

National Johne's Program Update

USAHA National Johne's
Working Group
October 18, 2007



Safeguarding Animal Health

Voluntary Bovine Johne's Disease Control Program



Education

Management - requires risk assessment and herd management plan

Herd Classification - requires risk assessment, herd management plan and testing

Test positive herds

Test Positive Component
Optional Assessment Levels

Level D:

Whole herd test performed with >15% positive test or any positive result

Level C:

Whole herd test with 5-15% positive tests.

Level B:

Whole herd test performed with <5% positive tests.

Level A:

No infected animals found.

Test 30 animals that are second lactation or higher or environmental sampling

Test negative herds

Test Negative Component

Year 1 Level 1:

Estimated 85 percent confidence of having a noninfected herd

Year 2 Level 2:

Estimated 95 percent confidence of having a noninfected herd

Year 3 Level 3:

Estimated 98 percent confidence of having a noninfected herd

Year 4 Level 4:

Estimated 99 percent confidence of having a noninfected herd.

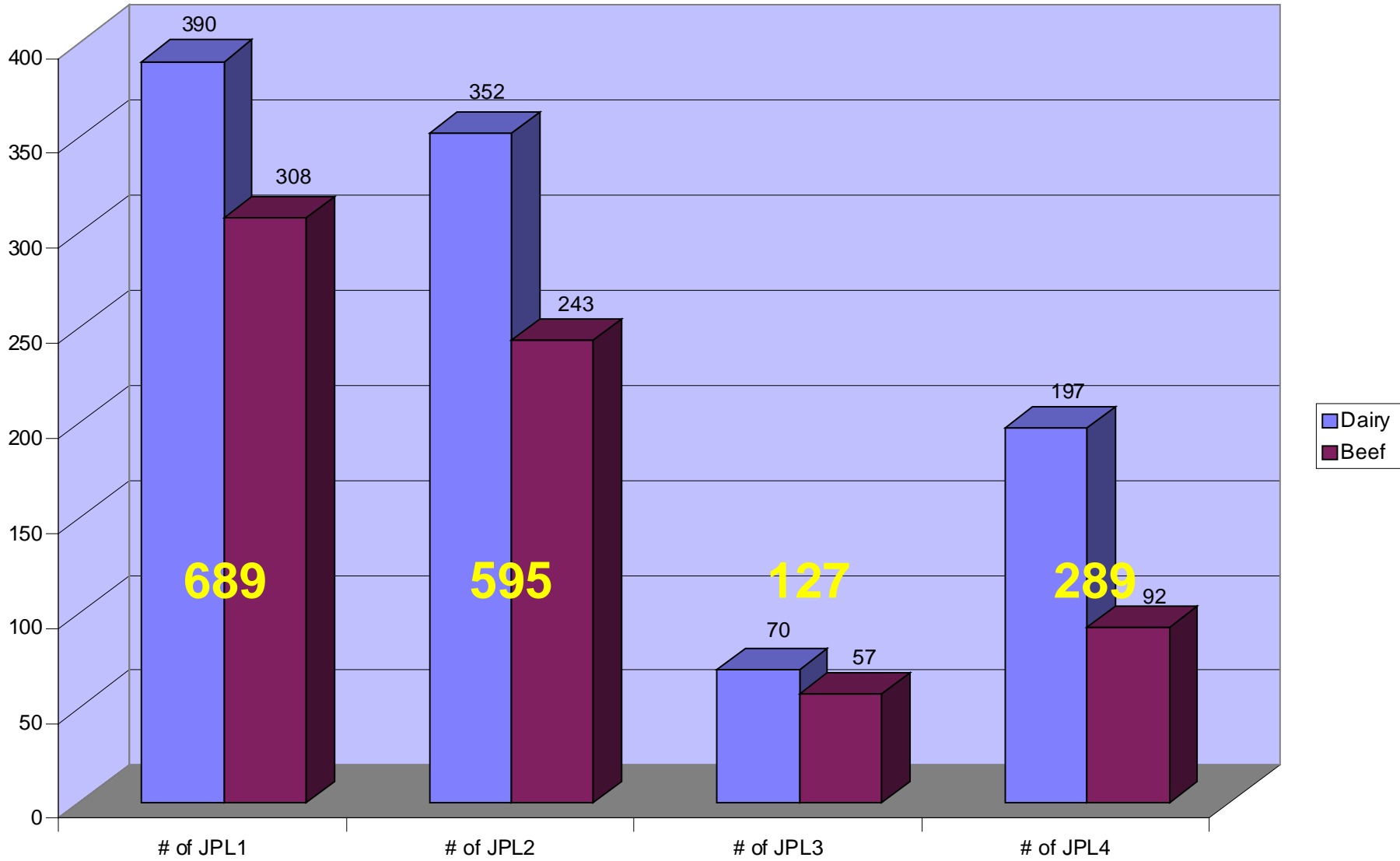
If no infected animals are found, herd could enroll in the test negative component of the program, herd addition rules apply in test negative component

