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Weqas

GLOBAL PROVIDER OF QUALITY
IN DIAGNOSTIC MEDICINE



EXTERNAL
QUALITY
ASSESSMENT



INTERNAL
QUALITY
CONTROL



REFERENCE
MEASUREMENT
SERVICES



EDUCATION &
TRAINING

Weqas Connect POCT EQA Report Interpretation

Nicola Blount & Samantha Jones

Presentation Summary

- Weqas Connect current migration status for POCT
- Current Report Repertoire
 - Standard Report (covered by Gareth Davies previously)
 - Simplified Report
 - POCT Co-ordinators Report
 - Poor Performance Report
 - Non Returns Report
 - Raw Data Report
 - Instrument Report

One portal for all programmes – Weqas Connect

The screenshot displays the Weqas Connect web portal. On the left is a navigation sidebar with a 'Weqas' header and a list of menu items including 'Logout', 'Home', 'PDF Report Prefs', 'Queued Jobs', 'Distributions', 'Users', 'Pools', 'Materials', 'Analytes', 'Regions', 'Reports', 'Methods', 'Manufacturers', 'Suppliers (C & R)', 'Instruments', 'Sections', 'Scheme Admin', 'Lab Orders', 'Prices', 'Site Text', 'Audit', 'Add Lab', 'Add Region', 'Mailer', 'Utilities', and 'Report Statuses'. Below the menu is a 'Find Lab' search box and a copyright notice '© Weqas 2001 - 2022'. The main content area features the 'Weqas Connect' logo, contact information (office@weqas.com | +44 (0) 2920 314750), and a navigation bar with links for 'Home', 'Instruments', 'Participants', 'Distributions', 'Reports', and 'Users'. A user profile 'Adam1@CCCC' is visible in the top right. The central banner shows a 'Participant Home' section with a background image of a person pipetting into test tubes. Below this are four main sections: 'Instruments' (with a sub-link 'Instruments'), 'Programme Registrations' (with a sub-link 'Registrations'), 'Submit results', and 'Download reports'. On the right side, a 'participant' login form is shown with fields for 'username' and 'password', and a 'log-in' button.

Simplified Reports

Reports are very interactive.

You can hover over various parts of any of the graphical displays within the reports to focus in on the element you wish to see.

[Sign in - Weqas Connect](#)

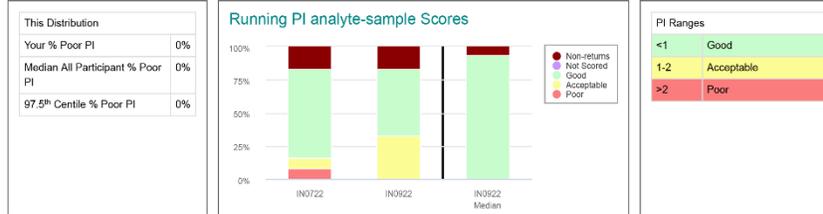
Participant Code: WQ00000

#####

Weqas

Unit 6, Parc Ty Glas
Llanishen
Cardiff
United Kingdom
CF14 5DU
Tel: 02920 314750
Email: office@weqas.com
Programme Organiser: Mrs Annette Thomas

Programme: POCT INR • Distribution Code: IN0922
Distribution Start: 13-Sep-2022 • Distribution End: 11-Oct-2022 • Report Issued: n/a • Report Status: n/a
Requested By: #####



| Location | Instrument Serial # | Instrument Name | INR | Overall % Poor PI | Overall % Non-Return |
|----------------------|---------------------|-----------------|------------|-------------------|----------------------|
| Anti-Coag Clinic | TZ1000001 | | Good | 0% | 0% |
| | TZ1000002 | | Acceptable | 0% | 0% |
| Day Surgery Unit | TZ1000003 | | Good | 0% | 0% |
| Endoscopy Unit | TZ1000004 | | Good | 0% | 0% |
| Ward 1 | TZ1000005 | | Acceptable | 0% | 0% |
| Ward 2 | UQ0000001 | | Acceptable | 0% | 0% |
| Pathology 1 | UQ0000002 | | Good | 0% | 0% |
| Ward 3 | TZ1000006 | | Good | 0% | 0% |
| Ward 4 | TZ1000007 | | Acceptable | 0% | 0% |
| Ward 5 | UQ0000003 | | NRR | 0% | 100% |
| West Building | TZ1000008 | | NRR | 0% | 100% |
| West Building Ward 1 | U0000004 | | Good | 0% | 0% |

| PI Code | Meaning |
|---------|--|
| N/A | Not enrolled for this analyte |
| NRR | Analyte enrolled but no results returned |
| N/S | This quantitative analyte not scored for this distribution |

**** Please note****
The NQAAP expects 100% compliance on EQA returns. If you are enrolled for an analyte and have not returned a result (denoted by NRR in your PI table), this will be treated as a poor performance score. Please let us know as soon as possible if you are no longer providing this analyte as part of your diagnostic service.

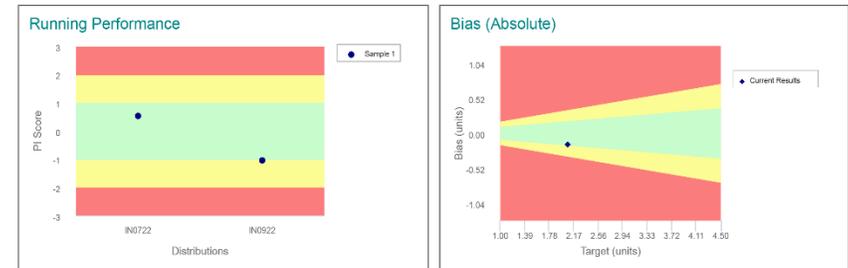
Distribution Specific Comment
There is no specific comment for this distribution.

Participant submitted comments

| Location | Instrument Name / Serial # | Distribution specific comment from the participant |
|---------------|----------------------------|---|
| West Building | TZ1000008 | ANALYSER NOT IN CLINICAL USE - AWAITING TRAINING FROM ROCHE |

Programme: POCT INR • Distribution Code: IN0922
Distribution Start: 13-Sep-2022 • Distribution End: 11-Oct-2022 • Report Issued: • Report Status: n/a

Participant Code: WQ00000 • Location: Anti-Coag Clinic • Analyser Name: n/a • Serial #: TZ1000002
Date Samples received: n/a • Date of Analysis: n/a • Operator Details: n/a • Storage Conditions: 2 - 8 °C
Analyte: INR • Method: CoaguChek Pro II • Kit: na



Your overall performance for this analyte is: Acceptable

- Your results for this distribution are acceptable

There are no Weqas or Participant supplied comments for INR for this distribution.

