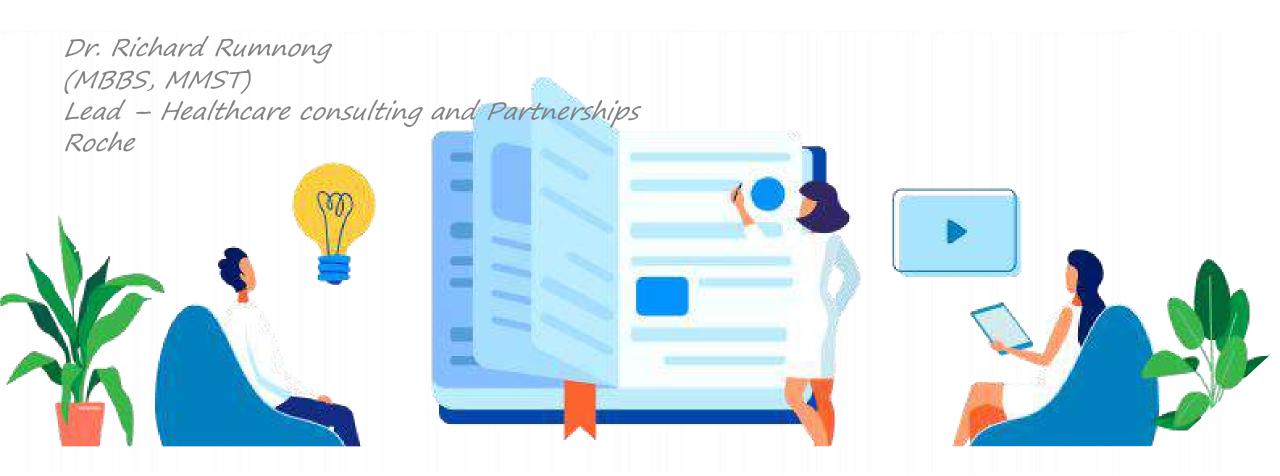


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2021 Clinical Chemistry Lab Benchmarking Data (India)



Last updated: 18th Jan, 2022



2021 Clinical Chemistry Laboratory Benchmarking Survey Main Menu

Launched in 2010, the Asia Pacific Laboratory Benchmarking Survey allows clinical chemistry laboratories to assess their performance on a wide range of quality, speed and cost indicators, helping them to identify areas for improvement and maintain competitive advantage.

More than 3,500 submissions since 2010 from over 20 countries have participated in the survey since inception, providing a rich trove of longitudinal industry data.

Benchmark Data

Participants Data

Survey Questions



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2021 Clinical Chemistry Laboratory Benchmarking Survey Benchmarking Data

By visiting <u>Lab Insights</u>, clinical laboratory managers can take the survey and view results via <u>interactive dashboards</u> that enable comparisons against <u>different peer groups</u>.

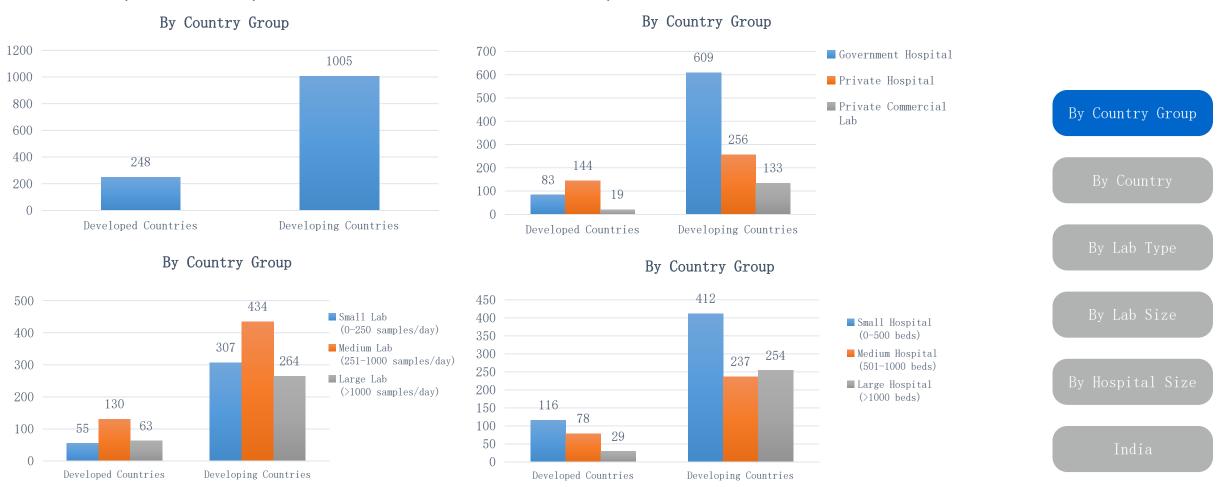
The latest results, which cover all the data collected in 2019-2021, include more than 1200+ unique responses—our largest annual sample yet.





