Use the Participation Statistics to Self-Evaluate your Results
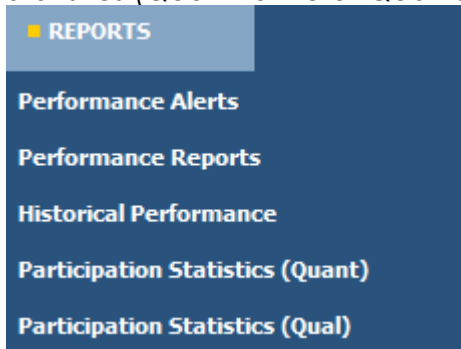
If you fail to submit your results by the results deadline, you may use the Participation Statistics to self-evaluate.

Once the Performance Reports are available, compare your results with the acceptable range for your peer group by following these instructions:

1. Log in to OASYS.
2. Select "REPORTS" from the menu and click on the appropriate Participation Statistics (Quantitative or Qualitative).

3. The next screen will show you the Participation Statistics available for your subscriptions.

Reports show participation statistics by program for each test event

Select the appropriate Results Deadline | Test Event and click on to have the report emailed to the email address that is linked to your OASYS login account.

4. For **Quantitative Participation Statistics (Quant)** the peer groups are found under the column "Analyte/Unit of Measure Comparison Group".

Find the most appropriate peer group for your testing platform. The values shown in the range column are the acceptable range of results for that particular peer group.

Ensure that your results fall within the range for your peer group. .

Quantitative Participation Statistics

Participant:
Program: CARM432   Cardiac Markers
Results Deadline: 2014/Jul/16

Analyte/Unit of Measure Comparison_Group	Sample A			
	#	Mean	SD	CV(%)	Range

Troponin T (µg/L) - CARM   Evaluation Criteria: Peer Group Mean ± 2SD

Analyte/Unit of Measure Comparison_Group	#	Mean	SD	CV(%)	Range
AR:All Results	11	0.422	0.265	62.7	0.00 - 0.96
ME:Immunoassay	11	0.422	0.265	62.7	0.00 - 0.96
SM:Chemiluminescent	5	0.657	0.025	3.9	0.60 - 0.71
RM:Roche Diagnostics	5	0.657	0.025	3.9	0.60 - 0.71
IM:Roche Diagnostics	5	0.657	0.025	3.9	0.60 - 0.71
SM:Colorimetric (IA)	5	0.188	0.025	13.1	0.13 - 0.24
RM:Roche Diagnostics	5	0.188	0.025	13.1	0.13 - 0.24
IM:Roche Diagnostics	5	0.188	0.025	13.1	0.13 - 0.24
ID:Roche Cobas h 232	4	0.197	0.012	6.1	0.17 - 0.23

There are two ways to know which peer group your result belongs to:

a.) Review your previous Performance Reports.

	PARTICIPANT DATA			COMPARATIVE GROUP DATA				
Analyte / Sample	Result	SDI	Grade	Statistical Count	Mean	SD	CV(%)	Peer Group Code:Description
Troponin T µg/L								
A	0.15	-1.55	ACC	5	0.188	0.025	13.1	IM:Roche Diagnostics
B	0.63	-1.40	ACC	5	0.779	0.107	13.7	IM:Roche Diagnostics

b.) If your peer group cannot be found on the Participation Statistics report, review the statistics for the next closest peer group. For example, using the example above, if 'IM: Roche Diagnostics' does not exist, the next most relevant peer group would be 'RM: Roche Diagnostics'. Remember to look under the right ME (Method) and/or SM (Submethod).

5. For **Qualitative Participation Statistics (Qual)**, look at the first row called Answer Summary.

The answer with an asterisk * corresponds to the acceptable result.

In the example below, notice that for sample A the answer "Negative" shows 3 (1) without an asterisk and the answer "Positive" shows 206 (99)**.*

The acceptable result for Sample for A is "Positive". From a total of 209 participants, 206 (99%) participants selected the acceptable result.

Qualitative Participation Statistics

Participant:
Program: UDOA432 Urine Drugs of Abuse
Results Deadline: 2014/Apr/16

Analyte/Method	Reagent	Instrument Model	Answers	A (%)	B (%)	C (%)
Cannabinoids - Qualitative			Total Results	209	209	18
Answer Summary			Negative	3 (1)	7 (3)	18 (100)*
			Positive	206 (99)*	202 (97)*	
Immunoassay	Roche Hitachi/Modular	Roche Cobas e 601	Negative			1 (6)*
			Positive	1 (0.5)*	1 (0.5)*	
	Roche Integra/Cobas	Roche Cobas c 501	Negative		1 (0.5)	1 (6)*
			Positive	3 (1)*	2 (1)*	
		Roche Cobas c 502	Negative			1 (6)*
			Positive	3 (1)*	3 (1)*	
	Roche ONLINE DAT	Roche Integra 400/Plus	Negative			1 (6)*
			Positive	2 (1)*	2 (1)*	
		Roche Integra 800	Positive	5 (2)*	5 (2)*	
		Roche Modular Analytics P 800	Negative			1 (6)*