Simplified Reports

Distribution details and report status.

Participant Code replaces Lab Code.

Participant Code: WQ00000

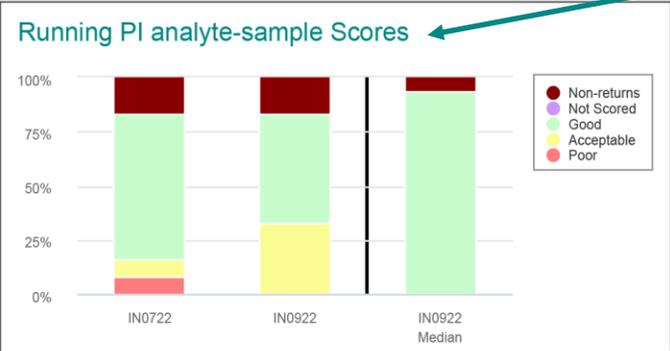
#####

Unit 6, Parc Ty Glas
Llanishen
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CF14 5DU
Tel: 02920 314750
Email: office@weqas.com
Programme Organiser: Mrs Annette Thomas

Programme: **POCT INR** • Distribution Code: **IN0922**
Distribution Start: 13-Sep-2022 • Distribution End: 11-Oct-2022 • Report Issued: n/a • Report Status: n/a
Requested By: #####

Your % Poor PI (Performance Index) across all samples for all instruments, the Median All Participants % Poor PI and the 97.5th Centile % Poor PI.

| This Distribution | |
|--------------------------------------|----|
| Your % Poor PI | 0% |
| Median All Participant % Poor PI | 0% |
| 97.5 th Centile % Poor PI | 0% |



| PI Ranges | |
|-----------|------------|
| <1 | Good |
| 1-2 | Acceptable |
| >2 | Poor |

The running table shows the current distribution PI scores, and ultimately the previous 5 distribution PI scores for all analytes, for your Participant Code, plus all-Participant Median performance.

Simplified Reports

The PI Scores table shows performance for all analytes and all instruments.

PI Scores are converted into performance categories and colour coded.

| Location | Instrument Serial # | Instrument Name | INR | Overall % Poor PI | Overall % Non-Return |
|----------------------|---------------------|-----------------|------------|-------------------|----------------------|
| Anti-Coag Clinic | TZ1000001 | | Good | 0% | 0% |
| | TZ1000002 | | Acceptable | 0% | 0% |
| Day Surgery Unit | TZ1000003 | | Good | 0% | 0% |
| Endoscopy Unit | TZ1000004 | | Good | 0% | 0% |
| Ward 1 | TZ1000005 | | Acceptable | 0% | 0% |
| Ward 2 | UQ0000001 | | Acceptable | 0% | 0% |
| Pathology 1 | UQ0000002 | | Good | 0% | 0% |
| Ward 3 | TZ1000006 | | Good | 0% | 0% |
| Ward 4 | TZ1000007 | | Acceptable | 0% | 0% |
| Ward 5 | UQ0000003 | | NRR | 0% | 100% |
| West Building | TZ1000008 | | NRR | 0% | 100% |
| West Building Ward 1 | U00000004 | | Good | 0% | 0% |

Overall % Poor PI across all analytes for each instrument, and Overall % non return for each instrument.

Simplified Reports

Key for PI Codes.

| PI Code | Meaning |
|---------|--|
| N/A | Not enrolled for this analyte |
| NRR | Analyte enrolled but no results returned |
| N/S | This quantitative analyte not scored for this distribution |

****** Please note******
 The NQAAP expects 100% compliance on EQA returns. If you are enrolled for an analyte and have not returned a result (denoted by NRR in your PI table), this will be treated as a poor performance score. Please let us know as soon as possible if you are no longer providing this analyte as part of your diagnostic service.

Distribution Specific Comment
 There is no specific comment for this distribution.

Participant submitted comments

| Location | Instrument Name / Serial # | Distribution specific comment from the participant |
|---------------|----------------------------|---|
| West Building | TZ1000008 | ANALYSER NOT IN CLINICAL USE - AWAITING TRAINING FROM ROCHE |

Distribution Specific Comments from Weqas or participant.

Simplified Reports

'Your reported result' will be shown in the units entered, in the Weqas standard units (if units entered are different from the Weqas standard units), and method corrected result (if appropriate for the analyte).

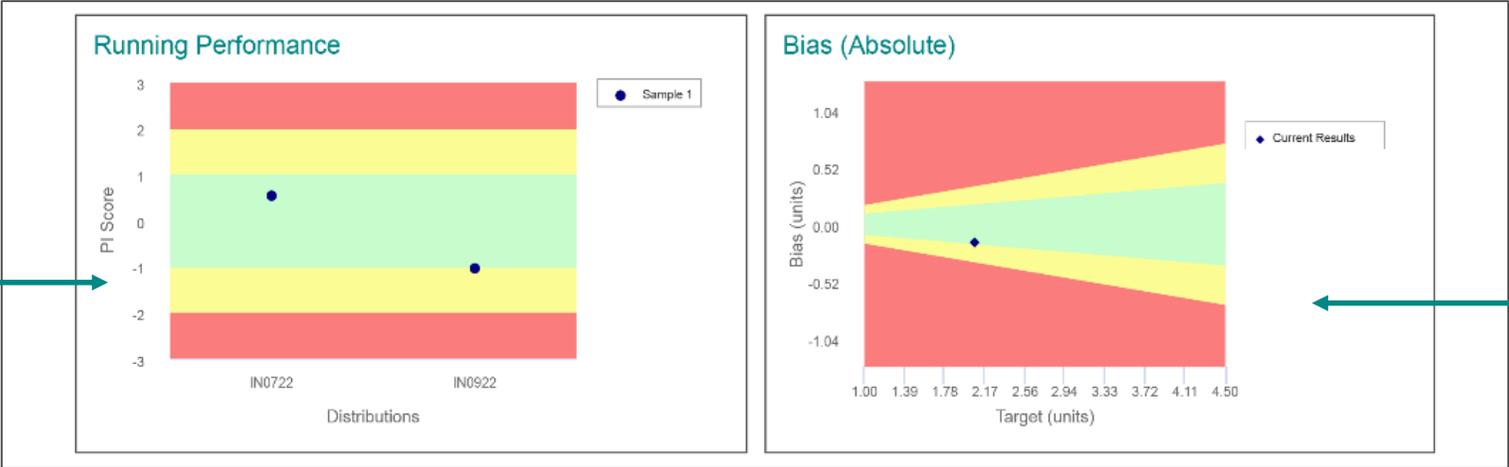
This will show whether you have been scored against Reference Value, Method Mean or Overall Mean and the actual target value will be shown here.

