.1	39.6
December	846	1.0	336	920	31.2	33.9	35.4	38.5
January	13,433	15.7	338	1,000	33.3	33.3	37.8	37.8
February	25,213	29.5	335	931	31.2	33.5	35.4	38.1
March	15,954	18.7	335	929	31.2	33.6	35.4	38.1
April	4,611	5.4	336	926	31.3	33.8	35.2	38.0
May	1,254	1.5	309	879	29.8	33.9	33.7	38.3
June	334	0.4	344	961	32.6	33.9	37.6	39.1
July	137	0.2	399	1,173	41.1	35.1	44.4	37.9
Overall total	85,482	100	342	970	32.7	33.7	37.4	38.5

2.3.2 - Lactations 2 and over

Month of kidding	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>						
August	4,332	2.9	333	1,016	35.1	34.5	38.3	37.7
September	22,506	15.2	323	1,020	35.2	34.5	39.0	38.3
October	11,843	8.0	319	962	33.1	34.4	37.0	38.5
November	5,665	3.8	323	975	33.0	33.9	37.2	38.1
December	2,003	1.4	322	1,007	33.8	33.6	36.8	36.6
January	31,414	21.2	319	1,087	35.9	33.1	39.6	36.4
February	46,481	31.4	316	1,018	33.6	33.0	37.1	36.4
March	18,864	12.7	311	988	32.8	33.1	35.8	36.3
April	3,422	2.3	313	961	31.9	33.2	34.6	36.1
May	915	0.6	305	927	31.3	33.8	33.9	36.6
June	418	0.3	294	926	30.7	33.1	35.0	37.8
July	116	0.1	334	1,090	36.4	33.4	40.8	37.4
Overall total	147,979	100	318	1,021	34.2	33.5	37.7	36.9

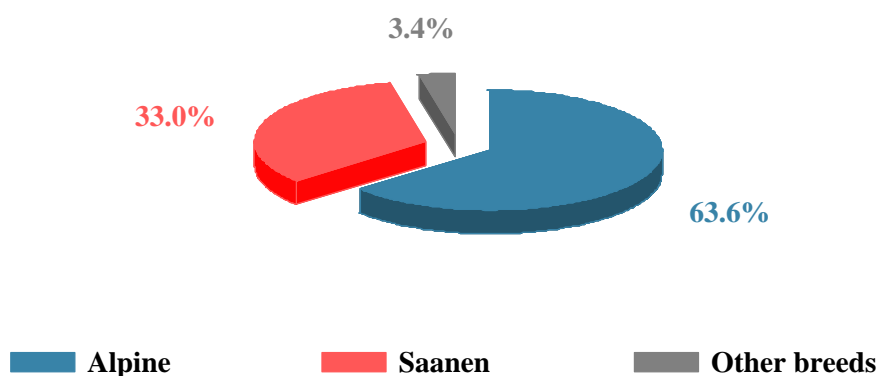


III - RESULTS PER BREED

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	148,517	323	987	33.5	33.9	37.6	38.1	394	2.4
Saanen	77,062	334	1,050	34.6	32.9	38.3	36.5	406	2.3
Crossbred	6,670	322	883	29.5	33.4	33.0	37.3	403	2.5
Poitevine	388	264	497	15.1	30.3	17.0	34.1	396	3.4
Chèvre des Savoie	334	276	474	13.8	29.1	16.5	34.9	350	3.0
Chèvre de Lorraine	116	249	510	15.1	29.7	17.6	34.5	351	2.8
Massif Central	81	304	522	15.1	28.9	17.9	34.2	358	2.4
Other breeds	293	277	532	16.8	31.6	20.2	37.9	365	3.0
Overall total	233,461	327	1,002	33.6	33.6	37.6	37.5	398	2.4



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	148,517	250	819	33.3	37.5
Saanen	77,062	250	824	32.4	36.1
Crossbred	6,670	250	717	32.8	36.8
Poitevine	388	230	454	29.8	33.9
Chèvre des Savoie	334	150	311	28.6	34.5
Chèvre de Lorraine	116	200	456	29.4	34.5
Massif Central	81	150	338	27.5	33.7
Other breeds	293	150	350	30.7	37.1
Overall total	233,461		815	33.0	37.0

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	51,710	391
Saanen	27,370	388
Crossbred	1,951	410
Poitevine	85	575
Chèvre des Savoie	83	431
Chèvre de Lorraine	29	NS*
Massif Central	1	NS*
Other breeds	70	397

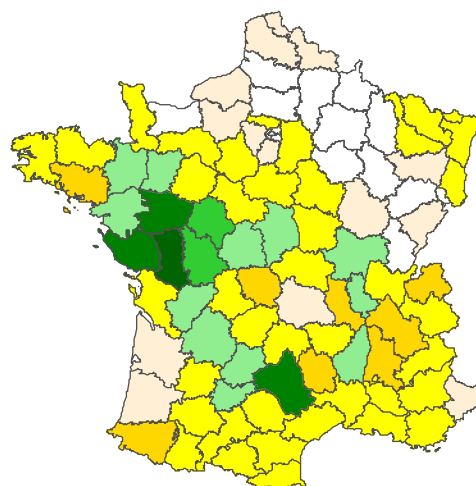
*NS : Not significant (cf. paragraph « Data processing » page 2 for details).



3.2 - Results per breed

Breed ALPINE (French breed code: 13)

Geographical distribution of qualified lactations of Alpine breed

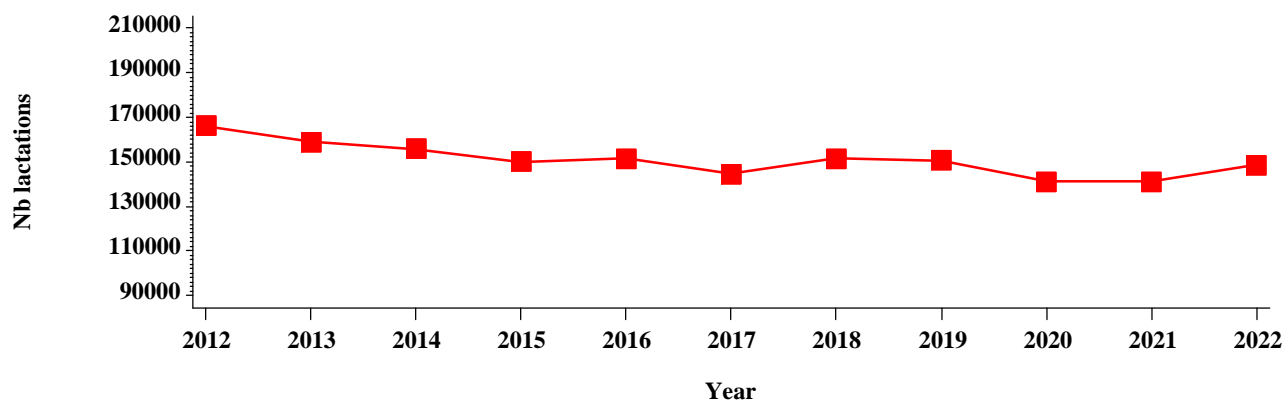


	First lactations	Lactations 2 and over	All lactations	Number of herds for Alpine breed*
Number of lactations	54,072	94,445	148,517	1,151
Lactation duration <i>days</i>	335	317	323	
Milk yield <i>kg</i>	929	1,020	987	
True protein content <i>kg</i>	31.7	34.5	33.5	
True protein % <i>g/kg</i>	34.2	33.8	33.9	
Fat content <i>kg</i>	36.3	38.2	37.6	
Fat % <i>g/kg</i>	39.1	37.5	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	36.4	27.1	16.8	9.7	5.2	2.6	1.3	1.0

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	1,326	2.5	337	922	34.5	40.2	2,300	2.4	325	985	35.1	39.2
September	6,503	12.0	353	1,016	34.9	40.8	12,446	13.2	321	1,015	35.1	39.1
October	4,006	7.4	342	960	34.7	40.3	6,862	7.3	320	977	35.1	39.2
November	1,476	2.7	364	1,023	34.7	40.0	3,018	3.2	324	992	34.7	38.8
December	533	1.0	338	927	34.3	39.2	1,183	1.3	307	1,021	33.9	37.1
January	8,209	15.2	332	960	33.8	38.6	21,159	22.4	318	1,094	33.4	37.1
February	17,009	31.5	333	906	33.9	38.6	31,687	33.6	316	1,013	33.3	36.9
March	10,588	19.6	328	885	34.0	38.7	12,890	13.6	310	975	33.5	36.9
April	3,240	6.0	321	863	34.2	38.6	2,073	2.2	309	946	33.9	36.9
May	877	1.6	306	848	34.2	38.8	543	0.6	308	905	34.3	36.7
June	215	0.4	331	957	34.1	39.4	212	0.2	270	833	33.3	38.3
July	90	0.2	436	1,332	35.8	38.5	72	0.1	330	1,151	33.1	37.8
Overall total	54,072	100	335	929	34.2	39.1	94,445	100	317	1,020	33.8	37.5

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	359	0.7	377	1,032	35.1	39.2	250	686	33.6	38.2
>= 330 et < 365 days	14,090	26.1	345	957	34.2	39.2	250	739	33.2	38.4
>= 365 et < 420 days	31,066	57.5	331	921	34.1	39.1	250	734	33.2	38.4
>= 420 days	6,193	11.5	341	961	34.4	39.0	250	678	33.1	37.8
Age unknown	2,364	4.4	306	762	33.8	39.1	250	617	33.0	38.5
Overall total	54,072	100	335	929	34.2	39.1		724	33.2	38.3

Distribution of primiparous per lactation duration

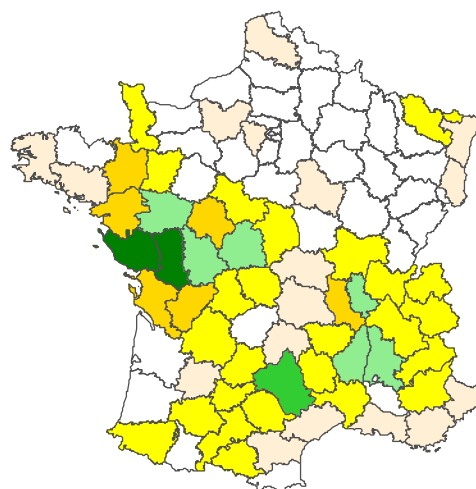
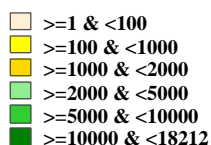
Lactation duration	Complete lactations						Reference lactations			
	Nb	%	Lactation duration days	Milk yield kg	True protein % g/kg	Fat % g/kg	Reference duration days	Milk yield kg	True protein % g/kg	Fat % g/kg
< 450 days	47,273	87.4	291	792	33.6	38.6	250	712	33.2	38.3
>= 450 days	6,799	12.6	643	1,877	35.7	40.5	250	802	33.1	38.4
Overall total	54,072	100	335	929	34.2	39.1		724	33.2	38.3



Results per breed

Breed SAANEN (French breed code: 11)

Geographical distribution of qualified lactations of Saanen breed

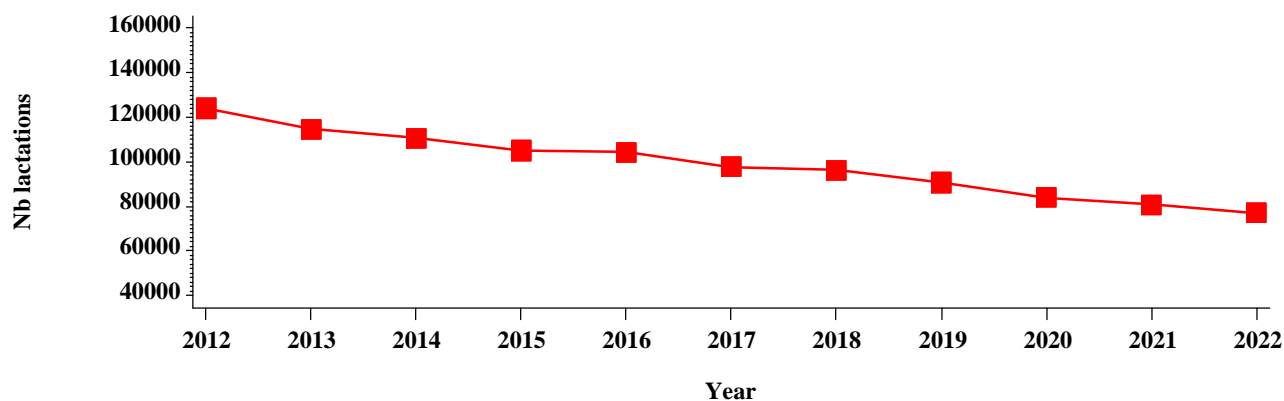


	First lactations	Lactations 2 and over	All lactations	Number of herds for Saanen breed*
Number of lactations	28,922	48,140	77,062	710
Lactation duration <i>days</i>	355	322	334	
Milk yield <i>kg</i>	1,064	1,042	1,050	
True protein content <i>kg</i>	35.2	34.2	34.6	
True protein % <i>g/kg</i>	33.1	32.8	32.9	
Fat content <i>kg</i>	39.9	37.4	38.3	
Fat % <i>g/kg</i>	37.5	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	37.5	27.2	16.9	9.7	4.7	2.3	1.0	0.6

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 % ₀	Fat % ₀	Lactations		Lactation duration	Milk yield	True protein % ₀	Fat % ₀
	Nb	%	days	kg	g/kg	g/kg	Nb	%	days	kg	g/kg	g/kg
August	1,287	4.4	380	1,139	34.0	37.9	1,945	4.0	343	1,053	33.9	36.2
September	4,915	17.0	377	1,172	33.7	38.5	9,404	19.5	326	1,032	33.8	37.2
October	2,246	7.8	361	1,040	33.4	39.0	4,498	9.3	319	943	33.4	37.5
November	1,227	4.2	345	958	33.1	39.2	2,323	4.8	324	990	33.0	37.4
December	277	1.0	338	934	33.4	37.2	707	1.5	349	1,020	33.2	35.8
January	4,999	17.3	346	1,071	32.5	36.7	9,325	19.4	323	1,101	32.2	35.0
February	7,464	25.8	342	1,005	32.7	37.0	13,110	27.2	316	1,052	32.3	35.4
March	4,846	16.8	354	1,057	32.9	37.0	5,202	10.8	317	1,043	32.5	34.9
April	1,215	4.2	381	1,119	32.9	36.8	1,141	2.4	323	1,014	32.1	34.5
May	325	1.1	326	1,010	33.0	37.3	296	0.6	307	991	33.1	36.5
June	85	0.3	362	993	33.6	37.8	150	0.3	308	1,106	32.7	36.5
July	36	0.1	340	919	32.7	35.2	39	0.1	358	1,046	34.0	36.7
Overall total	28,922	100	355	1,064	33.1	37.5	48,140	100	322	1,042	32.8	35.9

