



The Research Practice Survey for NSTDA Research Quality Development

Supattra Laorrattanasak

National Science and Technology Development Agency

Ministry of Science and Technology

Thailand Science Park

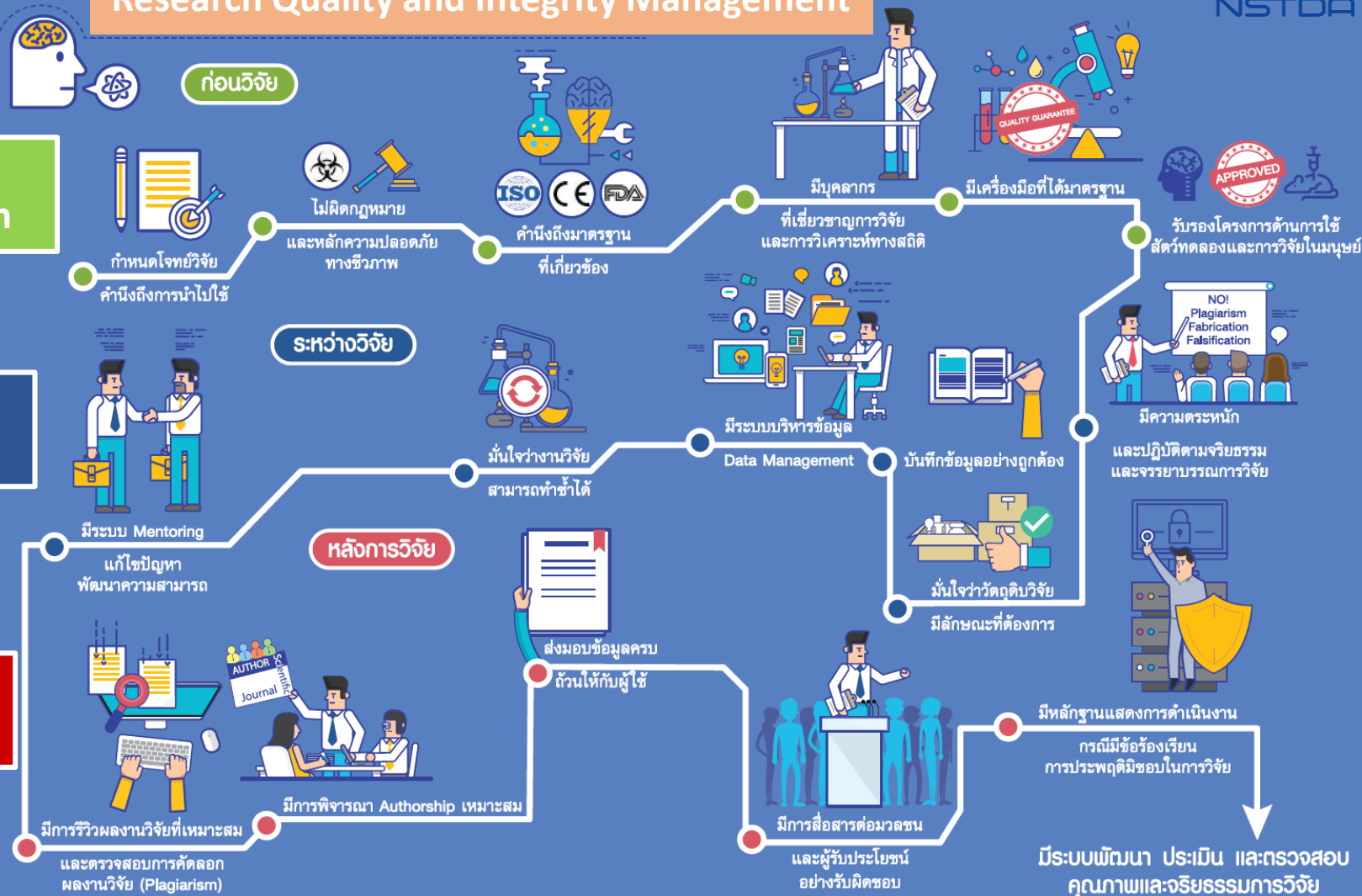
Pathumthani, Thailand

Research Quality and Integrity Management