Yearly Progress (FY)

	2003	2004	2005	2006	2007*
Advisory committees	42	44	47	48	49
# States in compliance with VBJDCP at the beginning of year	34	36	43	48	49
# Herds in VBJDCP	4,722	6,189	7,876	8,736	8,483*
Total Status Herds	543	993	1,472	1,779	1,709*
ELISA Tests	549,810	673,299	697,264	784,978	599,393*
Cultures + PCR	97,057	101,786	105,685	125,336	120,170*
Pooled Samples				3,093	1,872*
Environmental Samples				1,700	221*

*Includes October 1, 2006 through June 30, 2007
Reported as of October 10, 2007

Test Negative Herds by Herd Type



USAHA Annual Measures:

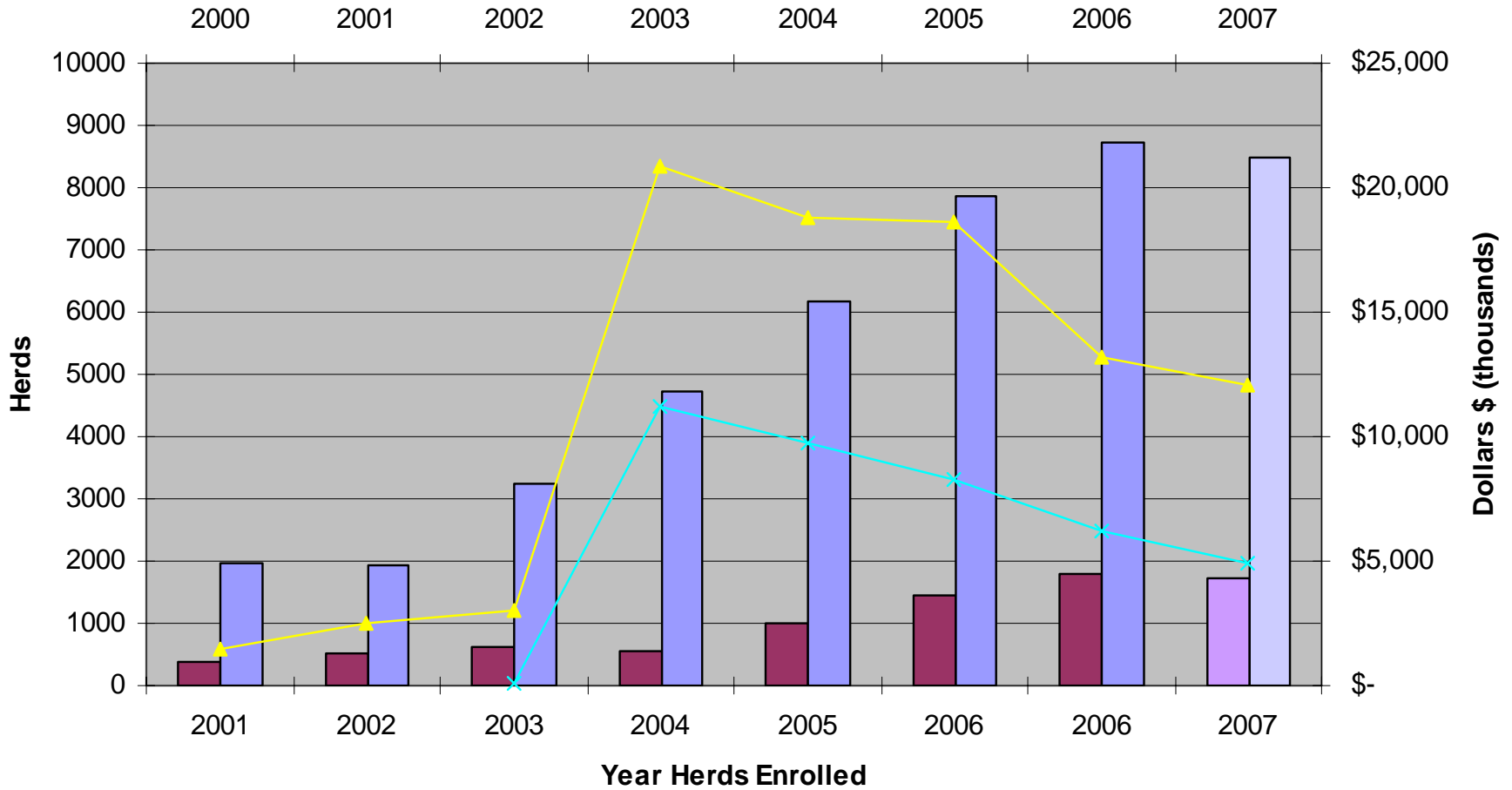
As set in 2004 National Johne's Strategic plan

