

Effective data collection for efficient and accurate traceability

A provincial case study

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What is ?

- BIO is a producer owned, non-profit organization, whose mandate is to develop and market products and services that:
 - Improve the quality of cattle
 - Improve safety of beef produced
 - Increase profitability of our clients

Key factors in data collection

- Partnerships and collaborations
 - Assignment of specific roles and responsibilities
 - Shared costs
 - Idea development
- Data capture
 - Efficiency
 - Ease of data collection – reduction in time
 - Cost reduction
 - Accuracy
 - Electronic data capture

Key factors in data collection cont'd

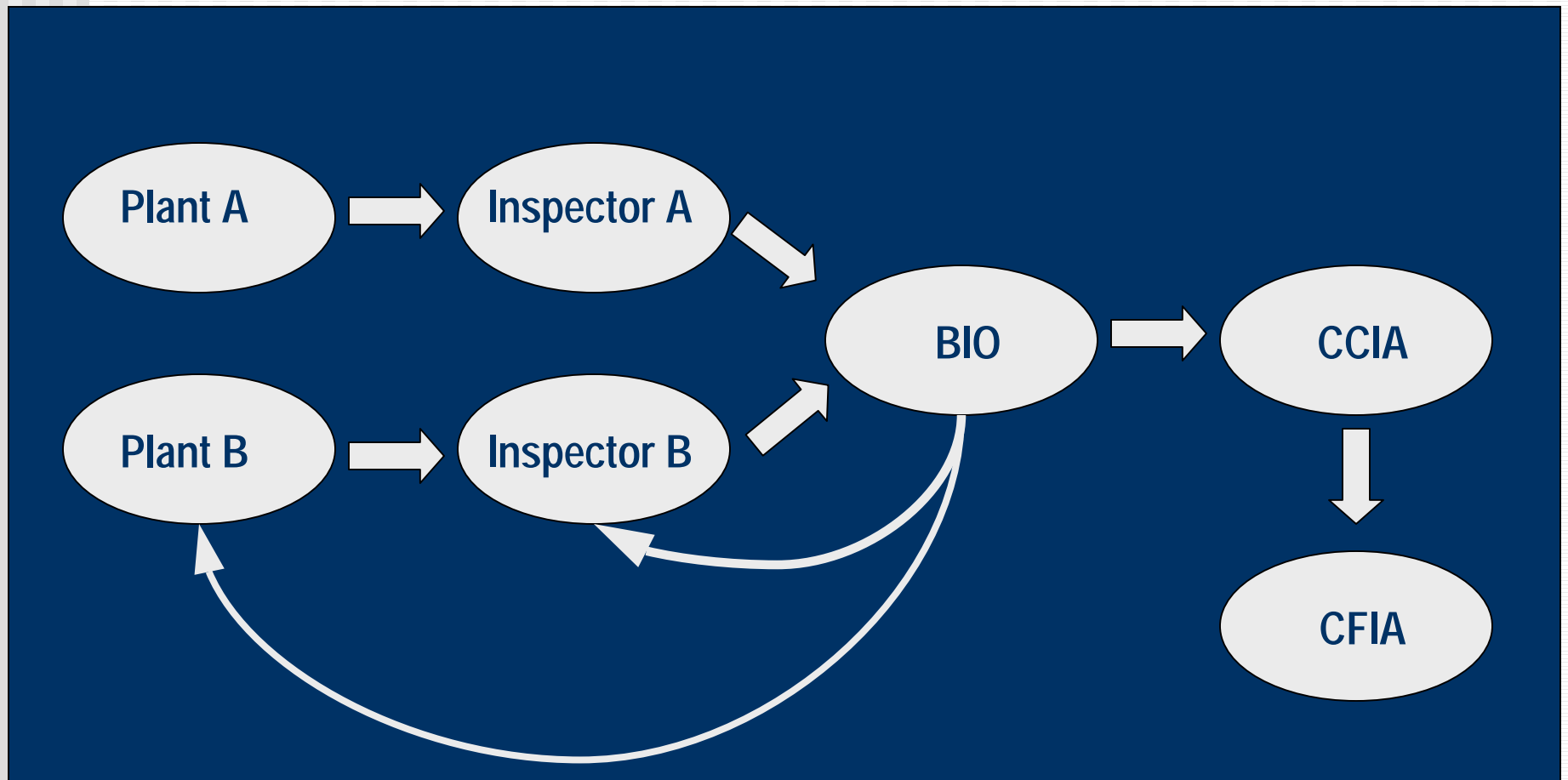
- Communication
 - Provide partners with information on the program as it develops
 - Reinforce the programs message to the industry at large
 - Provide feed-back to CCIA on the program roll-out in Ontario