| Programme: POCT INR • Distribution Code: IN0922 Distribution Start: 13-Sep-2022 • Distribution End: 11-Oct-2022 • Report Issued: • Report Status: n/a | | | | | | | | | | | | |
|--|-------------|--|--|----------|------------------------------|-----|--|-------|--|------|------------|--------------------------------------|
| Participant Code: WQ00000 • Location: Anti-Coag Clinic • Analyser Name: n/a • Serial #: TZ1000002 Date Samples received: n/a • Date of Analysis: n/a • Operator Details: n/a • Storage Conditions: 2 - 8 °C | | | | | | | | | | | | |
| Analyte: INR • Method: CoaguChek Pro II • Kit: na | | | | | | | | | | | | |
| <table border="1"><thead><tr><th colspan="2">INR (units)</th></tr><tr><th></th><th>Sample 1</th></tr></thead><tbody><tr><td>Your reported result (units)</td><td>1.9</td></tr><tr><td>Your results are scored against: (Method Mean)</td><td>2.073</td></tr></tbody></table> | INR (units) | | | Sample 1 | Your reported result (units) | 1.9 | Your results are scored against: (Method Mean) | 2.073 | <table border="1"><tr><td>Good</td></tr><tr><td>Acceptable</td></tr><tr><td>Poor – discuss with POCT Coordinator</td></tr></table> | Good | Acceptable | Poor – discuss with POCT Coordinator |
| INR (units) | | | | | | | | | | | | |
| | Sample 1 | | | | | | | | | | | |
| Your reported result (units) | 1.9 | | | | | | | | | | | |
| Your results are scored against: (Method Mean) | 2.073 | | | | | | | | | | | |
| Good | | | | | | | | | | | | |
| Acceptable | | | | | | | | | | | | |
| Poor – discuss with POCT Coordinator | | | | | | | | | | | | |

The individual Location and instrument details will be shown here.

Simplified Reports

Running Performance chart shows the PI (Performance Index) score for each sample for the current distribution and the last 5 distributions, with colour coding for each performance category.



The Bias (Absolute) Plot shows absolute bias in Weqas standard units for each sample for the current distribution. The x-axis is the target value; if the target value is a Reference Value or the Overall Mean, your Method Means will be plotted.

Simplified Reports

Overall Performance is shown as a 'Traffic light', with performance colour coded to easily identify the performance category.

The diagram shows a simplified report layout. At the top left is a traffic light icon with the middle light illuminated in yellow. To its right is a text box containing the overall performance status and a bullet point. Below this is a separate box for comments.

| | |
|--|---|
| | <p>Your overall performance for this analyte is: Acceptable</p> <ul style="list-style-type: none">Your results for this distribution are acceptable |
| <p><i>There are no Weqas or Participant supplied comments for INR for this distribution.</i></p> | |

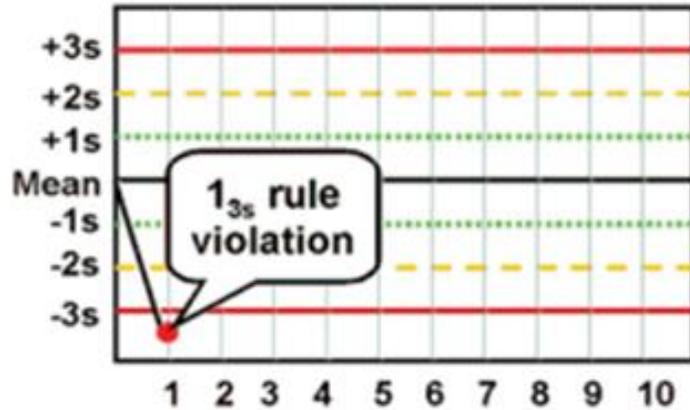
Overall Performance is stated here along with a basic interpretation of your performance and potential error identified.

Analyte Specific Comments from Weqas or participant.

Performance Comments

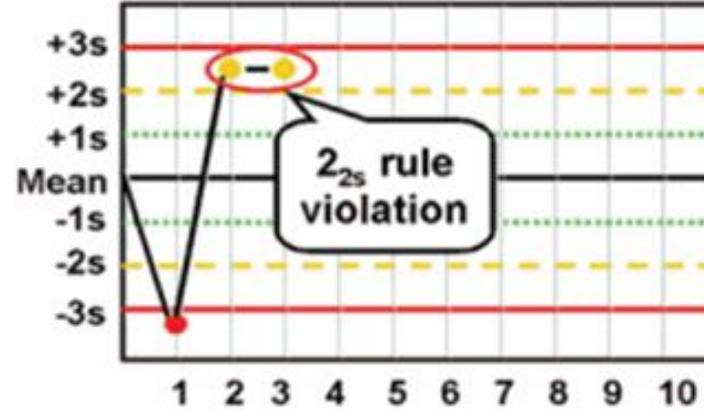
| |
|---|
| Your results for this distribution are acceptable |
| You have at least one sample in this distribution with a poor score: score > 2 |
| You have at least two samples in this distribution with a poor score: score > 2 |
| Your results show a consistent bias. |
| Please discuss your results with your EQA officer / POCT Co-ordinator |
| There are no current performance alerts for this analyte |
| Non-compliance: you have not reported results for this analyte |
| You have at least one sample in this distribution with a very poor score: score > 3 |
| Your results suggest a potential bias |
| You have poor performance for this distribution due to a mixed positive and negative bias |
| Scoring is currently unavailable for your reported results |
| You have a poor score for this distribution: score > 2 |

