

GLH, Incorporated

Third Party Database Update

Dennis Tidwell & Kris Enzor

NCIMS Presentation

Amway Grand Plaza, Grand Rapids MI

May 14, 2017

Our FDA Partner

CDR MeiYing Li

FDA Project Officer

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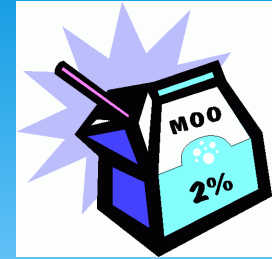
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Brief History



- * 1991 Meeting of NCIMS
 - * Appendix N (26th Anniversary)
 - * Revisions to Procedures Document
 - * New Definitions Added to PMO
 - * Third Party Database

Brief History (Cont.)



- * Committee Designed
- * Oklahoma & New York Tested Design
- * All States Reported in 1995

FY 2015 Summary Sample Results

**TABLE 1 -- Sample Results
October 1, 2014 to September 30, 2015**

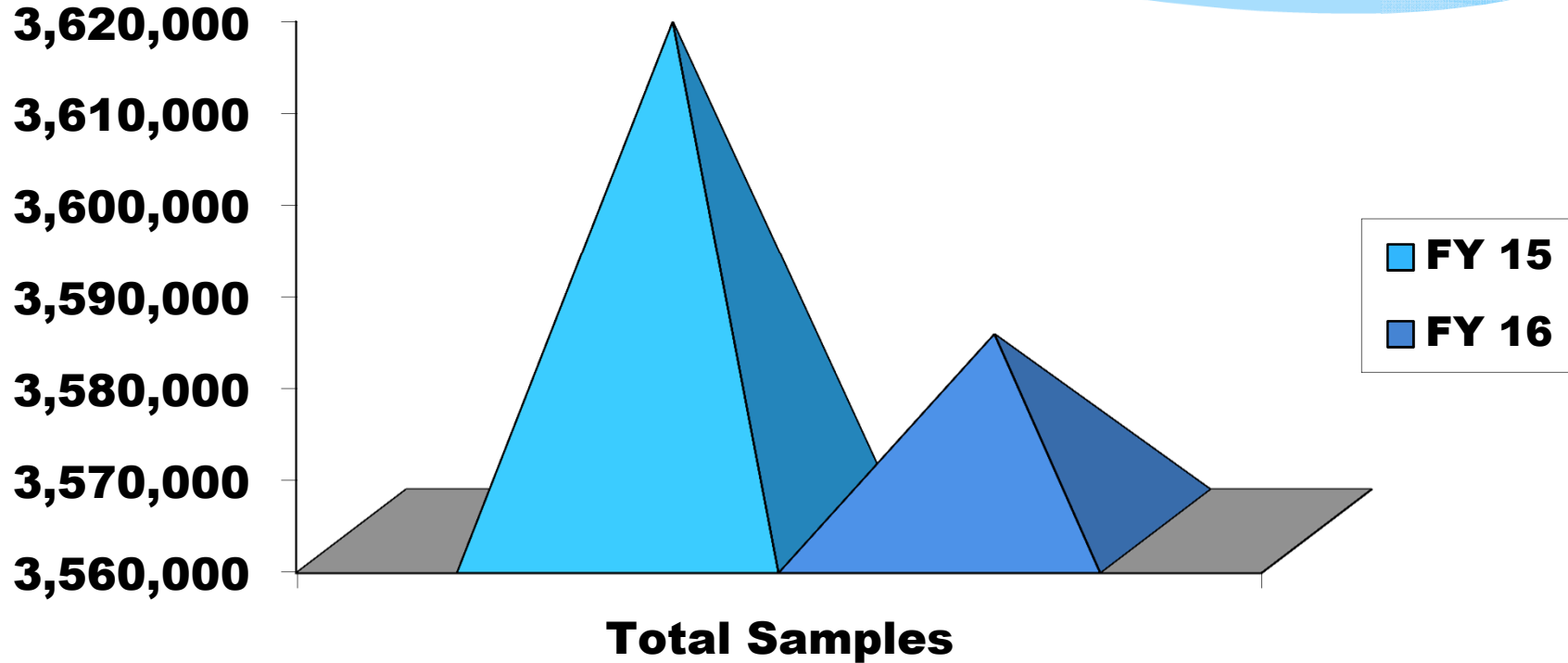
Source of Sample	Total Samples	Number Positive	Percent Positive	Disposition per PMO (Pounds)
Bulk Milk Pick-Up Tanker	3,072,702	371	0.012%	15,889,000
Pasteurized Fluid Milk and Milk Products	32,527	0	0.000%	0
Producer	459,562	199	0.043%	676,000
Other	50,669	9	0.018%	274,000
TOTALS	3,615,460	579	*	16,839,000

