



Animal Health Ireland – A collaborative approach to animal health

JOE O'FLAHERTY, CEO, ANIMAL HEALTH IRELAND

AFBI SCIENCE - SHAPING LIVESTOCK FARMING FOR 2030 - 28 MARCH 2017

ABOUT AHI

A non-profit, public-private partnership providing the leadership, knowledge, education and coordination needed to establish effective control and eradication programmes for non-regulated diseases of livestock (cattle)



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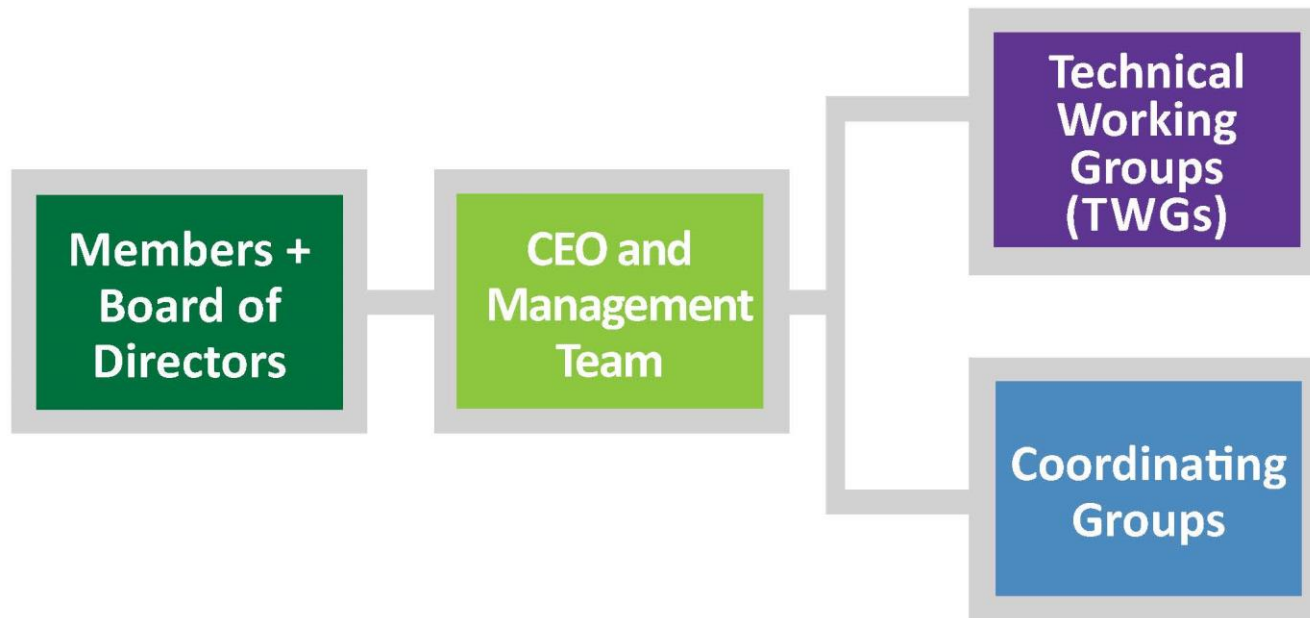
MISSION:

To contribute to a profitable and sustainable farming and agri-food sector through improved animal health

