

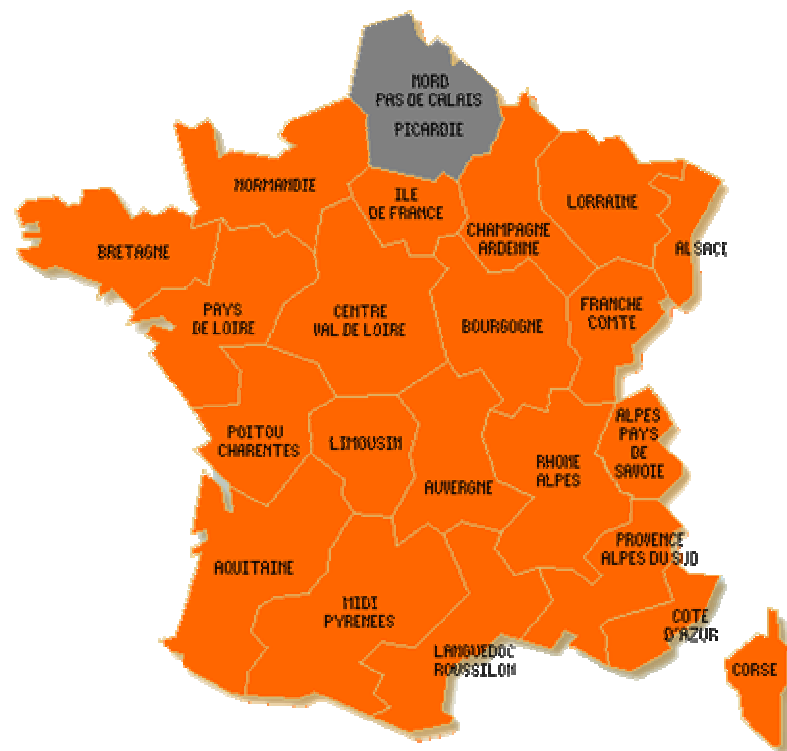


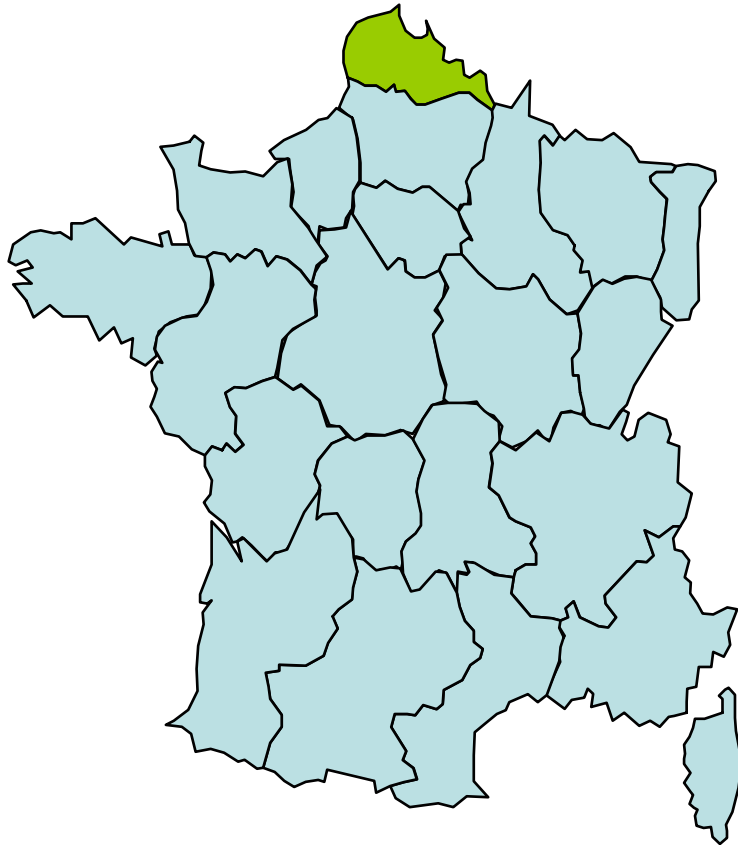
Association des lactariums de France (ADLF) Nantes, mai 2011

**Impact of a regional policy to promote breast feeding
on the activity of a regional Human Milk Bank : the
experience of the Nord-Pas de Calais, France.**

V Pierrat, MD PhD, D Dumoulin, lactating consultant IBCLC
and the team of the milk bank

Who are we ?