Background

- 208 provincial packing plants
 - Low in-house technology
 - Number of animals slaughtered ranges from 10-400 animals per week
- Pilot Project
 - Investigate means to collect tag data from the provincial packing plants
 - 10 plants involved (various sizes, and levels of technology)
 - Identified: Provincial meat inspectors to collect tags
- Roll out of program January 2003

Tag Retirement

How does this service work?



Partnerships and Collaborations

Service delivered by:

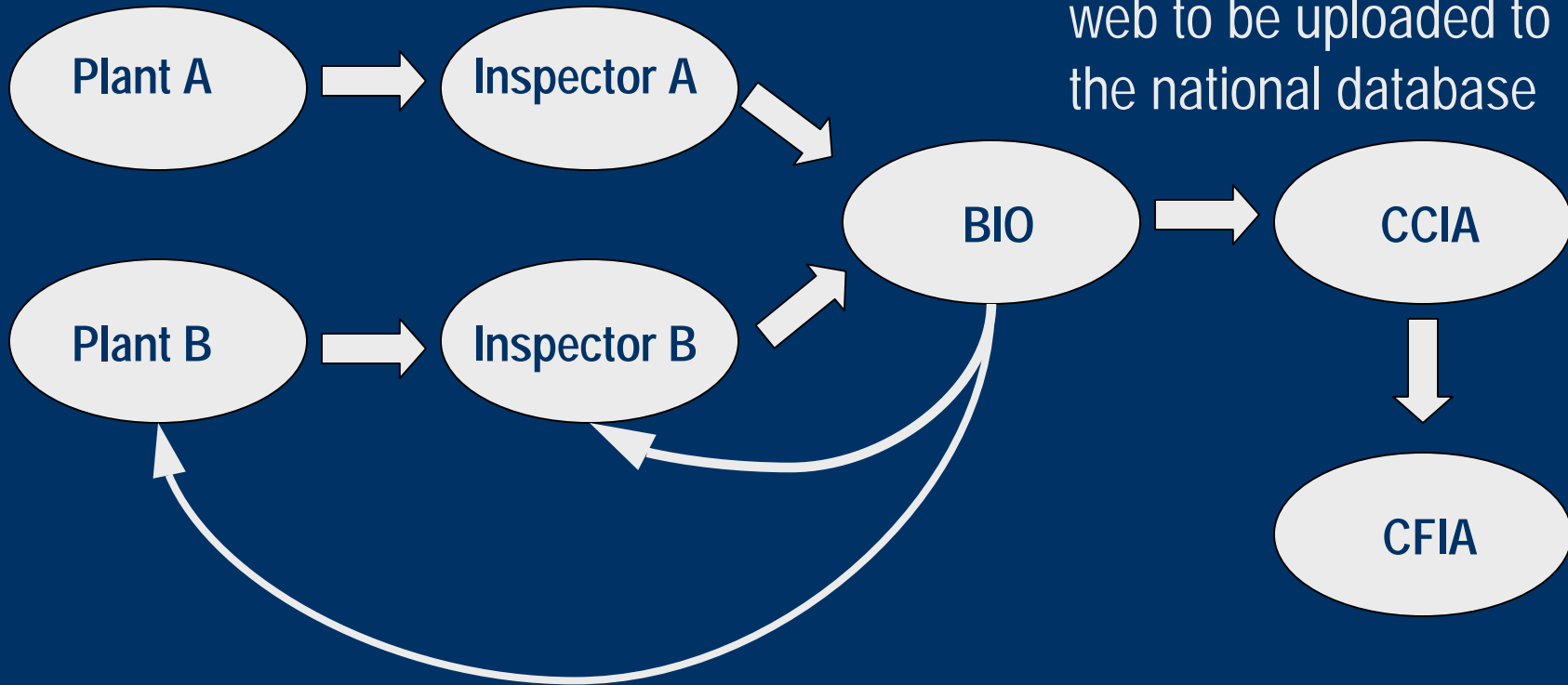
- BIO and OMAF (Meat Inspection Branch)