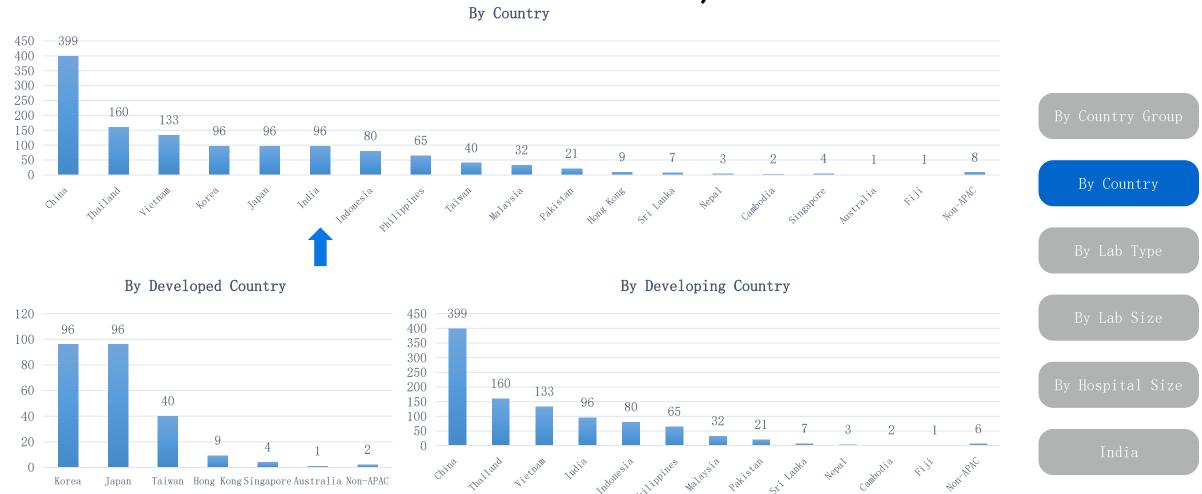


1253 participants join the survey in 2019-2021 80% participants from developing countries