Examples of rules used for the Performance Alert



Comment:

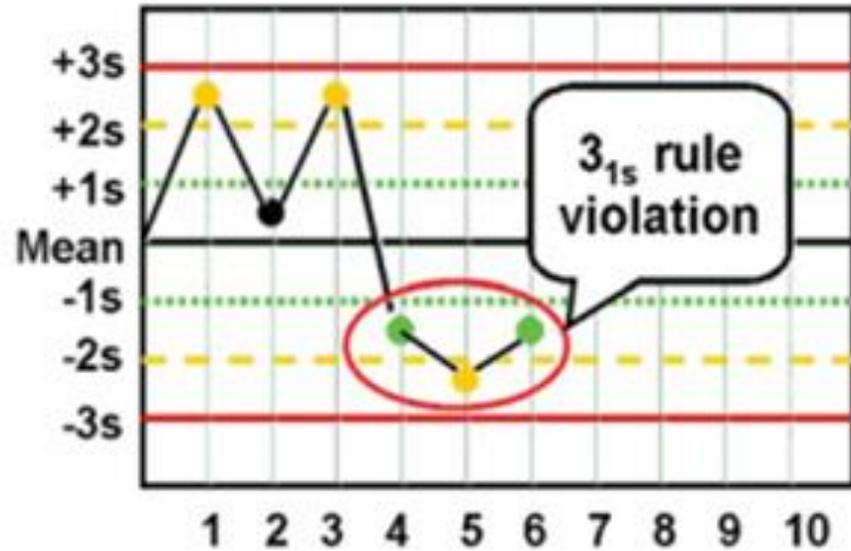
You have at least one sample in this distribution with a very poor score: $|\text{score}| > 3$



Comment:

You have at least two samples in this distribution with a poor score: $|\text{score}| > 2$

Consistent Bias



Comment:

Your results show a consistent bias.

The rule is used when the distribution has a set of 3 or more samples.

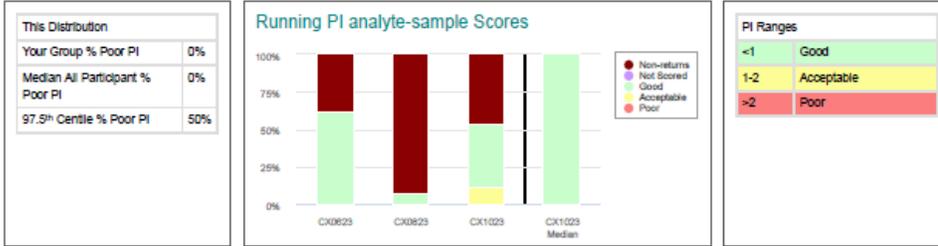
If the PI (Performance Index) for all samples is >1
OR PI for all samples < -1

The rule does not show whether the bias is positive or negative, but indicates that there is a bias to be investigated.

This example shows a negative bias.

Group User Summary page

Programme: POCT CRP • Distribution Code: CX1023
Distribution Start: 17-Oct-2023 • Distribution End: 31-Oct-2023 • Report Issued: 16-Nov-2023 • Report Status: Final
Requested By: sam@weqas.com



| Participant Code | Location | Instrument Serial # | Instrument Name | CRP | Overall % Poor PI | Overall % Non-Return |
|------------------|------------|---------------------|-----------------|------------|-------------------|----------------------|
| WQ00428 | Surgery 1 | AS 00519 | | Good | 0% | 0% |
| WQ00432 | Surgery 2 | AS 00537 | | NRR | 0% | 100% |
| WQ00437 | Surgery 3 | AS 00549 | | Acceptable | 0% | 0% |
| WQ00438 | Surgery 4 | AS 00381 | | NRR | 0% | 100% |
| WQ00443 | Surgery 5 | AS 00400 | | NRR | 0% | 100% |
| WQ00444 | Surgery 6 | AS 00519 | | NRR | 0% | 100% |
| WQ00461 | Surgery 7 | AS 00533 | | Good | 0% | 0% |
| WQ00462 | Surgery 8 | AS 00518 | | NRR | 0% | 100% |
| WQ00464 | Surgery 9 | AF 200333 | | Good | 0% | 0% |
| WQ00470 | Surgery 10 | AS 00339 | | Good | 0% | 0% |
| WQ00471 | Surgery 11 | AS 00548 | | NRR | 0% | 100% |
| WQ00475 | Surgery 12 | AS 00558 | | Acceptable | 0% | 0% |
| WQ00477 | Surgery 13 | AF 200356 | | Good | 0% | 0% |

| PI Code | Meaning |
|---------|--|
| N/A | Not enrolled for this analyte |
| NRR | Analyte enrolled but no results returned |
| N/S | This quantitative analyte not scored for this distribution |

***** Please note*****
The NQAAP expects 100% compliance on EQA returns. If you are enrolled for an analyte and have not returned a result (denoted by NRR in your PI table), this will be treated as a poor performance score. Please let us know as soon as possible if you are no longer providing this analyte as part of your diagnostic service.

Distribution Specific Comment
There is no specific comment for this distribution.

