



THE QUEBEC BOVINE PRACTICE MODEL...

...An Example of
Farmer – Veterinary - Government Agreement

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AABP, September 2012



PLAN



- ◉ Dairy situation in Québec
- ◉ History ASAQ agreement
- ◉ How ASAQ works + description of « Quebec model »
- ◉ Ups and Downs of Quebec model
- ◉ The future...



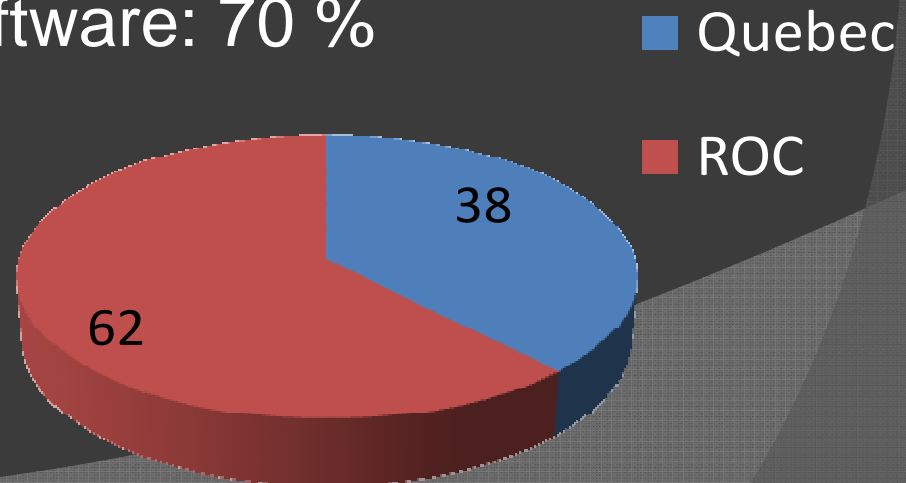
BOVINE MEDICINE IN QUEBEC...



DAIRY QUEBEC, CONTEXT...