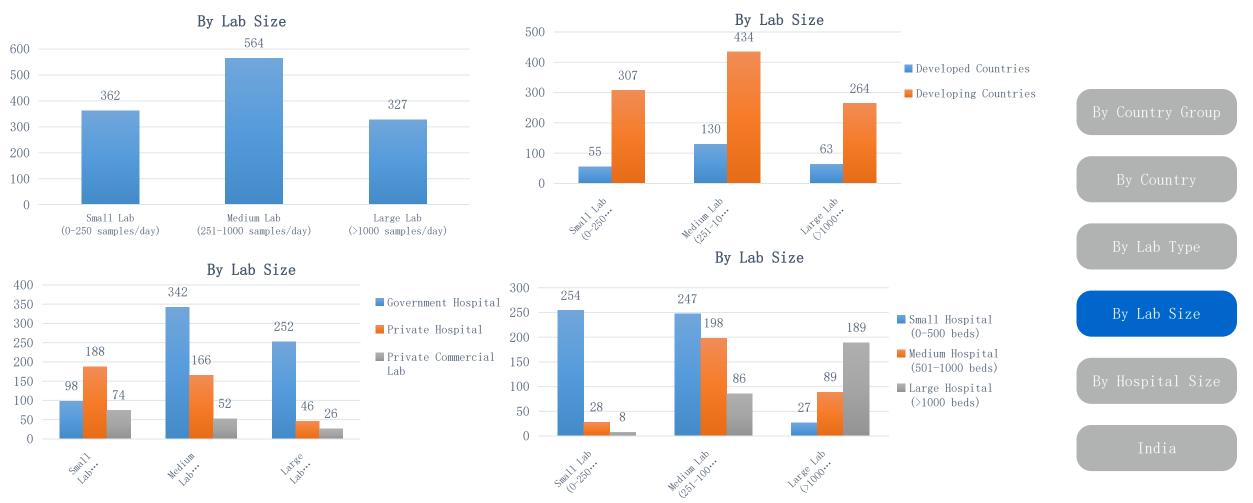


1253 participants join the survey in 2019-2021 Non-APAC countries start to take part in





1253 participants join the survey in 2019–2021 45% of participants are Medium Size Laboratories





96 participants in India join the survey in 2019-2021 Main participants are Small Hospital & Medium Lab



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Powered by Roche Diagnostics

India

Government Hospital

Private Hospital

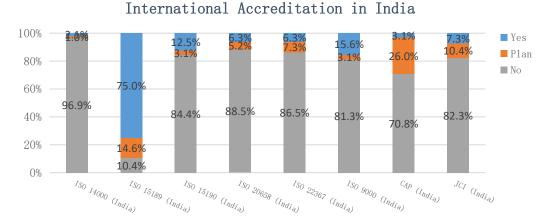
Private Commercial Lab

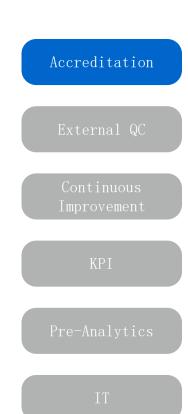


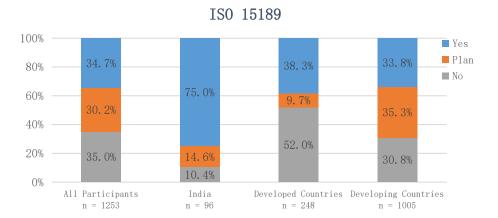
Roche

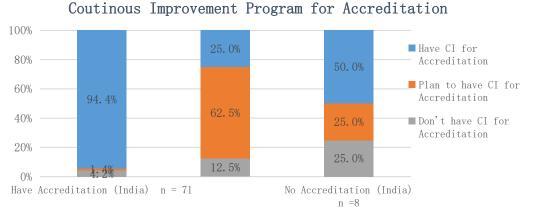
International Accreditation India has higher International Accrediation











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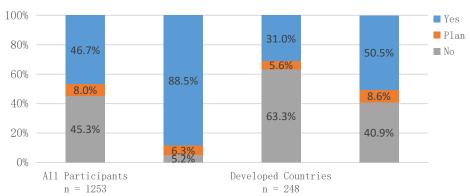


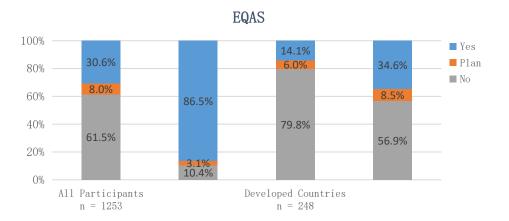


International External QC Program

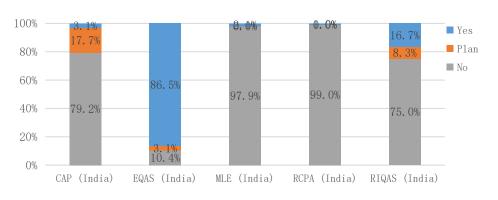
International External QC is pretty popular in