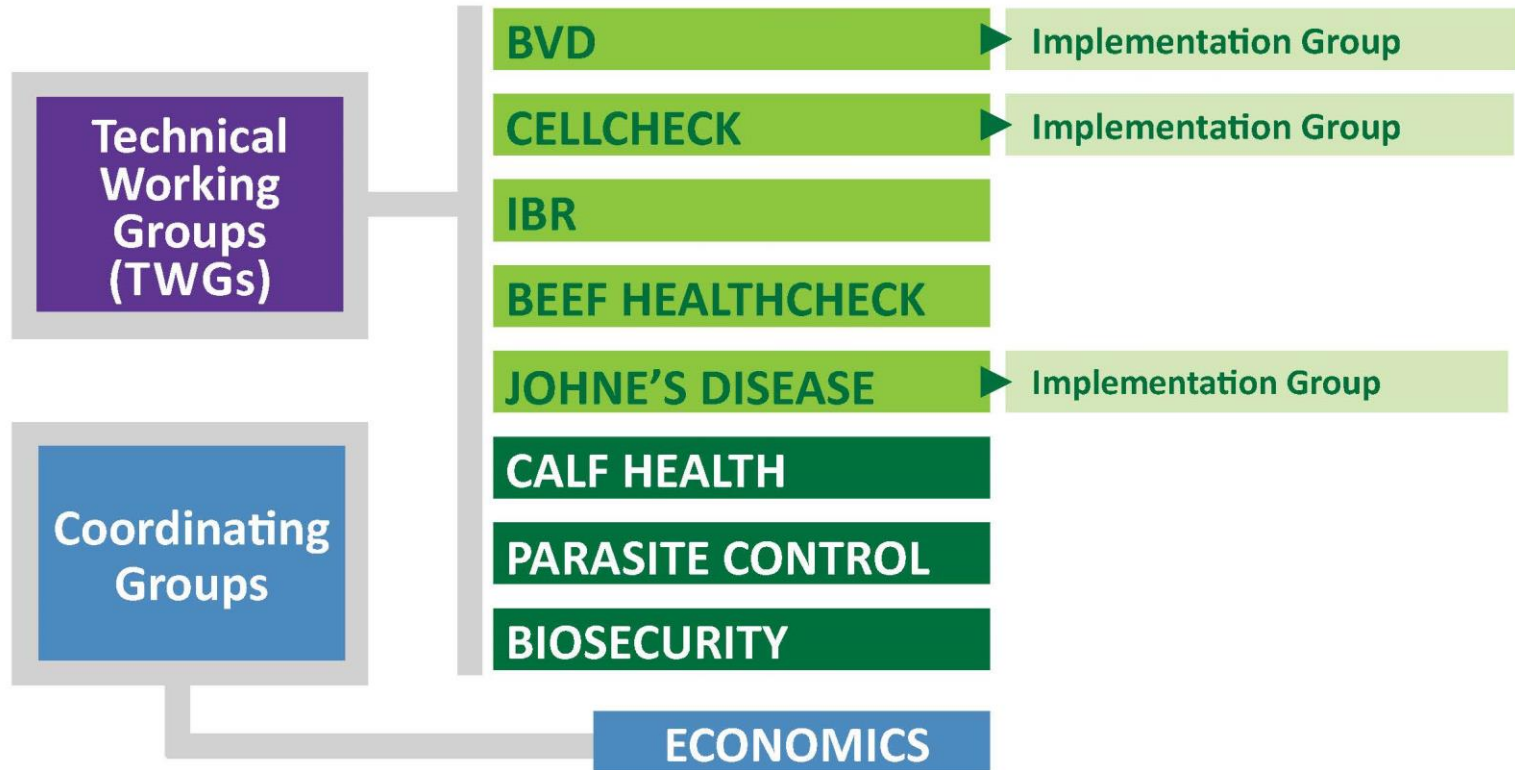
REMIT:

To pursue effective control strategies for economically important diseases of livestock which are not subject to international regulation

STRUCTURE OF AHI



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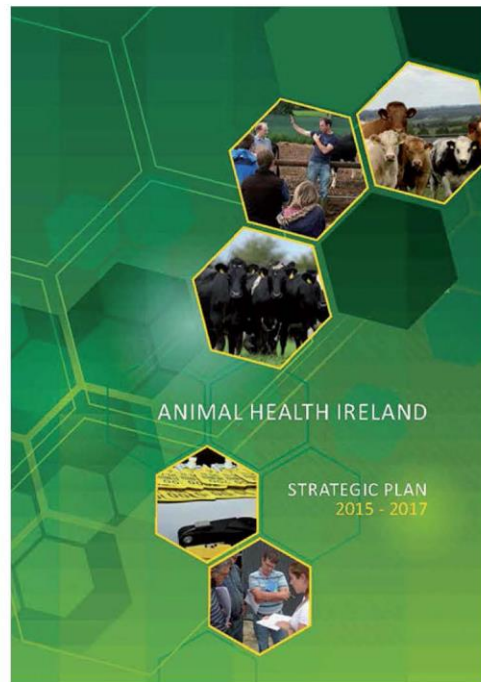


OUR PROGRAMMES – OVERVIEW

AHI: STRATEGY (2015-2017)

Core Programmes

- BVD eradication
- CellCheck
- Beef HealthCheck
- Johne's Disease control
- IBR

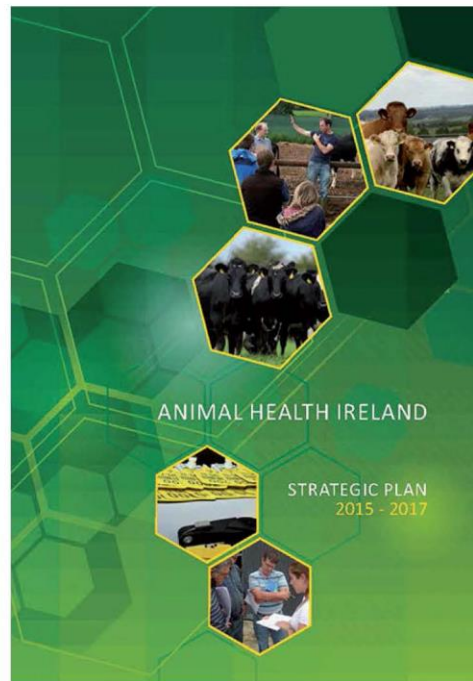


OUR PROGRAMMES – OVERVIEW

AHI: STRATEGY (2015-2017)

Other Work Areas

- Biosecurity
- CalfCare
- Parasite Control
- AH Economics



ABOUT AHI

VALUES:

- Service
- Objective
- Collaborative
- Innovative
- Accountable

ABOUT AHI

VALUES:

- Collaborative
- Service
- Objectivity
- Innovative
- Accountable

COLLABORATIVE:

We recognise that our objectives can only be achieved through collaboration.

We continually engage with our stakeholders, seeking to align our respective goals where possible and to make best use of available synergies.