Distribution of primiparous per age at kidding

Age at 1st kidding	Complete lactations						Reference lactations			
	Nb	%	Lactation duration days	Milk yield kg	True protein % ₀ g/kg	Fat % ₀ g/kg	Reference duration days	Milk yield kg	True protein % ₀ g/kg	Fat % ₀ g/kg
>= 240 et < 330 days	397	1.4	371	1,172	33.1	36.8	250	803	32.3	36.3
>= 330 et < 365 days	8,959	31.0	359	1,082	33.1	37.6	250	769	32.3	37.1
>= 365 et < 420 days	14,924	51.6	350	1,047	33.0	37.6	250	759	32.2	37.1
>= 420 days	3,081	10.7	362	1,092	33.1	37.3	250	706	32.0	36.3
Age unknown	1,561	5.4	374	1,047	33.2	36.9	250	689	32.1	36.2
Overall total	28,922	100	355	1,064	33.1	37.5		753	32.2	37.0

Distribution of primiparous per lactation duration

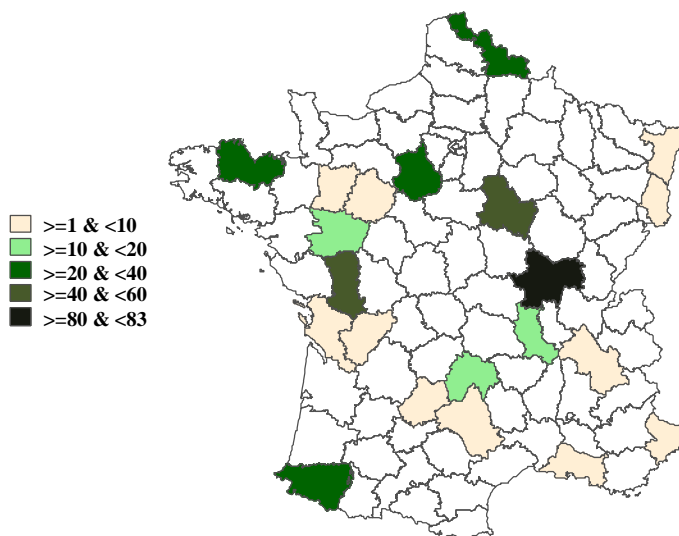
Lactation duration	Complete lactations						Reference lactations			
	Nb	%	Lactation duration days	Milk yield kg	True protein % ₀ g/kg	Fat % ₀ g/kg	Reference duration days	Milk yield kg	True protein % ₀ g/kg	Fat % ₀ g/kg
< 450 days	24,420	84.4	296	860	32.6	37.1	250	739	32.2	36.9
>= 450 days	4,502	15.6	679	2,170	34.0	38.3	250	833	32.3	37.4
Overall total	28,922	100	355	1,064	33.1	37.5		753	32.2	37.0



Results per breed

Breed POITEVINE (French breed code: 76)

Geographical distribution of qualified lactations of Poitevine breed

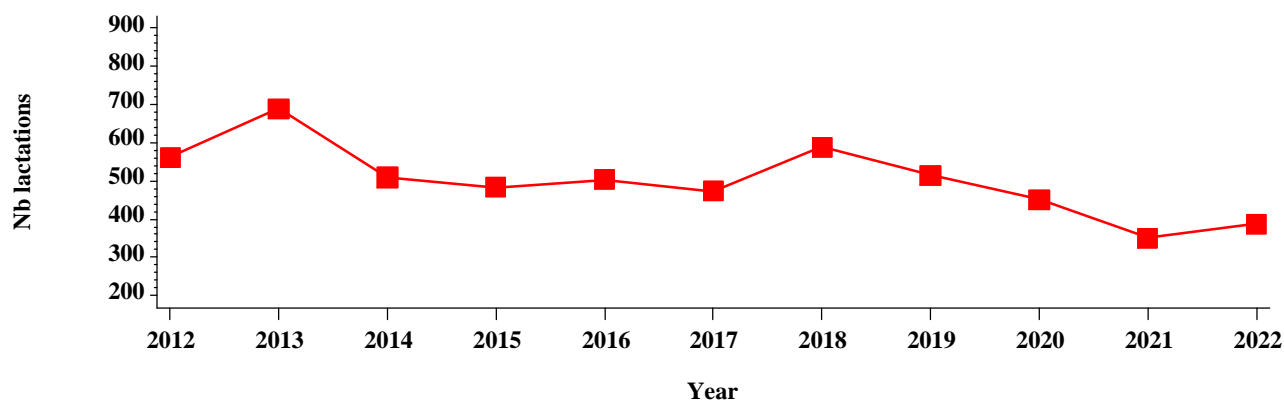


	First lactations	Lactations 2 and over	All lactations	Number of herds for Poitevine breed*
Number of lactations	116	272	388	27
Lactation duration <i>days</i>	267	262	264	
Milk yield <i>kg</i>	409	535	497	
True protein content <i>kg</i>	12.6	16.1	15.1	
True protein % <i>g/kg</i>	30.7	30.1	30.3	
Fat content <i>kg</i>	15.1	17.8	17.0	
Fat % <i>g/kg</i>	36.8	33.3	34.1	

* 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	29.9	18.6	17.5	7.7	4.9	4.4	9.5	7.5

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							2	0.7	279	514	31.1	41.5
November												
December												
January	11	9.5	308	489	28.0	35.0	22	8.1	300	634	29.5	32.7
February	52	44.8	279	423	30.3	37.0	118	43.4	283	595	30.8	34.7
March	35	30.2	279	460	32.0	37.5	72	26.5	253	495	29.8	32.1
April	8	6.9	214	244	30.7	35.2	51	18.8	227	450	28.8	30.8
May	10	8.6	168	203	32.4	36.1	5	1.8	148	242	31.9	33.8
June							2	0.7	110	280	28.1	30.9
July												
Overall total	116	100	267	409	30.7	36.8	272	100	262	535	30.1	33.3

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	0.9	298	252	30.3	43.3	230	233	30.4	43.8
>= 330 et < 365 days	18	15.5	274	448	28.9	33.8	230	409	28.4	33.2
>= 365 et < 420 days	21	18.1	267	406	33.2	39.9	230	378	32.9	39.5
>= 420 days	45	38.8	252	398	29.4	35.5	230	356	29.1	35.2
Age unknown	31	26.7	285	410	32.1	38.4	230	345	30.9	38.9
Overall total	116	100	267	409	30.7	36.8		364	30.1	36.6

Distribution of primiparous per lactation duration

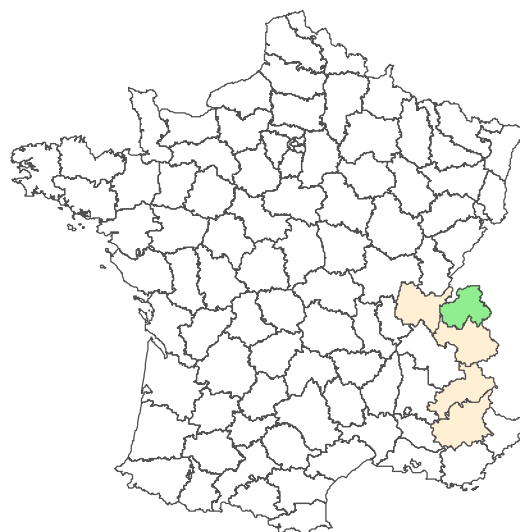
Lactation duration	Complete lactations						Reference lactations			
	Nb	%	Lactation duration days	Milk yield kg	True protein % g/kg	Fat % g/kg	Reference duration days	Milk yield kg	True protein % g/kg	Fat % g/kg
< 450 days	115	99.1	264	391	30.5	37.2	230	358	30.1	36.9
>= 450 days	1	0.9	651	2,460	34.5	29.2	230	1,101	31.8	27.7
Overall total	116	100	267	409	30.7	36.8		364	30.1	36.6



Results per breed

Breed CHEVRE DES SAVOIE (French breed code: 47)

Geographical distribution of qualified lactations of Chevre des Savoie breed

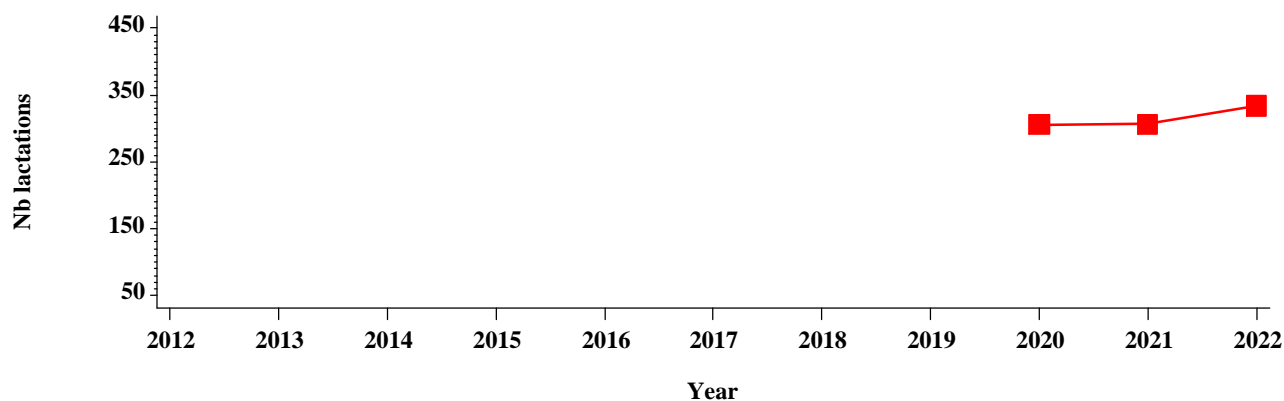


	First lactations	Lactations 2 and over	All lactations	Number of herds for Chevre des Savoie breed*
Number of lactations	97	237	334	18
Lactation duration <i>days</i>	253	286	276	
Milk yield <i>kg</i>	373	516	474	
True protein content <i>kg</i>	11.5	14.8	13.8	
True protein % <i>g/kg</i>	30.7	28.7	29.1	
Fat content <i>kg</i>	13.7	17.7	16.5	
Fat % <i>g/kg</i>	36.8	34.3	34.9	

* 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	29.0	22.8	17.7	6.6	12.6	3.0	4.2	4.2

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



Breed CHEVRE 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	8	8.2	267	816	32.1	37.4	14	5.9	306	707	30.2	35.5
November	1	1.0	303	439	30.3	33.0	41	17.3	284	452	30.1	37.1
December							10	4.2	302	330	30.5	35.2
January	12	12.4	269	229	29.9	37.0	67	28.3	288	462	28.7	34.4
February	20	20.6	265	427	30.6	37.1	71	30.0	287	576	28.0	33.6
March	40	41.2	254	353	29.7	35.1	31	13.1	271	543	27.5	32.5
April	15	15.5	224	249	33.4	41.9	3	1.3	243	611	26.0	28.0
May												
June												
July	1	1.0	88	71	30.5	41.1						
Overall total	97	100	253	373	30.7	36.8	237	100	286	516	28.7	34.3

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	8	8.2	289	845	32.2	37.5	150	443	32.3	38.6
>= 330 et < 365 days	5	5.2	256	239	29.9	34.3	150	175	30.3	34.7
>= 365 et < 420 days	45	46.4	274	409	29.8	35.7	150	290	29.2	35.6
>= 420 days	25	25.8	216	277	31.3	39.9	150	212	30.7	39.6
Age unknown	14	14.4	232	208	32.2	36.1	150	152	30.9	35.0
Overall total	97	100	253	373	30.7	36.8		256	30.1	36.8

Distribution of primiparous per lactation duration

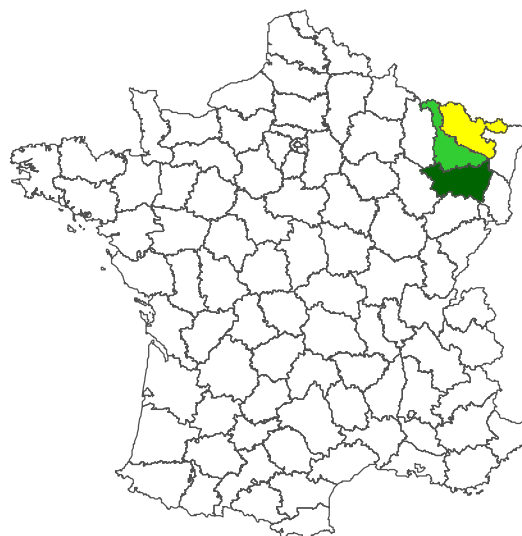
Lactation duration	Complete lactations						Reference lactations			
	Nb	%	Lactation duration days	Milk yield kg	True protein % g/kg	Fat % g/kg	Reference duration days	Milk yield kg	True protein % g/kg	Fat % g/kg
< 450 days	95	97.9	246	370	30.6	36.8	150	257	30.1	36.9
>= 450 days	2	2.1	583	514	33.5	38.6	150	249	29.7	35.5
Overall total	97	100	253	373	30.7	36.8		256	30.1	36.8



Résultats per breed

Breed CHEVRE DE LORRAINE (French breed code: 46)

Geographical distribution of qualified lactations of Chevre de Lorraine breed



	First lactations	Lactations 2 and over	All lactations	Number of herds for Chevre de Lorraine breed*
Number of lactations	30	86	116	5
Lactation duration <i>days</i>	228	256	249	
Milk yield <i>kg</i>	324	575	510	
True protein content <i>kg</i>	10.1	16.9	15.1	
True protein % <i>g/kg</i>	31.3	29.4	29.7	
Fat content <i>kg</i>	12.2	19.5	17.6	
Fat % <i>g/kg</i>	37.7	33.9	34.5	

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

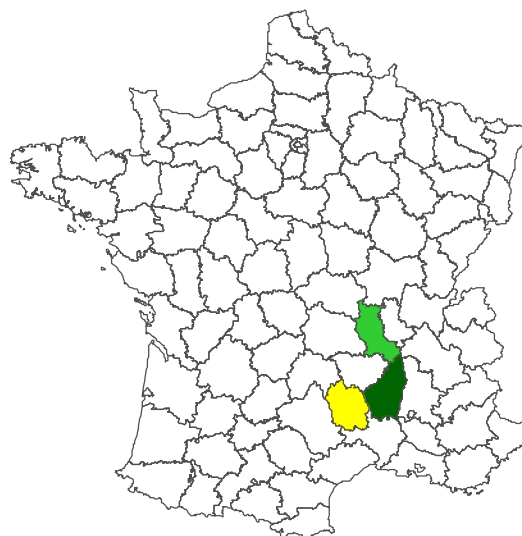
Parity	1	2	3	4	5	6	7	8 and over	Total
Number of lactations	30	42	10	10	14	6	1	3	116