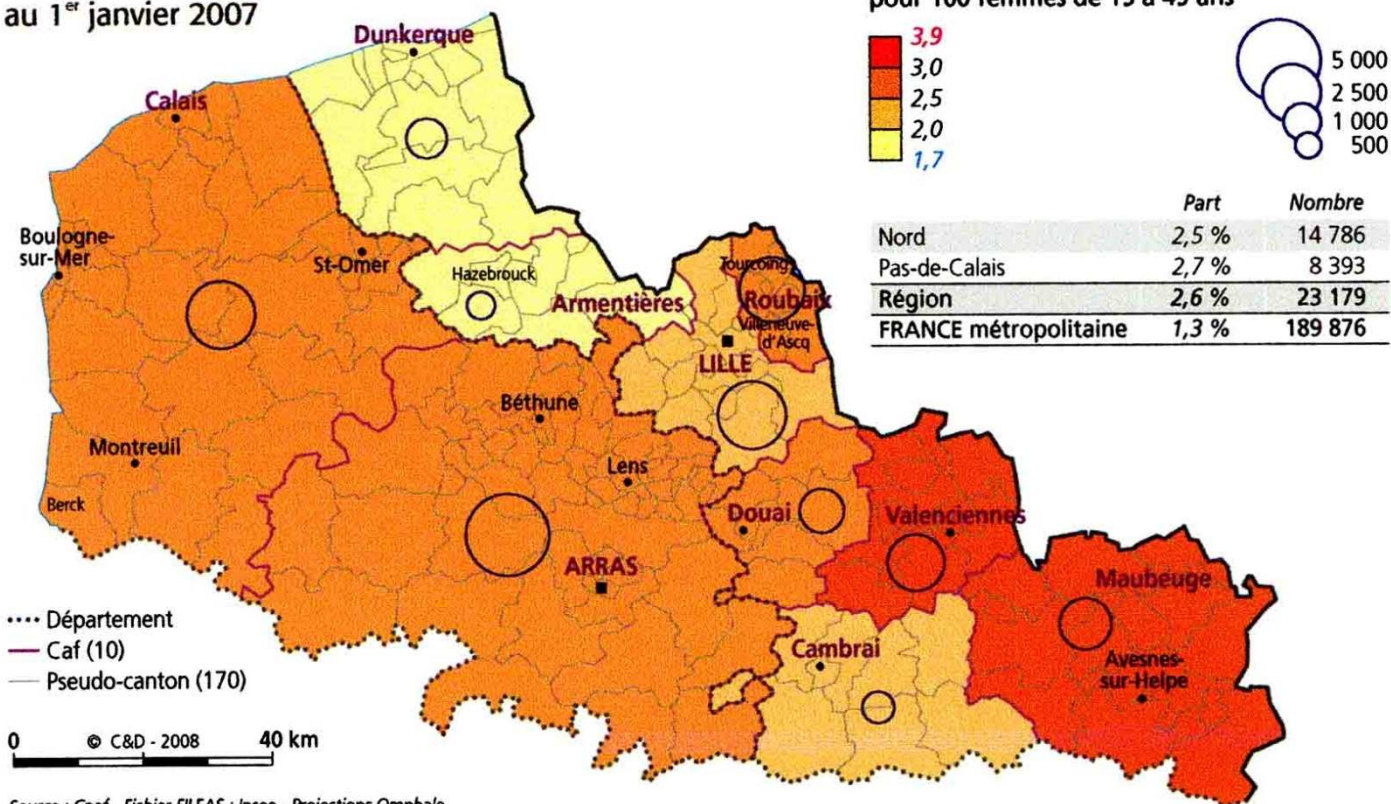
4 millions of inhabitants (6.6%
of the french population)



5.4% of the working age
population lives on social aids

2.6% of the women receive an allowance as single mother

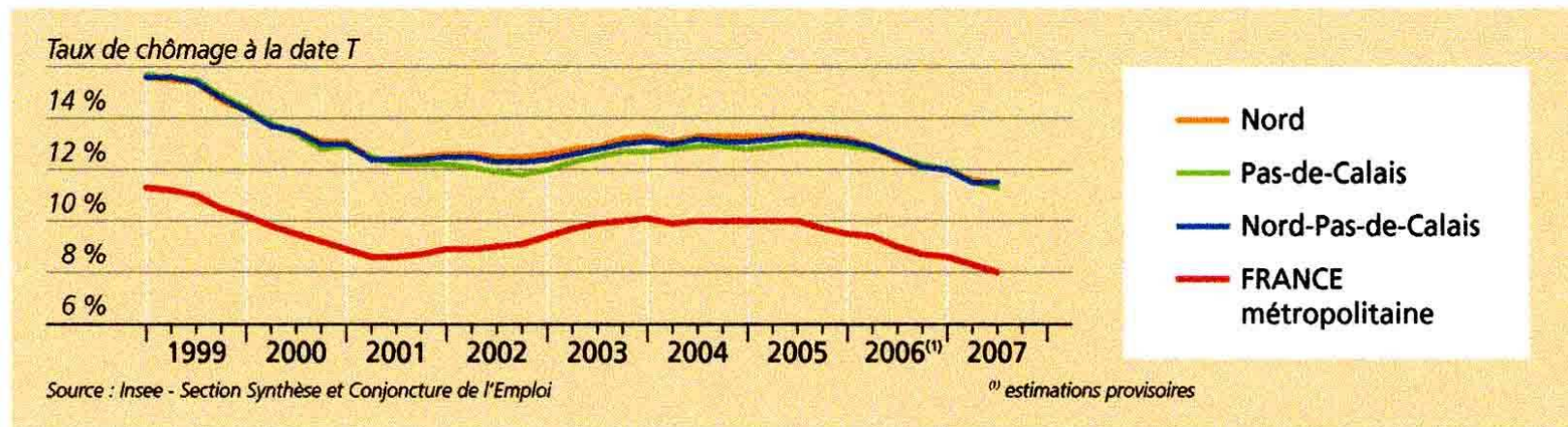
API (Allocation de Parent Isolé)
au 1^{er} janvier 2007