FY 2016 Summary Sample Results

**TABLE 1 -- Sample Results
October 1, 2015 to September 30, 2016**

Source of Sample	Total Samples	Number Positive	Percent Positive	Disposition per PMO (Pounds)
Bulk Milk Pickup Tanker	3,085,627	350	0.011%	14,413,000
Pasteurized Fluid Milk and Milk Products	38,329	0	0.000%	0
Producer	407,592	261	0.064%	690,000
Other	49,848	7	0.014%	225,000
TOTALS	3,581,396	618	*	15,328,000

FY 15 vs. FY 16 Samples



FY 2015 Summary Test Results

**TABLE 3 -- Tests Conducted
October 1, 2014 to September 30, 2015**

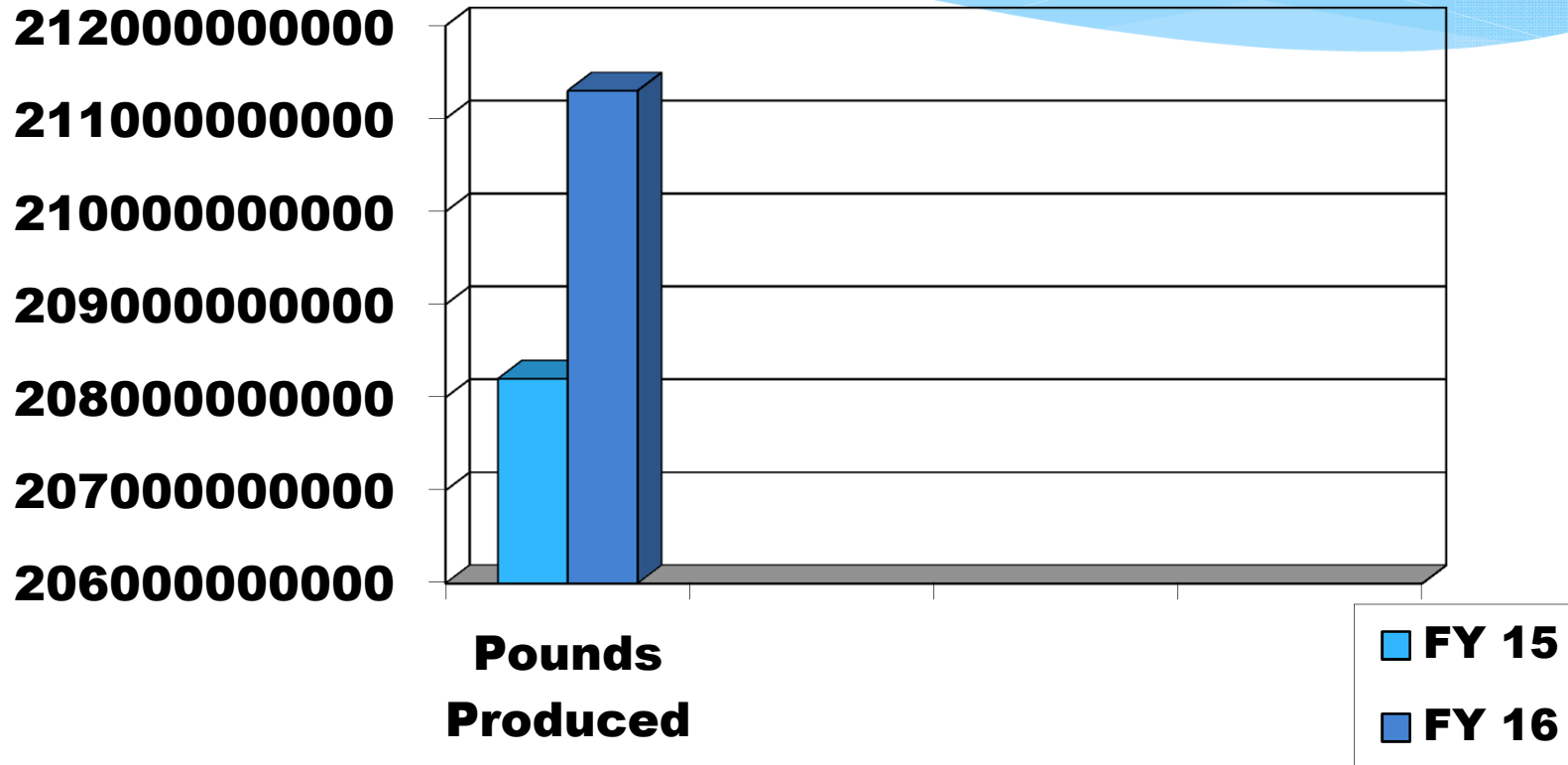
Source of Sample	Total Test	Number of Test Positive	Percent Positive
Bulk Milk Pick-Up Tanker	3,180,659	371	0.012%
Pasteurized Fluid Milk and Milk Products	32,709	0	0.000%
Producer	467,095	205	0.044%
Other	50,720	10	0.020%
TOTALS	3,731,183	586	*