INTENTION-BEHAVIOUR GAP

Combination of measures to secure sustainable change:

- Technology
- Family Norms
- Fiscal Measures
- Peer Pressure
- Incentives
- Regulations

BEHAVIOUR CHANGE

CellCheck

BVD

ATTITUDE-INTENTION BEHAVIOUR GAP

Johne's Disease

CHANGE IN ATTITUDES

IBR

Beef HealthCheck

KNOWLEDGE

Other Programmes

AWARENESS

AHI OUTCOMES



CellCheck

€38M

The increase in milk value in 2015 relative to that in 2013, due to reduced SCC

BVD

€66M

The net benefit to farmers from reduced BVD prevalence in 2016, relative to prior to the programme

AHI OUTCOMES



Technical Working Groups

76 members
143 meetings

Implementation Groups

178 members
121 meetings

North-South Collaboration

2014 Irish Times /
InterTrade Ireland Award
for North-South

AHI OUTCOMES



FACILITATOR OF
DIALOGUE ON
ANIMAL HEALTH

EU and International Collaboration

Membership of European
Federation of animal health and
food safety bodies (FESASS)

Participation in international
conferences and other
collaborations

AHI OUTCOMES



**PROVIDER OF
TRAINING AND
EDUCATION**

CellCheck Farmer Workshops

232 workshops to date

2,068 Farmers trained through the CellCheck programme

~9,000 copies of the CellCheck farm guidelines in circulation

BVD herd investigations

1,650 investigations to date

AHI OUTCOMES



**PROVIDER OF
TRAINING AND
EDUCATION**

- **All programmes**

- 29 information leaflets
 - 66 monthly bulletins
 - 32 quarterly newsletters

- **All programmes**

- 46 on-farm events attended
by 7,250 farmers

AHI OUTCOMES



● Payments

€875,669 paid out to date

3,960 payees



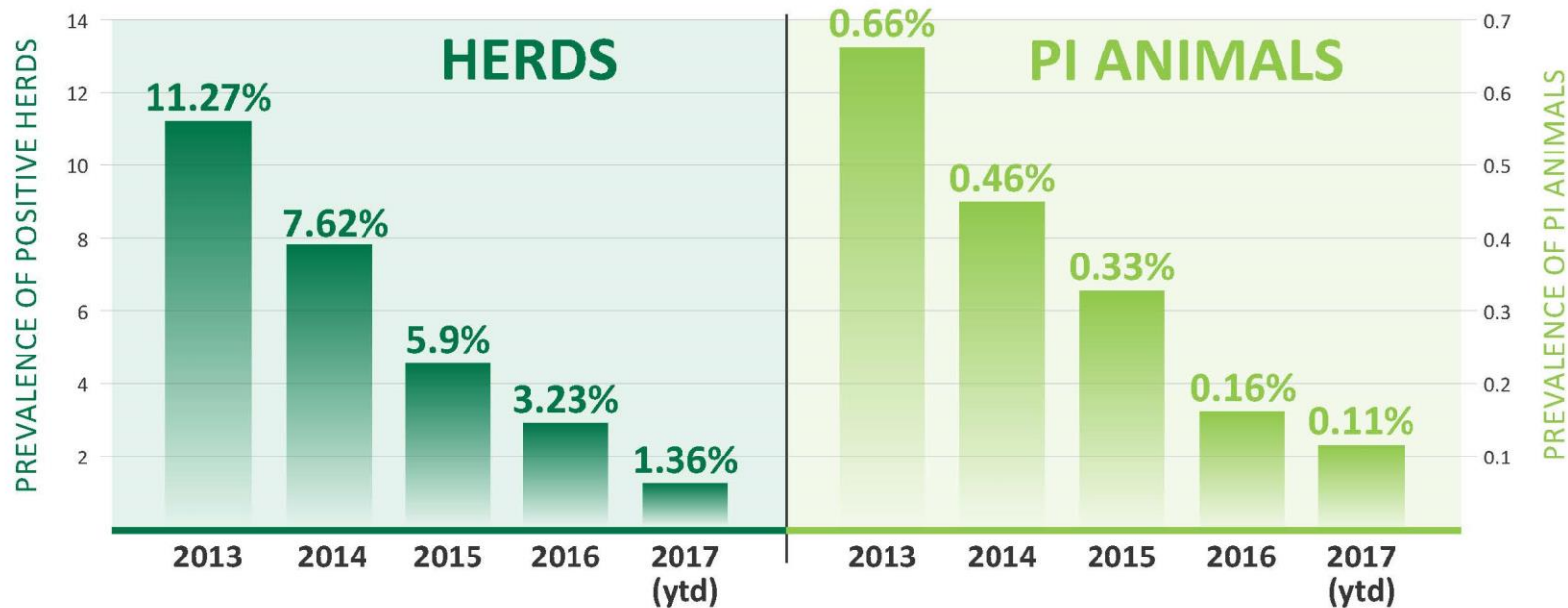
NATIONAL BVD ERADICATION PROGRAMME



BVD Free
Animal Health Ireland.ie

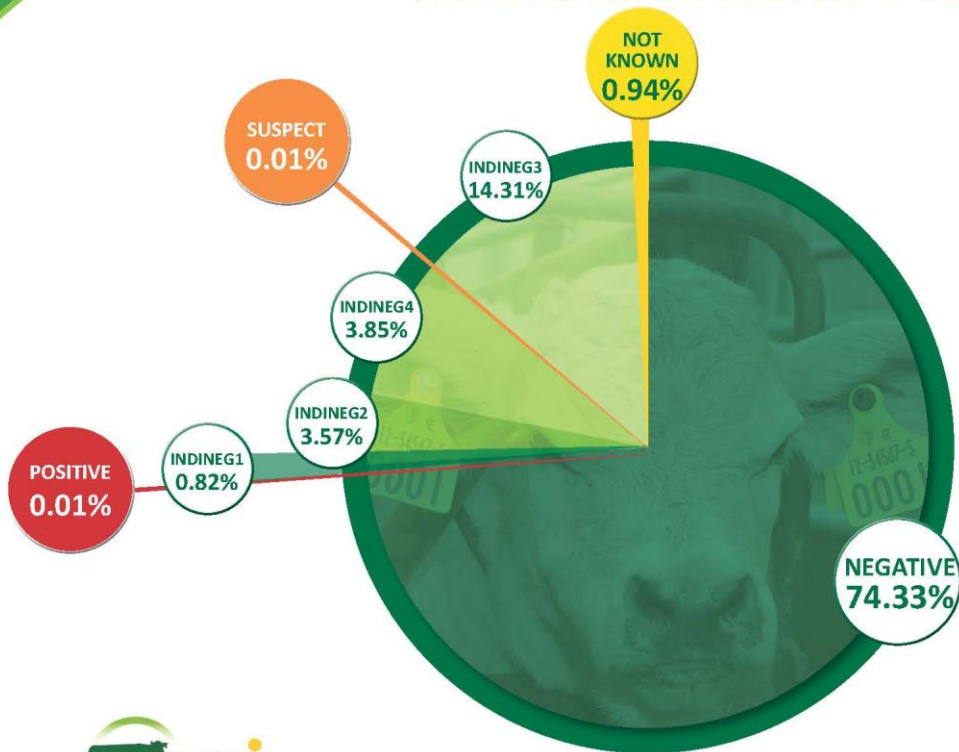


NATIONAL BVD ERADICATION PROGRAMME



NATIONAL BVD ERADICATION PROGRAMME

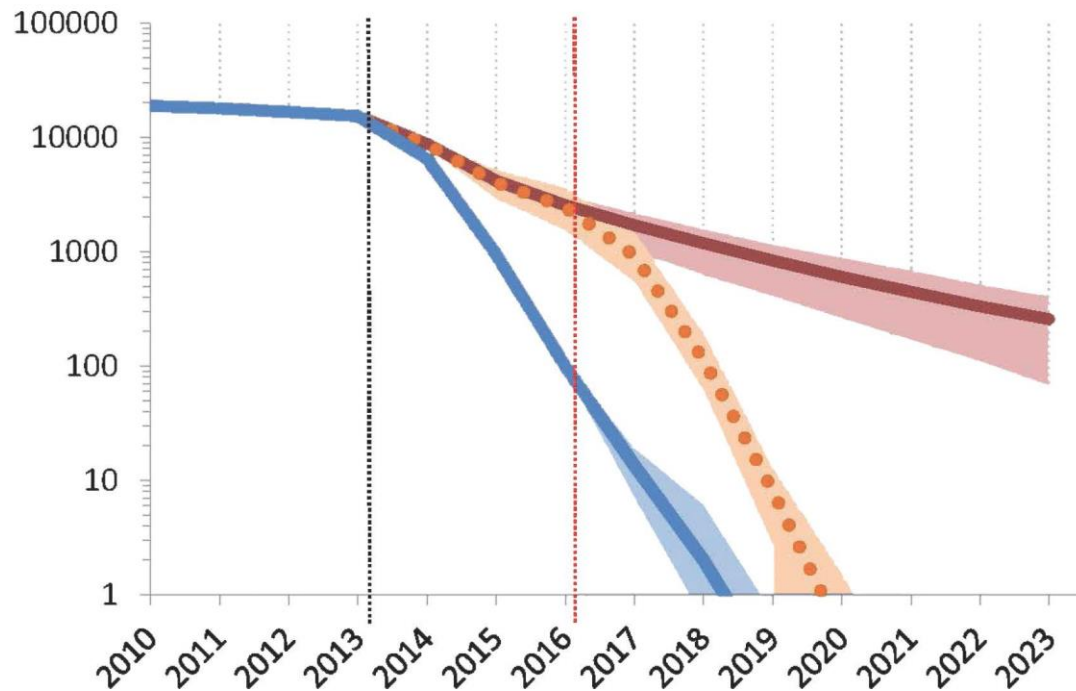
NATIONAL HERD PROFILE (24/01/17)



NEGATIVE	4,208,818
INDINEG1	46,504
INDINEG2	202,225
INDINEG3	426,589
INDINEG4	724,570
UNKNOWN	53,131
POSITIVE	327
SUSPECT	530
TOTAL	5,662,694