Indianternational External QC Program

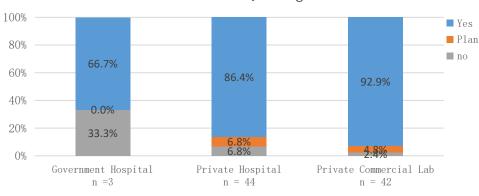












Accreditation

External QC

Continuous Improvement

KPI

Pre-Analytics

ΤT





Continuous Improvement Program

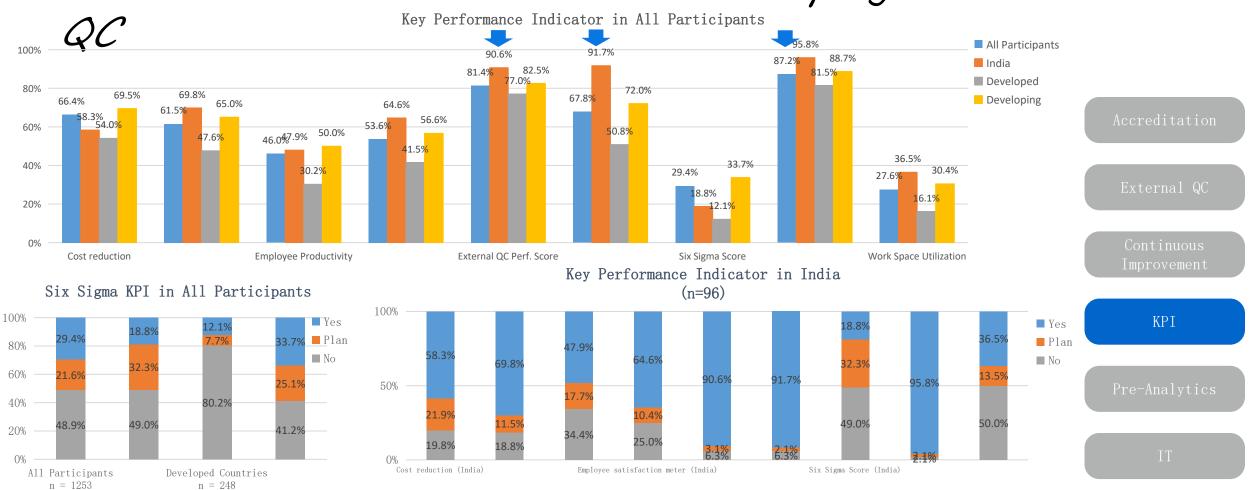
Continuous improvement program is above par in







Key Performance Indicator India laboratories KPI focus on the employee and external