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	30	51	81	3
Lactation duration <i>days</i>	296	309	304	
Milk yield <i>kg</i>	439	571	522	
True protein content <i>kg</i>	13.1	16.3	15.1	
True protein % <i>g/kg</i>	29.9	28.5	28.9	
Fat content <i>kg</i>	16.2	18.9	17.9	
Fat % <i>g/kg</i>	36.9	33.0	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	Total
Number of lactations	30	20	15	4	11	1	81



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	772	0.3	293	689	22.4	32.5	25.3	36.7
Aquitaine	6,803	2.9	317	967	32.6	33.7	35.4	36.6
Auvergne	2,566	1.1	308	993	33.7	33.9	37.8	38.0
Basse Normandie	1,266	0.5	375	1,139	39.1	34.3	42.3	37.1
Bourgogne	4,070	1.7	311	797	26.6	33.3	30.2	37.9
Bretagne	7,314	3.1	348	1,018	34.1	33.5	37.2	36.5
Centre	25,563	10.9	334	980	33.6	34.3	37.6	38.3
Franche Comté	75	0.0	269	487	14.9	30.6	17.4	35.7
Haute Normandie	138	0.1	386	1,130	37.9	33.5	45.2	40.0
Ile de France	683	0.3	284	813	26.9	33.1	27.8	34.2
Languedoc Roussillon	4,329	1.9	306	804	27.1	33.7	29.3	36.4
Limousin	2,604	1.1	294	801	26.8	33.5	30.2	37.7
Lorraine	1,199	0.5	302	899	29.6	32.9	34.8	38.6
Midi-Pyrénées	32,304	13.8	319	931	31.3	33.6	33.8	36.3
Nord-Pas de Calais	78	0.0	285	707	23.4	33.1	24.9	35.2
Pays de la Loire	51,035	21.9	325	1,061	35.3	33.3	40.7	38.3
Poitou-Charentes	59,043	25.3	337	1,108	37.3	33.6	41.4	37.4
Provence Alpes Cote d'Azur	2,497	1.1	269	718	24.0	33.5	26.3	36.6
Rhône Alpes	31,122	13.3	323	908	30.1	33.2	33.7	37.2

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

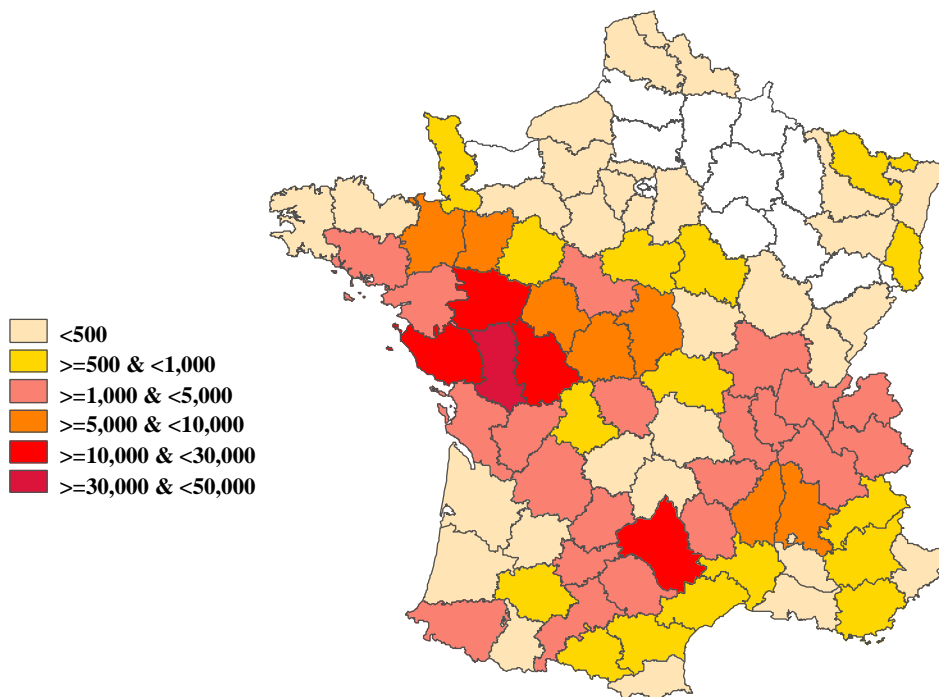
Region	Month of kidding											
	08	09	10	11	12	01	02	03	04	05	06	07
Alsace	0.1	8.5	16.1	3.9	1.2	11.7	34.1	20.7	3.1	0.3	0.4	
Aquitaine	3.0	12.7	5.0	1.7	0.6	13.7	36.6	18.3	4.0	2.4	2.0	0.1
Auvergne	6.5	27.6	3.5	0.2	0.0	3.4	27.5	22.3	7.2	1.5	0.1	0.2
Basse Normandie	9.6	7.3	4.7	0.8		2.2	26.6	36.0	8.7	3.1	0.9	
Bourgogne	0.3	6.7	14.1	4.3	0.6	15.0	33.4	18.8	5.1	0.7	0.2	0.6
Bretagne	3.3	3.3	0.4	1.0	1.6	12.6	33.3	27.2	13.2	3.3	0.7	0.1
Centre	3.8	22.0	12.6	4.5	1.9	7.0	21.1	18.1	6.1	2.0	0.7	0.2
Franche Comté						1.3	45.3	50.7	2.7			
Haute Normandie	0.7					5.8	29.7	40.6	4.3	2.2	13.0	3.6
Ile de France	0.6	0.1				24.9	45.2	21.8	4.4	2.9		
Languedoc Roussillon	4.3	5.2	5.1	2.6	0.1	8.0	32.4	30.6	8.1	2.7	0.9	0.0
Limousin	0.2	17.2	9.1	0.7		7.0	43.4	18.7	3.2	0.4	0.0	0.1
Lorraine	0.4	11.7	4.4	0.3	0.1	4.0	28.9	40.9	6.0	2.3	0.9	0.1
Midi-Pyrénées	3.3	13.9	12.8	4.8	1.8	24.4	26.0	10.1	2.2	0.6	0.1	0.0
Nord-Pas de Calais			1.3			26.9	29.5	38.5		3.8		
Pays de la Loire	2.1	7.9	1.4	0.5	0.3	28.0	40.9	15.7	2.6	0.5	0.1	0.0
Poitou-Charentes	3.0	19.3	9.0	5.5	1.2	19.0	27.9	11.8	2.4	0.6	0.1	0.1
Provence Alpes Cote d'Azur	2.7	8.0	3.7	0.4	0.1	8.5	45.1	25.8	4.1	1.4	0.2	0.0
Rhône Alpes	3.6	17.4	10.0	5.6	2.2	19.3	27.4	11.4	2.0	0.5	0.5	0.1



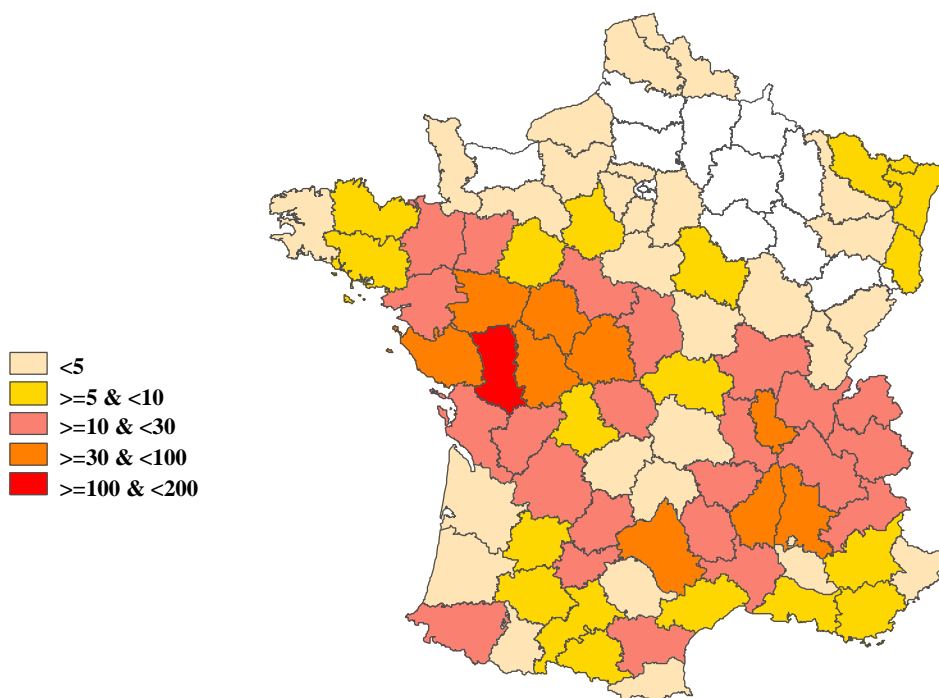
V - RESULTATS PER LOCAL AREA (= FRENCH « DÉPARTEMENT »)

5.1 - Geographical distributions

Distribution of qualified lactations



Herd distribution (counted up with qualified lactations)



5.2 - Detailed results per local area

Local area 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	17	1,288	76	296	712	32.7	37.1
03	Allier	5	849	170	316	997	34.8	39.2
04	Alpes Hte Provence	5	529	106	279	731	32.7	35.3
05	Hautes Alpes	13	824	63	271	688	33.1	38.3
06	Alpes Maritimes	2	67	34				
07	Ardèche	69	8,068	117	322	930	33.0	37.3
09	Ariège	8	936	117	306	918	34.5	37.5
11	Aude	10	514	51	261	610	34.0	35.9
12	Aveyron	93	21,154	228	318	947	33.6	36.6
13	Bouches du Rhône	5	305	61	280	802	34.2	34.5
15	Cantal	4	300	75	315	952	35.3	39.3
16	Charente	22	4,156	189	336	1,076	34.2	37.6
17	Charente Maritime	12	1,464	122	314	1,029	32.4	35.9
18	Cher	37	5,500	149	306	865	34.1	38.3
19	Corrèze	2	295	148				
21	Côte d'Or	2	42	21				
22	Côtes d'Armor	5	278	56	314	924	34.7	36.4
23	Creuse	10	1,745	175	298	832	34.0	39.1
24	Dordogne	27	4,522	168	317	980	33.7	36.7
25	Doubs	2	74	37				
26	Drôme	52	7,274	140	324	917	33.1	36.7
27	Eure	1	68	68				
28	Eure & Loir	7	463	66	313	951	34.2	37.3
29	Finistère	4	292	73	297	583	32.7	36.6
30	Gard	12	725	60	363	1,004	33.5	36.2
31	Haute Garonne	8	1,093	137	330	845	33.7	37.4
32	Gers	8	911	114	334	958	32.8	35.0
33	Gironde	2	31	16				
34	Hérault	7	615	88	300	789	34.0	36.8
35	Ille & Vilaine	27	5,318	197	359	1,067	33.4	36.2
36	Indre	59	7,476	127	342	962	34.2	38.3
37	Indre & Loire	60	9,804	163	346	1,056	34.6	38.9
38	Isère	42	2,670	64	319	943	33.9	37.0
39	Jura	1	1	1				
40	Landes	2	6	3				
41	Loir & Cher	22	1,757	80	333	1,052	34.4	36.5
42	Loire	30	3,384	113	340	1,073	33.1	37.0
43	Haute Loire	15	1,352	90	303	1,018	33.2	37.0
44	Loire Atlantique	17	3,895	229	316	936	32.5	36.4
45	Loiret	3	563	188	297	813	33.0	36.5
46	Lot	20	4,365	218	314	871	33.8	34.8
47	Lot & Garonne	5	291	58	359	1,188	34.0	38.6
48	Lozère	27	2,321	86	306	817	33.7	36.5
49	Maine & Loire	69	19,075	276	324	1,079	33.7	39.0
50	Manche	4	944	236	388	1,173	34.0	37.6
53	Mayenne	28	5,205	186	332	961	34.0	39.6
54	Meurthe & Moselle	4	275	69	281	797	32.6	38.5
56	Morbihan	8	1,426	178	325	943	33.8	37.8

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	9	827	92	314	977	33.2	39.2
58 Nièvre	1	229	229				
59 Nord	2	41	21				
61 Orne	3	322	107	339	1,040	35.2	35.7
62 Pas de Calais	1	37	37				
63 Puy de Dôme	4	65	16	264	623	32.0	38.0
64 Pyrénées Atlantiques	17	1,953	115	313	916	33.7	36.0
65 Hautes Pyrénées	1	143	143				
66 Pyrénées Orientales	4	154	39	221	390	32.5	37.3
67 Bas Rhin	6	268	45	296	766	33.3	38.2
68 Haut Rhin	9	504	56	292	648	32.1	35.8
69 Rhône	55	4,784	87	326	892	33.3	37.8
71 Saône & Loire	39	3,281	84	307	785	32.9	38.1
72 Sarthe	7	935	134	328	972	33.2	39.5
73 Savoie	23	1,184	52	333	808	33.2	36.7
74 Haute Savoie	40	2,470	62	309	722	33.4	37.6
76 Seine Maritime	1	70	70				
77 Seine & Marne	2	329	165				
78 Yvelines	1	128	128				
79 Deux Sèvres	170	42,912	252	336	1,115	33.5	37.1
81 Tarn	4	1,185	296	312	895	32.8	35.7
82 Tarn & Garonne	10	2,517	252	333	957	33.7	35.8
83 Var	8	511	64	255	692	33.9	35.9
84 Vaucluse	4	261	65	259	825	34.4	37.6
85 Vendée	84	21,925	261	327	1,096	32.9	37.8
86 Vienne	53	10,511	198	346	1,104	34.1	38.8
87 Haute Vienne	5	564	113	282	704	32.6	35.8
88 Vosges	2	97	49				
89 Yonne	5	518	104	324	843	34.3	37.2
91 Essonne	1	57	57				
95 Val d'Oise	1	169	169				