Research Preparation

Research Process

Post - Research



The Research Practice Survey

NSTDA research staffs
via online
Apr – May 18

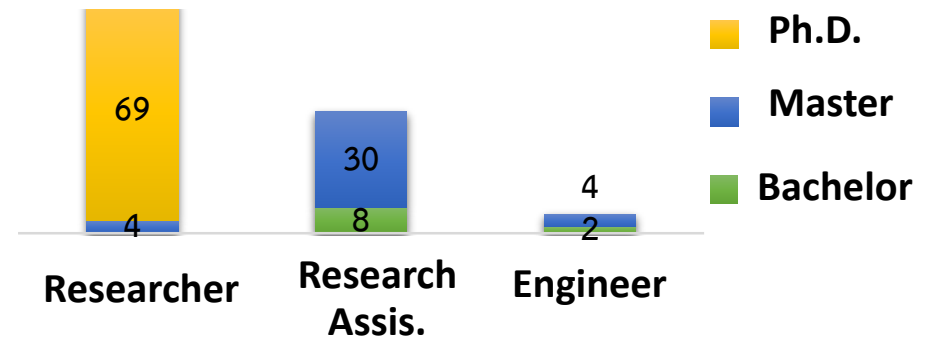
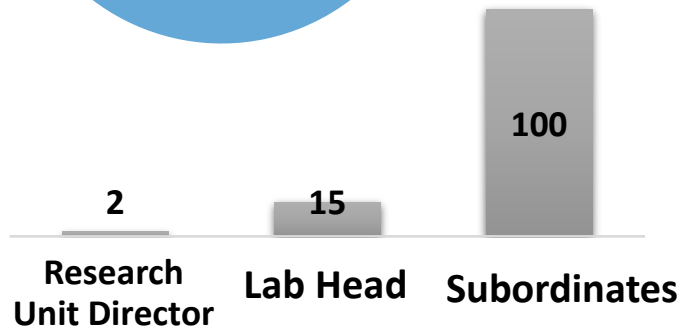
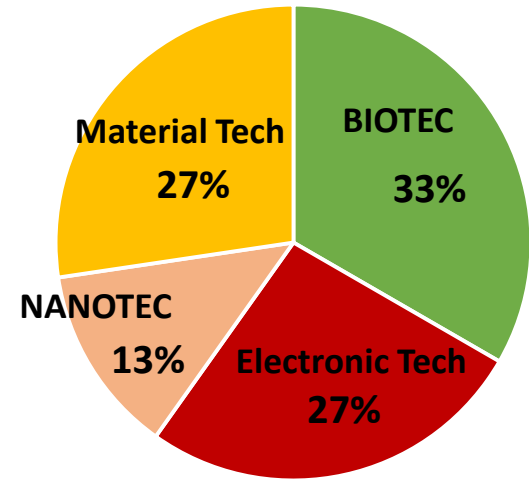
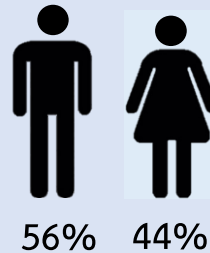
External via Evaluation form