Supported by:

- CFIA and CCIA – Federal
- OCA, OIMP and Plant Operators - Provincial

Data Capture

- Deliver a formatted electronic file via the web to be uploaded to the national database



- Complete database of all provincial and federally inspected plants.

- Electronic files of tag #'s captured for each kill date and plant

Data capture cont'd

- Inspector Tag Retirement Program
 - Developed at BIO
 - Increase efficiency, accuracy and ease of data collection process
 - User-friendly
 - Working closely with OMAF (Meat Inspection Branch, and the Science and Advisory Unit) for implementation and training
 - Initially started using an Excel spreadsheet for data capture
 - Phase II

Data Entry Options

- Start New Tag Form
- Finish Current Tag Form
- Delete Tag Form

Common Task

- Print Current Tag Form

Unfinished Forms

- RF-010... 8/25/2003
- TRF-010003 8/27/2003
- TRF-010004 9/18/2003
- TRF-010005 10/27/2003
- TRF-010006 10/27/2003
- TRF-010007 10/28/2003
- TRF-010008 10/28/2003

NEW TAG RETIREMENT FORM

TRF-010008

Plant #:

Inspector:

Kill Date:

Total scanned Tags:

Tags in kill sequence

| # | Tag Number | Lot |
|----|--------------|-----|
| 1 | 124299999901 | |
| 2 | 299999902 | |
| 3 | 299999903 | |
| 4 | 299999904 | |
| 5 | 299999905 | |
| 6 | 299999906 | |
| 7 | 299999907 | |
| 8 | 299999908 | |
| 9 | 012429999909 | |
| 10 | 100758469 | |