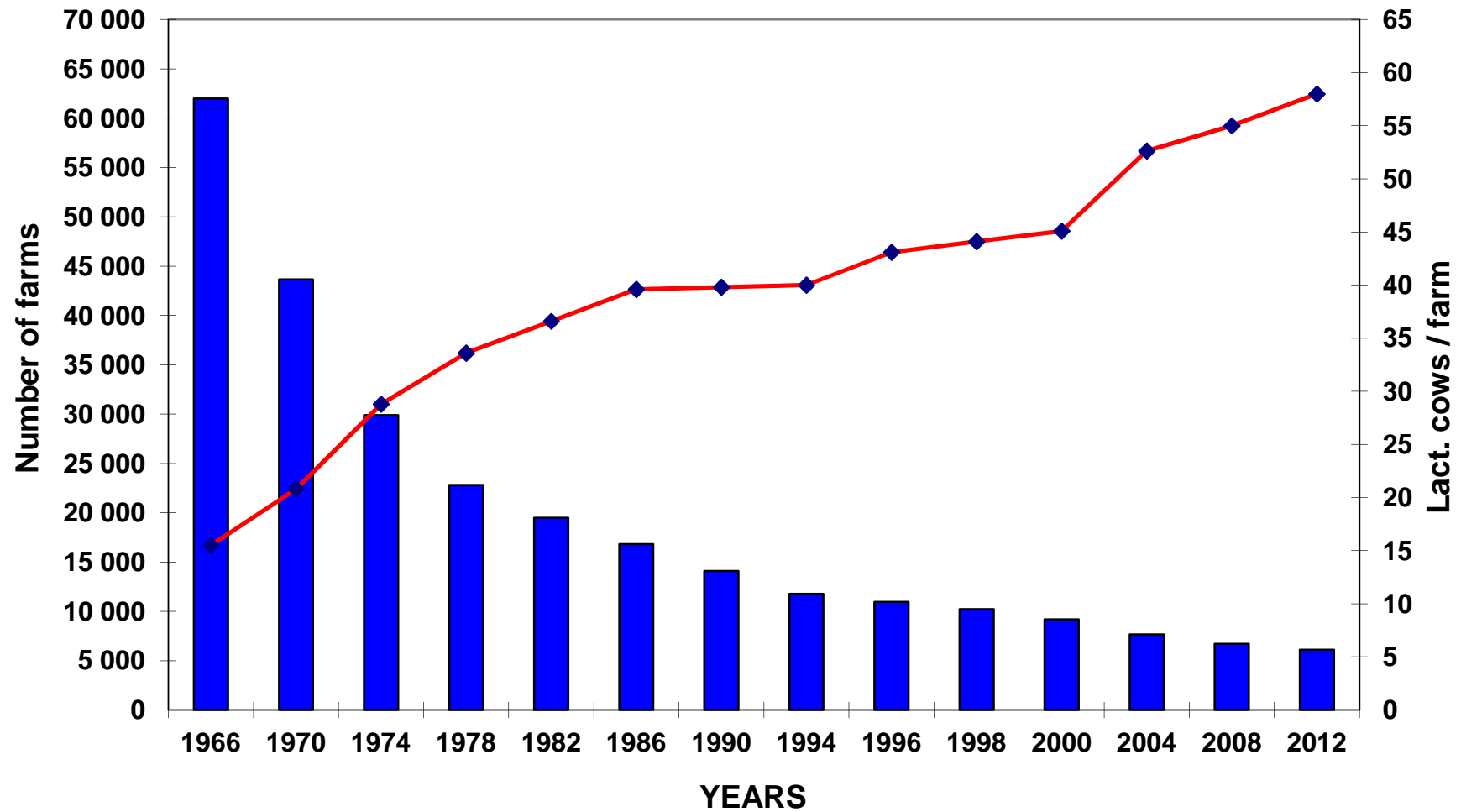


- Quebec's share of Canadian milk
 - 38 %
- Roughly 6000 dairy herds
 - 5000 are on DHI (Valacta): 80 %
 - 2500 on VET-computerized Herd Health (DSA): 42 %
 - 1700 have on-farm software: 70 %
 - DSA: 75 %