FY 2016 Summary Test Results

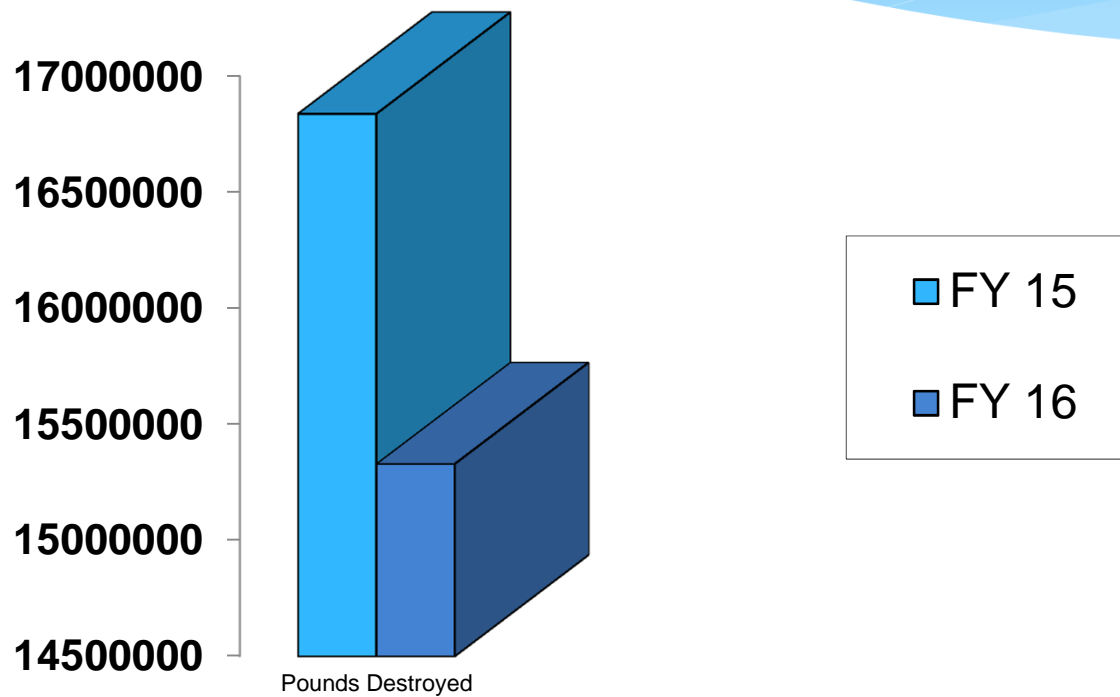
**TABLE 3 -- Tests Conducted
October 1, 2015 to September 30, 2016**