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	17.8	82.2					1,288
03	Allier		96.3	3.7				849
04	Alpes Hte Provence	36.5	63.5					529
05	Hautes Alpes	6.4	91.5	2.1				824
06	Alpes Maritimes	43.3	56.7					67
07	Ardèche	2.6	89.6	6.5	1.3			8,068
09	Ariège			100				936
11	Aude	47.7		52.3				514
12	Aveyron		88.8	11.2				21,154
13	Bouches du Rhône		5.6	94.4				305
15	Cantal	12.3	2.3	85.3				300
16	Charente	22.8	11.3	65.9				4,156
17	Charente Maritime	0.6	28.1				71.3	1,464
18	Cher	58.5	30.5	5.6	5.4			5,500
19	Corrèze		100					295
21	Côte d'Or	92.9			7.1			42
22	Côtes d'Armor	27.7	1.4	70.9				278
23	Creuse	53.9	40.6		5.5			1,745
24	Dordogne	5.6	39.8	54.6				4,522
25	Doubs	100						74
26	Drôme	2.6	93.8	3.6				7,274
27	Eure	69.1		30.9				68
28	Eure & Loir	100						463
29	Finistère	100						292
30	Gard	8.4	30.3	61.2				725
31	Haute Garonne		9.5	90.5				1,093
32	Gers			100				911
33	Gironde			100				31
34	Hérault			100				615
35	Ille & Vilaine	0.1	25.2		74.7			5,318
36	Indre	45.9	47.0	7.1				7,476
37	Indre & Loire	52.1			0.3	0.1	44.6	9,804
38	Isère	31.5	68.0	0.6				2,670
39	Jura	100						1
40	Landes			100				6
41	Loir & Cher	94.9	1.3	1.4			2.4	1,757
42	Loire	10.5	89.5					3,384
43	Haute Loire		97.3	2.7				1,352
44	Loire Atlantique	3.0	18.9	23.8			54.4	3,895
45	Loiret				100			563
46	Lot		14.6	85.4				4,365
47	Lot & Garonne			100				291
48	Lozère	6.2	48.3	45.5				2,321
49	Maine & Loire	12.2	15.5	10.7	2.1		37.1	19,075
50	Manche		16.1		83.9			944
53	Mayenne	14.6	9.5	16.4			30.2	5,205
54	Meurthe & Moselle	100						275
56	Morbihan	81.2	3.9	14.9				1,426
57	Moselle	25.3	71.6		3.1			827
58	Nièvre	100						229



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							41
61	Orne	64.9	33.5	1.6					322
62	Pas de Calais	100							37
63	Puy de Dôme	10.8	89.2						65
64	Pyrénées Atlantiques			100					1,953
65	Hautes Pyrénées			100					143
66	Pyrénées Orientales	79.2		20.8					154
67	Bas Rhin	100							268
68	Haut Rhin	100							504
69	Rhône	7.1	86.7	6.1					4,784
71	Saône & Loire	26.6	73.3	0.1					3,281
72	Sarthe	13.5	6.8				57.5	22.1	935
73	Savoie	57.8		42.2					1,184
74	Haute Savoie	57.7	4.0	38.3					2,470
76	Seine Maritime	100							70
77	Seine & Marne	24.0	76.0						329
78	Yvelines	100							128
79	Deux Sèvres	26.4	0.4	0.4	0.0	0.4	66.9	5.4	42,912
81	Tarn		85.1	14.9					1,185
82	Tarn & Garonne		78.7	21.3					2,517
83	Var	20.7	79.3						511
84	Vaucluse	13.0	64.8	22.2					261
85	Vendée	1.0	20.2	19.4			46.4	13.0	21,925
86	Vienne	30.7	6.7	59.4			2.1	1.1	10,511
87	Haute Vienne		43.6	56.4					564
88	Vosges	100							97
89	Yonne	32.8		8.7	58.5				518
91	Essonne			100					57
95	Val d'Oise		100						169
Overall total		19.0	32.5	16.8	2.8	0.1	23.9	5.0	233,461



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 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	6	169	312	797	33.8	31.6	250	668	33.3	30.9
	Alpine	15	939	312	704	37.9	33.1	250	598	37.4	32.5
	Crossbred	11	157	307	675	36.5	32.0	250	566	36.3	31.4
Allier	Alpine	5	755	340	1,009	39.4	34.8	250	808	39.2	34.4
	Crossbred	3	85	304	918	37.5	34.0	250	799	37.5	33.9
Alpes Hte Provence	Saanen	2	238	286	808	34.4	32.2	250	778	34.0	31.9
	Alpine	4	278	273	690	36.2	33.2	250	656	35.7	32.8
Hautes Alpes	Saanen	6	110	299	722	37.2	32.1	250	616	37.0	31.6
	Alpine	12	679	277	694	38.5	33.3	250	624	38.1	32.9
Alpes Maritimes	Alpine	2	46	253	474	36.3	32.0	250	463	36.3	31.8
Ardèche	Saanen	43	4,189	323	923	36.8	32.5	250	766	36.8	32.2
	Alpine	44	3,442	333	960	38.1	33.7	250	791	37.6	33.1
	Crossbred	25	369	305	799	35.7	31.6	250	706	35.4	31.3
	Massif Central	1	66								
Ariège	Saanen	4	104	305	841	36.2	33.4	250	711	36.0	32.8
	Alpine	8	752	305	921	37.5	34.6	250	783	37.0	34.0
	Crossbred	5	69	344	1,029	38.4	34.4	250	791	38.2	34.0
Aude	Saanen	4	90	270	571	33.2	31.1	250	550	33.0	30.9
	Alpine	9	395	258	625	36.5	34.7	250	604	36.3	34.5
Aveyron	Saanen	44	5,566	315	898	35.3	32.8	250	782	35.0	32.5
	Alpine	77	15,207	318	966	37.1	33.9	250	838	36.7	33.4
	Crossbred	40	378	328	924	36.5	33.6	250	774	36.3	33.2
Bouches du Rhône	Alpine	5	291	280	807	34.5	34.2	250	769	34.3	33.9
Cantal	Saanen	2	94	355	1,165	37.9	34.3	250	892	37.3	33.8
	Alpine	2	159	315	1,019	40.3	36.3	250	878	39.8	36.0
Charente	Saanen	11	1,363	323	1,055	35.6	32.5	250	867	35.2	31.9
	Alpine	18	2,699	345	1,090	38.6	35.0	250	850	38.1	34.5
	Crossbred	12	85	346	1,043	36.7	34.2	250	803	36.2	33.6
Charente Maritime	Saanen	11	1,330	333	1,036	35.8	32.4	250	823	35.2	31.8
	Alpine	7	111	329	917	37.2	32.9	250	765	36.5	32.3
Cher	Saanen	6	525	347	1,106	36.1	34.5	250	806	36.6	34.6
	Alpine	35	4,933	309	841	38.6	34.0	250	716	38.3	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 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	2	295	294	804	32.1	31.9	250	758	32.0	31.6
Côte d'Or	Alpine	2	42	269	664	32.2	32.7	250	650	32.1	32.4
Côtes d'Armor	Alpine	5	229	321	1,017	36.5	35.1	250	858	36.5	34.4
Creuse	Saanen	6	418	296	755	35.3	33.0	250	694	34.9	32.6
	Alpine	8	1,287	305	861	40.1	34.3	250	752	39.9	33.9
Dordogne	Saanen	10	775	310	1,001	34.3	32.6	250	863	34.0	32.2
	Alpine	24	3,676	319	979	37.2	33.9	250	843	37.0	33.5
	Crossbred	6	71	303	793	35.6	34.3	250	678	35.2	33.9
Doubs	Alpine	2	48	265	407	33.5	31.2	250	398	33.4	31.0
Drôme	Saanen	42	4,867	329	941	36.4	33.0	250	779	36.4	32.7
	Alpine	27	1,876	318	899	37.3	33.8	250	787	37.1	33.4
	Crossbred	23	489	311	781	37.4	32.1	250	680	37.0	31.7
Eure & Loir	Alpine	6	421	324	996	37.5	34.4	250	846	36.9	33.5
Finistère	Alpine	4	283	297	591	36.7	32.7	250	541	36.4	32.2
Gard	Saanen	4	112	522	1,321	35.1	32.9	250	606	35.7	31.7
	Alpine	11	568	349	953	36.5	33.6	250	734	35.2	32.2
	Crossbred	5	45	348	854	35.7	33.6	250	636	35.3	32.0
Haute Garonne	Saanen	5	733	357	925	37.8	33.2	250	671	37.8	32.9
	Alpine	7	336	298	678	36.1	35.1	250	552	35.8	34.3
Gers	Saanen	4	633	360	1,044	34.5	32.6	250	776	33.7	31.7
	Alpine	8	253	288	763	36.7	33.3	250	688	36.6	32.9
Hérault	Alpine	7	573	302	815	36.9	34.0	250	699	36.4	33.4
Ille & Vilaine	Saanen	15	1,211	414	1,197	35.1	33.1	250	757	34.4	32.2
	Alpine	21	3,981	345	1,033	36.5	33.5	250	813	35.4	32.7
	Crossbred	16	126	340	928	36.6	33.8	250	734	35.5	32.9
Indre	Saanen	48	2,979	347	973	36.9	33.2	250	749	36.6	32.7
	Alpine	51	3,550	352	957	39.5	35.0	250	721	39.0	34.3
	Crossbred	38	947	356	945	38.2	34.3	250	709	37.8	33.7
Indre & Loire	Saanen	35	1,235	372	1,151	37.5	33.9	250	822	36.6	33.1
	Alpine	52	8,100	353	1,043	39.1	34.7	250	792	38.3	33.8
	Crossbred	29	469	372	1,035	38.5	34.1	250	753	37.7	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 <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>
Isère	Saanen	16	727	359	1,144	36.3	33.5	250	813	35.7	32.9
	Alpine	34	1,655	323	908	37.2	34.2	250	740	36.9	33.4
	Crossbred	12	282	292	644	37.6	33.1	250	569	37.2	32.5
Loir & Cher	Saanen	11	783	417	1,231	36.2	35.4	250	786	35.9	34.8
	Alpine	18	891	343	875	36.6	33.1	250	666	35.9	32.2
	Crossbred	5	83	399	1,255	38.4	34.1	250	820	38.0	33.5
Loire	Saanen	19	1,785	372	1,208	36.3	32.8	250	868	35.6	32.2
	Alpine	16	1,512	337	936	38.1	33.5	250	756	37.6	32.7
	Crossbred	7	59	286	691	37.3	31.5	250	637	37.2	31.2
Haute Loire	Saanen	10	696	313	931	35.9	32.9	250	772	35.2	32.2
	Alpine	11	642	331	1,117	38.1	33.5	250	905	37.4	32.9
Loire Atlantique	Saanen	5	1,166	328	1,085	35.8	32.5	250	921	35.2	31.9
	Alpine	16	2,704	310	872	36.7	32.6	250	781	36.2	32.0
Loiret	Alpine	3	563	296	813	36.5	33.0	250	761	36.4	32.7
Lot	Saanen	7	706	321	962	31.8	33.0	250	818	31.3	32.6
	Alpine	18	3,548	314	854	35.5	34.0	250	747	35.1	33.6
	Crossbred	9	100	306	893	33.8	34.0	250	787	33.3	33.7
Lot & Garonne	Saanen	2	53	414	1,567	35.1	34.2	250	1,022	33.6	32.8
	Alpine	3	238	347	1,103	39.8	33.9	250	881	38.6	32.5
Lozère	Saanen	12	756	310	858	34.4	32.9	250	722	34.0	32.3
	Alpine	26	1,547	304	799	37.6	34.1	250	702	37.2	33.5
Maine & Loire	Saanen	20	3,047	341	1,127	37.5	32.8	250	894	36.9	32.2
	Alpine	60	15,768	323	1,072	39.4	33.9	250	913	38.8	33.2
	Crossbred	16	248	311	983	36.5	32.9	250	865	35.8	32.3
Manche	Saanen	2	153	449	1,589	36.9	33.7	250	1,032	35.2	32.7
	Alpine	3	787	376	1,094	37.8	34.1	250	779	36.2	33.0
Mayenne	Saanen	6	866	330	996	38.3	32.8	250	802	37.6	32.3
	Alpine	25	4,286	331	955	39.9	34.2	250	776	38.9	33.5
	Crossbred	9	50	315	818	37.8	32.8	250	708	37.7	32.5
Meurthe & Moselle	Alpine	2	218	288	857	38.8	32.8	250	798	38.3	32.3
	Chèvre de Lorraine	2	54	249	541	36.8	31.2	200	497	36.8	30.9
Morbihan	Saanen	3	81	368	911	32.4	32.5	250	680	31.6	31.7
	Alpine	7	1,332	323	943	38.2	33.9	250	782	37.5	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 <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>
Moselle	Saanen	2	196	381	1,274	42.5	33.5	250	856	43.4	33.3
	Alpine	6	614	304	899	37.7	33.1	250	762	36.8	32.2
Nièvre	Alpine	1	229								
Orne	Alpine	3	300	356	1,042	35.6	35.2	250	820	34.8	34.0
Puy de Dôme	Alpine	4	55	258	613	37.6	32.1	250	582	37.4	31.8
Pyrénées Atlantiques	Saanen	5	104	307	868	33.5	32.0	250	771	33.0	31.4
	Alpine	16	1,819	312	926	36.1	33.8	250	804	35.8	33.2
Hautes Pyrénées	Alpine	1	143								
Pyrénées Orientales	Alpine	4	133	221	412	37.4	32.6	250	412	37.4	32.6
Bas Rhin	Saanen	3	61	276	697	38.3	32.6	250	624	38.4	32.5
	Alpine	6	193	304	797	38.4	33.6	250	605	37.8	32.7
Haut Rhin	Alpine	9	443	298	686	35.8	32.2	250	615	35.6	31.8
	Crossbred	5	54	240	342	35.1	30.8	250	327	35.0	30.5
Rhône	Saanen	26	2,331	340	950	35.9	32.6	250	748	35.7	32.1
	Alpine	44	2,329	339	840	40.1	34.1	250	679	39.5	33.2
	Crossbred	14	124	326	785	36.6	32.6	250	641	35.9	31.7
Saône & Loire	Saanen	8	490	295	712	35.8	31.8	250	627	35.6	31.5
	Alpine	36	2,597	321	808	38.5	33.2	250	677	38.1	32.6
	Crossbred	9	109	358	809	38.6	32.9	250	622	38.1	32.3
	Poitevine	3	83	269	480	37.0	30.7	230	442	36.8	30.4
Sarthe	Alpine	7	933	337	973	39.5	33.2	250	792	38.7	32.5
Savoie	Saanen	9	309	514	1,569	35.8	33.3	250	729	34.8	32.0
	Alpine	17	642	275	551	37.9	33.6	250	510	37.6	33.3
	Crossbred	10	118	274	510	37.3	31.4	250	471	37.3	31.3
	Chèvre des Savoie	6	69	270	421	38.5	30.8	150	278	38.1	30.1
Haute Savoie	Saanen	14	392	304	652	36.8	32.7	250	553	36.7	32.3
	Alpine	33	1,559	319	800	38.3	34.3	250	660	38.0	33.8
	Crossbred	13	193	285	588	37.5	31.7	250	550	37.5	31.5
	Chèvre des Savoie	9	246	282	504	34.0	28.7	150	329	33.6	28.1
Seine Maritime	Alpine	1	70								