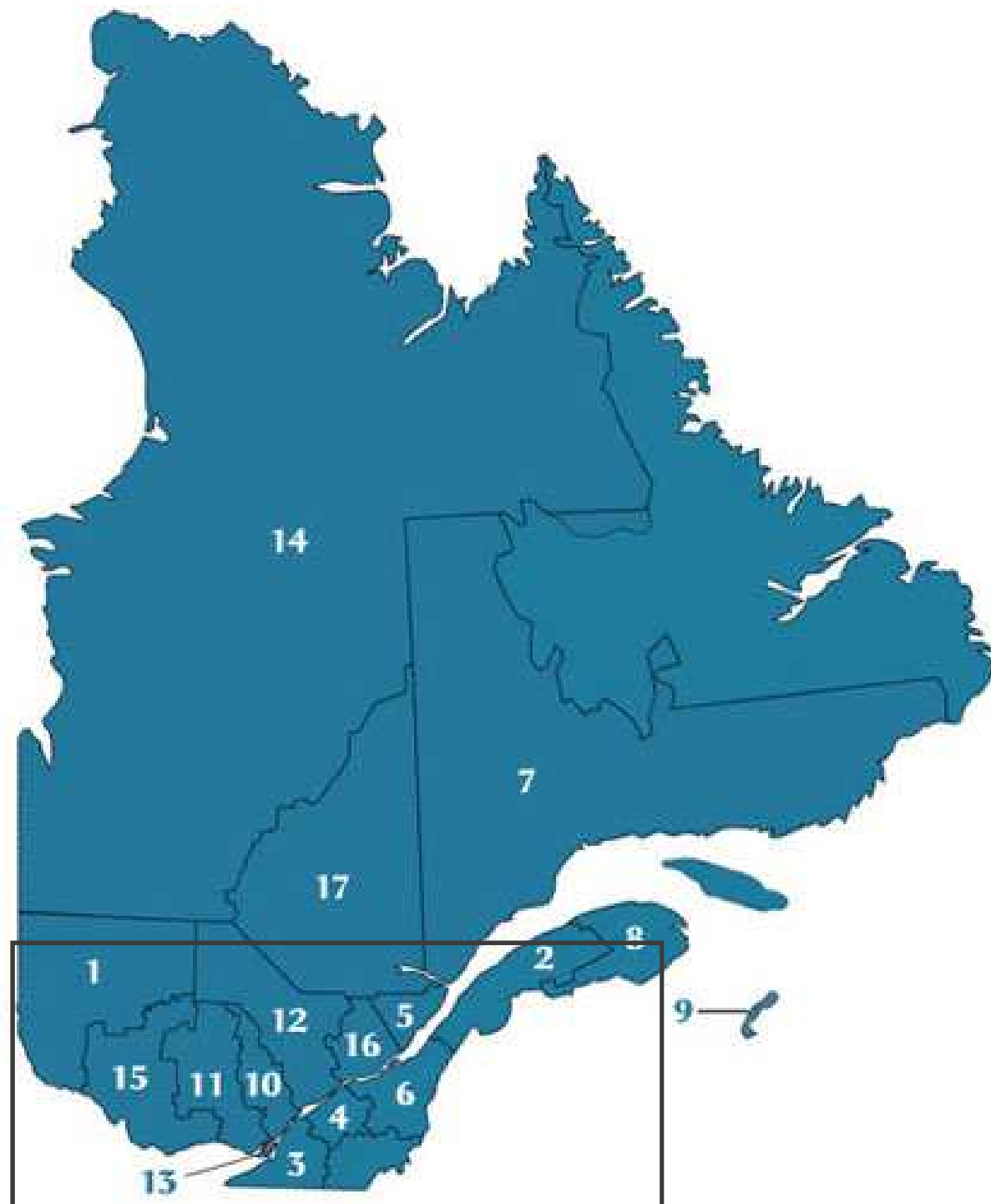


www.statcan.gc.ca

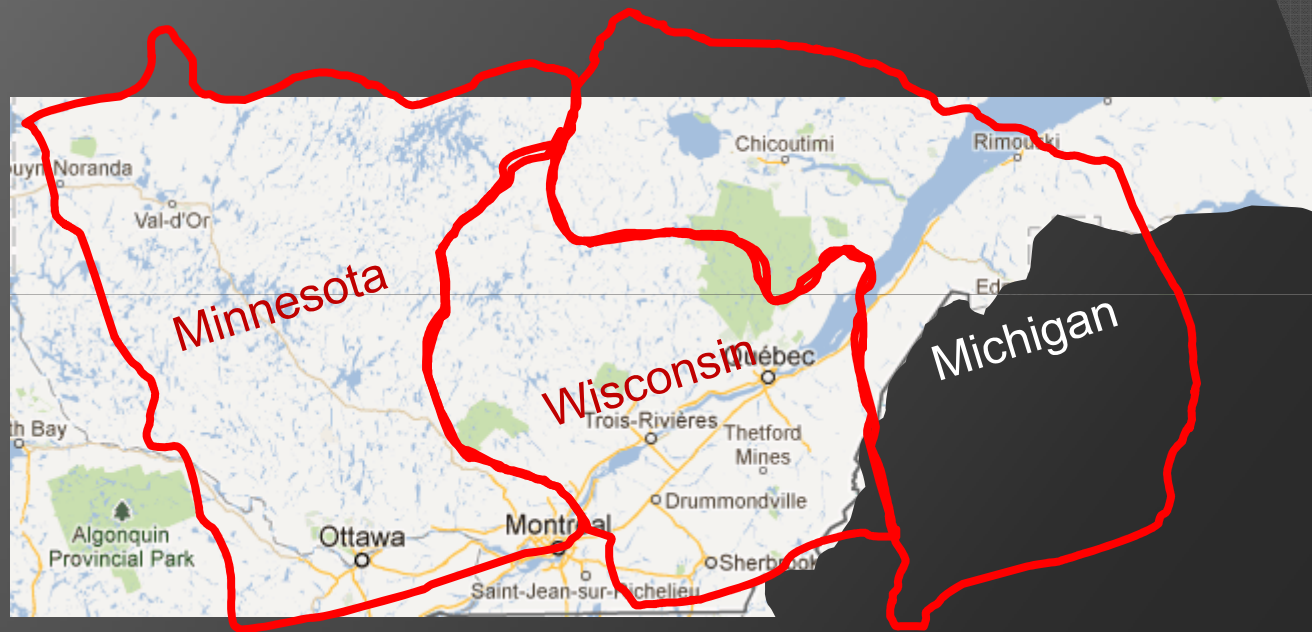
Number and size of Quebec dairy farms



Source : ISQ, Statistiques agricoles du Québec and FPLQ, Ann. Reports









THE QUEBEC MODEL...