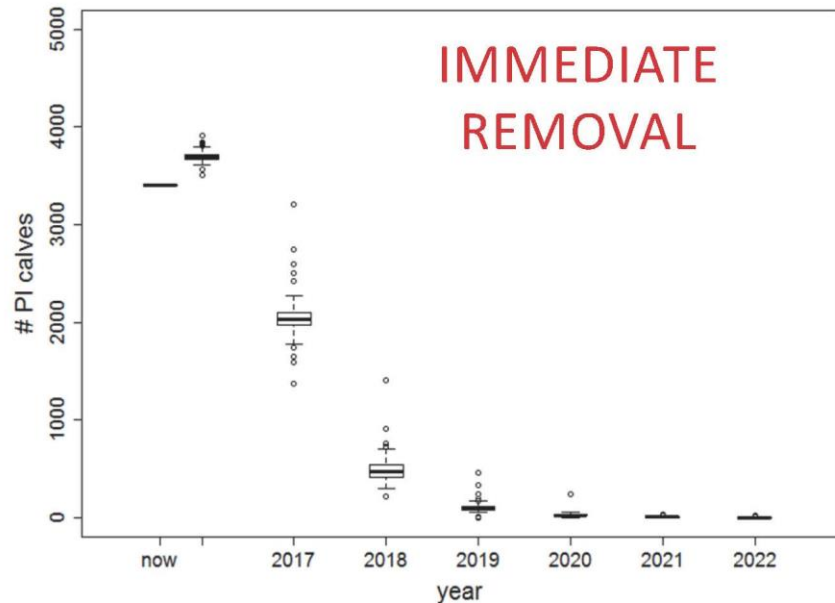
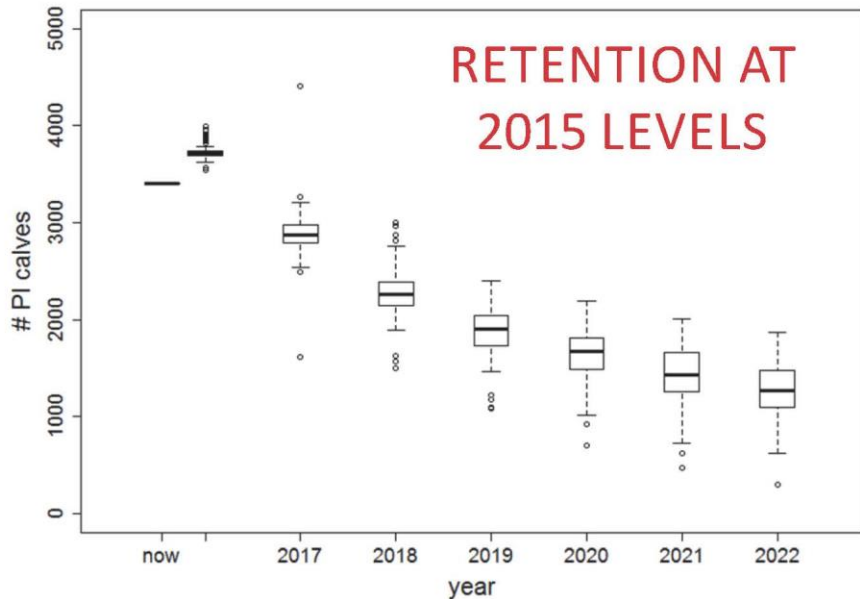
NATIONAL BVD ERADICATION PROGRAMME

