



A Program of ASTM International

Test Monitoring Center

<http://astmtmc.cmu.edu>

ASTM Reference Testing Semi-Annual Report CBT

April 2020

CBT Test Activity*

Test Status	Validity Code	Number of Tests
Acceptable Calibration Test	AC	1
Failed Shakedown Run	MN	2
Total		3

*October 1, 2019 – March 31, 2020

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CBT Failed Tests

Failed Parameter	Number of Tests
No failed tests this period	

CBT Lost Tests*

Status	Cause	#
	No lost tests this period.	

*Invalid and aborted calibration tests

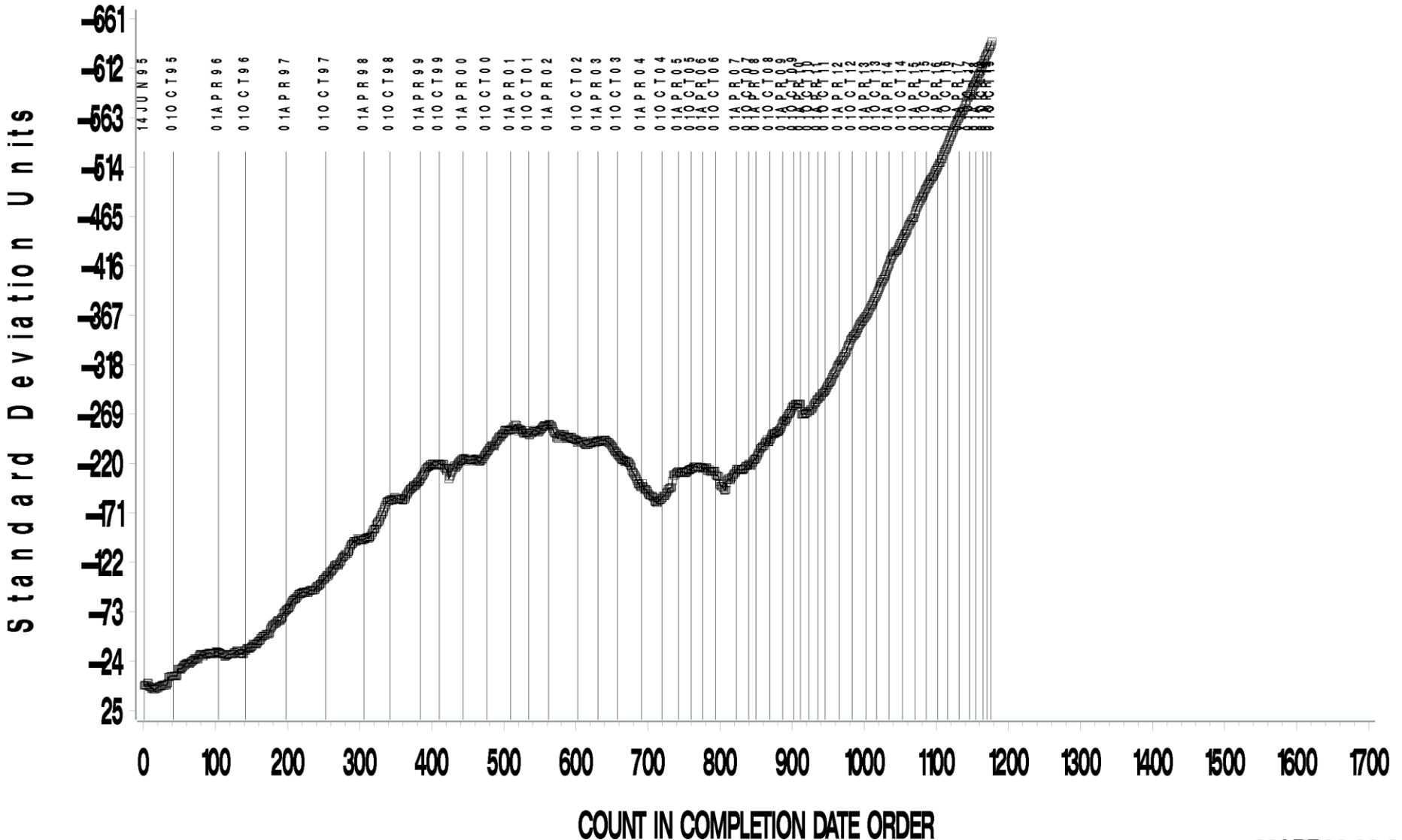
CBT Test Severity

- ▶ Copper concentration trending mild
- ▶ Lead concentration trending mild

LEAD CHANGE (ppm)