...WHERE IT CAME FROM



QUEBEC MODEL HISTORY



- Royal commission on Agriculture 1967
 - Low manpower, variable drug costs, peddlers
 - MAPAQ (govt) invests in vet education...return?

- 1971 birth of « ASAQ agreement »
 - Guarantees UPA members standard vet/drug fees
 - Gives MAPAQ access to epidemio. Info.
 - Govt subsidy to producers via vets
 - Creation of CDMV

QUEBEC MODEL HISTORY



- ◉ 4 Partners: MAPAQ, AMVPQ, UPA, CDMV



- ◉ CDMV

- At first, a dept of MAPAQ
- Circa 2003: Became independant corporation

- ◉ CDMV's mission

- Primarily: Provide drugs to partners of ASAQ
- Now: ASAQ-affiliated vets: 38 M\$ out of 200 M\$



THE QUEBEC MODEL... *...HOW IT WORKS*

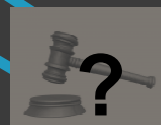
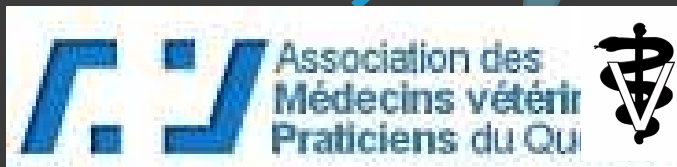


QC MODEL, NUTS & BOLTS



Agriculture, Pêcheries
et Alimentation

Québec



15,2 M \$



QC MODEL NUTS & BOLTS



- Private clinics
- Gov. subsidy to producer on mileage + hourly rate.

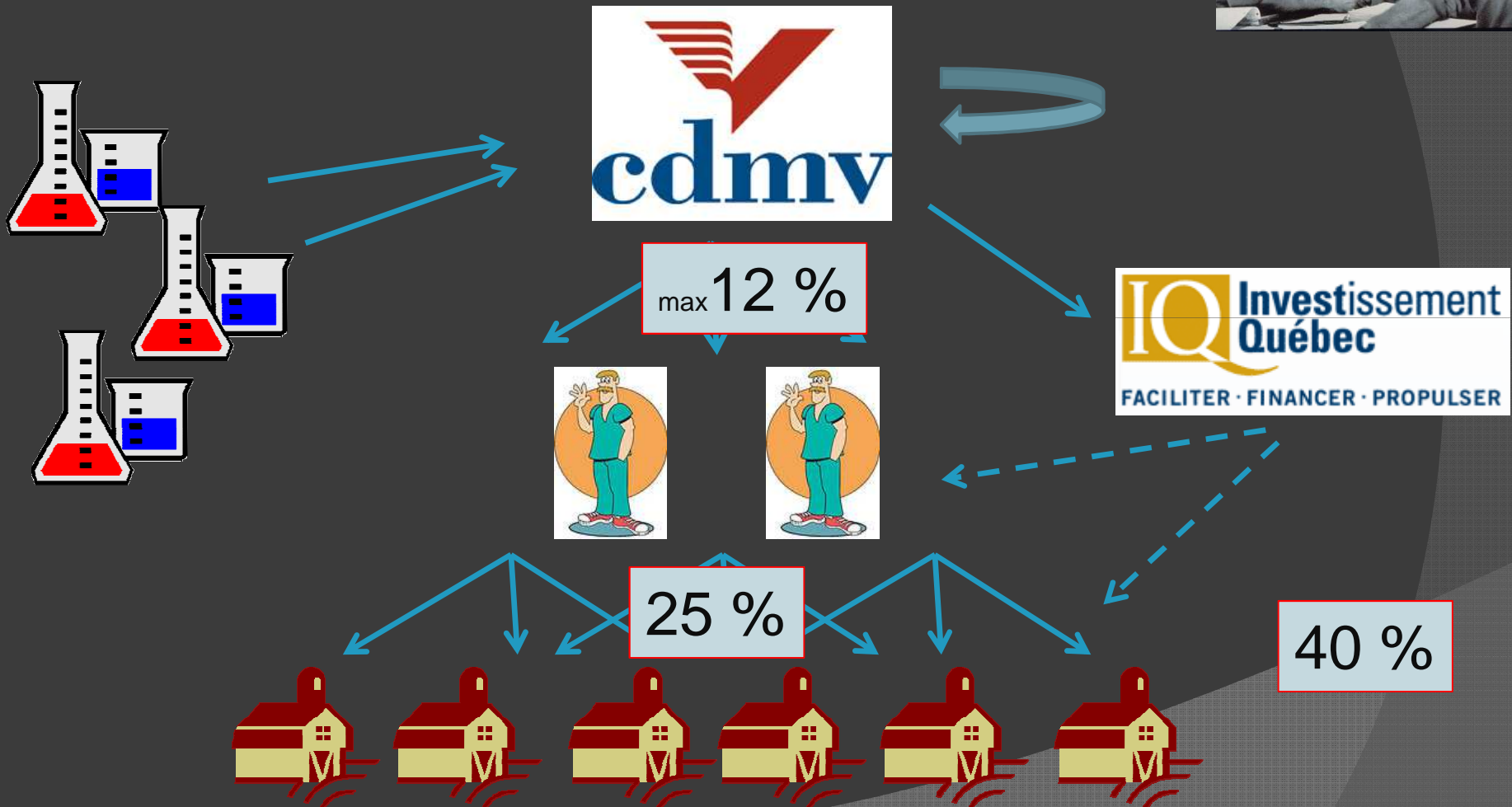
		Visit	Hourly	Total	
Less than 25 km	govt	10,82	38,69	49,51	27%
	farmer	42,29	91,55	133,84	73%
	total	53,11	130,24		
45 km from clinic	govt	52,54	38,69	91,23	40%
	farmer	42,29	91,55	133,84	60%
	total	94,83	130,24		