Source : Cnaf - Fichier FILEAS ; Insee - Projections Omphale

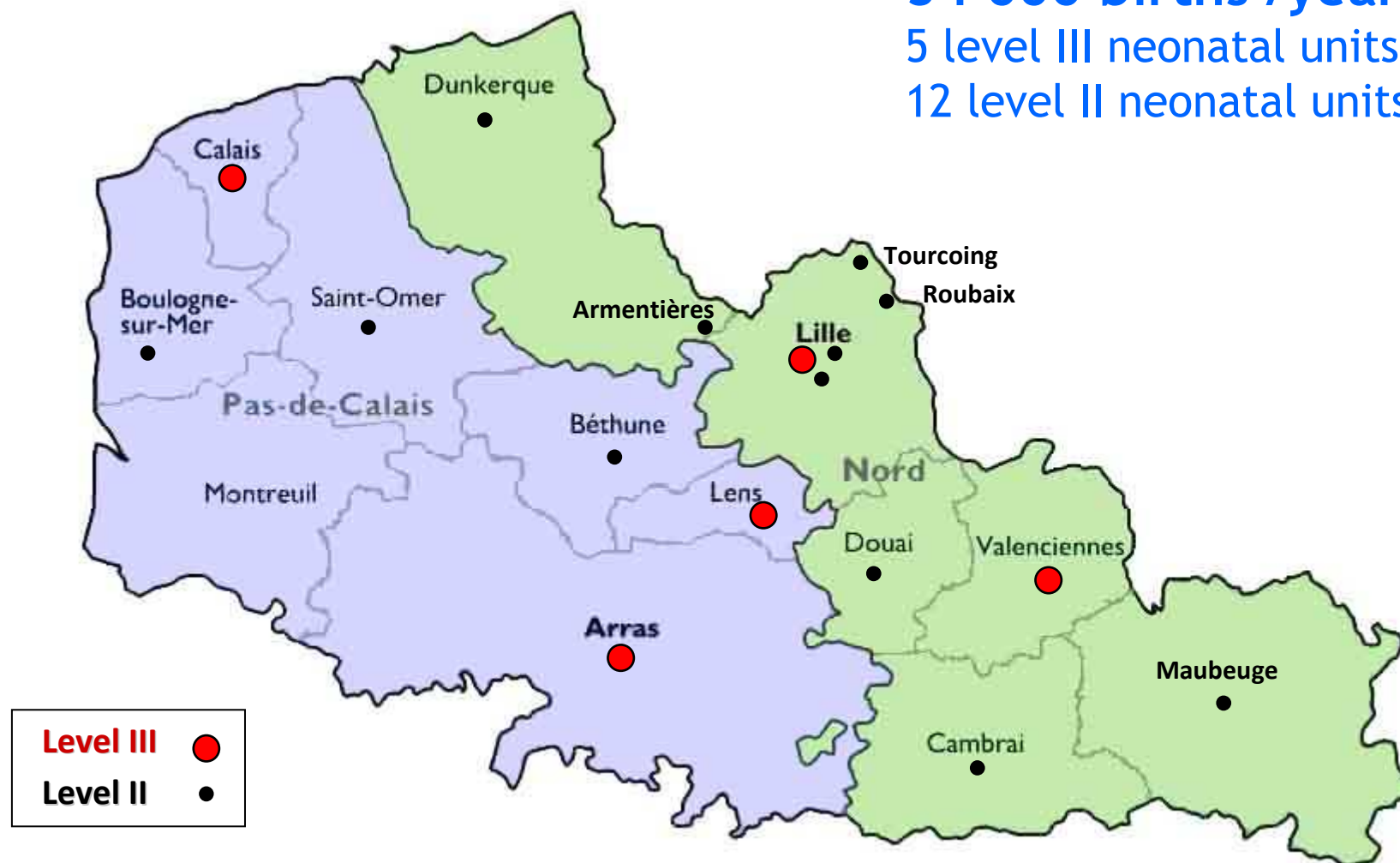
Evolution of unemployment in the Nord- Pas de Calais

Évolution du taux de chômage, par département de France métropolitaine en fin de trimestre de 1998 à 2007



The perinatal network

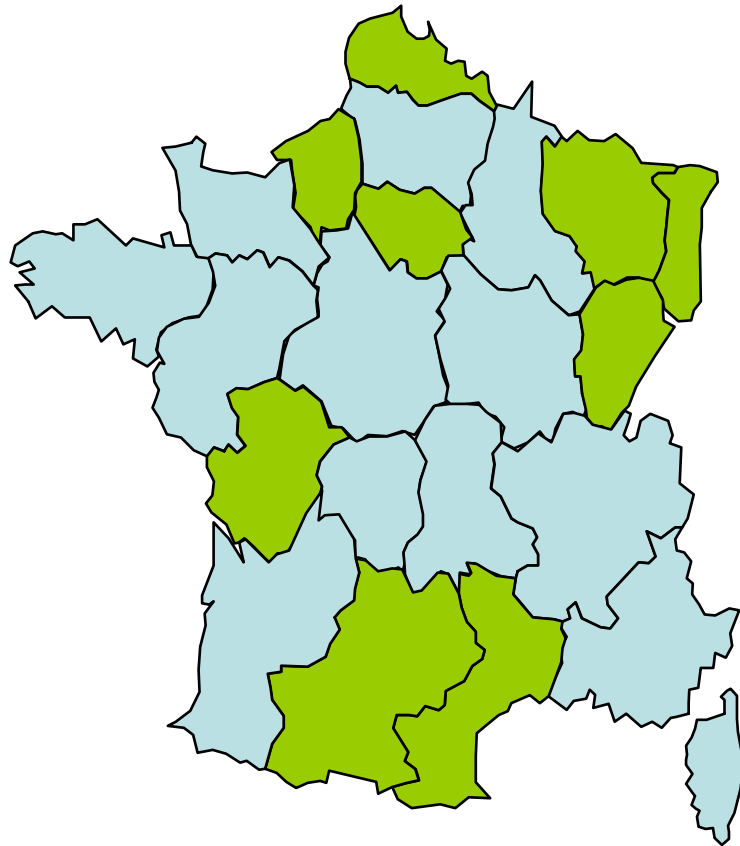
54 000 births /year
5 level III neonatal units
12 level II neonatal units



- Pioneers : 4 days training sessions.
1500 professionals since 1993



- Peers counsellors : LLL, Solidarilait



Epipage

U149

Inserm

1997

< 33 weeks

< 1500 gm

Follow up : 8 years

2901 live births

Factors Associated With Neurodevelopmental Outcome at 2 Years After Very Preterm Birth: The Population-Based Nord-Pas-de-Calais EPIPAGE Cohort

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The authors have indicated they have no financial relationships relevant to this article to disclose.

Pediatrics 2006, 357-66.