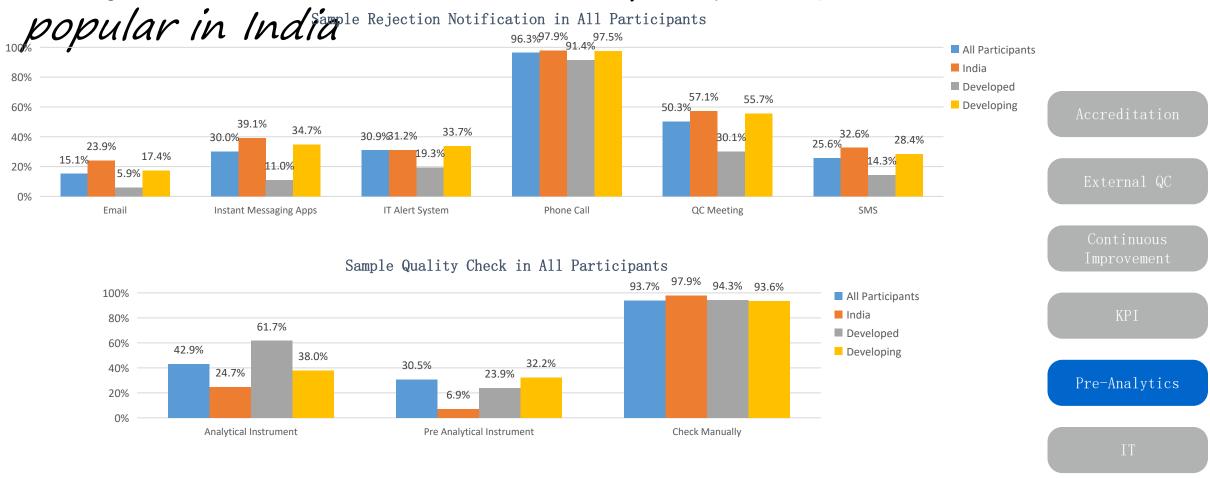




Pre-Analytics



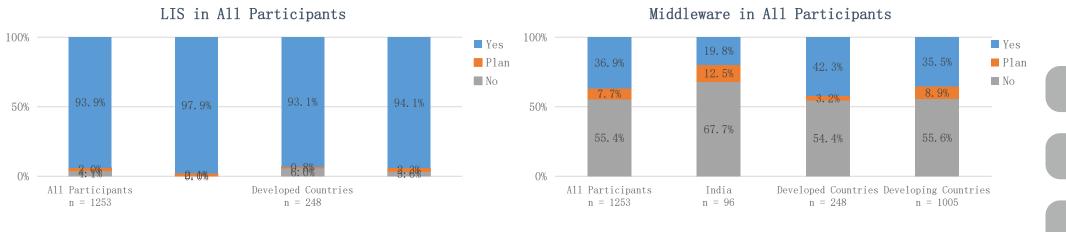
Using instrument to check sample quality is not popular in India Rejection Notification in All Participants 96.3%97.9% 91.4%