@ Bangkok May 15, 18

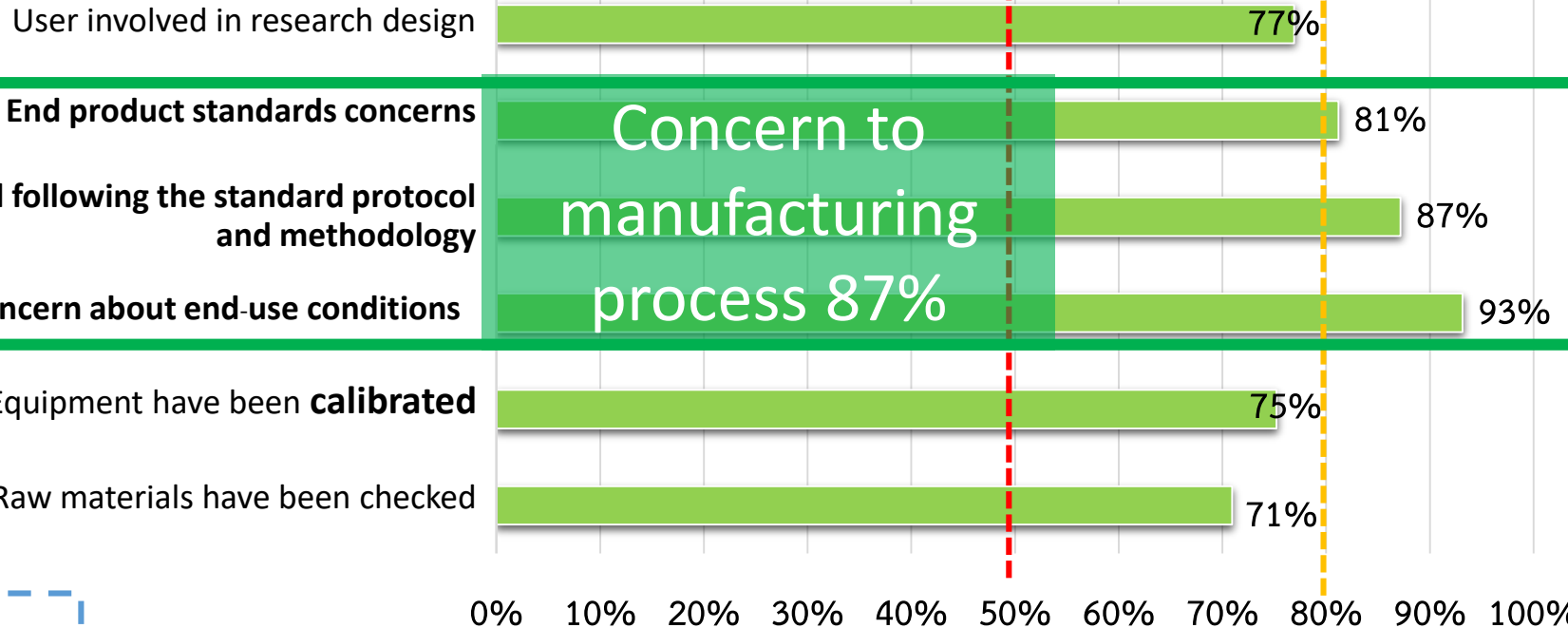
@ ChiangMai May 19, 18

NSTDA research
staffs

9.4%
surveyed

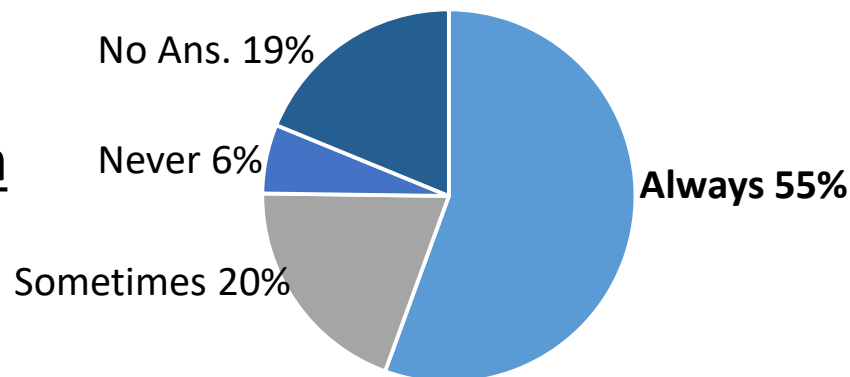


Research Preparation