TABLE 5 Multiple Linear-Regression Analysis to Determine Independent Factors Associated With DQ (*N* = 342)

	Coefficient*	CI	P
Gestational age, wk			
32	0		
30–31	–3	–7 to 0	.08
28–29	–1	–5 to 3	.58
26–27	–4	–9 to 1	.13
24–25	–11	–20 to –1	.03
Gender			
Female	0		
Male	–4	–7 to –1	<.01
SGA			
No	0		
Yes	–4	–9 to 1	.15
Highest parental occupation			
Intellectual-intermediate	0		
Worker-employee	–7	–10 to –4	<.01
Unemployed	–14	–20 to –8	<.01
Hypertension			
No	0		
Yes	4	0 to 7	.04
Severe cerebral ultrasound abnormalities			
No	0		
Yes	–14	–20 to –8	<.01
Mechanical ventilation			
No	0		
Yes	–4	–7 to –1	<.01
Breastfeeding at discharge			
Yes	0		
No	–4	–8 to 0	.02

CI indicates confidence interval.

* Coefficient assigned to the variable.



Pediatrics 2006, 357-66.

- 120 lactating consultants trained between 2008 and 2012
- 19 professionnels received a master training on Human Lactation
- Engagement of the perinatal networks



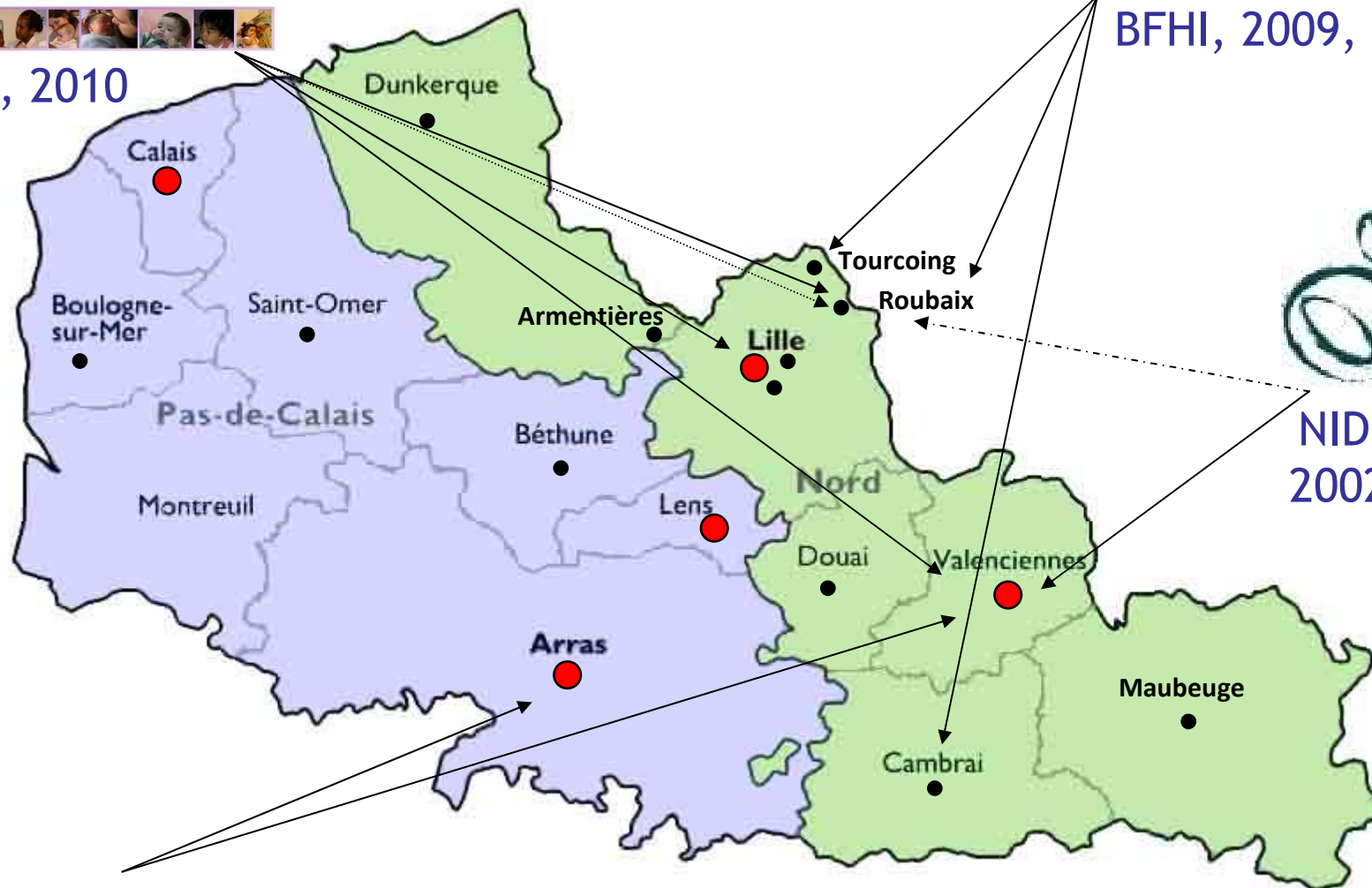
Breastfeeding peer counselling program



2009, 2010