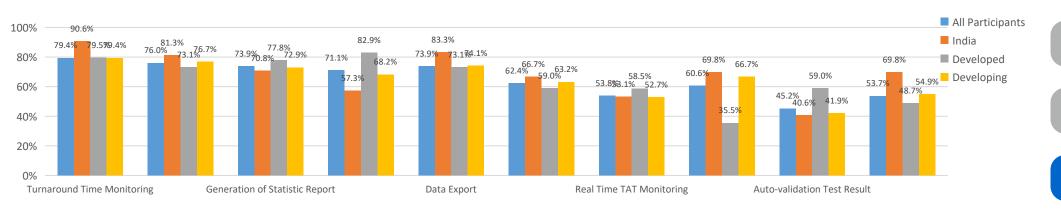




IT Infrastructure Middleware is not so popular in India



Top 10 IT function in All Participants



Accreditation

External QC

Continuous Improvement

KPI

Pre-Analytics

IT





STAT and Critical Result

Dedicated Stat Lab isn't popular in India, similar to

developed countries



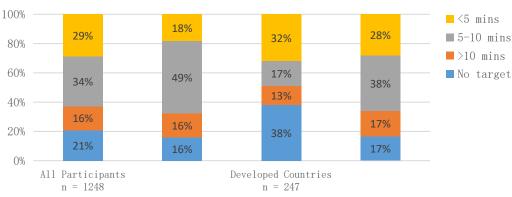


All Participants

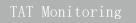
Developed

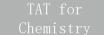
Developing

India





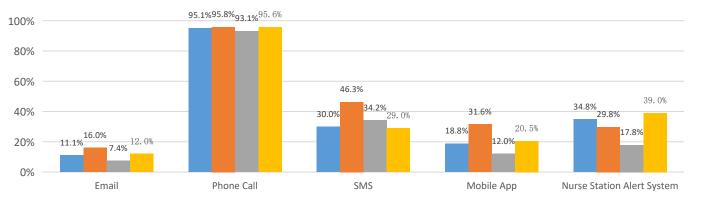




TAT for



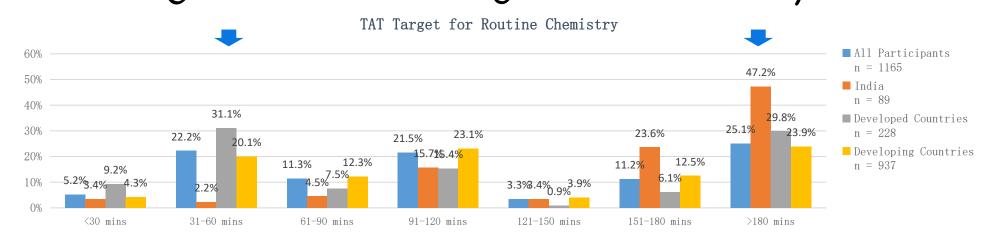
Critical Result Notification in All Participants







TAT target for Chemistry Tests TAT Target for Chemistry Test is below par in India