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>
Seine & Marne	Alpine	2	329	299	969	33.0	32.6	250	875	32.5	32.0
Yvelines	Alpine	1	94								
Deux Sèvres	Saanen	101	18,212	343	1,123	36.5	33.0	250	874	36.1	32.5
	Alpine	106	24,047	330	1,109	37.5	33.9	250	916	36.8	33.2
	Crossbred	48	597	360	1,137	37.1	33.3	250	864	36.2	32.6
	Poitevine	2	56	284	657	31.5	29.6	230	601	31.2	29.2
Tarn	Saanen	4	958	316	890	35.6	32.7	250	744	35.8	32.4
	Alpine	2	199	326	931	36.1	33.6	250	790	36.1	33.3
Tarn & Garonne	Saanen	6	190	322	1,003	35.3	32.5	250	868	34.9	32.3
	Alpine	10	2,254	332	950	35.9	33.8	250	797	35.4	33.3
	Crossbred	5	73	370	1,049	36.8	34.4	250	794	36.6	33.7
Var	Alpine	8	421	258	738	35.6	34.0	250	703	35.5	33.6
Vaucluse	Alpine	4	220	356	870	37.3	34.5	250	606	36.7	33.7
	Crossbred	2	41	263	586	39.8	33.4	250	564	39.6	33.1
Vendée	Saanen	55	11,467	344	1,117	37.2	32.5	250	869	36.7	31.9
	Alpine	53	10,353	326	1,073	38.4	33.3	250	885	37.7	32.5
	Crossbred	22	100	315	1,028	36.9	32.3	250	896	36.4	31.9
Vienne	Saanen	35	4,330	354	1,133	37.5	33.1	250	855	37.2	32.6
	Alpine	39	5,624	344	1,094	40.0	35.0	250	851	39.5	34.3
	Crossbred	20	557	324	990	37.7	33.9	250	836	37.4	33.6
Haute Vienne	Saanen	4	319	264	625	35.4	32.4	250	601	35.3	32.2
	Alpine	3	227	302	821	36.1	32.9	250	762	35.8	32.6
Vosges	Chèvre de Lorraine	1	60								
Yonne	Alpine	4	430	342	900	37.7	34.8	250	710	36.8	33.8
	Poitevine	1	45								
Essonne	Alpine	1	57								
Val d'Oise	Alpine	1	169								

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.



Milk recording results - Sheep France – Year 2022

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Introduction

The research and development process in genetic improvement of dairy sheep successively dealt with productivity of ewes and herds (during the 70s and 80s), chemical milk composition and its suitability for cheese production (during the 80s and 90s), finally functional abilities such as resistance to subclinical mastitis and udder morphology (2000 decade). These functional characteristics enable the animals' functional longevity to be improved. This improvement matches with their ability to postpone their culling for other reasons than those linked with their milk yield level. In other words, functional longevity contributes to have flocks with a better cost-effectiveness, not by increasing takings, but by decreasing production costs through reduced early culling. Genomics has been fully involved during these last years in dairy sheep breeding schemes with, on one hand, the selection for resistance to scrapie thanks to the genetic typing of the PrP gene widely implemented right at the beginning of the 2000s, on the other hand genomic breeding prospects which are subject to Roquefort' in (Lacaune breed) and Genomia (Pyrenean dairy sheep breeds – Manech and Basco-Béarnaise) programmes. Since 2015 (choice of young rams at the end of 2014), Lacaune breed implemented a genomic selection with a new scheme design.

The genetic improvement of dairy sheep within the three French traditional breeding areas (“Rayon” de Roquefort, Pyrénées-Atlantiques, Corse) is based on the breeding of local breeds within their own production area and systems. This principle is strengthened by the French AOC label (which guarantees the origin of a product) of each area. This label requires the local breed as the genetic material to be used for the cheese production of Roquefort (Lacaune breed), of Issau-Iraty (Basco-Béarnaise and Manech breeds) and Brucciu (Corse breed). The implementation of dairy sheep breeding programmes is based on milk recording and progeny testing of animal insemination rams. It has systematically been well-reasoned in order to increase its efficiency-cost ratio

Pyramidal structure of the population

Breeds' population is organized on the basis of a pyramidal structure made up of breeders, creators of the genetic gain and farmers using genetic gain, in order to select the local breeds in population-wide terms. Selection tools are gathered in flocks of breeders who are registered at the official milk recording organizations. These tools include qualitative recording and breeding animals' qualification with possibly udder scoring. Breeding flocks serve as a testing medium and provide the breeding centers with young rams. Testing has been developed in order to maximize breeding schemes. The effort required for its implementation is considerable as (depending on the breeds) 50 to 60 % of the inseminated ewes within a flock under breeding are inseminated with tested rams. Breeders receive as compensation inseminations with the elite rams, i.e. the sires of the breed's rams. If they wish it, the breeders who use the genetic gain may receive a simplified milk recording. Its objective is firstly to get a within-flock ranking of the ewes, but also the technical monitoring of the dairy flock.

Rationalization and optimization over the time

Breeding objectives have been planned gradually. Official milk recording implemented in the 60s was at the beginning only a quantitative control (milk yield) due to the industry needs of milk on one hand, and because of the low initial productivity of the French local breeds on the other hand. The first objective was clearly to increase ewes' productivity. The breeding criteria taken in consideration was the milk yield during the milking period which steps up fat and protein contents quantities, and thereby cheese quantities.

Such an objective may be accepted during the start-up period of the breeding scheme. However, when this objective is fully operational and becomes completely effective (in the 80s for the Lacaune breed, in the 90s – 2000s for the Pyrenean breeds), the milk quality (fat and protein contents) deteriorates on a genetic level speaking. Thus, it is becoming essential to be interested in the chemical quality of the milk also in order to know about cheese yield and the fat/dry ratio of cheese in the framework of AOC cheese produced with raw milk and whole milk. That's why a qualitative recording was to be performed, although it is difficult and expensive to implement in dairy sheep because of the flocks' size and the rapid mechanical milking routines.

Finally, when the context of the industry was such as productivity was no longer directly looked for, breeders became then interested in functional characteristics which are going to enable to decrease production costs and to improve work conditions, especially milking conditions which represent the first work station of dairy ewes' breeding.

Today, farmers and stakeholders of selection schemes raise the question of hardiness and plasticity and evoke the wish to work on resistance to gastro intestinal parasitism, dairy persistency, ability to one-milking per day, feed efficiency, but also the ability to transhumance and at the valorization of rangelands.



Milk recording simplification

The official AC design (monthly recording of one of the two daily milkings, whatever the milking) has been widespread. The qualitative recording has been even more simplified. Only a part of the ewes is recorded: the primiparous (Pyrenean breeds) or the first two lactations (Lacaune breed). Only the middle of the lactation is controlled, because it is the most representative period from a genetic point of view. Thus, the objective is to carry out three samples at the first four test-days of the ewe during the morning milking. The morning milking enables a better milk sampling, especially of the fat content and somatic cells. The partial recording as described here above enables to save about 85% of the samplings and analyses in order to get an efficiency a bit lower (the loss of precision may easily be compensated for rams by increasing the testing daughters' number by about 10%), compared to the exhaustive A4 recording method (on a monthly rhythm for the two daily milkings and for all the ewes on milking). This process is also systematically used for functional characteristics.

Table 1 : Evolution of the main criteria related to breeding schemes for the 3 French breeding areas

		Official milk recording (OMR)			Simplified milk recording (SMR)	
		Number of recorded ewes (% of the OMR population)	AI rate in the nucleus	Number of progeny-tested rams	Milk yield in liters (lactation duration)	Number of recorded ewes
1985	Rayon	113 519 (17%)	70%	430	186 (162)	311 000
	Pyrénées	38 026 (12%)	30%	52	92 (127)	13 000
	Corse	7 300 (7%)			88 (151)	
2005	Rayon	176 936 (21%)	81%	477	277 (163)	585 000
	Pyrénées	108 836 (23%)	55%	200	158 (146)	32 000
	Corse	20 408 (20%)	39%	40	124 (181)	
2020	Rayon	189 147 (17%)	87%	319	339 (174)	505 457
	Pyrénées	121 136 (28%)	48%	278	231 (156)	38 026
	Corse	20 157 (24%)	36%	17	149 (189)	13 446
2021	Rayon	192 923 (19%)	88%	297	346 (176)	483 869
	Pyrénées	123 388 (28%)	47%	262	239 (159)	38 532
	Corse	18 860 (22%)	35%	21	153 (188)	9 397
2022	Rayon	197 817 (19%)	87%	309	346 (176)	480 299
	Pyrénées	124 878 (28%)	47%	284	234 (160)	37 580
	Corse	18 403 (22%)	38%	20	153 (189)	9 856



Data processing

Annual results of the sheep official milk recording are calculated from an extract of the French national dairy sheep database used for indexing and research, which is part of the SIEOL Information System. This extract was performed at the end of the dairy sheep year in December 2022. Thus, these results concern the year 2022. Regarding the seasonality of the dairy sheep production in France, all lactations are considered as finished and qualified if they are calculated.

The results are presented by breeding area, French local administrative area (=French “département”), Milk Recording Organization (MRO), Performance Testing organization and by breed. Here are the definitions of these terms:

Breeding areas: 1 = 'Rayon de Roquefort' ; 2 = 'Corse' ; 3 = 'Pyrénées-Atlantiques'.

French local administrative areas: 11, 12, 2A, 2B, 30, 34, 48, 64, 65, 81, 82.

Milk Recording Organizations (=MRO): 'CDEO', 'Confédération Générale de Roquefort', 'EDE 48', 'EDE 81', 'EDE 82', 'SCP 30-34', 'SUAE Corse du Sud', 'SUAE Haute-Corse', 'UNOTEC 12'.

Recognized Performance Recording Organizations (=RPRO): 'CDEO', 'OS Lacaune', 'EDE 82', 'SUAE Corse du Sud', 'SUAE Haute-Corse'.

Breeds: 'Lacaune', 'Manech tête rousse', 'Manech tête noire', 'Basco-Béarnaise', 'Corse'. Other breeds representing less than 50 ewes nationwide are not taken into account in these results.

NB : In paragraphs 2.2 to 2.6, maps only show French local administrative areas where at least 10 lactations haven been calculated for the corresponding breed.

Warning:

Results between breeds or populations (Basco-Béarnaise, Corse, Lacaune, Manech Tête Rousse, Manech Tête Noire) should not be compared, mainly for two reasons:

- Each breed is represented only in one breeding area. Therefore, genetic type and dominant farming system(s) of each French administrative region are closely linked.
- The calculation of milk yield at milking period varies from one region to another (and for breeds accordingly), in relation with the average suckling length, depending on the farming system:
 - 25 days in the area of Roquefort,
 - 35 days in the Pyreneans area and in Corsica.

Some definitions :

Total number of ewes: ewes present in the flock at the beginning of the lambing period.

Number of ewes in lactation: ewes for which calculating a lactation has been possible (so this total takes into account ewes that had at least one test-date with non-null milk production record).

Number of ewes that lambed: ewes with a date of lambing, non-pregnant ewes, aborted ewes without milk and not mated ewe in 1st lactation are therefore excluded from this total.

Lambing rate: number of ewes which lambed divided by the total number of ewes (expressed in %).

Lactation rate: number of ewes with calculation of lactation divided by the number of ewes which lambed (expressed in %).

Milk yield: it represents the milk yield at the milking-only period.

This milk yield is calculated only on the period of exclusive milking of the animal after the weaning of the lamb(s), and doesn't take into account the milk yield during the initial period of suckling or suckling x milking. So the **milking duration** matches only to this milking-only period. The milk yield is expressed in liters and the length in days.

The official milk recording is an AC milk recording protocol, i.e. a monthly control of one of the two daily milkings, without any obligation of rotation. However, the recording occurs mainly in the morning because the sampling for the qualitative control is more precise during the morning milking (more milk in the morning).

Results for fat and protein contents are not provided. The sheep qualitative control is indeed a very simplified control (partial qualitative recording). It is based on a sampling performed only at the milking of the morning, on 3 recordings during the middle of the lactation and it concerns only a part of the flock (the primiparous or the first 2 lactations, depending on the breed). The way of recording and calculating the fat and protein contents are relevant for genetics, but are not representative of current economic reality.



Trends for 2022

Increasing by 5,810 (+1.7%), the total number of ewes present at the lambing period reached 340,981 in 2022. At the same time the total number of ewes with lactation calculation raised to 4,600 and reached 289,921 (+1.6%). This increase of the ewes number on official milk recording (CLO) confirms the trend observed the previous years.

754 flocks are counted up in Official Milk Recording in 2022, a figure slightly over the one in the previous year. Meanwhile, with 452 ewes, the average size of flock still progressed in 2022 (447 ewes in 2021, 441 ewes in 2020, 433 in 2019 and 428 in 2018).

In 2022, at the national level, with an average of 298.2 liters (-1 liter) in 172 days of lactation during the milking period (+1 day) the milk yield is slightly decreasing. Excepted for the Corse breed that shows an increase in milk yield (+0.7 liter), in all the other breeds, milk yields are more or less decreasing: -0,4 liter in Lacaune breed, -0,6 liter in Manech Tête Noire breed, -2,1 liters in Basco Béarnaise breed and -6 liters in Manech Tête Rousse breed.

A simplified milk recording, corresponding to the D recording method in the ICAR guidelines and not presented in this document, exists in addition to the Official Milk Recording AC design. It concerns commercial flocks out of the selection nucleus (while the Official Milk Recording is devoted only to breeders involved in the selection program). 1,151 flocks and 527,735 ewes present at the lambing period were submitted to D recording in 2022.