BFHI, 2009, 2010



NIDCAP
2002, 2011



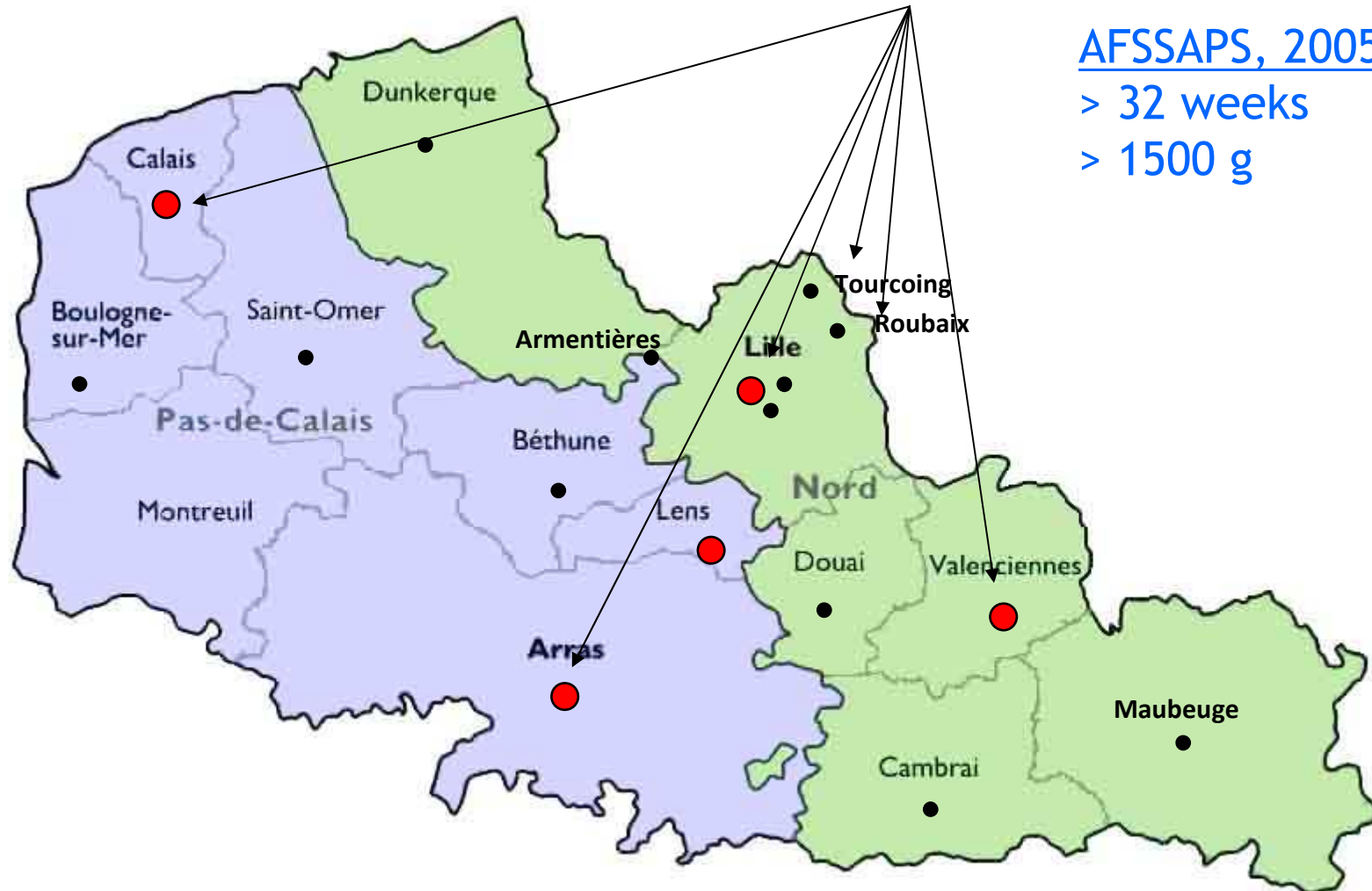
2002, 2010

Raw milk

AFSSAPS, 2005

> 32 weeks

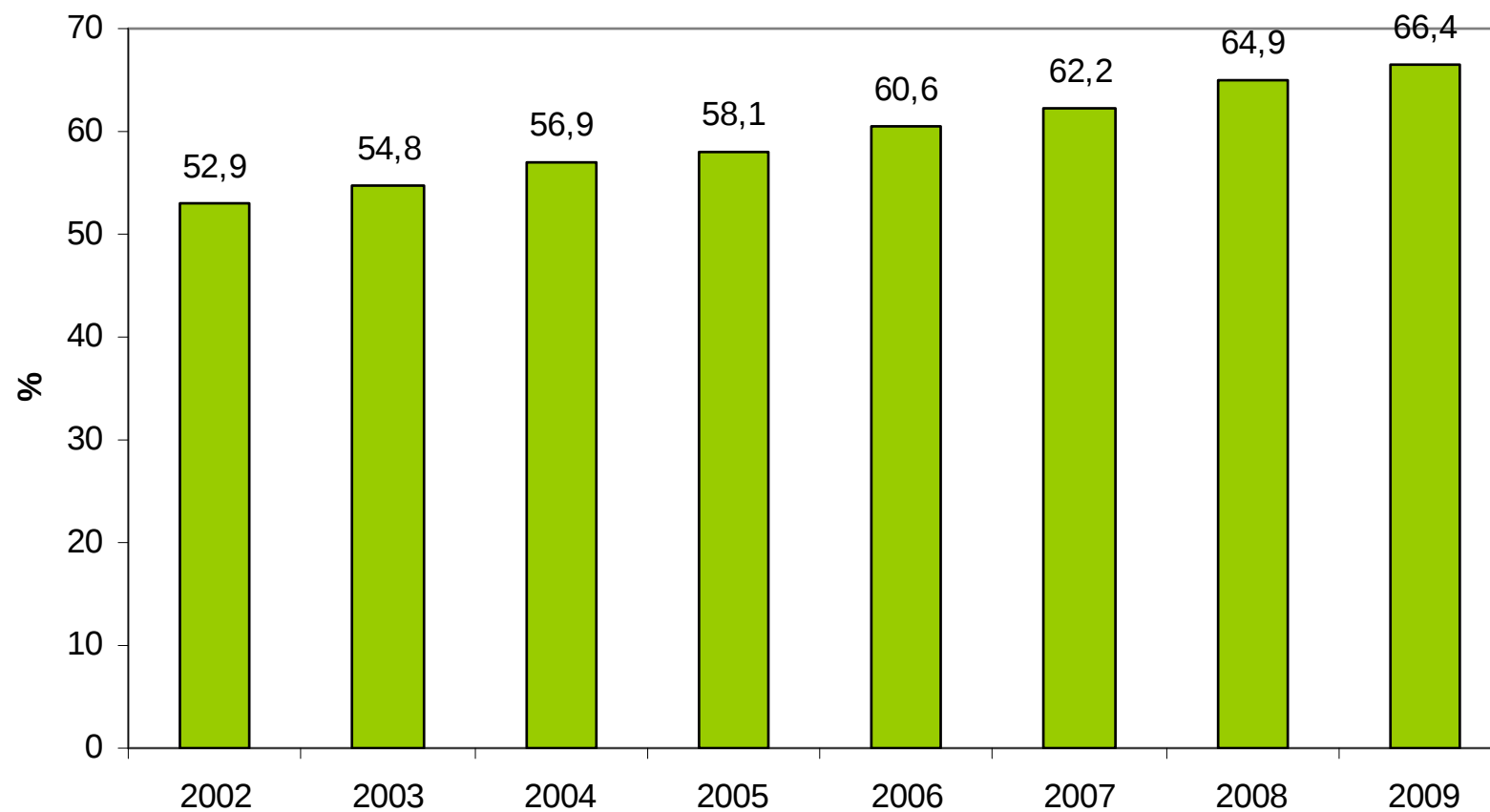
> 1500 g



Incidence of breast feeding

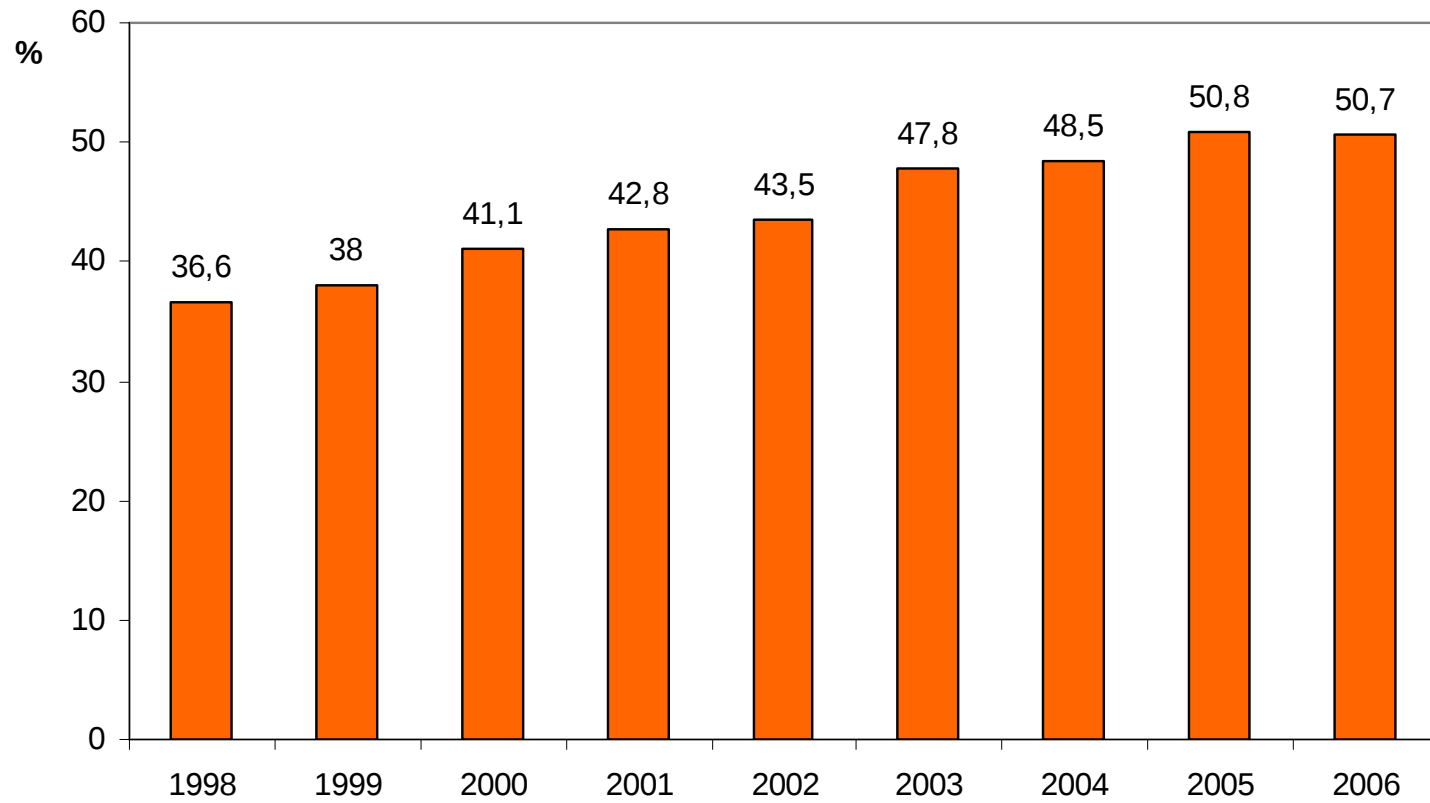


Incidence of breastfeeding on day 8 in the North Region





Breastfeeding > 12 weeks in the North region





The Human Milk Bank at Lille





Team : 2 cleaning agents, 7 auxiliary nurses,
1 nurse lactation consultant IBCLC,
1 midwife, 1 pediatrician