THE IRISH BVD MODEL



NATIONAL BVD ERADICATION PROGRAMME

TIME TO ERADICATION - PI CALVES



CELLCHECK - NATIONAL MASTITIS CONTROL PROGRAMME



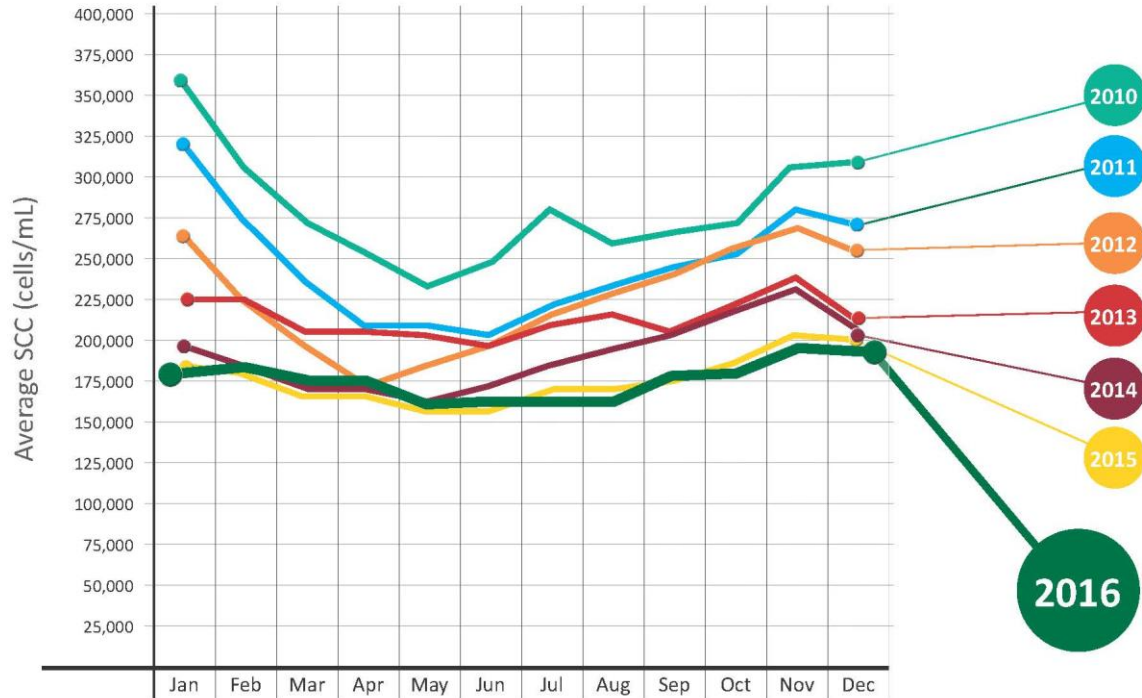
CellCheck
AnimalHealthIreland.ie



Contributing to a profitable and sustainable farming and agri-food sector through improved animal health