Participant submitted comments

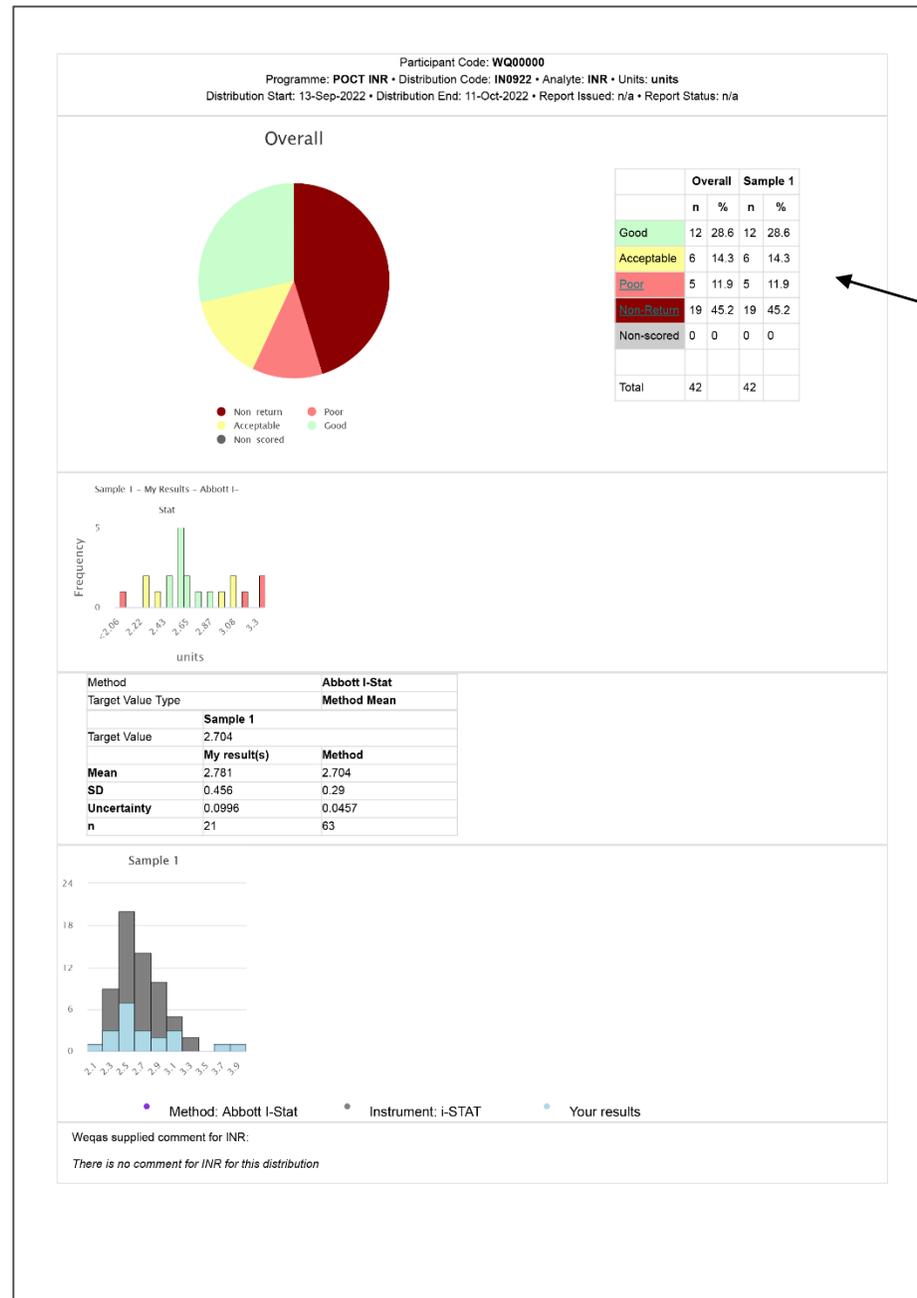
| Participant | Location | Instrument Name / Serial # | Distribution specific comment from the participant |
|-------------|------------|----------------------------|---|
| WQ00428 | Surgery 1 | AS 00519 | no lot number provided |
| WQ00461 | Surgery 7 | AS 00533 | no lot number given and there is a possibility that the sample has been left out of the fridge before testing |
| WQ00464 | Surgery 9 | AF 200333 | no lot numbers provided |
| WQ00470 | Surgery 10 | AS 00339 | no lot number supplied |
| WQ00475 | Surgery 12 | AS 00558 | no lot number provided |
| WQ00477 | Surgery 13 | AF 200356 | no lot number provided |

POCT Co-ordinators Report

Reports are very interactive.

You can hover over various parts of any of the graphical displays within the reports to focus in on the element you wish to see.

[Sign in - Weqas Connect](#)



Hyperlinks on 'Poor' and 'Non Returns' to take you to further information.

Poor Performance report from Hyperlink

Participant Code: **WQ00**

Programme: **POCT INR** • Distribution Code: **IN0922** • Analyte: **INR** • Units: **units**

Distribution Start: **13-Sep-2022** • Distribution End: **11-Oct-2022** • Report Issued: **26-Oct-2022** • Report Status: **Final**

| Location | Serial # | Name | Sample 1 result | Sample 1 score | Overall performance |
|----------|----------|------|-----------------|----------------|---------------------|
| | 338 | n/a | 3.3 | 2.76 | Poor |
| | 338 | n/a | 3.2 | 2.29 | Poor |
| | 338 | n/a | 3.3 | 2.76 | Poor |
| | 34 | n/a | 3.2 | 2.29 | Poor |

Request PDF of Simplified Analyte reports for all poor performing instruments for this analyte

[Request PDF](#)

PDF will be created only for the sites that have poor performance to allow full review of the individual reports.