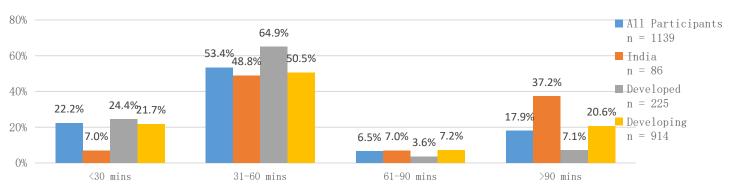
TAT Monitoring

TAT for Chemistry

TAT for Immunology

TAT for Specific

TAT Target for STAT Chemistry

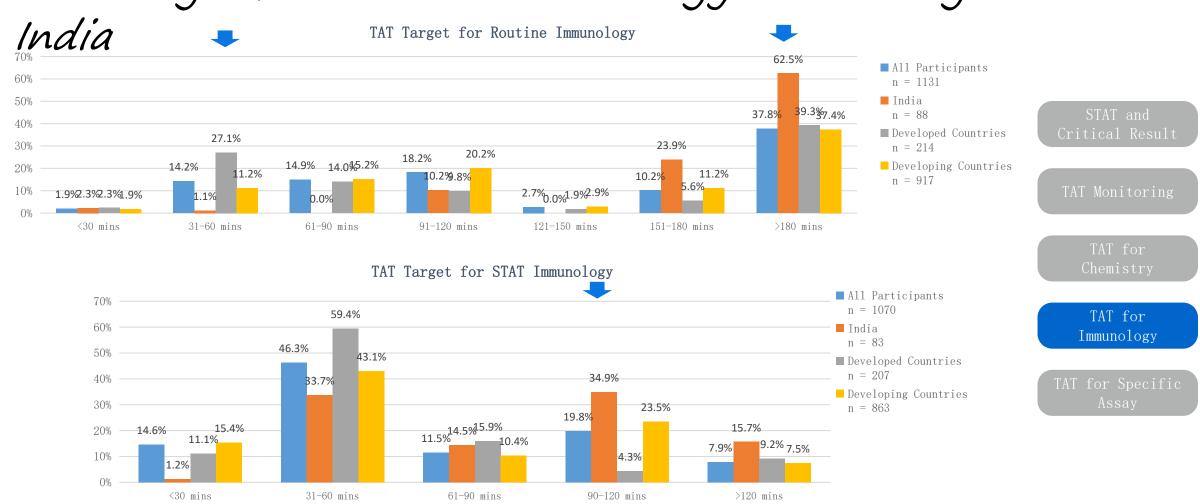






TAT target for Immunology Tests

TAT Target for Routine Immunology Test is longer in







Staff Productivity

Lab staff productivity in India is below par

6000

5000

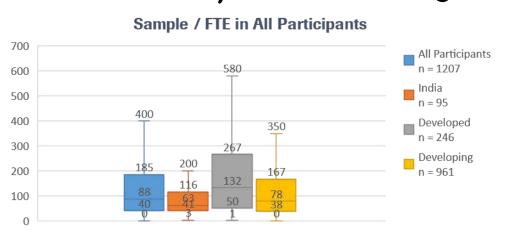
4000

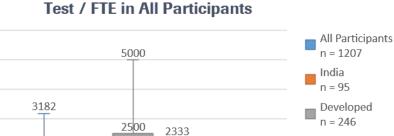
3000

2000

1000

0





Developing

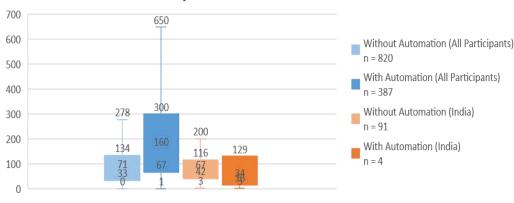
n = 961

Staff Productivity

Lab Space
Productivity

Instrument

Sample / FTE and Lab Automation





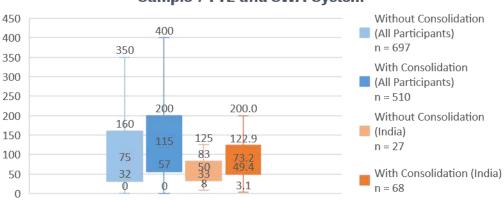
1025

1317

377

1063

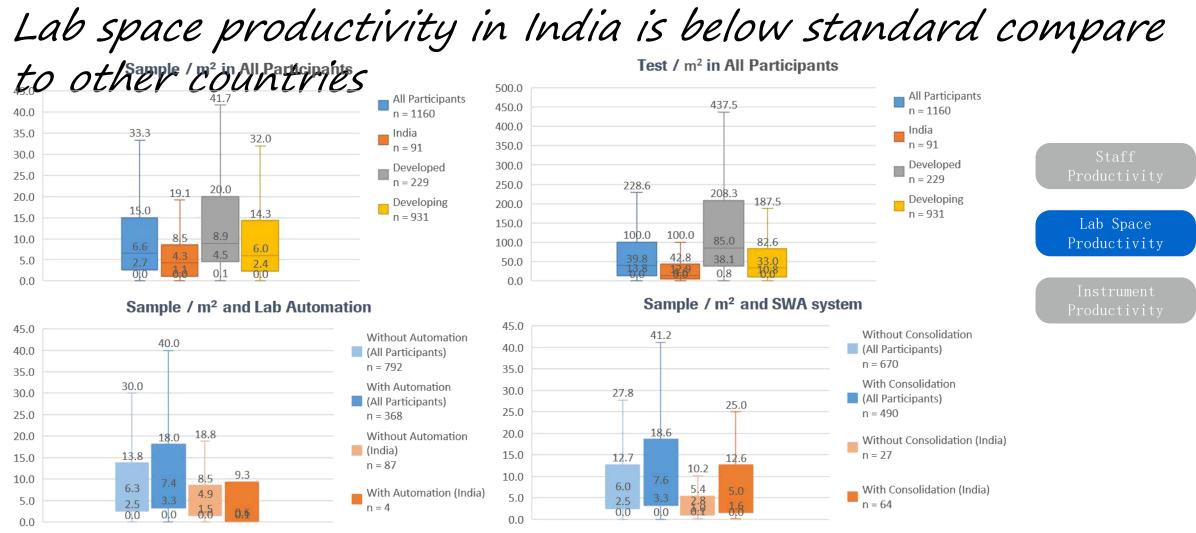
1375







Lab Space Productivity



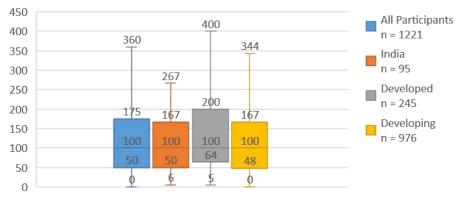




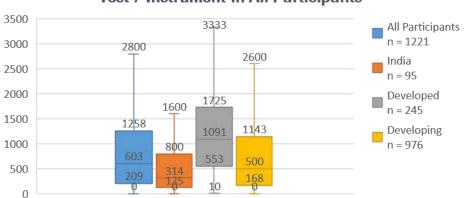
Instrument Productivity

Instrument Productivity is on average in India

Sample / Instrument in All Participants



Test / Instrument in All Participants

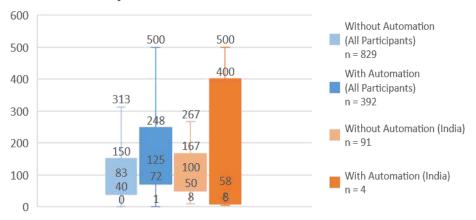


Staff Productivity

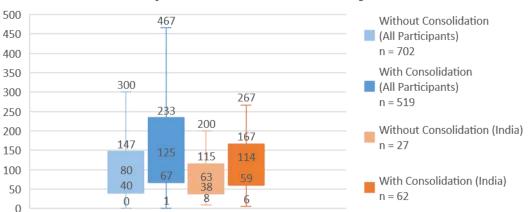
Lab Space Productivity

Instrument Productivity

Sample / Instrument and Lab Automation



Sample / Instrument and SWA system



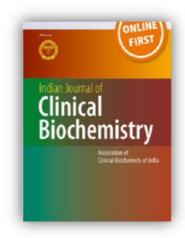






Diagnostic laboratories in Asia Pacific region: Investigation on quality characteristics and time of reporting

Article Reference: DOI
10.1016/j.clinblochem.2017.03.017
Publication: 20 March 2017
Journal: Clinical Biochemistry
Volume / Issue: 50 (2017)
Authors: Tony C. Badrick
Anton Gutscher
Nakako Sakamoto
Daniel Chin