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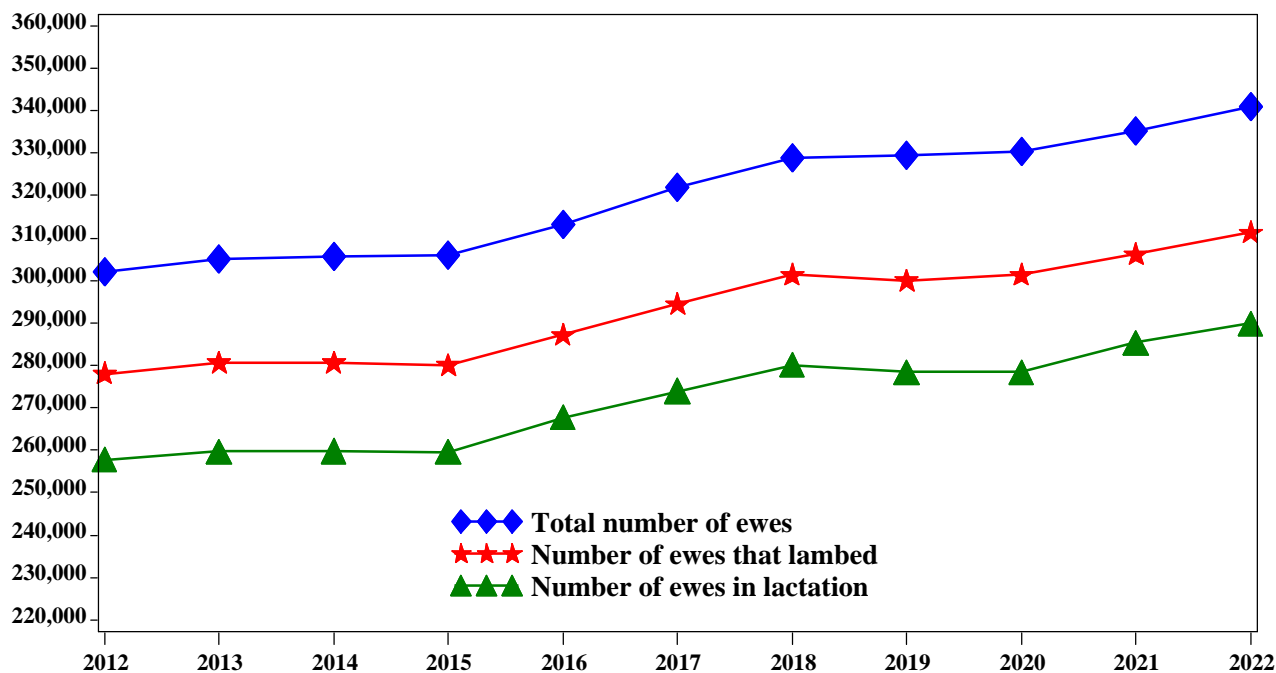
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I - GLOBAL RESULTS

1.1 - Reminder of the previous years

Year	Total number of ewes	Number of ewes that lambed	Lambing rate	Number of ewes in lactation	Lactation rate	Milk yield liters	Lactation duration days
2012	302,102	277,961	92.0	257,826	92.8	250.8	163
2013	304,925	280,581	92.0	259,666	92.5	247.5	164
2014	305,619	280,575	91.8	259,791	92.6	254.2	165
2015	306,047	280,001	91.5	259,589	92.7	256.9	166
2016	313,291	287,171	91.7	267,737	93.2	273.9	166
2017	321,968	294,415	91.4	274,003	93.1	278.6	167
2018	328,980	301,292	91.6	280,117	93.0	284.2	167
2019	329,394	299,938	91.1	278,423	92.8	286.3	169
2020	330,431	301,305	91.1	278,442	92.4	291.6	169
2021	335,171	306,167	91.3	285,321	93.2	299.2	171
2022	340,981	311,301	91.3	289,921	93.1	298.2	172



1.2 - Results of the year

1.2.1 - Distribution by parity

Parity	Total number of ewes	Number of ewes that lambed	Lambing rate	Number of ewes in lactation	Lactation rate	Milk yield liters	Lactation duration days
1st lactation	99,478	81,064	81.5	74,874	92.4	263.7	159
2nd lactation and over	241,503	230,237	95.3	215,047	93.4	310.2	176
Overall total	340,981	311,301	91.3	289,921	93.1	298.2	172

1.2.2 - Number of flocks and average number of ewes per flock

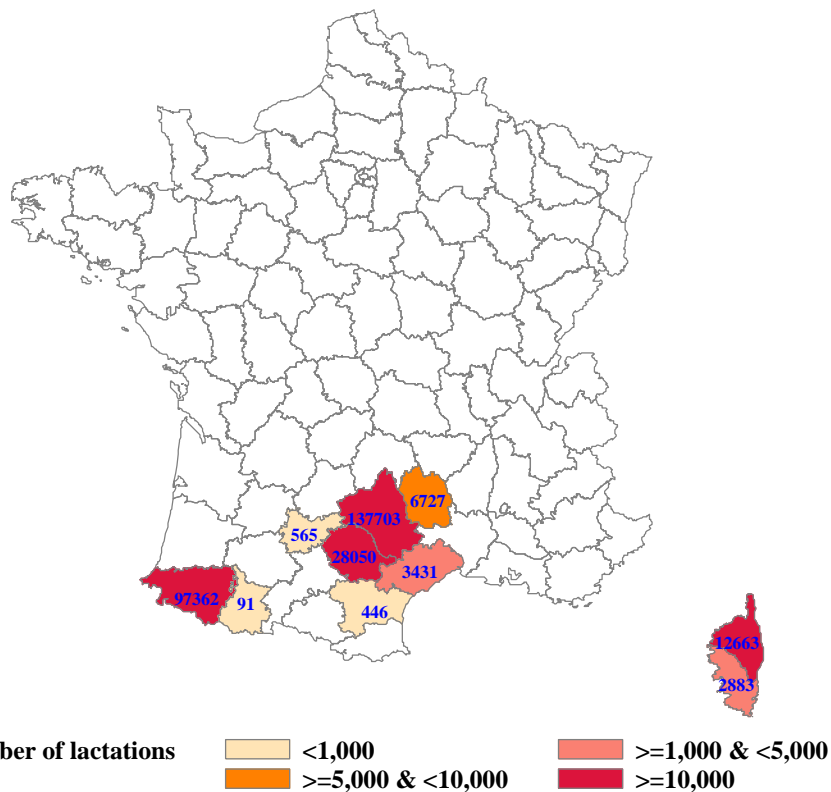
Total number of ewes in lactation	Total number of flocks	Average number of ewes per flock
289,921	754	384.5

1.2.3 - Results per local area

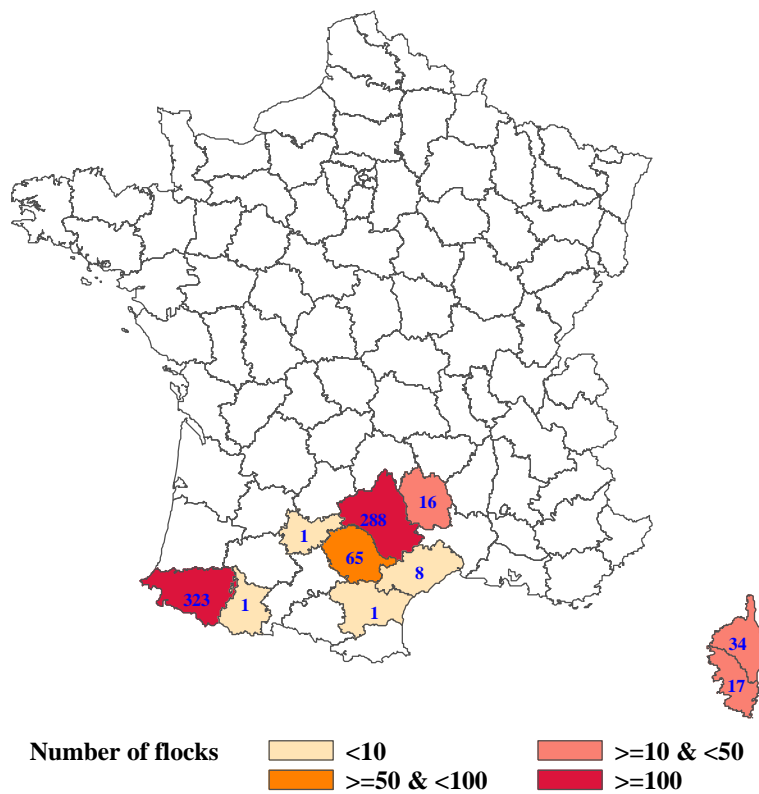
Local area	Number of flocks	Number of ewes in lactation	Milk yield l	Lactation duration d
Aude	1	446	337.7	187
Aveyron	288	137,703	346.7	176
Corse du Sud	17	2,883	151.5	172
Haute Corse	34	12,663	153.7	193
Hérault	8	3,431	322.0	175
Lozère	16	6,727	325.2	177
Pyrénées Atlantiques	323	97,362	234.3	160
Hautes Pyrénées	1	91	177.9	151
Tarn	65	28,050	351.1	178
Tarn & Garonne	1	565	342.0	171
Overall total	754	289,921	298.2	172



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



Distribution of flocks per local area



1.2.4 - Results per breeding area and parity

Breeding area ¹	Parity	Number of ewes in lactation	Milk yield liters	Lactation duration days
01	1st lactation	48,179	298.4	163
	2nd lactation	38,932	366.3	182
	3rd lactation	30,696	383.4	185
	4th lactation	23,067	374.3	183
	5th lactation	16,425	359.1	181
	6th lactation	10,292	339.2	177
	7th lactation and over	9,002	300.9	168
	Unknown	329	293.9	163
Total breeding area		176,922	346.1	176
02	1st lactation	3,103	112.3	146
	2nd lactation	2,847	158.4	190
	3rd lactation	2,303	175.7	205
	4th lactation	1,803	180.1	208
	5th lactation	1,568	176.9	211
	6th lactation	1,235	166.0	205
	7th lactation and over	1,979	143.1	193
	Unknown	708	124.5	178
Total breeding area		15,546	153.3	189
03	1st lactation	23,592	212.8	152
	2nd lactation	20,313	245.5	162
	3rd lactation	16,713	257.0	167
	4th lactation	12,823	250.4	167
	5th lactation	9,504	239.2	165
	6th lactation	6,261	224.0	160
	7th lactation and over	6,279	199.8	152
	Unknown	1,968	196.0	151
Total breeding area		97,453	234.3	160
Overall total		289,921	298.2	172

¹Refer to the Introduction paragraph for details.



1.2.5 - Results per breeding area, parity and month of lambing

Breeding area	Parity	Month of lambing	Number of ewes in lactation	Milk yield liters	Lactation duration days
01	1st lactation	January	8,536	278.3	151
		February	6,484	261.5	143
		March	2,250	230.9	121
		April	444	156.1	89
		May	97	142.7	80
		June	18	154.3	105
		July	290	325.1	198
		August	1,311	353.2	196
		September	3,286	349.2	193
		October	8,094	328.9	181
		November	11,284	320.1	175
		December	6,085	282.6	152
	2nd lactation and over	January	18,876	354.5	171
		February	8,584	326.4	153
		March	2,788	255.9	119
		April	791	205.2	96
		May	141	160.9	78
		June	199	247.9	192
		July	1,299	347.3	192
		August	6,900	380.6	196
		September	15,182	377.3	194
		October	36,473	378.1	192
		November	27,126	370.7	184
		December	10,384	362.3	173
Total breeding area			176,922	346.1	176
02	1st lactation	January	889	100.4	124
		February	461	77.7	94
		March	136	51.4	68
		April	32	24.0	37
		May	3	7.5	29
		June			
		July			
		August	8	152.1	255
		September	192	168.8	225
		October	501	156.1	205
		November	276	129.3	177
		December	605	112.5	151
	2nd lactation and over	January	556	116.9	122
		February	254	91.9	94
		March	83	65.3	68
		April	30	26.9	39
		May	1	4.6	29
		June			
		July			
		August	65	180.3	233
		September	4,937	177.3	222
		October	5,070	165.7	202
		November	1,161	152.8	180
		December	286	121.2	146

¹Refer to the Introduction paragraph for details.



1.2.5 - Results per breeding area, parity and month of lambing

Breeding area	Parity	Month of lambing	Number of ewes in lactation	Milk yield liters	Lactation duration days
<i>Total breeding area</i>			15,546	153.3	189
03	1st lactation	January	2,708	192.8	132
		February	2,284	147.8	97
		March	2,280	106.0	71
		April	380	70.2	48
		May	36	34.3	24
		June	1	24.4	14
		July			
		August			
		September	4	225.9	191
		October	2,416	264.3	195
		November	8,551	252.9	181
		December	4,932	220.8	162
	2nd lactation and over	January	3,446	219.9	134
		February	3,049	175.4	99
		March	2,861	131.0	73
		April	536	88.7	52
		May	46	52.7	33
		June			
		July			
		August			
		September	40	286.0	207
		October	12,899	254.1	184
		November	38,731	253.1	173
		December	12,253	244.9	160
<i>Total breeding area</i>			97,453	234.3	160
Overall total			289,921	298.2	172

¹Refer to the Introduction paragraph for details.



1.2.6 - Results per breeding area and flock size

Breeding area	Flock size	Number of flocks	Number of ewes in lactation	Milk yield liters	Lactation duration days
01	< 200	3	492	373.6	172
	>=200 & <250	11	2,493	347.8	177
	>=250 & <300	24	6,497	341.1	176
	>=300 & <350	52	16,926	346.5	177
	>=350 & <400	50	18,585	353.6	179
	>=400 & <450	51	21,637	337.3	176
	>=450 & <500	54	25,590	348.8	176
	>=500 & <550	37	19,254	335.9	175
	>=550 & <600	27	15,478	358.0	176
	>= 600	70	49,970	346.1	175
Total breeding area		379	176,922	346.1	176
02	< 200	24	3,401	147.6	181
	>=200 & <250	6	1,286	137.3	184
	>=250 & <300	4	1,098	115.7	191
	>=300 & <350	4	1,272	181.3	183
	>=350 & <400	4	1,478	158.9	186
	>=400 & <450	4	1,766	155.1	191
	>=550 & <600	1	588	126.1	186
	>= 600	4	4,657	163.9	197
Total breeding area		51	15,546	153.3	189
03	< 200	54	9,035	206.8	152
	>=200 & <250	65	14,488	215.2	158
	>=250 & <300	63	17,237	234.3	160
	>=300 & <350	59	19,044	239.8	164
	>=350 & <400	37	13,852	245.7	164
	>=400 & <450	15	6,366	224.8	160
	>=450 & <500	12	5,756	243.4	160
	>=500 & <550	6	3,176	256.0	162
	>=550 & <600	5	2,797	277.8	166
	>= 600	8	5,702	247.8	157
Total breeding area		324	97,453	234.3	160
Overall total		754	289,921	298.2	172

¹Refer to the Introduction paragraph for details.