Non>Returns report from Hyperlink

Non>Returns Report

Participant: **WQ00001**

Programme: **POCT INR** • Distribution Code: **IN0922** • Analyte: **INR**

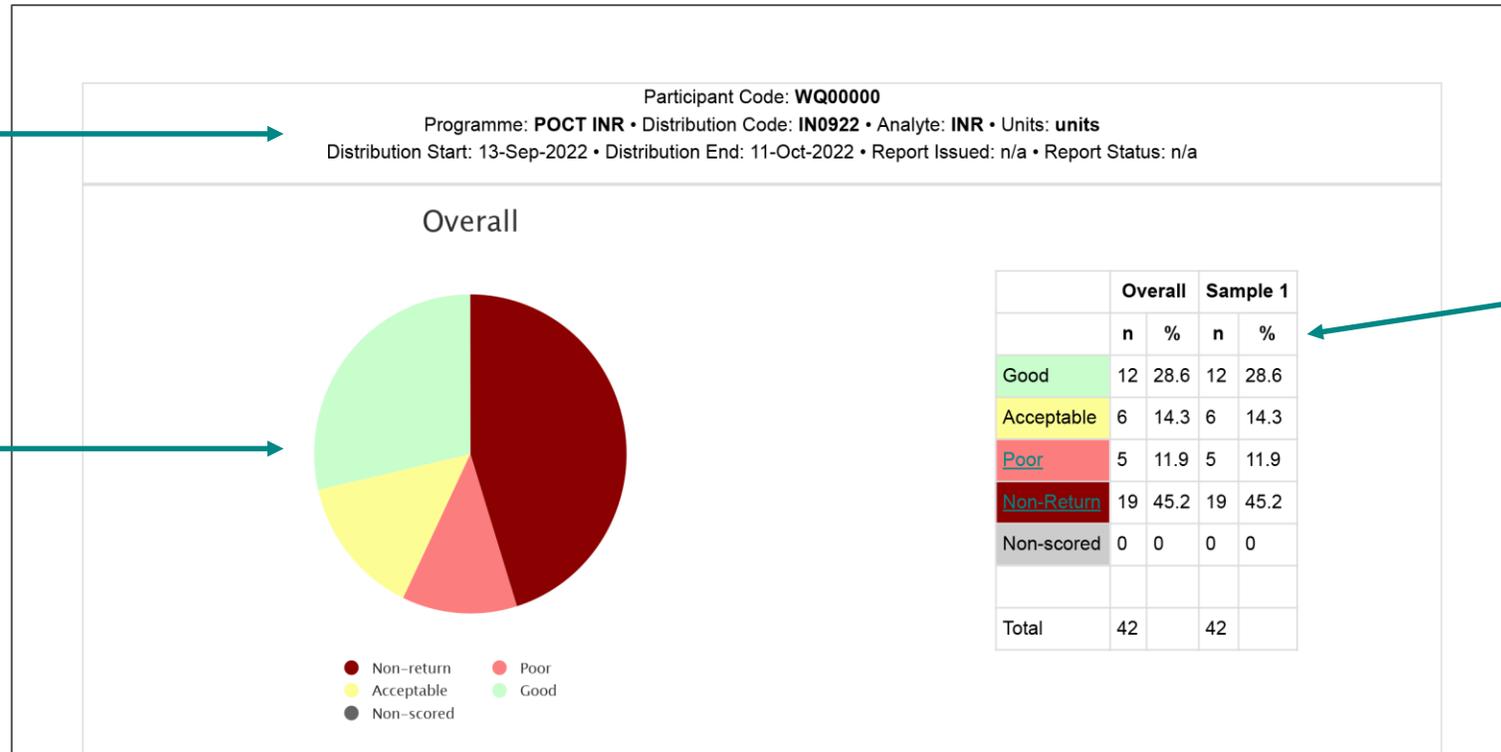
Distribution start: **13-Sep-2022** • Distribution End: **11-Oct-2022** • Report Issued: **26-Oct-2022** • Report Status: **n/a**

| Participant Code | Location | Serial # | Name |
|------------------|----------|----------|------|
| WQ00001 | POCT Lab | | n/a |
| WQ00001 | POCT Lab | | n/a |

POCT Co-ordinators Report

Participant Code,
Distribution details and
report status.

Analyte specific breakdown
of performance categories
for all samples.



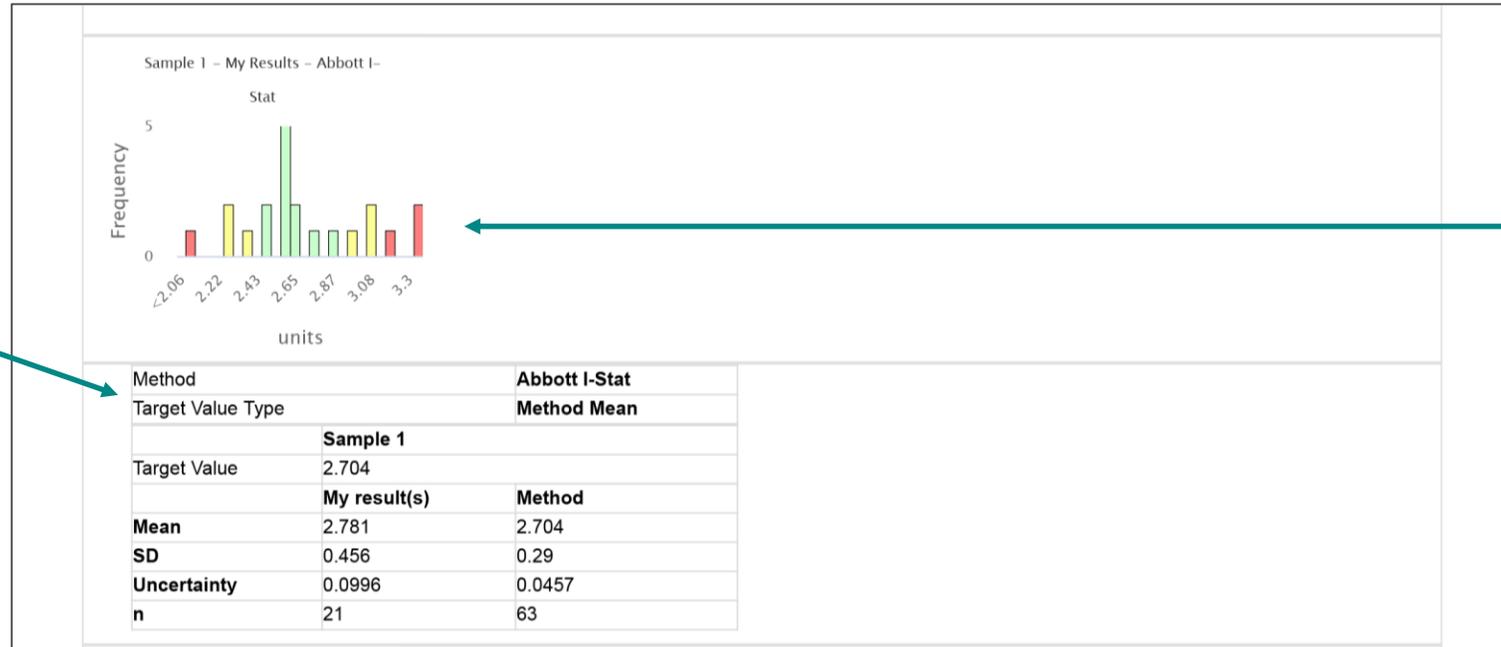
Numerical analyte specific
breakdown of performance
categories for each sample
and overall for your
Participant, Group or Super
Group dependent on access
level and report chosen.