QC MODEL NUTS & BOLTS



- ◎ Govt / Producer ratio shrinking.
 - From 70 / 30 to 30 / 70
 - Down from 23M \$ to 15,2M \$
- ◎ Challenges
 - GATT, WTO negotiations
 - Govt financial crisis, budget cuts
- ◎ Annual number of vet visits: 200 000

DRUGS... THE MONEY TRAIL



BOVINE CLINICS IN QC STATS...



- ◎ Size of clinics increasing
 - 4.3 vets on average.
- ◎ Territory coverage: 100 %
 - «Peripheral » regions
 - Clinic subsidy to hire 2nd vet
 - « Remote » areas (2)
 - Service contract for vet presence.



THE QUEBEC MODEL... *...UPS AND DOWNS*





THE QUEBEC MODEL...

... UPS



QUEBEC MODEL UPs

● UP side for MAPAQ...



- Good data
 - Emerging diseases
 - Zoonose surveillance

Antibiotic use

● UP side for UPA

- Decent, standardized vet fees
- Geographic coverage

● UP side for AMVPQ



- Vet demand stability
- « Blooming of Herd Health medicine »



QUEBEC MODEL UPs



- ◎ DSAHR (formerly ASTLQ)
 - Created in 1991 by AMVPQ and U of M
 - Research project
 - « Privatized » around 2004
 - 13 private owners (CVC being one)
 - On-farm version launched around 2005
 - Bought by AMVPQ 2008
 - Effort to « democratize HH / counselling »