Diagnostic Laboratories in India: Investigating Quality Characteristics, Productivity and Time of Reporting

Article Reference: DOI 10.1007/s12291-017-0679-9

Publication: 10 July 2017

Journal: Indian Journal of Clinical Biochemistry Volume / Issue: 10.1007/s12291-017-0679-9

Authors: Tony C. Badrick Anton Gutscher Daniel Chin



Philippines Diagnostic Pathology Laboratory Benchmarking

Article Reference: DOI 10.21141/PJP.2019.11 Publication: 19 October 2019 Journal: Philippine Journal of Pathology Volume / Issue: Vol. 4 No. 2 December 2019

Authors: Tony C. Badrick Jozica Habijanic Sam Yew Mah

Elizabeth Arcellana-Nuqui



Turnaround times and modes of reporting critical results in Asian laboratories

Article Reference: DOI 10.1177/0004563221989361 Publication: 27 January, 2021 Journal: Annals of Clinical Biochemistry

Volume / Issue: 2021 Jan 27 Authors: Tony C. Badrick Saleem Mohamed Wesley Wong SCHMAL OF LANGUAGE AND PROCEDURE METROPHE

A current analysis of quality indicators in Chinese clinical laboratories

Article Reference: 10.21037/jlpm-21-19

Publication: 16 June, 2021

Journal: Journal of Laboratory and Precision

Medicine

Volume / Issue: Vol 6 (July 2021) Authors: Tony C. Badrick

Saleem Mohamed Wesley Wong Xian-Zhang Huang



What factors are associated with improvements in productivity in clinical laboratories in the Asia Pacific Region?

Article Reference: doi.org/10.1016/j.clinbiochem.2021.10.008 Publication: 29 October, 2021 Journal: Clinical Biochemistry Volume / Issue: 50 (2017)

> Yichen Ge Jing Guo Wesley Wong

Authors: Tony C. Badrick



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