Append a new Tag

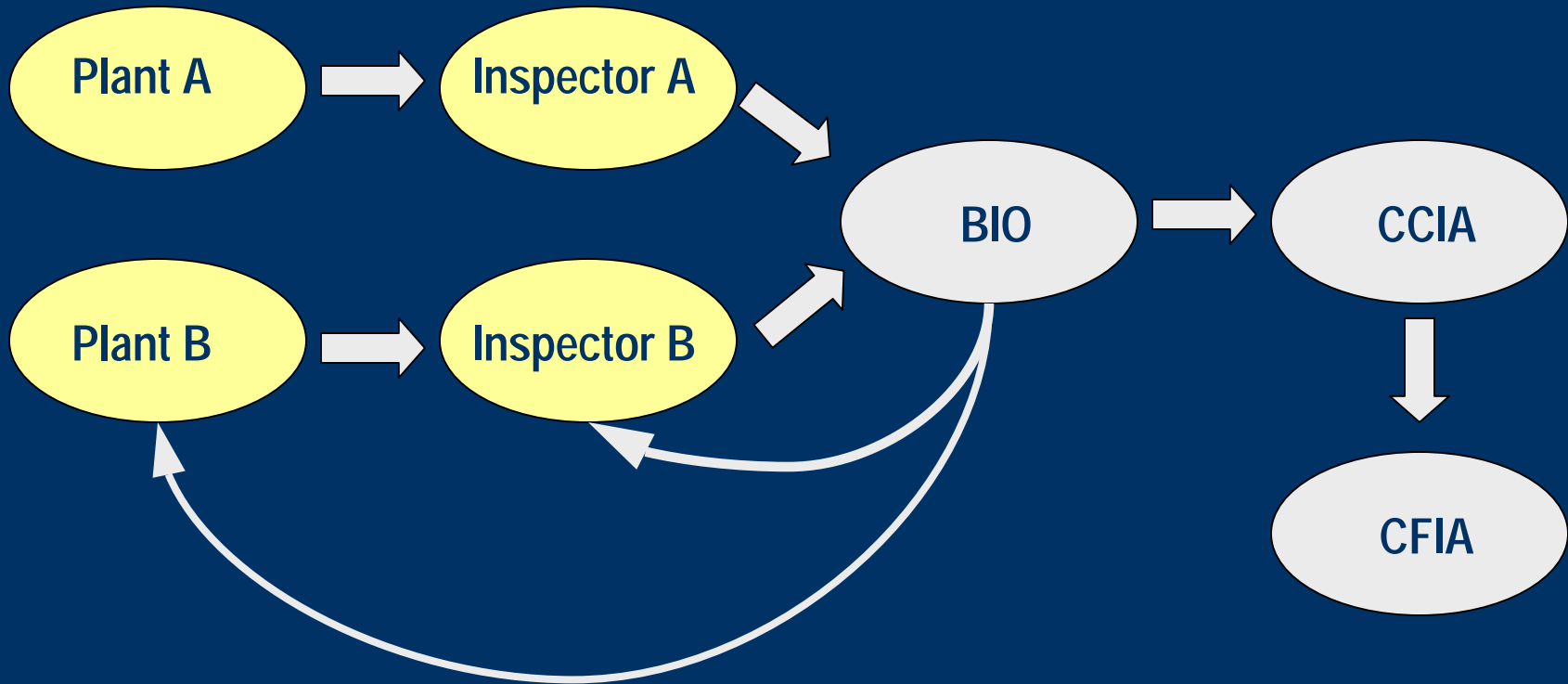
Include text below as Lot Comment

-
-
-

What happens at BIO?

- The files are received electronically at BIO
- Files are:
 - Edited
 - Formatted
 - Submitted to CCIA daily
- Goal = 6 hour turn-around
- Further automation of the processing at BIO in progress