POCT Co-ordinators Report

Method specific data table showing:

- Target Value to which the submitted result is compared against and Target Value type e.g. Method Mean.
- Mean and SD of your submitted results for this method / instrument.
- Method data (all participants within this method) is also supplied in the right-hand column.

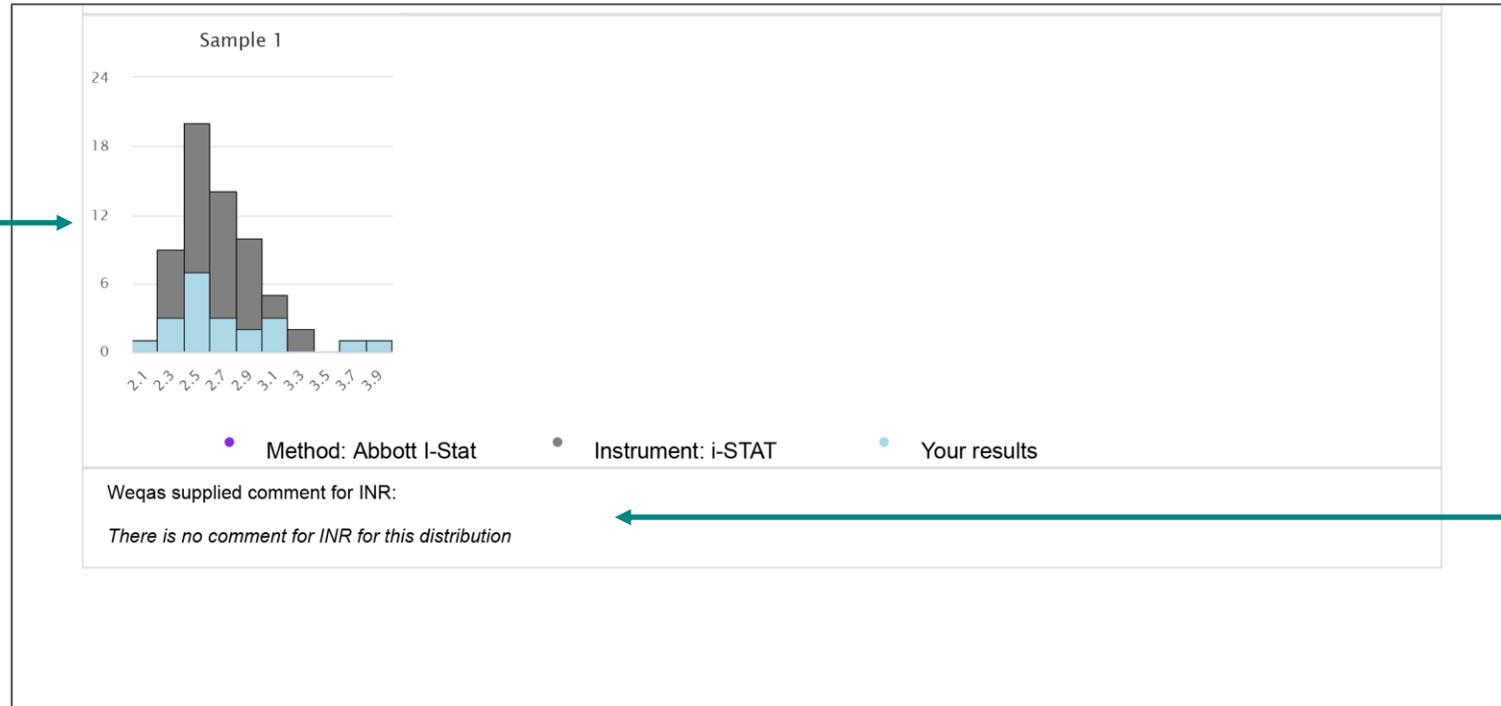
If you have more than one meter type, this data will be shown in a separate table.



Histogram showing the spread of your results. Bars are colour coded to show performance categories across the range.

POCT Co-ordinators Report

Histogram showing breakdown of results for each sample, showing the spread of results for your method, your instrument and your submitted results.



Distribution Specific Comments from Weqas or participant.

Raw Data Report

| Distribution Code | Distribution Start Date | Distribution Close Date | Analyte Name | Participant Code | Location | Serial Number | Instrument Name |
|-------------------|-------------------------|-------------------------|--------------|------------------|------------|---------------|-----------------|
| AM1023 | 23-Oct-2023 | 06-Nov-2023 | Ammonia | WQ00000 | Biochemist | 19A5-01 | 8000 (1) |
| AM1023 | 23-Oct-2023 | 06-Nov-2023 | Ammonia | WQ00000 | Biochemist | 19E2-07 | 8000 (2) |

| Sample 1 Target Value | Sample 1 Reported Value | Sample 1 PI Score | Sample 2 Target Value | Sample 2 Reported Value | Sample 2 PI Score | Sample 3 Target Value | Sample 3 Reported Value | Sample 3 PI Score |
|-----------------------|-------------------------|-------------------|-----------------------|-------------------------|-------------------|-----------------------|-------------------------|-------------------|
| 61.37 | 61 | -0.05 | 122.54 | 122 | -0.05 | 477.82 | 473 | -0.11 |
| 61.37 | 58 | -0.49 | 122.54 | 124 | 0.13 | 477.82 | 473 | -0.11 |

| Analyte Performance Category | Linear Regression Slope | Linear Regression Intercept | Standard Deviation Of Residuals | The Coefficient Of Linear Correlation | Imprecision Score |
|------------------------------|-------------------------|-----------------------------|---------------------------------|---------------------------------------|-------------------|
| Good | 0.988848556 | 0.549780994 | 0.364603255 | 0.999999328 | 0 |
| Good | 0.991632551 | -0.397636518 | 3.81175198 | 0.999926956 | 1 |