Performance Indicator	FY '05 Actual	FY '06 Actual	FY '07 Target	FY '07 Actual	FY '08 Target	FY '09 Target	FY '10 Target
Total number of enrolled cattle herds in the VBJDCP with a TN classification	1472	1779	3972	1709	4965	5958	6951
Number of enrolled <u>dairy</u> cattle herds in the VBJDCP with a TN classification	906	1054	2640 (Add FY04 #)	1009	3300 (Add FY04 #)	3960 (Add FY04 #)	4620 (Add FY04 #)
Number of enrolled <u>beef</u> cattle herds (seed Stock Producers) in the VBJDCP with a TN classification	566	725	1332 (Add FY04 #)	700	1665 (Add FY04 #)	1998 (Add FY04 #)	2331 (Add FY04 #)
AN – Total number of herds enrolled in the VBJDCP	7876	8736	10455*	8483	13755*	17055*	20355*
AN – Number of dairy herds enrolled in the VBJDCP	6250	6642	8555* (5% increase [3100])	6472	11655* (5% increase [3100])	14755* (5% increase [3100])	17855* (5% increase [3100])
AN – Number of beef herds enrolled in the VBJDCP	1626	2102	1900 (+ 200)	2011	2100 (+200)	2300 (+ 200)	2500 (+ 200)

*2006 estimate dropped to 61,990 licensed dairies which will decrease percentage targets

Enrolled Herds versus Federal Dollars Invested

FY of Cooperative Agreement Dollars



TN Herds
 Enrolled Herds
 Federal Dollars
 Cooperative Agreement \$

Funded projects-FY 2006

- **National Education Initiative**
 - Report from Ken Olson
- **JDIP - Johne's disease white paper**
 - Direct and Indirect impact of Johne's disease if MAP was determined to have a causal role in Crohn's disease.
 - Does not attempt to discuss the debate
 - Focus on consumer perception.
 - The final draft has been written and the authors would like to publish it in the winter/spring of 2008.

Funded projects – FY 2007

- **National Education Initiative**
 - Report from Ken Olson
- **University of MN – Herd Testing Strategies to Achieve Classification Levels for the US VBJDCP**
 - Evaluate current Test Negative component of the VBJDCP
 - Explore alternate approaches to the Herd Classification Element
 - Report by Scott Wells

Funded projects – FY 2007

- **VS-JDIP Vaccine Initiative**
 - Set funds aside targeting validation of vaccines develop by investigators
 - 3 year project
 - Update from Vivek Kapur
- **American Academy of Microbiology Colloquium on “*Mycobacterium avium paratuberculosis*: Incidental Human Pathogen or Public Health Threat”**
 - Held June 25-17, 2007
 - 21 scientist, 5 sponsor representatives
 - Final report is expected in 2008

Budget Outlook - Update

- FY 2006 – APHIS received ~ \$13,057,000
- FY 2007 – CR for the year ~\$12,080,000
- FY 2008 – Presidential Budget - ~\$3,200,000
 - House Budget - ~\$7,700,000
 - Senate Budget - \$13,140,000
- USDA's plan under Presidential budget – voluntary program
 - focus on maintaining NVSL, CVB infrastructure
 - Maintain/Update Program Standards update
 - Some funds for analysis on National Demonstration Herd Project data



Safeguarding Animal Health

USDA - APHIS - Veterinary Services' Regions



Map Created by:
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USDA APHIS VS ERO
September 5, 2003