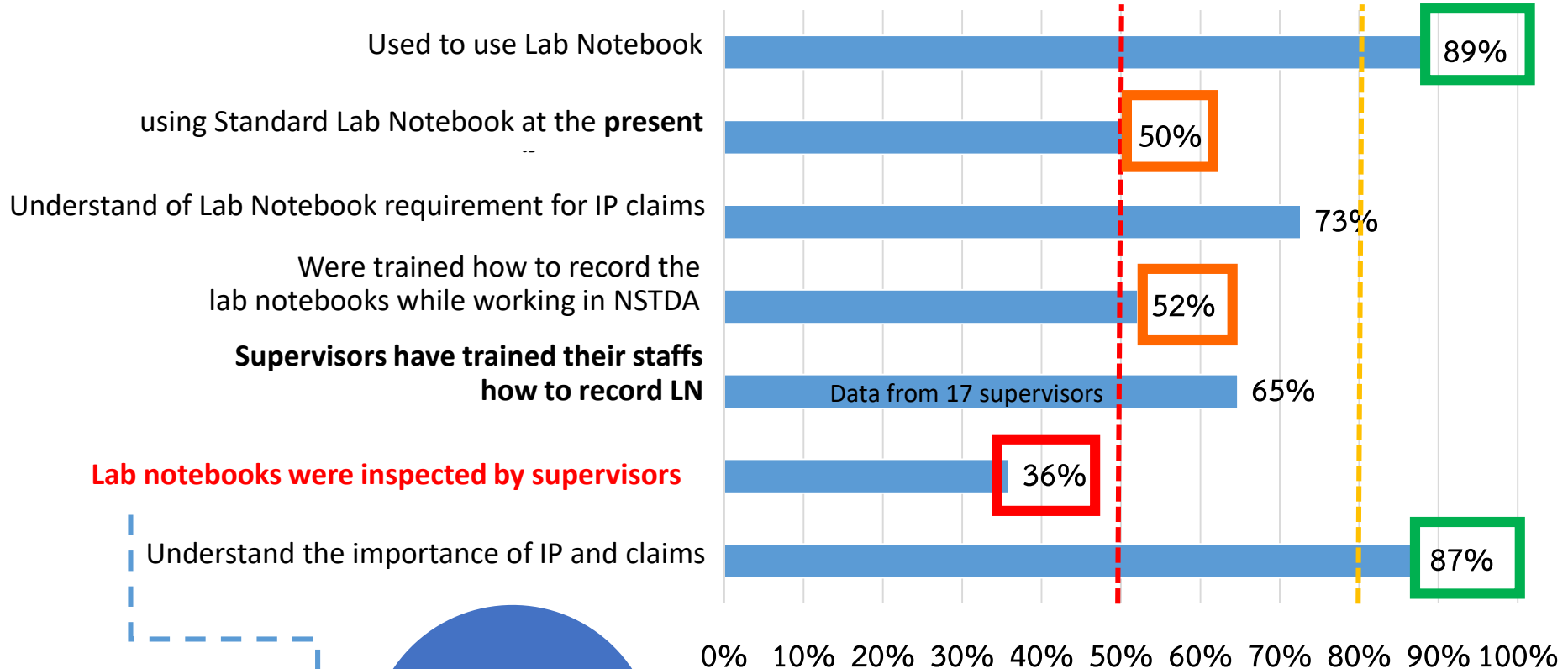


Concern to manufacturing process 87%

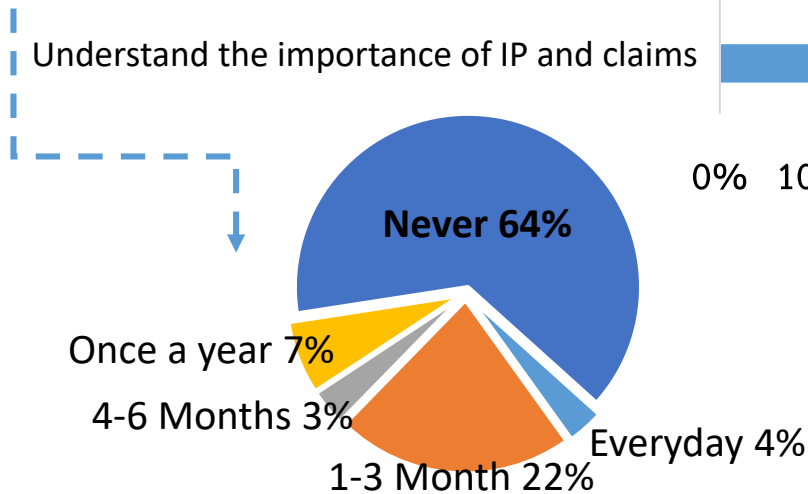
Calibration



Research Process

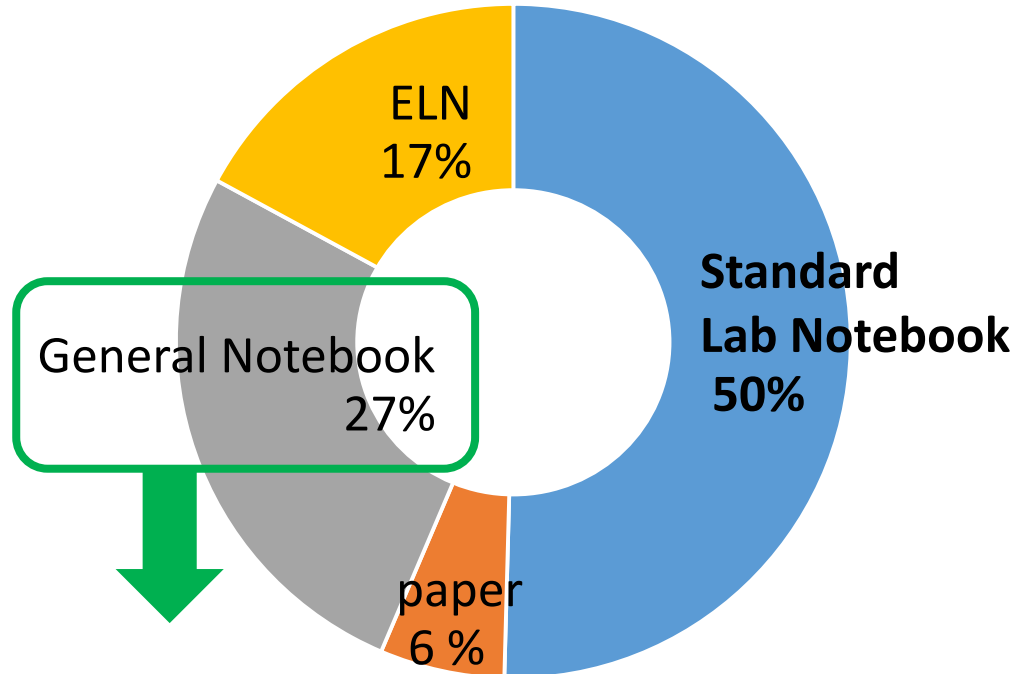


Lab notebooks were inspected by supervisors



- Already have weekly progress report
- Inspection when research finish
- Not possible to inspect everyday
- Don't use Lab Notebook