Instrument Report – all instruments

Instrument Report

Distribution Code: **CR1023**

Distribution Date: **09-Oct-2023**

Analyte: **All**

Method: **All**

Manufacturer: **All**

Instrument Model: **All**

Kit: **All**

Creatinine

Key

| | |
|-----|------------------------|
| red | Outside Expected Range |
| * | Method Transformed |

| Participant Code | 1 | 2 | 3 |
|------------------|-----|------|-----|
| WQ00001 | | | |
| WQ00002 | 259 | 706 | 476 |
| WQ00002 | 285 | 732 | 492 |
| WQ00007 | 364 | 1090 | 665 |
| WQ00014 | 234 | 764 | 451 |
| WQ00014 | 260 | 784 | 492 |
| WQ00014 | 300 | 748 | 460 |
| WQ00036 | 384 | 1081 | 654 |
| WQ00038 | 263 | 768 | 474 |
| WQ00038 | 240 | 775 | 468 |
| WQ00038 | 302 | 765 | 478 |

| | | | |
|----------------------------|------|------|------|
| Mean | 22.9 | 6.4 | 10.3 |
| SD | 4.6 | 1 | 1 |
| Uncertainty | 0.52 | 0.11 | 0.11 |
| Number | 125 | 125 | 123 |
| Reference Value | | | |
| Nonacoring Reference Value | | | |

| Method | Instrument | Kit | | 1 | 2 | 3 | |
|----------------|---|-----|-------------|-------------|------|------|------|
| I-STAT 4vMDRD | | | Mean | 14.1 | 4 | 6.9 | |
| | | | SD | 0.8 | 0 | 0.6 | |
| | | | Uncertainty | 0.24 | 0 | 0.17 | |
| | | | Number | 18 | 18 | 17 | |
| | Abbott I-STAT | | | Mean | 15.6 | 4 | 7.5 |
| | | | | SD | 0.6 | 0 | 0.6 |
| | | | | Uncertainty | 0.43 | 0 | 0.41 |
| | | | | Number | 3 | 3 | 3 |
| | Abbott I-STAT Alinity | | | Mean | 13.9 | 4 | 6.8 |
| | | | | SD | 0.7 | 0 | 0.5 |
| | | | | Uncertainty | 0.23 | 0 | 0.18 |
| | | | | Number | 15 | 15 | 14 |
| I-STAT CKD-EPI | | | Mean | 15 | 4 | 7 | |
| | | | SD | 1.2 | 0.5 | 0.6 | |
| | | | Uncertainty | 0.26 | 0.11 | 0.13 | |
| | | | Number | 36 | 36 | 35 | |
| | Abbott I-STAT | | | Mean | 15 | 4.2 | 7.7 |
| | | | | SD | 1.2 | 0.5 | 0.9 |
| | | | | Uncertainty | 0.63 | 0.24 | 0.47 |
| | | | | Number | 6 | 6 | 6 |
| | Abbott I-STAT Alinity | | | Mean | 15 | 4 | 6.9 |
| | | | | SD | 1.3 | 0.6 | 0.6 |
| | | | | Uncertainty | 0.29 | 0.13 | 0.13 |
| | | | | Number | 30 | 30 | 29 |
| NOVA 4vMDRD | | | Mean | 19.6 | 6 | 10.5 | |
| | | | SD | 2.3 | 0.7 | 1.1 | |
| | | | Uncertainty | 0.42 | 0.12 | 0.2 | |
| | | | Number | 48 | 48 | 48 | |
| | Nova StatSensor Creatinine Connectivity Meter | | | Mean | 19.5 | 6 | 10.4 |
| | | | | SD | 2.3 | 0.7 | 1.1 |
| | | | | Uncertainty | 0.43 | 0.12 | 0.21 |
| | | | | Number | 46 | 46 | 46 |
| | Nova StatSensor Xpress Creatinine Meter | | | Mean | 21.5 | 5.5 | 11.5 |
| | | | | SD | 0.8 | 0.8 | 0.8 |
| | | | | Uncertainty | 0.71 | 0.71 | 0.71 |
| | | | | Number | 2 | 2 | 2 |

Instrument Report – instrument / kit selection

Instrument Report

Distribution Code: **CR1023**
 Distribution Date: **09-Oct-2023**
 Analyte: **Creatinine (µmol/L)**
 Method: **i-STAT**
 Manufacturer: **Abbott**
 Instrument Model: **i-STAT**
 Kit: **Abbott 03P84-25 i-STAT CREA**

Creatinine

Key

| | |
|-----|------------------------|
| red | Outside Expected Range |
| * | Method Transformed |

| Participant Code | 1 | 2 | 3 |
|------------------|-------|--------|-------|
| WQ00074 | 380 | 1064 | 691 |
| WQ00074 | 361 | 1118 | 673 |
| WQ00074 | 362 | 1147 | 680 |
| WQ00074 | 369 | 1068 | 682 |
| WQ00074 | 378 | 1085 | 695 |
| WQ00074 | 375 | 1054 | 689 |
| WQ00074 | 354 | 1053 | 658 |
| WQ00241 | 382 | 1114 | 674 |
| WQ00291 | 346 * | 1011 * | 654 |
| WQ00291 | 377 | 1138 | 663 |
| WQ00295 | 344 * | 1032 * | 640 |
| WQ00295 | 343 * | 1050 | 627 * |

| Overall | 1 | 2 | 3 |
|---------|-------|-------|-------|
| Mean | 243.7 | 702.8 | 432.3 |

| | | | |
|----------------------------|------|-------|------|
| SD | 44.4 | 101.3 | 63.3 |
| Uncertainty | 4.32 | 9.86 | 6.19 |
| Number | 165 | 165 | 163 |
| Reference Value | | | |
| Nonscoring Reference Value | | | |

| Method | Instrument | Kit | | 1 | 2 | 3 |
|--------|---------------|--------------------------------|-------------|-------|--------|-------|
| i-STAT | | | Mean | 367.4 | 1096.4 | 672.1 |
| | | | SD | 12.2 | 40.2 | 23.2 |
| | | | Uncertainty | 1.64 | 5.38 | 3.15 |
| | | | Number | 87 | 87 | 85 |
| | | | Mean | 368 | 1090.2 | 669.3 |
| | | | SD | 12.7 | 50.2 | 25.5 |
| | Abbott i-STAT | Abbott i-STAT CREA 03P84-25 | Mean | 368 | 1090.2 | 669.3 |
| | | | SD | 12.7 | 50.2 | 25.5 |
| | | | Uncertainty | 2.86 | 11.47 | 5.81 |
| | | | Number | 31 | 30 | 30 |
| | | | Mean | 368 | 1090.2 | 669.3 |
| | | | SD | 12.7 | 50.2 | 25.5 |