CUSUM Severity Analysis

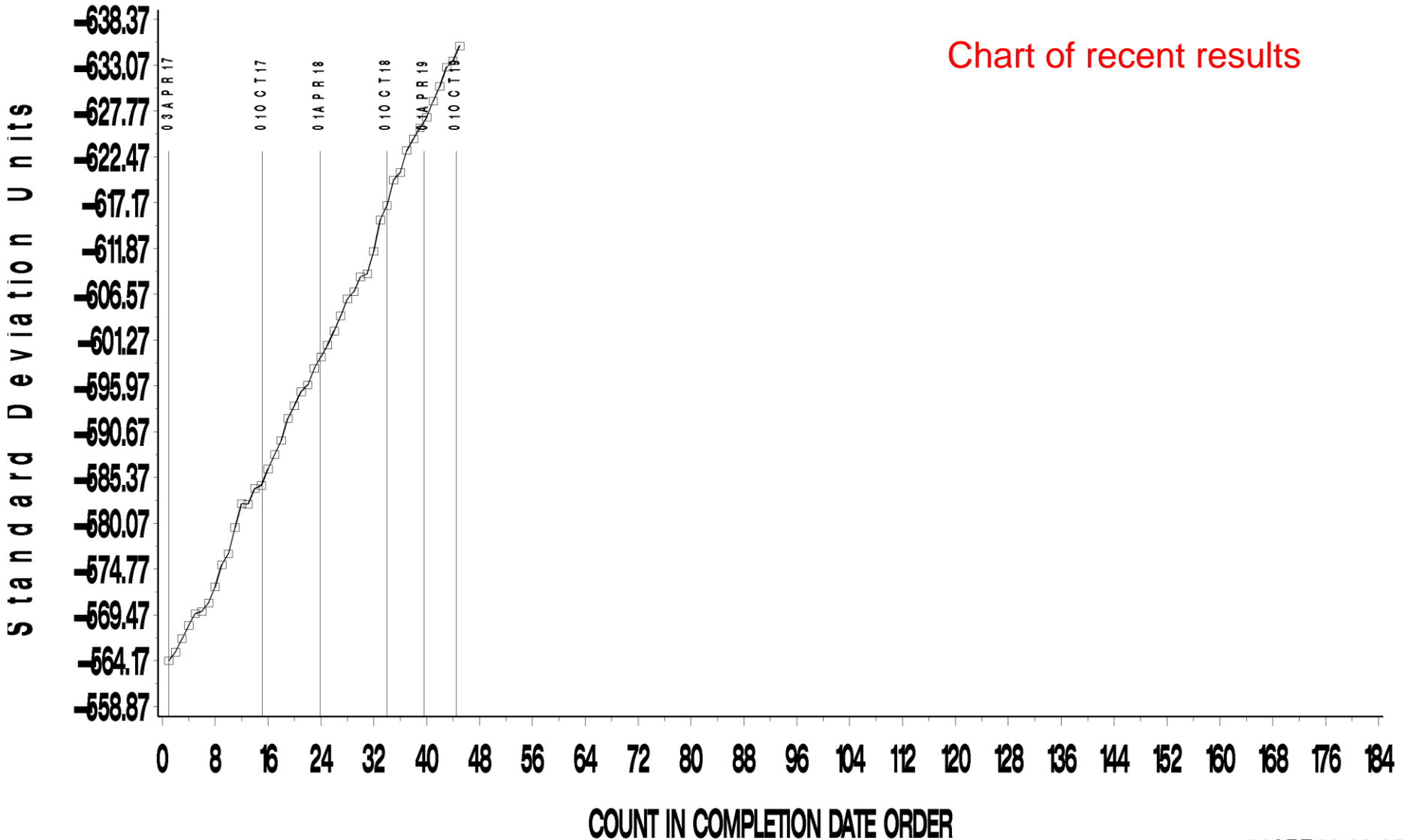
Historical Chart



LEAD CHANGE (ppm)