Source of Sample	Total Tests	Number of Positive Tests	Percent Positive
Bulk Milk Pickup Tanker	3,164,363	351	0.011%
Pasteurized Fluid Milk and Milk Products	38,563	0	0.000%
Producer	407,731	261	0.064%
Other	50,406	7	0.014%
TOTALS	3,661,063	619	*

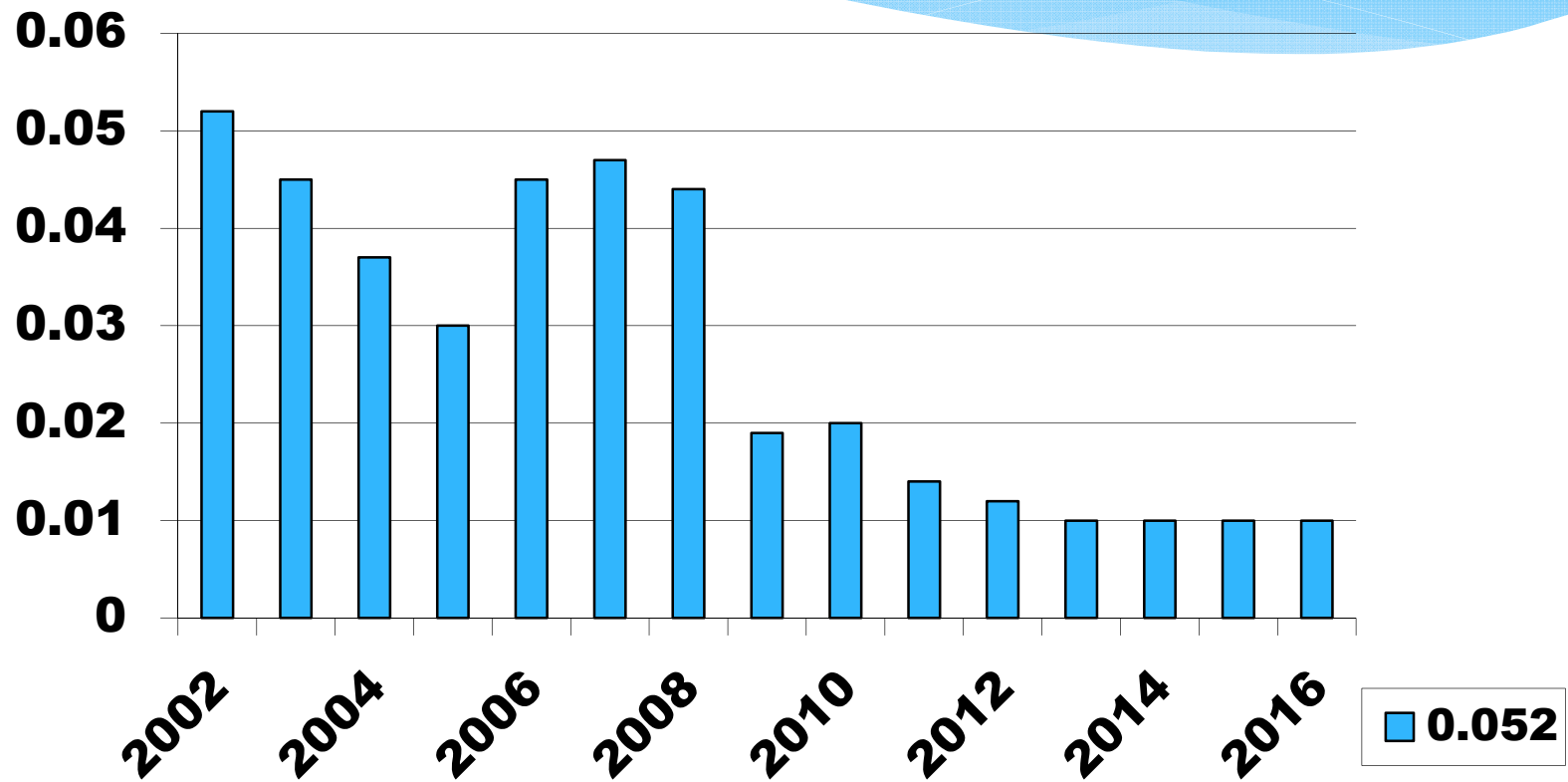
FY 15 vs. FY 16 Milk Production



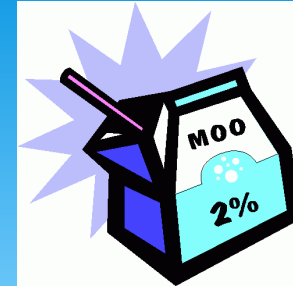
FY 15 vs. FY 16 Pounds Destroyed



Percent of Total Production Destroyed FY 2002-2016



Software History



- * **1993 DOS version mailed on 3.5” Disks**
- * **1994 Programming of Annual Report, set up Bulletin Board to modem data in, created Central and Regional Versions**
- * **1995 Version 2 that combined Drug and Method**
- * **1998 Welcomed Cynthia to the NMDRD team**
- * **1999 Changes for Year 2000**
- * **2000 Windows version, website for support**

Software History (Cont.)

- * **2001 West Wing episode mentions antibiotic drug testing for milk**
- * **2003 Welcomed Dennis to the NMDRD team**
- * **2005 All past reports 1994-2006, in pdf format, added to website**
- * **2006 Web based application online**
- * **2007 All past reports 1994-2006, in pdf, Excel and ODS formats**

Software History (Cont.)

- * **Database has ceased support of all previous reporting versions**
- * **March 2015-NPR mentions milk drug residue sampling survey after FDA/CVM issues report**
- * **FY 2016 Annual Report-50 of 51 data reporters used web-based application**
- * **FY 2017 All data reporters (states, territories, third party certifiers) are registered to use web-based application**

Web-Based Software Design & Development