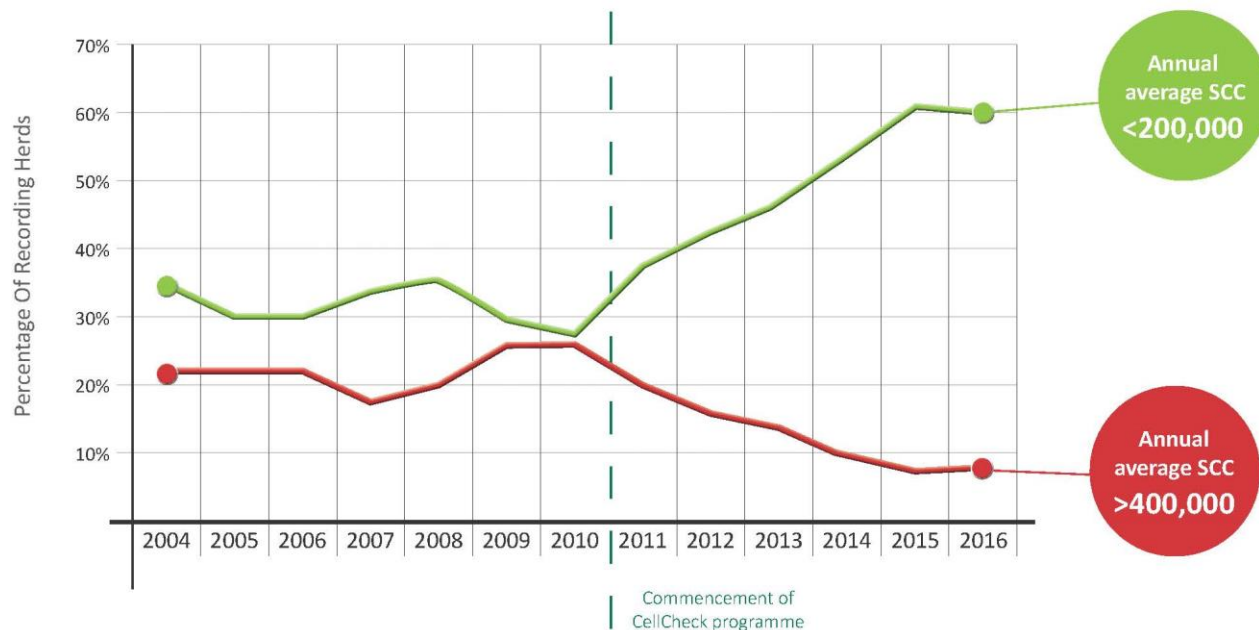
CELLCHECK - NATIONAL MASTITIS CONTROL PROGRAMME

MILK RECORDING HERDS MONTHLY MEAN SCC



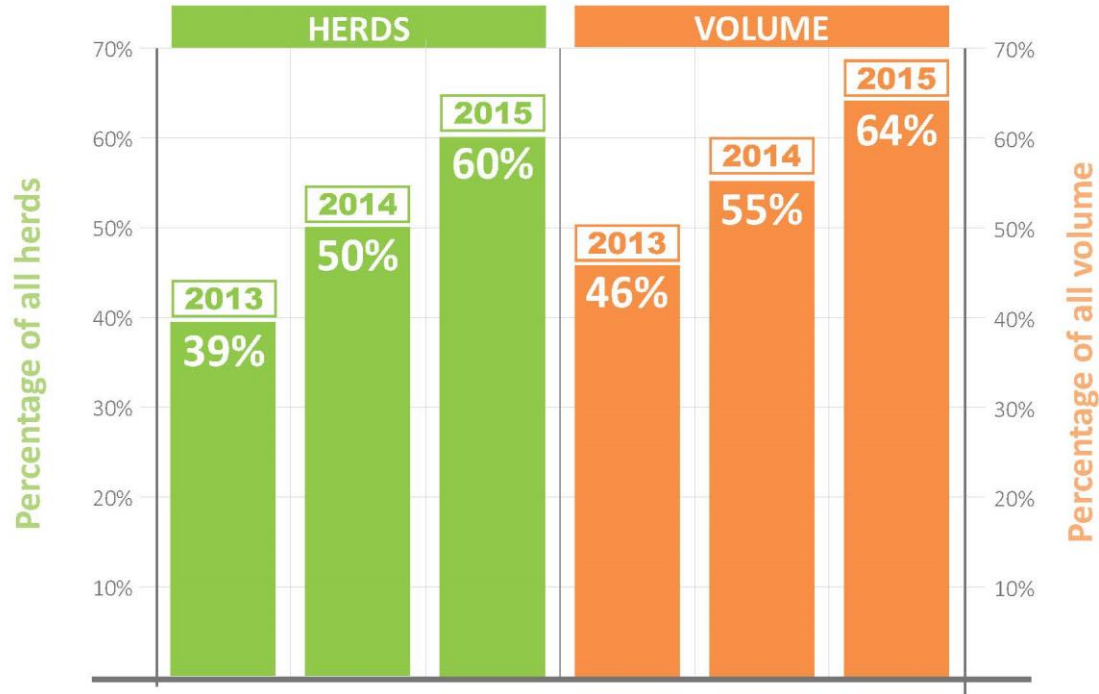
DISTRIBUTION OF MILK RECORDING HERDS

(2004 - 2016)