Communication and feedback

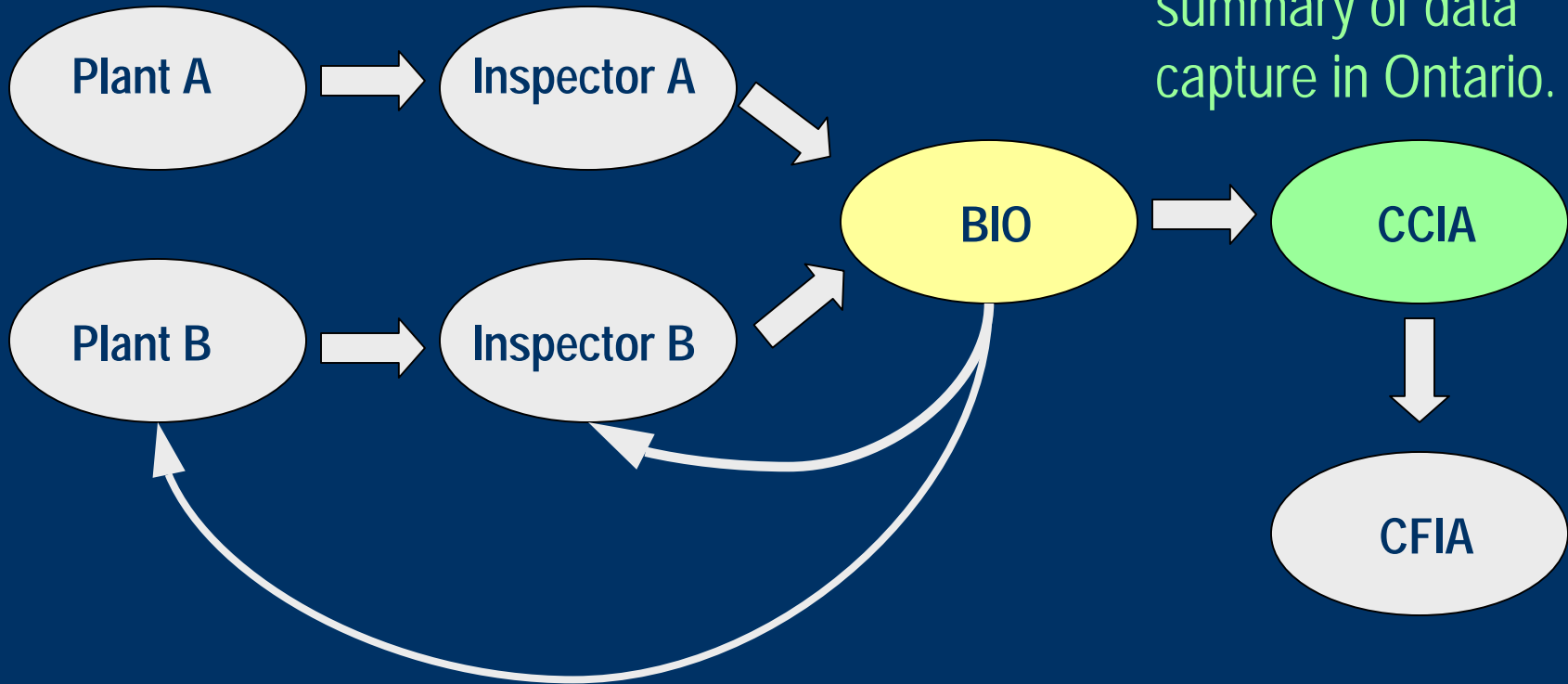


- Update plant operators and meat inspectors on program as it develops.

- Reinforce CCIA's message

- Contact all plants in Ontario
- Monthly reports

Communication, cont'd



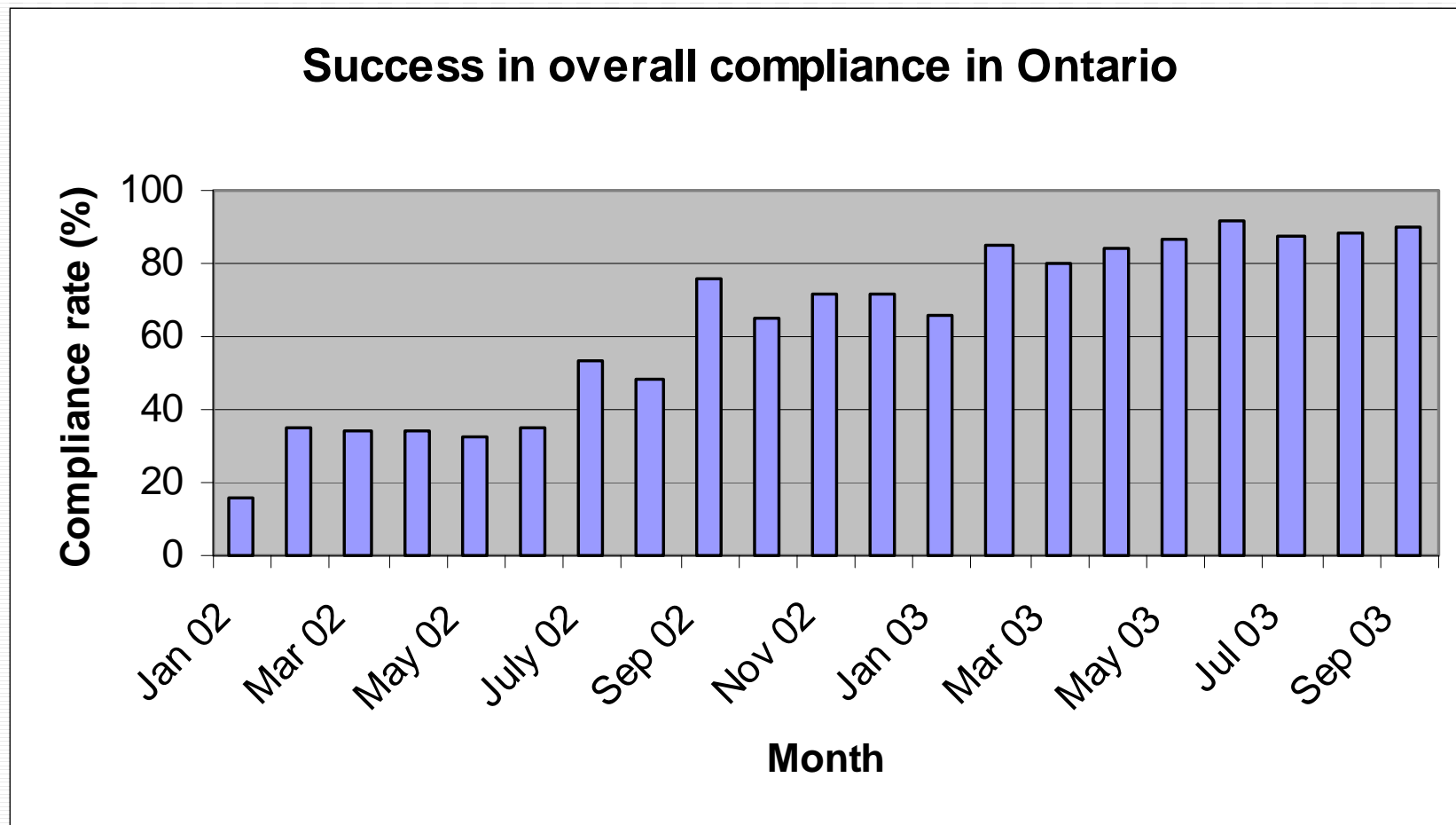
•Regular update and summary of data capture in Ontario.