CUSUM Severity Analysis

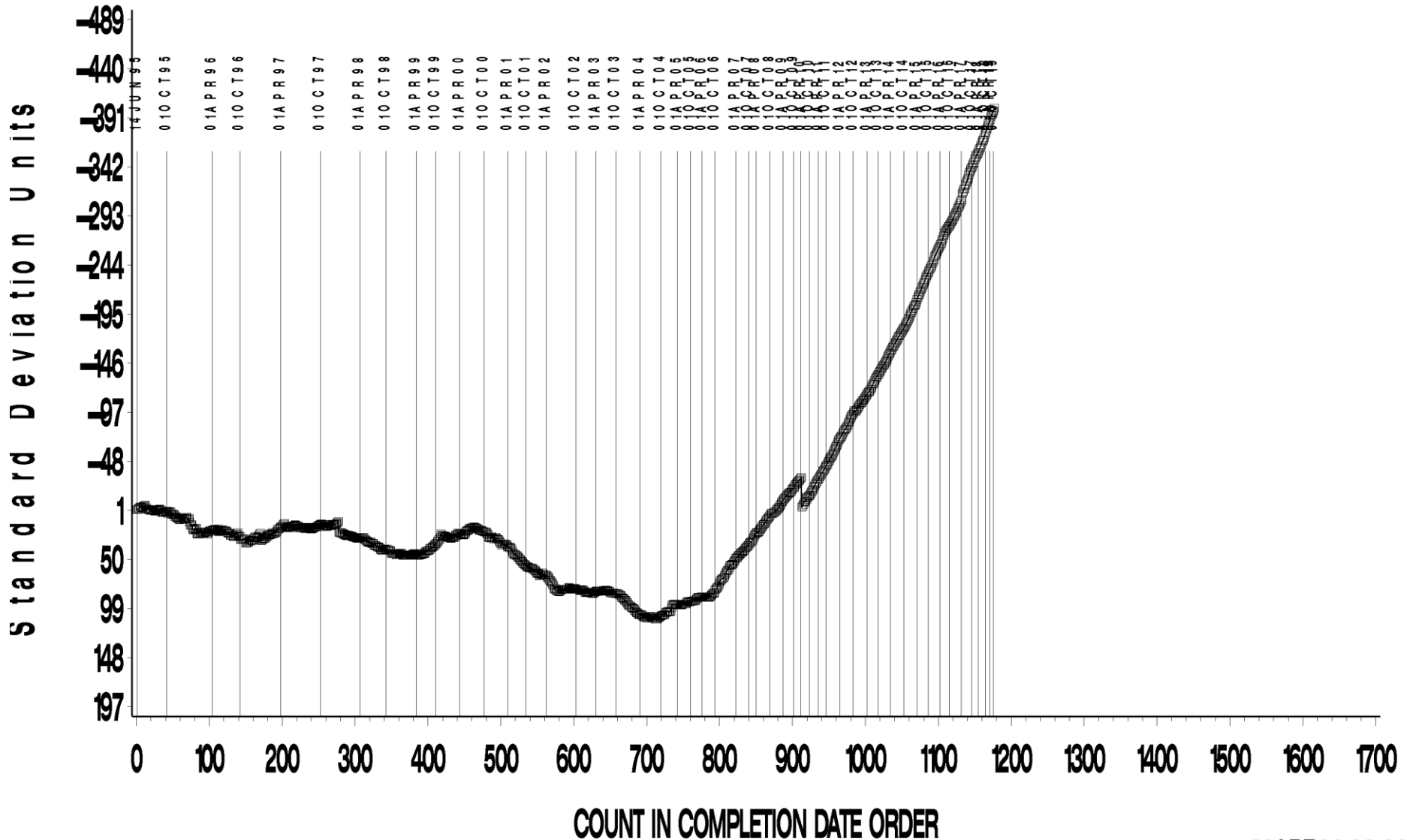
Chart of recent results



COPPER CHANGE (ppm)