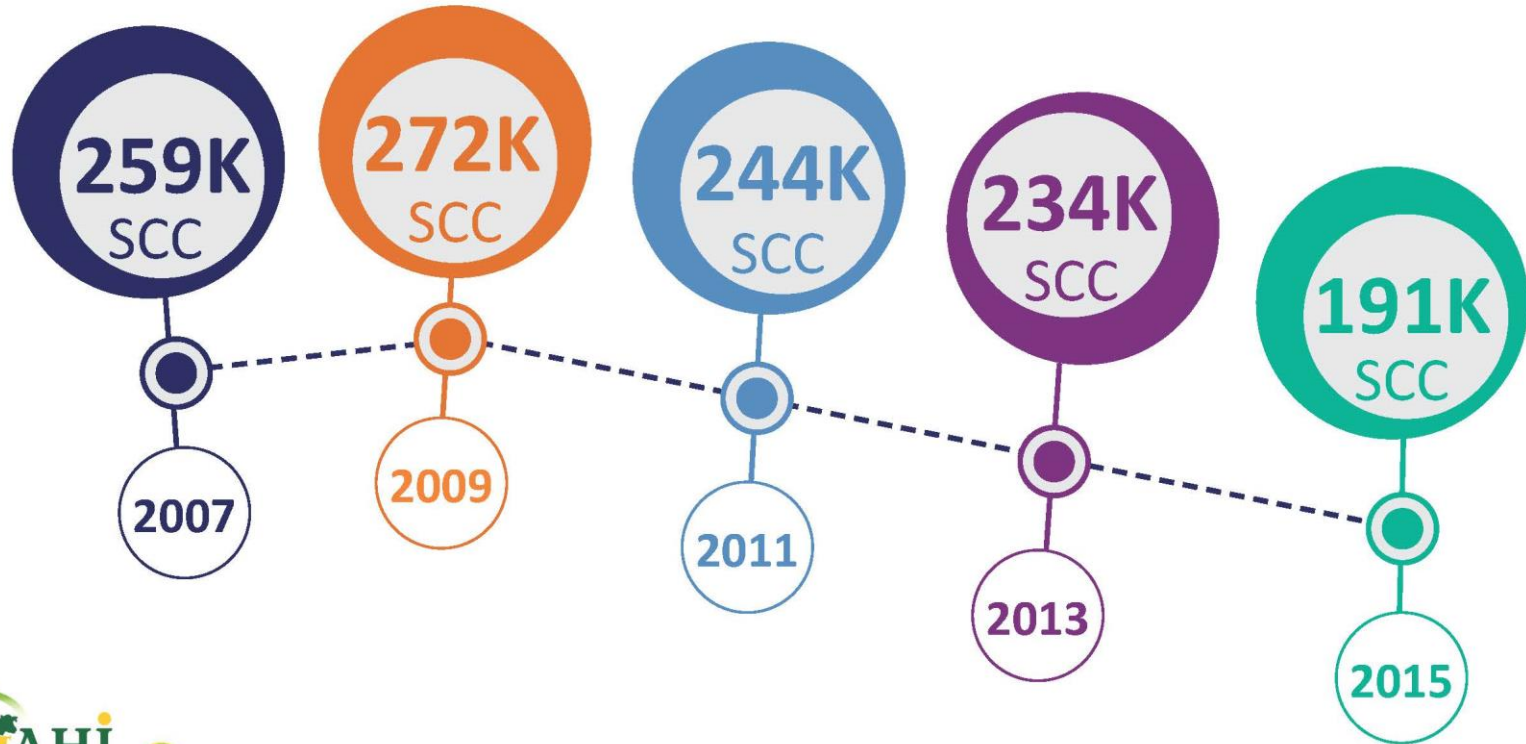
CELLCHECK - NATIONAL MASTITIS CONTROL PROGRAMME

ANNUAL AVERAGE NATIONAL BULK TANK DATA



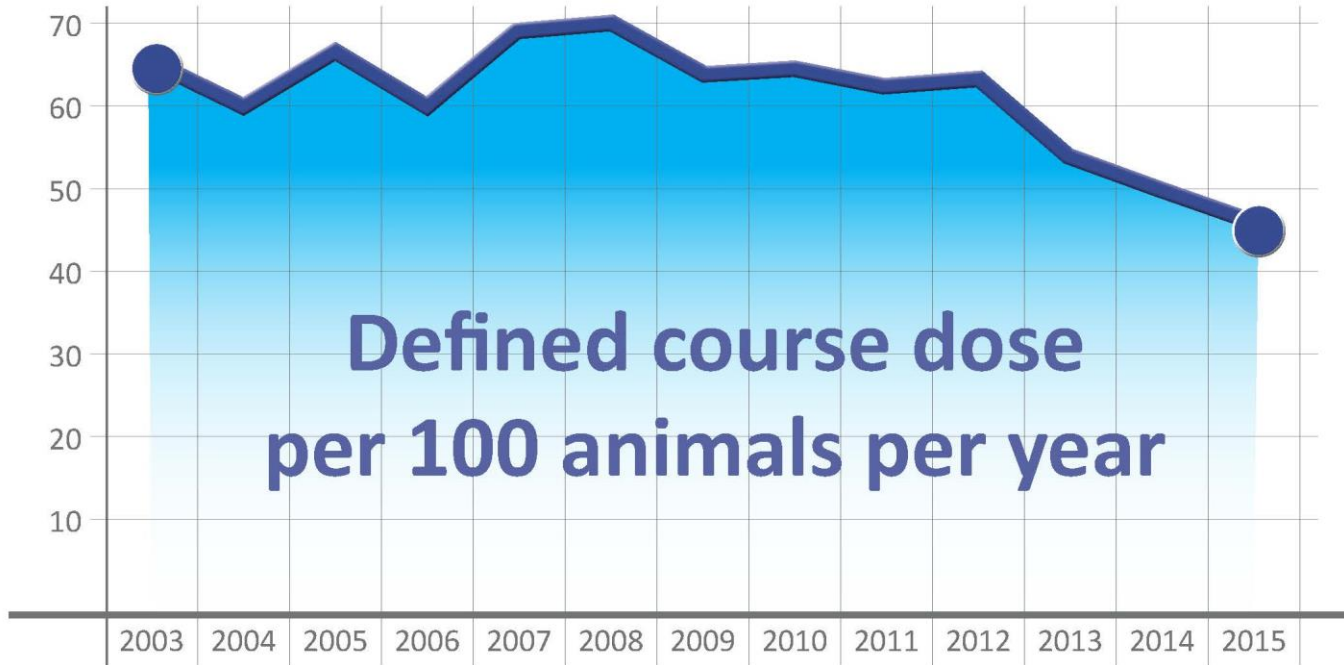
CELLCHECK - NATIONAL MASTITIS CONTROL PROGRAMME

ANNUAL AVERAGE NATIONAL BULK TANK DATA



CELLCHECK - NATIONAL MASTITIS CONTROL PROGRAMME

CHANGES IN IN-LACTATION INTRA-MAMMARY ANTIBIOTIC USAGE



BEEF HEALTHCHECK - NATIONAL BEEF HEALTH PROGRAMME



BEEF HEALTHCHECK - NATIONAL BEEF HEALTH PROGRAMME

USING THE INFORMATION

- Implementation and monitoring of herd health plans
- Economic analysis of disease impact
- Herd investigative tools
- Trends, benchmarking
- Mapping
- External research projects (animal welfare, novel control strategies)

JOHNE'S DISEASE PILOT PROGRAMME (2014-2016)



Johne's Control
Animal Health Ireland.ie

JOHNE'S DISEASE PILOT PROGRAMME (2014-2016)

- 490 private veterinary practitioners trained by AHI to deliver on-farm risk assessments (vRAMPs).
- ~ 2,400 vRAMPs carried out at a total cost of ~ €550,000 (funding provided by DAFM).
- Development of a network of private laboratories designated to provide testing to the programme according to defined criteria, including accreditation to ISO 17025.

JOHNE'S DISEASE PILOT PROGRAMME (2014-2016)

- Development of an evidence-based system for allocating herds into risk categories based upon JD test results and animal movements.
- Development of a programme database (ICBF) to manage test results and VRAMP information.
- Development and execution of a comprehensive communication plan.

JOHNE'S DISEASE PILOT PROGRAMME (2014-2016)

- Completion of economic analyses at farm and market level.
- Completion of two major stakeholder surveys (farmers and vets).
- Recruitment of a Programme Manager with extensive experience of JD management in Australia.
- Extensive use of social sciences to develop insights into the behaviour of key actors.
- Ongoing dialogue with stakeholders on developing a successor to the pilot programme.



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