- * **GLH's software designers, Kris Enzor and Ed Oliver, began revision in 2004.**
- * **1st & 2nd versions reviewed by Cynthia Petersen, Al Place and Dennis Tidwell.**
- * **Revised throughout 2005-06.**
- * **Three state regulatory agencies chosen to test software in June-July 2006.**
- * **Final version made available 9/2006**

System Requirements

- * A web browser with java script and cookies enabled
- * A pdf viewer (available for free at [Adobe.com](https://www.adobe.com))
- * Access to <https://www.kandc-sbcc.com/nmdrdapp/>
- * Confirmation from Cynthia Petersen (cynthiap13@comcast.net), our database administrator, that your organization has been granted access to the system

Advantages of the Web Version

- * **It is browser based**
- * **We no longer have to worry about versions of your operating system**
- * **There is virtually nothing to install or maintain on your computer**
- * **You can use it from any computer if you have Internet access and a valid login ID**

Advantages of the Web Version (Cont.)

- * **The user chooses an option to submit data rather than going through file saving, emailing or faxing!**
- * **It is multi user! An organization can have users with different roles or different users at different locations all entering data or viewing data**

Advantages of the Web Version (Cont.)

- * **The data are secure in several ways:**
 - * **Backups from the web database to a local machine twice a day**
 - * **SSL (Secure Sockets Layer) protocol to provide encryption between the client and server**

Advantages of the Web Version (Cont.)