CUSUM Severity Analysis

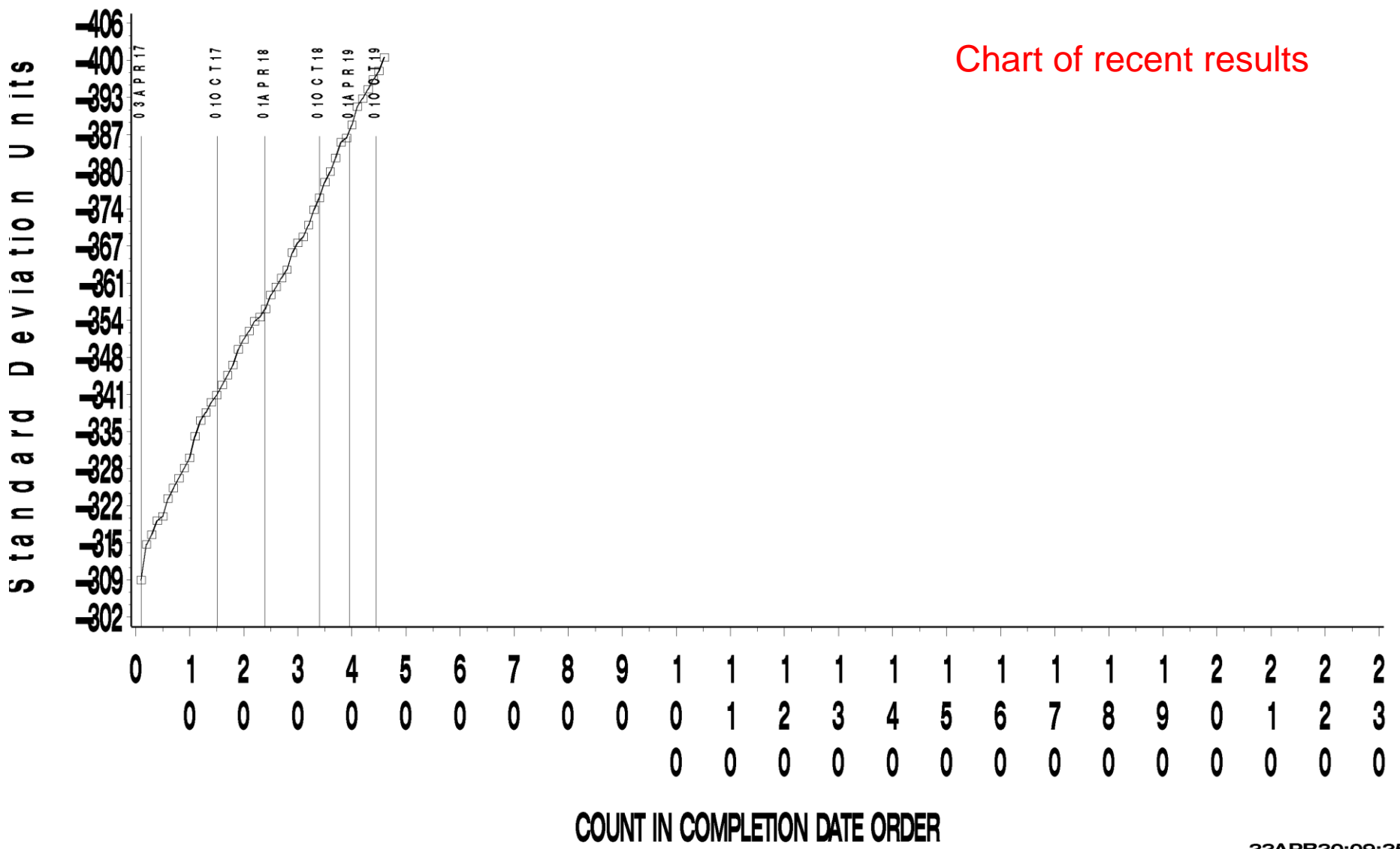
Historical Chart



COPPER CHANGE (ppm)