1.2.7 - Results per milk recording organization (MRO)

MRO	Number of flocks	Number of ewes in lactation	Milk yield <i>liters</i>	Lactation duration <i>days</i>
CDEO	324	97,453	234.3	160
Confédération Générale de Roquefort	189	86,819	341.1	176
EDE 48	7	3,725	320.0	174
EDE 81	27	11,732	354.4	183
SUAE CORSE DU SUD	17	2,883	151.5	172
SUAE HAUTE-CORSE	34	12,663	153.7	193
UNOTEC 12	156	74,646	351.9	175
Overall total	754	289,921	298.2	172

¹Refer to the Introduction paragraph for details.



1.2.8 - Results per milk recording organization (MRO) and local area

MRO	Local area	Number of flocks	Number of ewes in lactation	Milk yield liters	Lactation duration days
CDEO	Pyrénées Atlantiques	323	97,362	234.3	160
	Hautes Pyrénées	1	91	177.9	151
Total MRO		324	97,453	234.3	160
Confédération Générale de Roquefort	Aude	1	446	337.7	187
	Aveyron	137	64,631	340.1	177
	Hérault	3	1,857	321.4	184
	Lozère	9	3,002	331.6	180
	Tarn	38	16,318	348.8	174
	Tarn & Garonne	1	565	342.0	171
Total MRO		189	86,819	341.1	176
EDE 48	Lozère	7	3,725	320.0	174
Total MRO		7	3,725	320.0	174
EDE 81	Tarn	27	11,732	354.4	183
Total MRO		27	11,732	354.4	183
SUAE CORSE DU SUD	Corse du Sud	17	2,883	151.5	172
Total MRO		17	2,883	151.5	172
SUAE HAUTE-CORSE	Haute Corse	34	12,663	153.7	193
Total MRO		34	12,663	153.7	193
UNOTEC 12	Aveyron	151	73,072	352.6	175
	Hérault	5	1,574	322.7	165
Total MRO		156	74,646	351.9	175
Overall total		754	289,921	298.2	172

¹Refer to the Introduction paragraph for details.



1.2.9 - Results per recognized performance recording organization (RPRO)

RPRO	Number of flocks	Number of ewes in lactation	Milk yield liters	Lactation duration days
CDEO	324	97,453	234.3	160
OS Lacaune	379	176,922	346.1	176
SUAE CORSE DU SUD	17	2,883	151.5	172
SUAE HAUTE-CORSE	34	12,663	153.7	193
Overall total	754	289,921	298.2	172

1.2.10 - Results per recognized performance recording organization (RPRO) and local area

RPRO	Local area	Number of flocks	Number of ewes in lactation	Milk yield liters	Lactation duration days
CDEO	Pyrénées Atlantiques	323	97,362	234.3	160
	Hautes Pyrénées	1	91	177.9	151
<i>Total RPRO</i>		<i>324</i>	<i>97,453</i>	<i>234.3</i>	<i>160</i>
OS Lacaune	Aude	1	446	337.7	187
	Aveyron	288	137,703	346.7	176
	Hérault	8	3,431	322.0	175
	Lozère	16	6,727	325.2	177
	Tarn	65	28,050	351.1	178
	Tarn & Garonne	1	565	342.0	171
<i>Total RPRO</i>		<i>379</i>	<i>176,922</i>	<i>346.1</i>	<i>176</i>
SUAE CORSE DU SUD	Corse du Sud	17	2,883	151.5	172
<i>Total RPRO</i>		<i>17</i>	<i>2,883</i>	<i>151.5</i>	<i>172</i>
SUAE HAUTE-CORSE	Haute Corse	34	12,663	153.7	193
<i>Total RPRO</i>		<i>34</i>	<i>12,663</i>	<i>153.7</i>	<i>193</i>
Overall total		754	289,921	298.2	172

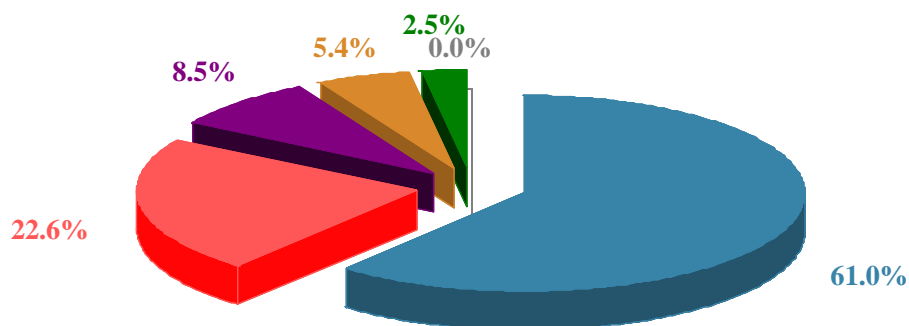
¹Refer to the Introduction paragraph for details.



II - RESULTS PER BREED

2.1 - Results for all breeds

Breed	Number of flocks	Number of ewes in lactation	Milk yield <i>liters</i>	Milk yield standard deviation <i>liters</i>	Lactation duration <i>days</i>	Lactation duration standard deviation <i>days</i>
Lacaune	379	176,914	346.1	106.1	176	41
Manech Tête Rousse	231	65,497	244.6	91.8	165	47
Basco-Béarnaise	99	24,598	222.3	85.1	150	48
Corse	51	15,546	153.3	67.5	189	57
Manech Tête Noire	66	7,294	183.2	75.4	151	45
Other breeds	45	72	141.9	102.7	109	57



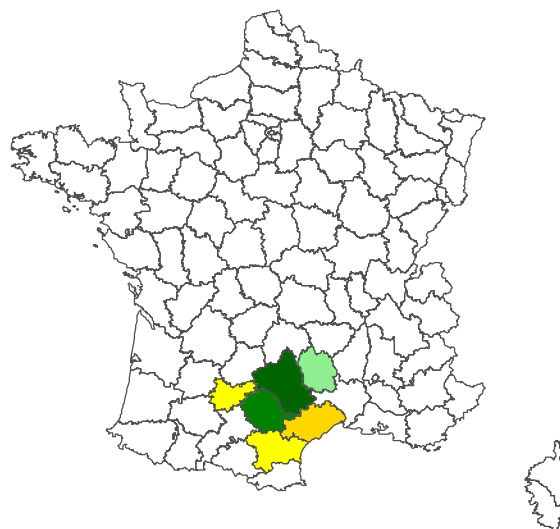
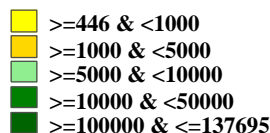
¹Refer to the Introduction paragraph for details.



2.2 - Breed LACAUNE

(French breed code: 010)

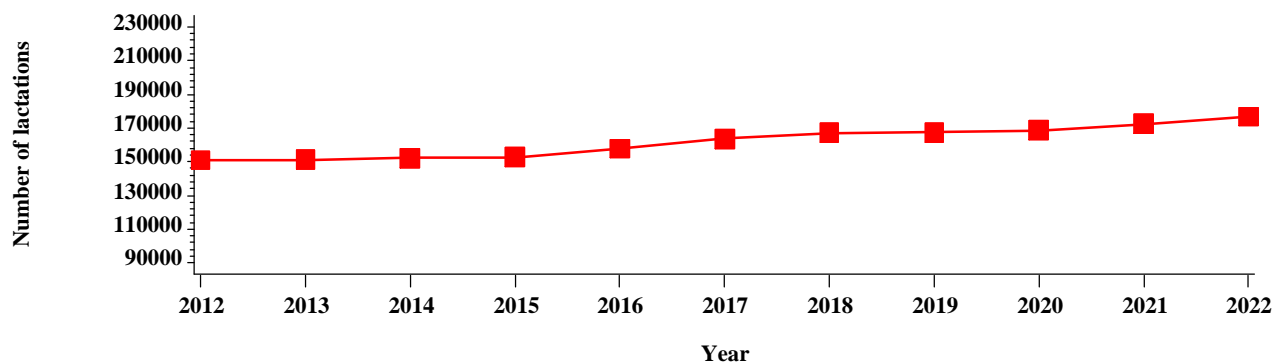
Geographical distribution of ewes with lactations of Lacaune breed



Distribution by parity for Lacaune breed

Parity	Number of ewes in lactation	Milk yield <i>liters</i>	Milk yield standard deviation <i>liters</i>	Lactation duration <i>days</i>	Lactation duration standard deviation <i>days</i>
1st lactation	48,172	298.4	94.8	162.7	41
2nd lactation	38,931	366.3	102.7	181.9	40
3rd lactation	30,696	383.4	101.3	184.9	37
4th lactation	23,067	374.3	102.3	183.0	37
5th lactation	16,425	359.1	103.4	180.6	39
6th lactation	10,292	339.2	102.8	176.7	41
7th lactation and over	9,002	300.9	102.2	167.7	45
Unknown	329	293.9	106.5	163.4	49
Overall total	176,914	346.1	106.1	176.2	41

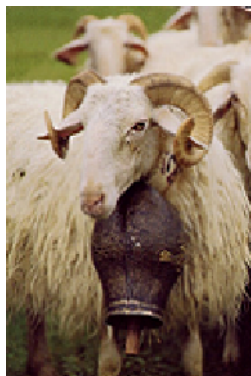
Evolution of the number of lactations for Lacaune breed



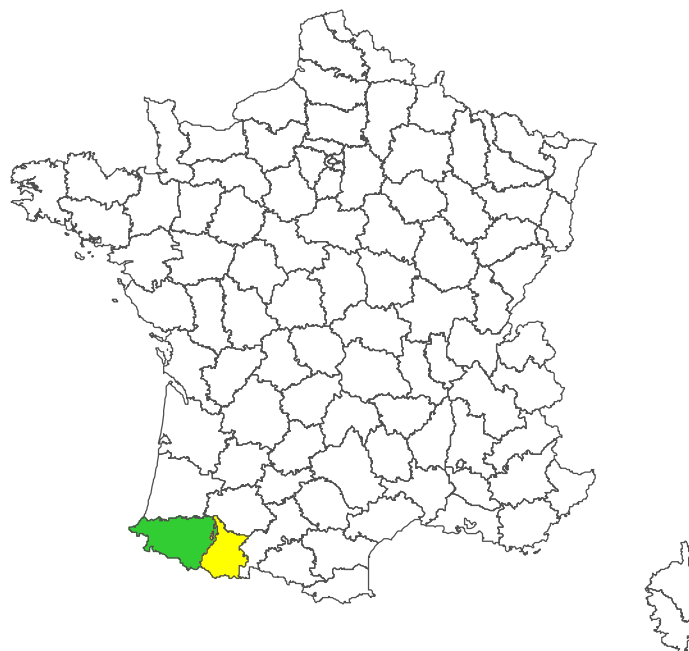
2.3 - Breed BASCO BEARNAISE

(French breed code: 030)

Geographical distribution of ewes with lactations of Basco Bearnaise breed



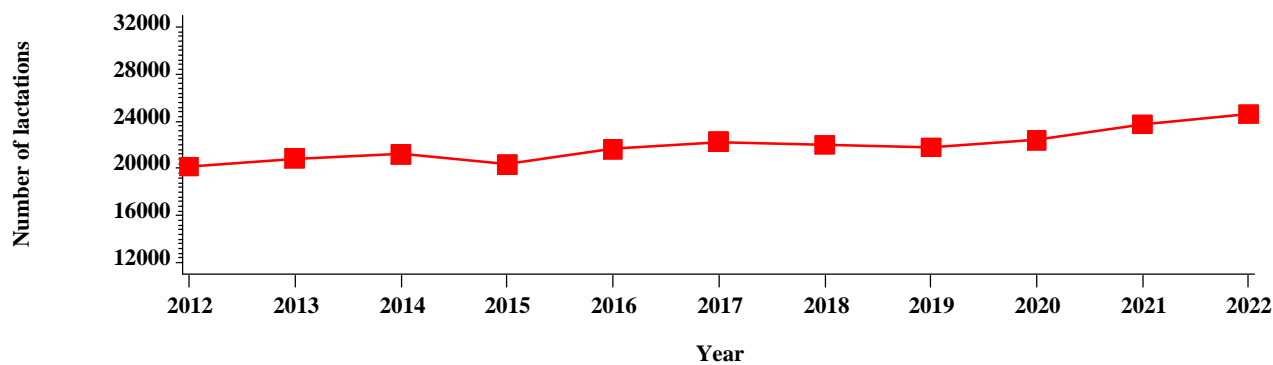
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24507



Distribution by parity for Basco Bearnaise breed

Parity	Number of ewes in lactation	Milk yield <i>liters</i>	Milk yield standard deviation <i>liters</i>	Lactation duration <i>days</i>	Lactation duration standard deviation <i>days</i>
1st lactation	5,513	176.0	73.9	120.9	48
2nd lactation	4,915	228.1	77.4	149.9	45
3rd lactation	4,205	248.1	79.7	162.6	42
4th lactation	3,261	250.3	84.7	165.1	42
5th lactation	2,558	242.8	85.9	163.4	43
6th lactation	1,670	231.0	85.8	160.6	44
7th lactation and over	1,751	208.7	85.2	150.7	48
Unknown	725	199.8	86.0	153.2	52
Overall total	24,598	222.3	85.1	149.9	48

Evolution of the number of lactations for Basco Bearnaise breed



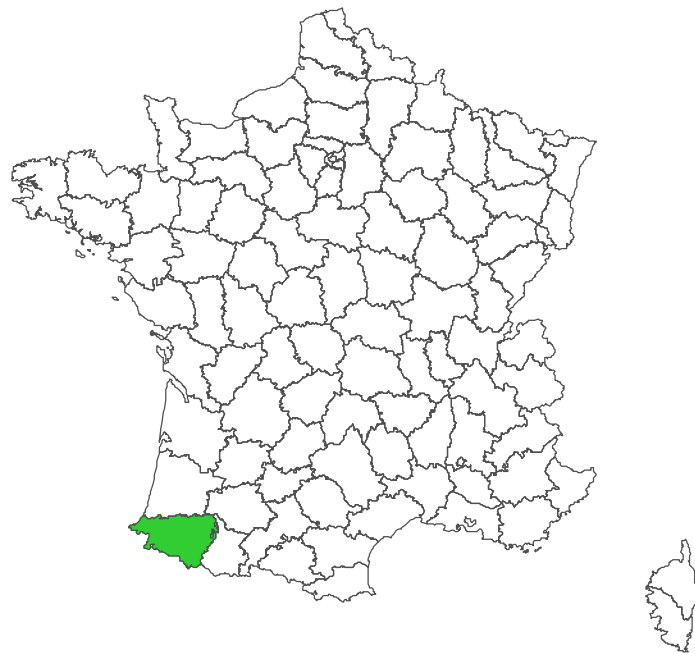
2.4 - Breed MANECH TETE NOIRE

(French breed code: 052)