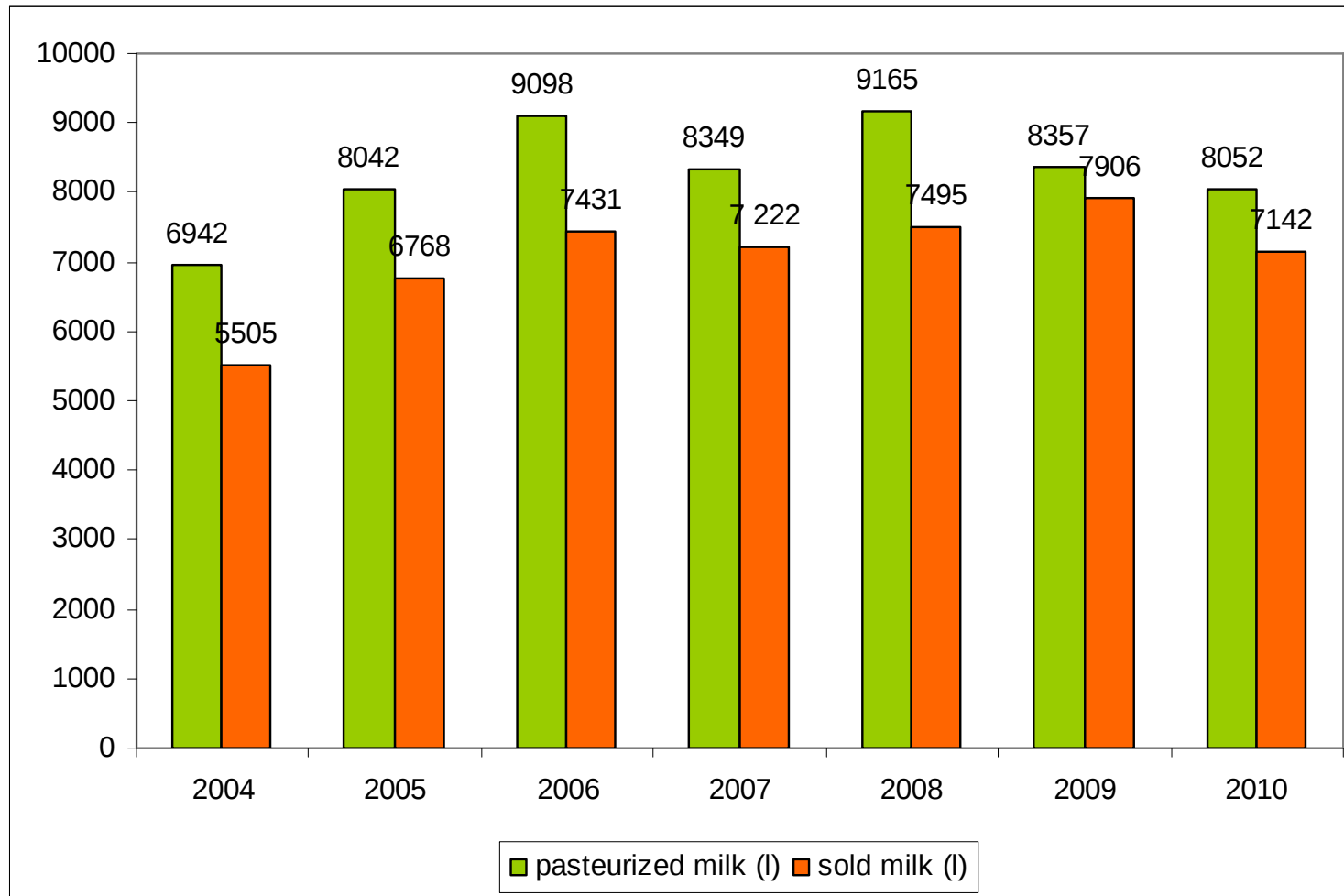
Own baby



Milk bank

Regional Human Milk Bank of Lille

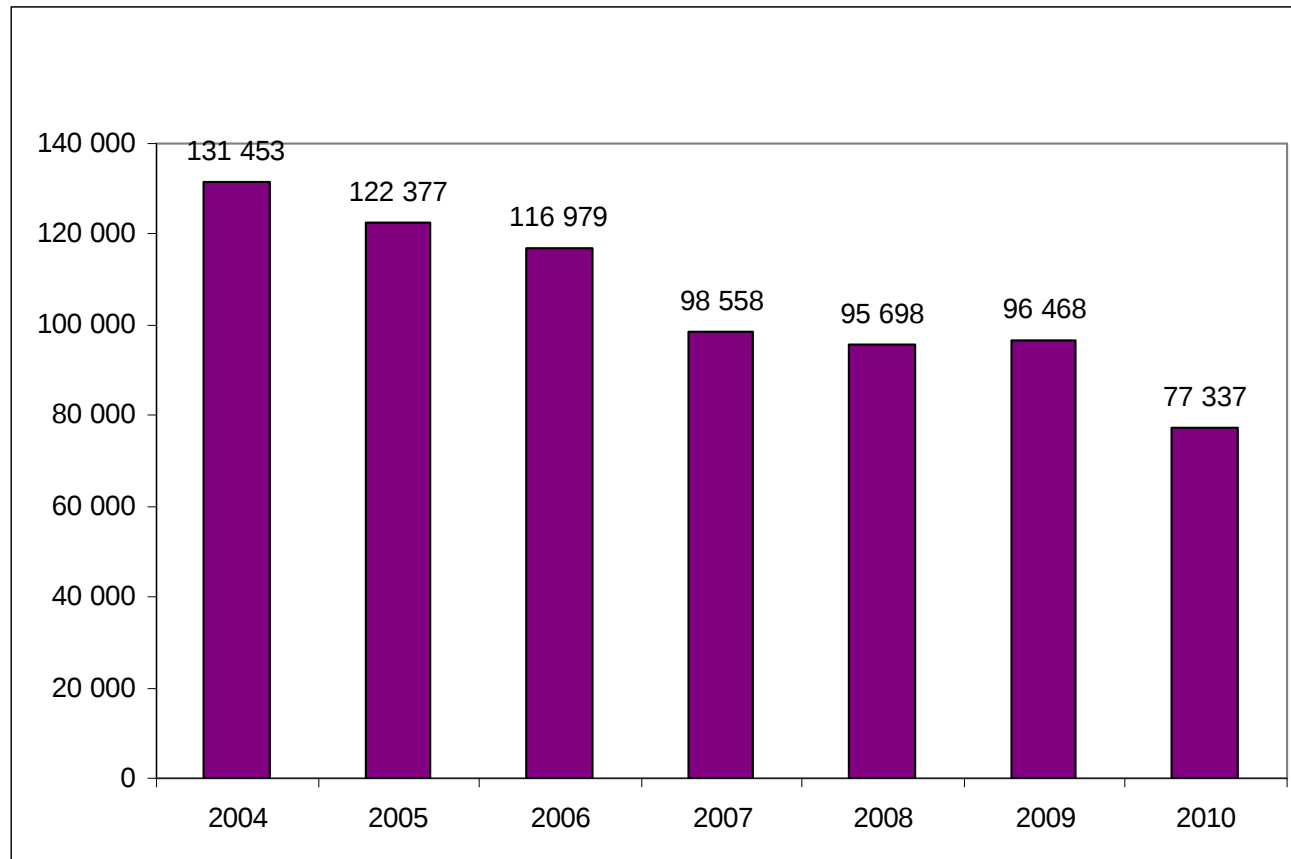
Annual volume of pasteurized milk and of sold milk between 2004 and 2010