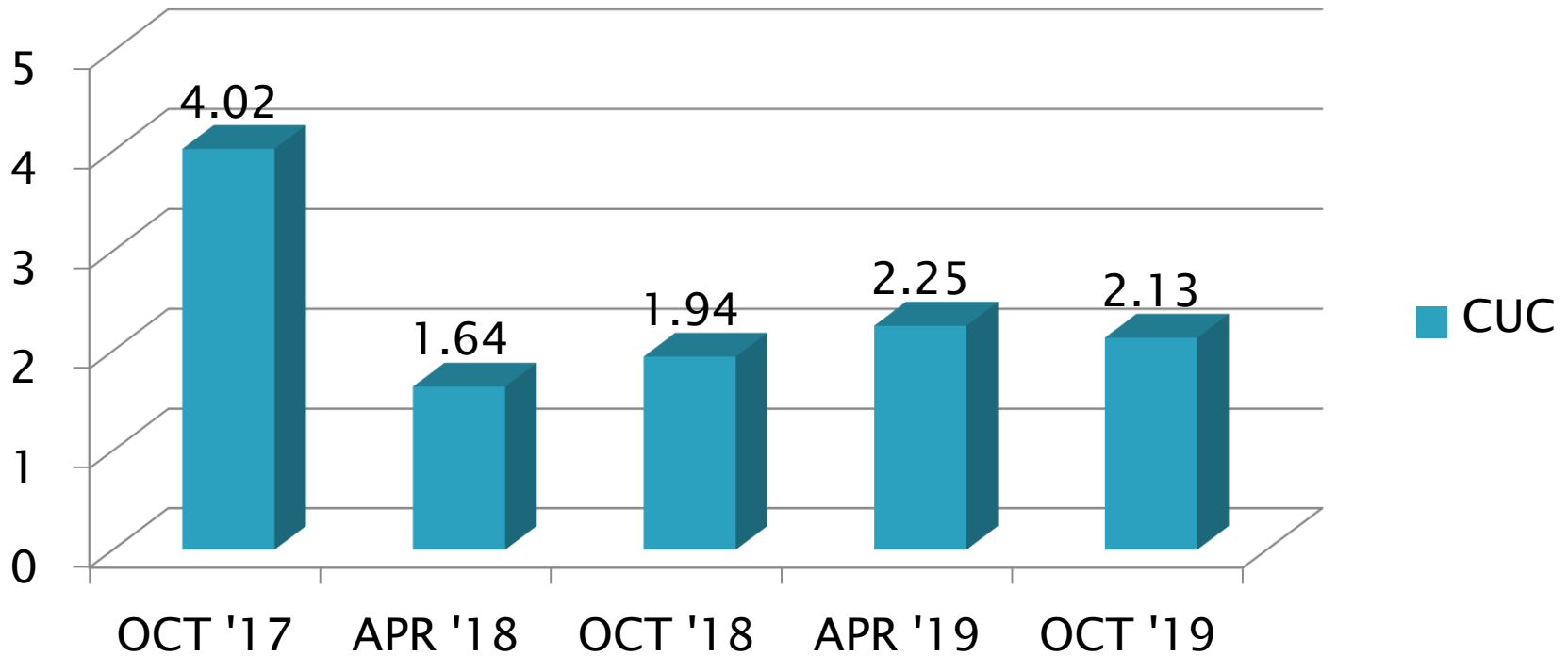
CUSUM Severity Analysis

Chart of recent results



CBT Precision Estimates

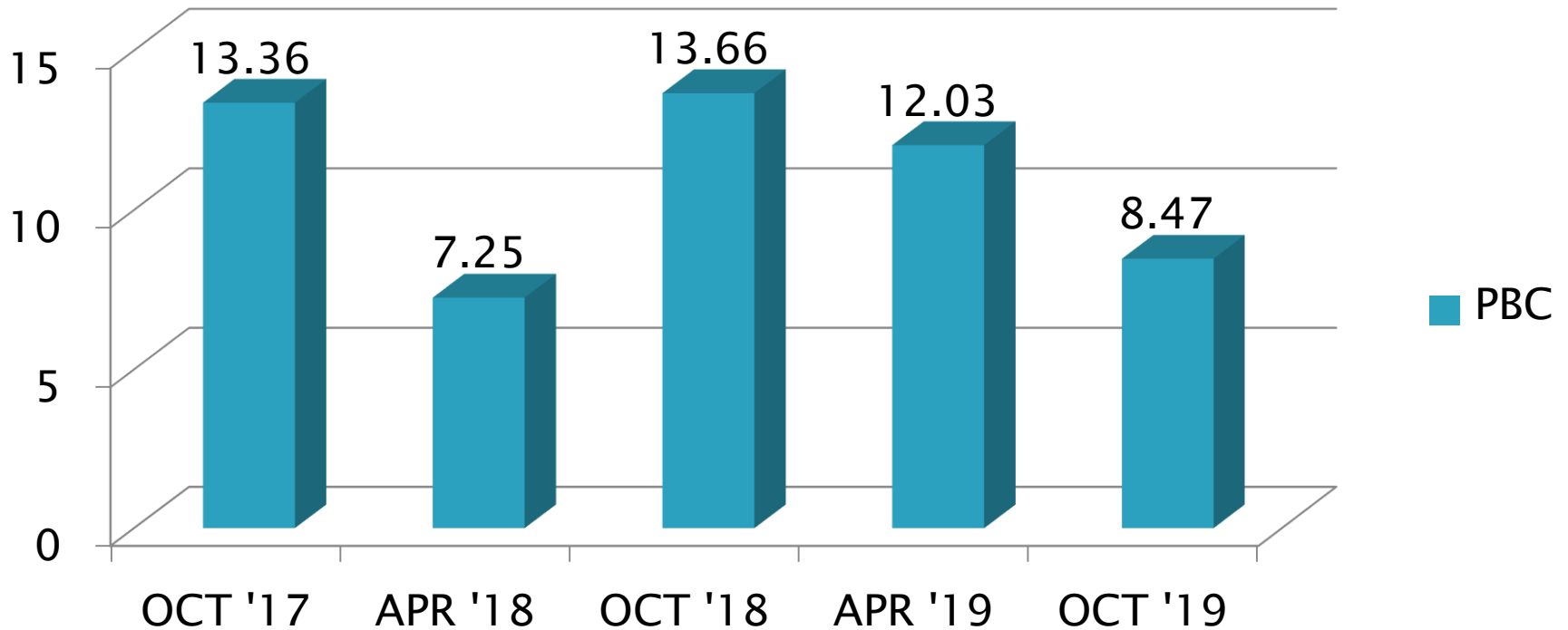
CUC



*No precision estimate is available this period due to low test activity.

CBT Precision Estimates

PBC



*No precision estimate is available this period due to low test activity.

Information Letters*

Test	Date	IL	Topic
CBT	10/9/2019	19-1	Update Coupon Hanger for CBT Standardization of Test Result Calculation Precision and Reporting

*Available from TMC Website

Reference Oil Inventory Estimated Life

Oil	TMC Inventory (gallons)	Quantity Shipped in last 6 months (gallons)	Lab Inventory (samples)	Estimated Life
43	32.1	0	35	5+ years

Miscellaneous Information

- ▶ Available on TMC Website:
 - Oil Assignment Request and Test File Upload
 - Live Reference Test Data Bases
 - Surveillance Panel Meeting Minutes
- ▶ www.astmtmc.cmu.edu



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