Geographical distribution of ewes with lactations of Manech Tete Noire breed



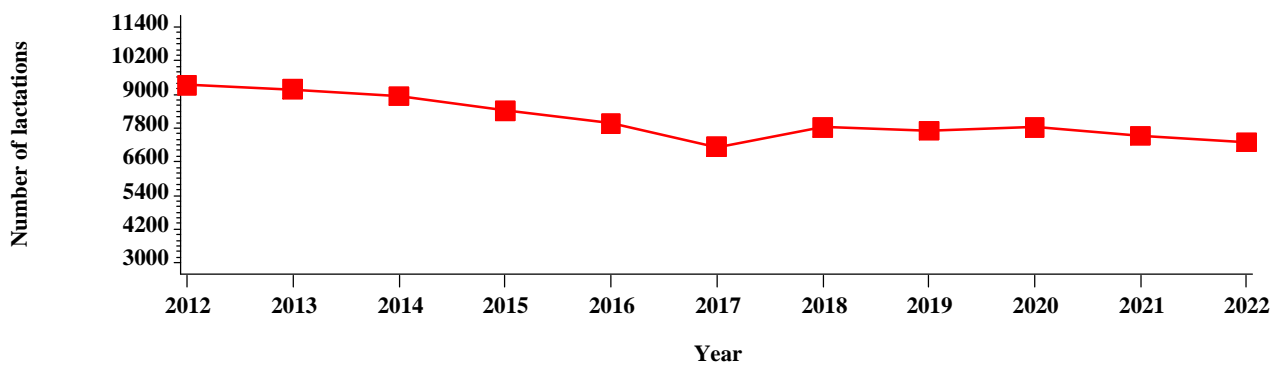
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Distribution by parity for Manech Tete Noire breed

Parity	Number of ewes in lactation	Milk yield <i>liters</i>	Milk yield standard deviation <i>liters</i>	Lactation duration <i>days</i>	Lactation duration standard deviation <i>days</i>
1st lactation	1,712	168.7	73.4	146.0	51
2nd lactation	1,462	199.2	73.9	156.3	44
3rd lactation	1,287	204.3	76.7	157.6	43
4th lactation	981	195.6	71.9	156.4	41
5th lactation	735	178.2	75.5	150.1	44
6th lactation	477	160.8	65.0	147.3	41
7th lactation and over	457	142.9	65.7	136.3	44
Unknown	183	152.7	66.8	140.2	43
Overall total	7,294	183.2	75.4	151.3	45

Evolution of the number of lactations for Manech Tete Noire breed



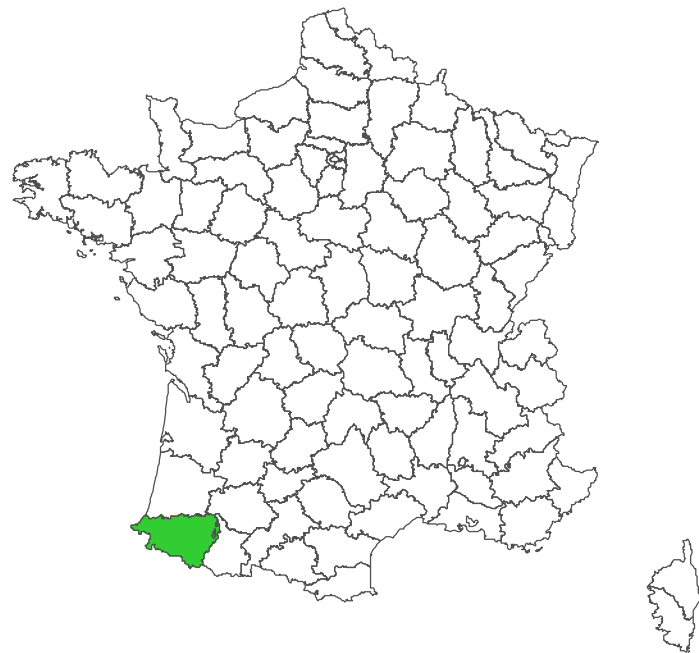
2.5 - Breed MANECH TETE ROUSSE

(French breed code: 053)

Geographical distribution of ewes with lactations of Manech Tete Rousse breed



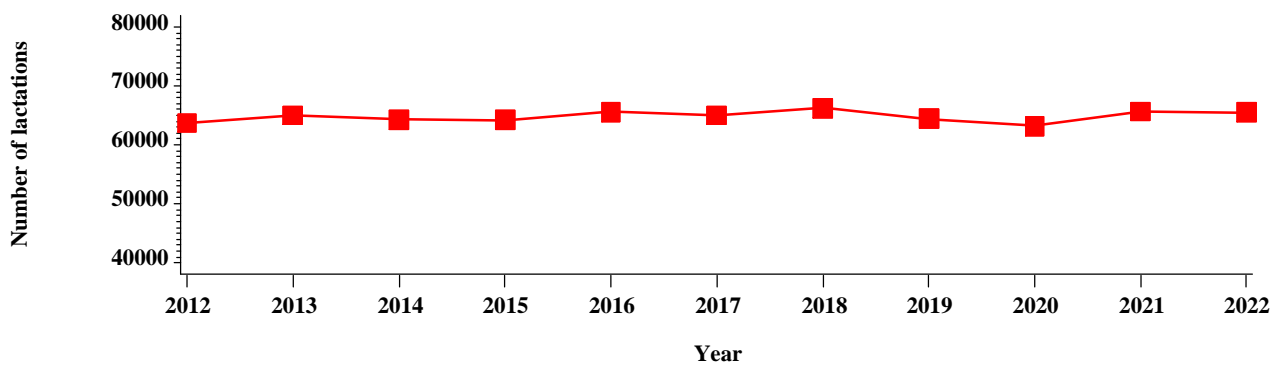
65497



Distribution by parity for Manech Tete Rousse breed

Parity	Number of ewes in lactation	Milk yield <i>liters</i>	Milk yield standard deviation <i>liters</i>	Lactation duration <i>days</i>	Lactation duration standard deviation <i>days</i>
1st lactation	16,351	230.0	87.6	163.2	46
2nd lactation	13,922	256.6	90.3	166.7	47
3rd lactation	11,211	266.5	91.6	170.2	46
4th lactation	8,573	256.9	92.8	169.0	46
5th lactation	6,204	245.1	91.3	166.9	46
6th lactation	4,111	228.6	90.1	161.9	47
7th lactation and over	4,070	202.4	85.5	154.5	49
Unknown	1,055	201.3	82.3	151.3	49
Overall total	65,497	244.6	91.8	165.4	47

Evolution of the number of lactations for Manech Tete Rousse breed



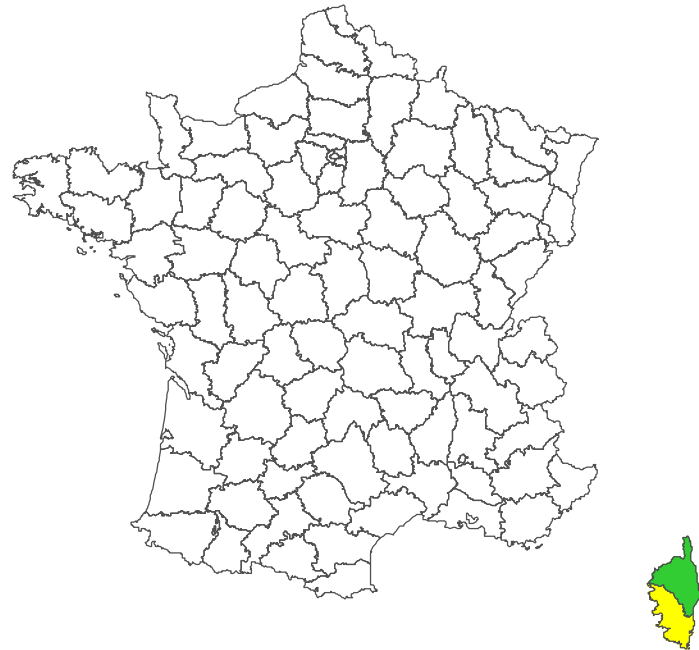
2.6 - Breed CORSE

(French breed code: 046)

Geographical distribution of ewes with lactations of Corse breed



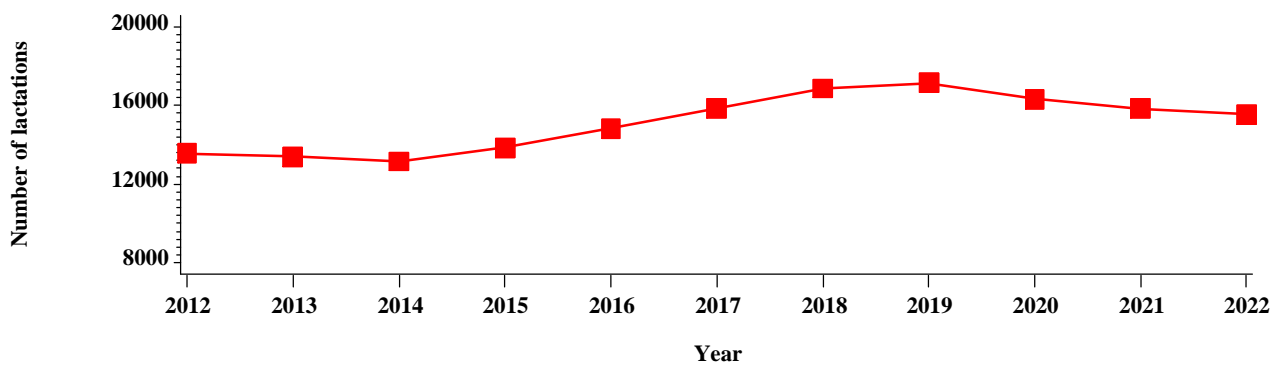
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Distribution by parity for Corse breed

Parity	Number of ewes in lactation	Milk yield <i>liters</i>	Milk yield standard deviation <i>liters</i>	Lactation duration <i>days</i>	Lactation duration standard deviation <i>days</i>
1st lactation	3,103	112.3	51.1	145.8	51
2nd lactation	2,847	158.4	62.3	190.5	56
3rd lactation	2,303	175.7	66.9	204.9	50
4th lactation	1,803	180.1	68.3	208.4	48
5th lactation	1,568	176.9	66.0	210.6	48
6th lactation	1,235	166.0	67.3	205.3	51
7th lactation and over	1,979	143.1	64.8	193.4	56
Unknown	708	124.5	59.9	177.7	61
Overall total	15,546	153.3	67.5	188.8	57

Evolution of the number of lactations for Corse breed



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Milk recording results

France 2022

CATTLE: 32,669 herds provided 1,968,566 qualified lactations in 2022. Decreasing respectively from 6.7% and 6.6% the herd number and the number of qualified lactations confirm the trend observed since several years. The three main French national breeds (Prim'Holstein, Montbéliarde and Normande) represent henceforth 90.2% of the total of qualified lactations (-0.4% compared to 2021). With 48.2 %, the percentage of herds of more than 60 qualified lactations which was stable the previous year increased again in 2022, confirming the upward trend observed for several years (46.8 in 2021 and 2020, 47.5 in 2019, 45.1% in 2018 and 40.1% in 2017). In the same time, with 69.8% the rate of qualified lactations they represent follow the same trend (68.8 in 2021 and 2020, 69% in 2019, 66.9% in 2018 and 63.1% in 2017). With an average milk production for complete lactations at 8,878 Kg, the milk yield is slight decreasing in 2022 (-9kg). In the same time the average lactation duration reach 345 days (+1 day). Mean fat and protein rates follow different trends. Mean fat is stable at 40.6 g/kg while mean proteins is decreasing at 32.7 g/kg (-0.1). A noticeable improvement in somatic cell count situation is again observed. The proportion of lactations for which all the test-dates obtain cell counts lower than 300.000 cells and the proportion of lactations having at least 2 test-dates with cell counts higher than 800.000 reach respectively 57.9% et 10.3%.

GOAT: With 233,461 the number of qualified lactations is slightly decreasing in 2022 (-2,317 lactations -1%). At the same time, the number of flocks is slightly increasing to reach 1,466 flocks (+0.6%). Flocks with more than 250 lactations represent 20.6% of herds and 48.2% of lactations. The two main breeds (Alpine and Saanen) represent henceforth 96.6% of the total of qualified lactations. The proportion of primiparous dairy goats is slightly increasing and reaches 36.6 % (+0.6%), confirming the trend observed since 2018 (+0.8% in 2019, +1.7% in 2020, +0.5% in 2021). With an average at 1002 Kg the milk yield per goat passes the 1000 Kg mark for the first time. Lactation duration increases significantly and reach 327 days (+6) confirming the trend observed for a few years (298 days in 2014). Meanwhile true-protein is stable at 33.6 g/Kg and with 37.5 g/Kg fat rates is decreasing (-0.2). A simplified milk recording (CLS), not presented in this document, exists in addition to the Official Milk Recording (CLO) the results of which are presented in this document. Simplified milk recording concerns 352 herds and 70,330 goats in 2022.

SHEEP: Increasing by 5,810 (+1.7%), the total number of ewes present at the lambing period reached 340,981 in 2022. At the same time the total number of ewes with lactation calculation raised to 4,600 and reached 289,921 (+1.6%). This increase of the ewes number on official milk recording (CLO) confirms the trend observed the previous years. 754 flocks are counted up in Official Milk Recording in 2022, a figure slightly over the one in the previous year. Meanwhile, with 452 ewes, the average size of flock still progressed in 2022 (447 ewes in 2021, 441 ewes in 2020, 433 in 2019 and 428 in 2018). In 2022, at the national level, with an average of 298.2 liters (-1 liter) in 172 days of lactation during the milking period (+1 day) the milk yield is slightly decreasing. Excepted for the Corse breed that shows an increase in milk yield (+0.7 liter), in all the other breeds, milk yields are more or less decreasing: -0,4 liter in Lacaune breed, -0,6 liter in Manech Tête Noire breed, -2,1 liters in Basco Béarnaise breed and -6 liters in Manech Tête Rousse breed. A simplified milk recording, corresponding to the D recording method in the ICAR guidelines and not presented in this document, exists in addition to the Official Milk Recording AC design. It concerns commercial flocks out of the selection nucleus (while the Official Milk Recording is devoted only to breeders involved in the selection program). 1,151 flocks and 527,735 ewes present at the lambing period were submitted to D recording in 2022.

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