Université
de Montréal

Health database

> 154 000 cows

Herds
files

Knowledge
transfer

Veterinarians

68 clinics

Comparative report

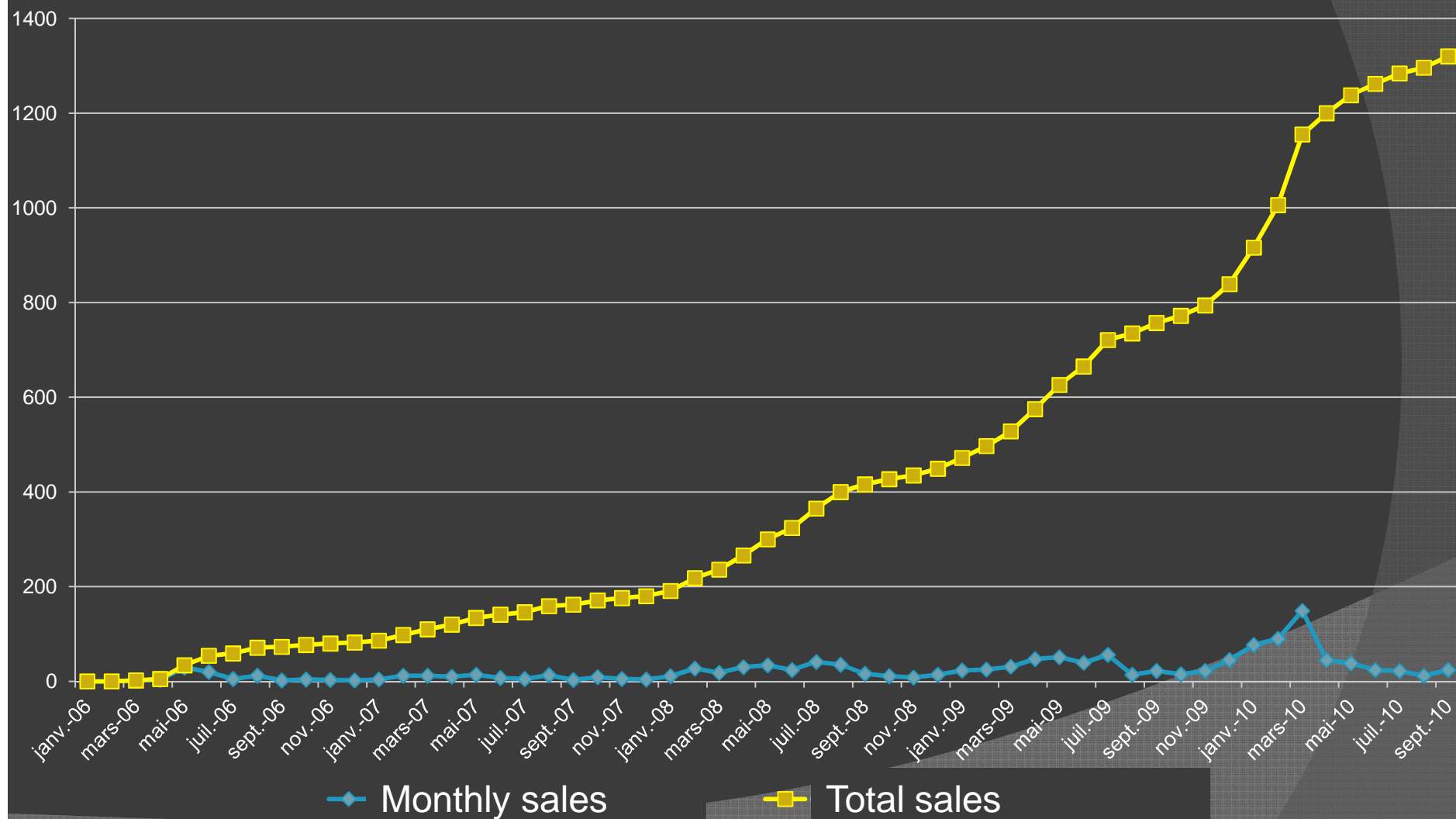
Producers

>2 600

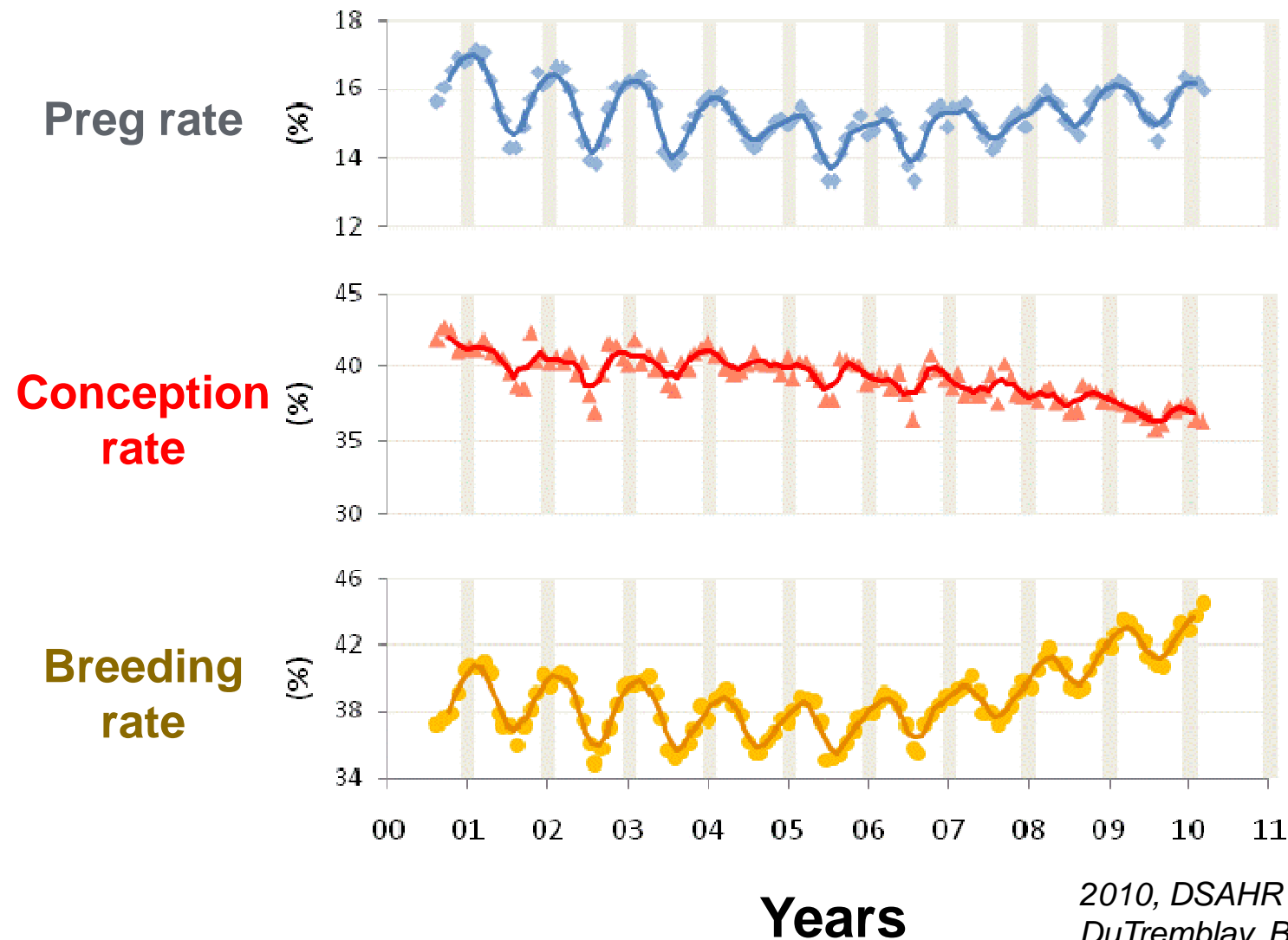
Health and reproductive
data

Performance analysis
List of interventions

DSA « ON-FARM VERSION » SALES



MOMENTUM CHANGE...



2010, DSAHR database, Carrier,
DuTremblay, Bouchard

QUÉBEC MODEL UPS



- ⊙ Helps provide the « cornerstone » of an epidemio-surveillance / public health network:
 - Vet presence on farm
- ⊙ Quebec Model: compatible with
 - Future regulatory / public health requirements.
 - Agricultural « quality » programs
 - Ex: CQM



THE QUEBEC MODEL... *... DOWNS*



QUEBEC MODEL DOWNS



- ⊙ Cost to taxpayers...
- ⊙ Vet service / drug market distorsion
 - Not exactly a free-market capitalist model !

QUEBEC MODEL DOWNS



- ⦿ Regulatory framework for drug sales within ASAQ misadapted to modern reality.
- ⦿ Herd size increase:
 - Hourly rate subsidy overthrown by drug prices that are skewed upward by the double-markup system.



WHAT ABOUT THE FUTURE ?...



MERCI...



CLINIQUE VÉTÉRINAIRE
COATICOOK