- * **Multiple software versions no longer have to be supported**
- * **Revisions to software or drug code lists are made on our server and all data reporters have the change(s) immediately**
- * **The most recent drug code list revision was made in March of 2017 in preparation for the pilot project for testing for tetracyclines**

Web-Based Application Participation

- * FY 17 report has 53 registered reporting entities.
- * Most frequent comment, “New reporting system is easier and faster to use.”
- * Try the “demo” https://www.kandc-sbcc.com/nmdrd_demo/
- * Register with Cynthia Petersen (cynthiap13@comcast.net) for login ID and password

Updates/Improvements

- * **Revised Drug Code List in March 2017**
- * **Another Revised Drug Code List could result from actions taken at this Conference.**

We Want Your Suggestions

How can we improve the web-based application?

How can we help with any step of the process?

Contact Information

- * **Dennis Tidwell, Technical Director**
- * **Phone 609-890-0375**
- * **E-mail: dwtidwell@aol.com**

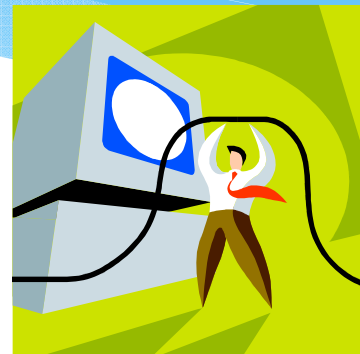
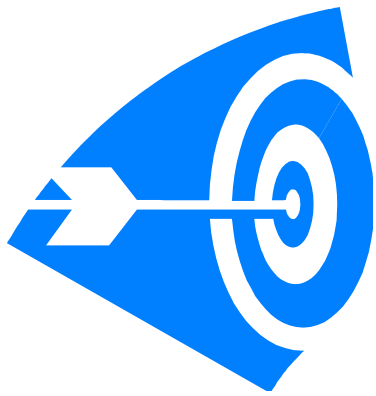
- * **Cynthia Petersen, Database Administrator**
- * **Phone 518-727-5200**
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- * **Kris Enzor and Ed Oliver, Software Support**
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- * **ed.oliver@kandc-sbcc.com**

Contact Information (cont.)

- * **CDR MeiYing Li, FDA Project Officer**
- * **Phone: 301-796-5903**
- * **E-mail: MeiYing.Li@fda.hhs.gov**

Thank You!



GLH, Incorporated

<https://www.kandc-sbcc.com/nmdrd>

National Milk Drug Residue Database



▶ Final Reports

Complete reports are available in the Adobe Portable Document Format as PDF files.
The tables contained in the reports are available in Microsoft Excel Spreadsheet XLS files or Open Document Format Spreadsheet ODS files. Spreadsheet files prior to 2011 do not include footnotes. Please refer to the complete report.

After receiving additional and revised data from two regulatory data reporters as well as authorization from FDA, an updated FY 2013 Annual Report has been prepared and posted here. The FY 2013 Annual Report dated May 2, 2014, is an enhanced version of the original report.

2016

Select year and click on button of file type to open or download.

▶ Web Based Data Reporting

Over the years GLH has provided several data collection/submission applications. As of March 2015 all previously supplied data collection tools are obsolete and should not be used. All data providers should use the web application unless other arrangements are made with the Data Base Administrator.

- Demo application [instructions](#).
- Web based data reporting [instructions](#).

▶ 2017 NCIMS Conference

The 36th National Conference on Interstate Milk Shipments will be held May 12- 17, 2017 in Grand Rapids, Michigan. [NCIMS web site](#).

▶ FAQ

- [Technical Bulletin on Microbial Inhibitor Tests](#) provided by the Lab branch of the FDA, January 28, 2014. Published by DSM Food Specialities B.V., manufacturer of Delvotest SP, referenced in the FY 2013 Annual Report. Please contact DSM for the latest version of this document or further information, see the last page of the document for contact information.
- [Printable Drug Code List Updated: 03-2017](#)
- [Revised instructions for reporting to GLH](#),
- [About the National Milk Drug Residue Database](#).

▶ 2015 NCIMS Hall of Fame

At the 35th National Conference on Interstate Milk Shipments our own Al Place was presented the Hall of Fame Award. See the news from the NY State Agriculture Commissioner [here](#).