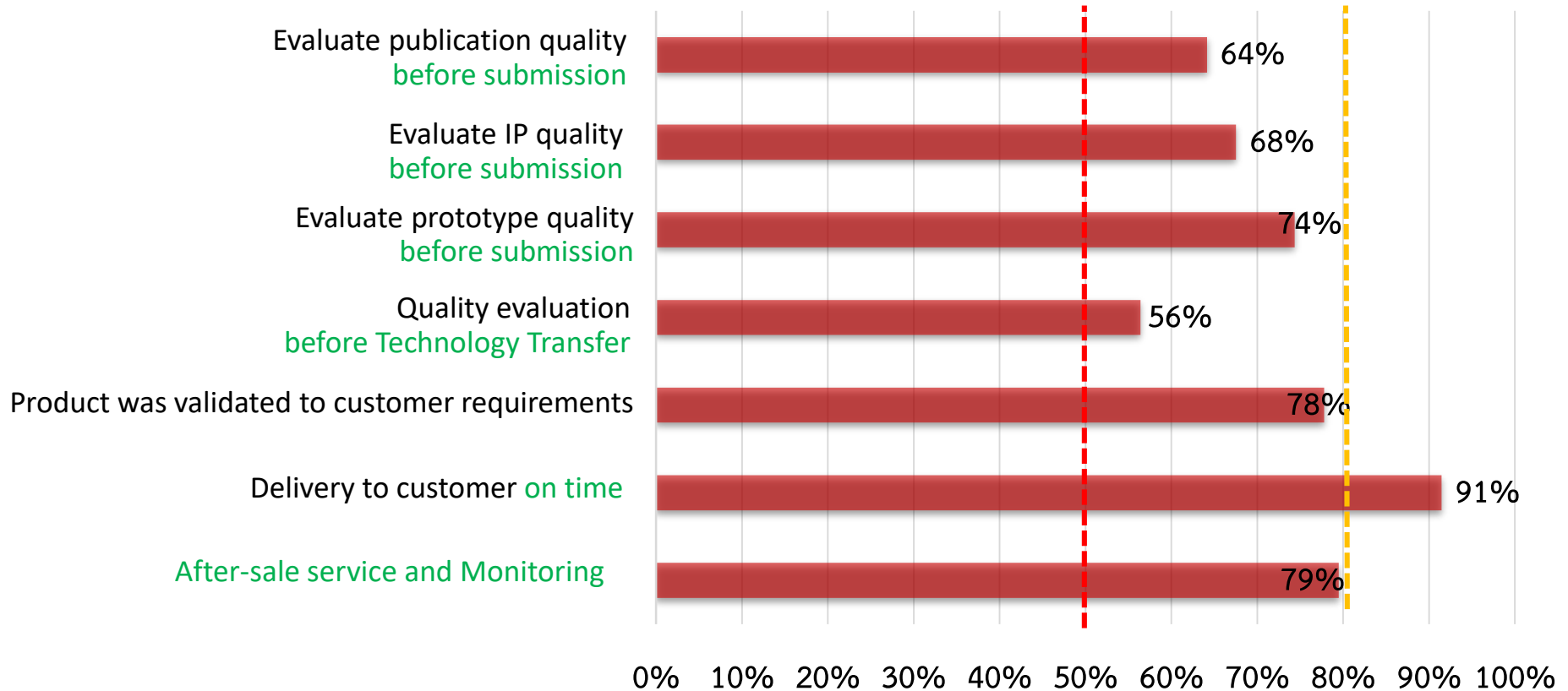
Using of Laboratory Notebook



Large no. in
Computer Scientists

- e-document application
- the lack of lab notebook recording training

Research Output Quality



Good practice of record keeping should be **promoted**



Need to record at least their **ideas, doings, and findings**



Formulating the **guidelines and training** in good research practices



Setting up RQM and ORI

2017

2018

2019

PR AND ADVOCACY

Promoting Responsible Conduct of Research

- National Dialogue
- Workshop in NSTDA
- Good Record Keeping knowledge sharing

- Good Record Keeping **policy and guideline**
- **Training course**

Thank you & Acknowledgement

NSTDA

Prof. Prasit Palittapongarnpim
Ms. Ansucha Prucksunand
& the survey respondents



Thank you