•Correct any errors in transfer to CCIA

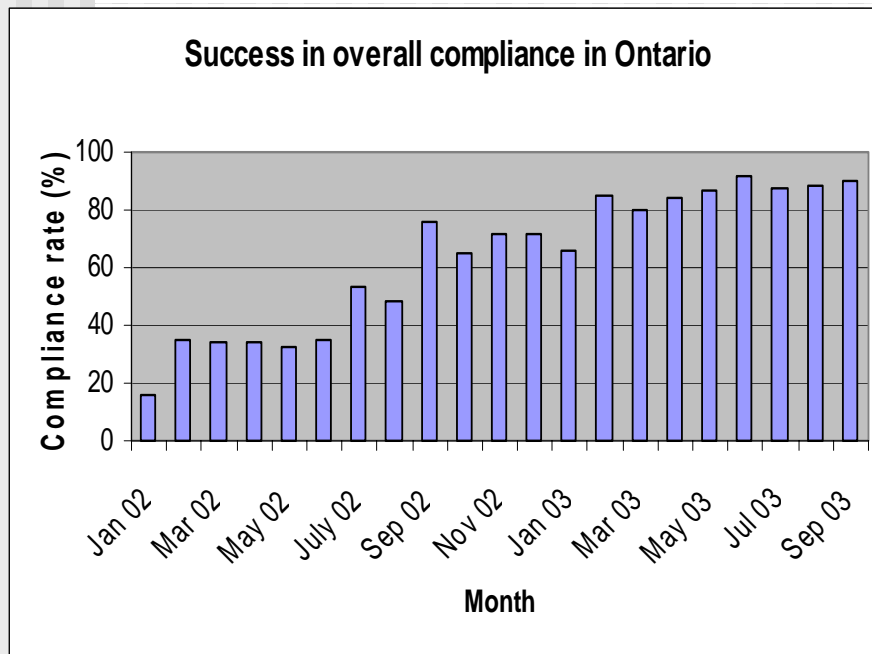
•BIO Newsletter – “BIO Leader”

•News Releases

Summary of data collected



Summary of data cont'd



- ~ 18,000 tags monthly
- Ontario's compliance in the last 3 months ~ 90%
- Mandatory in July 2002
- 3 federally inspected plants on-board with the programs success

Provincial case study

- Ontario assists with the delivery of the National Cattle Identification Program as developed by CCIA in Ontario
 - Provincial collaborators
 - Efficient, electronic data capture
 - Effective communication plan
 - Fits within the mandate of the National program

Acknowledgements

- Collaborating partners both provincial and federal
- Ontario Ministry of Agriculture and Food for funding through the Healthy Futures initiative