Improve the quality ...

- » of reception with mothers
- » of information delivered to the mothers
- » of the milk

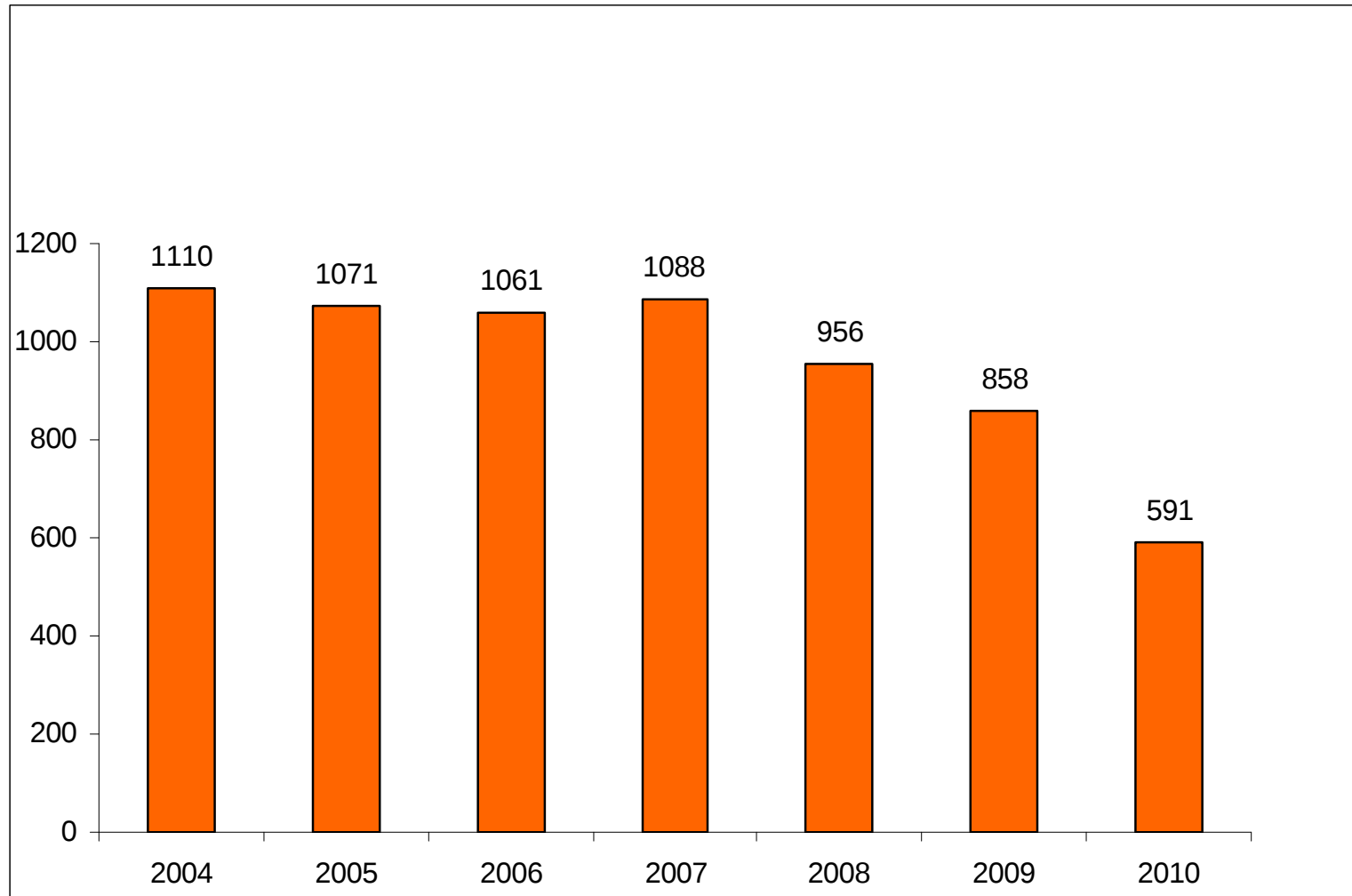
Number of kilometers / year between 2004 and 2010



19 131 km less in 2010/2009
Car rental : 3424.80 euros/year



Number of donors / year between 2004 and 2010



267 donors less in 2010/ 2009

We save money in 2010/2009 ...

- Serological testing : 267 less (25 375 euros)
- Bacteriological testing : 1228 less (331 euros)
- Bottles : 5773 euros less

One nurse less : 30 000 euros/ year



Next steps ...

- Develop our quality process
- Lactating consultant in training
- Interview mothers ...



Many thanks to all the team
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Didier and Amar