

Managing Clinical Trial Data

In An Era Of
Abundant Information

A recent survey conducted by Pharma Intelligence, commissioned by Oracle Health Sciences, reveals the increasing volume and variety of data used in clinical trials has created a new set of data management and governance challenges, resulting in significant and costly problems. Here is a look at the current state of clinical trials, and a preview of the survey findings.

296,245

registered clinical trials
as of February 2019



69%

INCREASE
since 2015¹

47%

INCREASE in R&D spending at
leading biopharma companies
from 2011 - 2017²

The industry is
investing in more
complex trials



86%

More **endpoints** in
studies now compared
to studies conducted more
than a decade ago³

+3 DAYS

Rapid growth in eClinical data volume
and diversity has **extended the time**
it takes from last patient, last visit
database lock by **3 days**, from 2007-2017.

Survey respondents
confirmed legacy
technologies do not
meet the needs of
modern day clinical trials



50%

Use more than
six different data
sources for a
typical study

95%

Expend **manual**
effort to aggregate,
clean and transform
clinical trial data

81%

Identify **data governance**
as the biggest challenge
with clinical trial data
in meeting regulatory
compliance

The survey also uncovered
concerns about the future
of clinical trials



1/5

Are **most concerned**
about finding resources
to manage and clean
new data types

1/3

Think by 2024 the **management**
of **mHealth** data will be the most
urgent challenge

To learn more about the impact of legacy technologies on clinical trial efficiency, download the research report 'Challenges and Opportunities in Clinical Data Management' at: <http://bit.ly/ClinicalDataManagementReport>.

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Pharma intelligence
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Pharma Intelligence Custom Research on behalf of Oracle Health Sciences | Informa, 2018

Additional Sources:

¹<https://web.archive.org/web/20121115085611/https://clinicaltrials.gov/ct2/resources/trends> (As of February 03, 2019)

²<https://catalyst.phrma.org/phrma-member-companies-rd-investments-hit-record-high-in-2017-71.4-billion-0>

³<https://static1.squarespace.com/static/5a9eb0c8e2ccd1158288d8dc/t/5b4de77f758d46a039f157e6/1531832191693/julaug18-pr.pdf>

⁴<https://globenewswire.com/news-release/2018/01/09/1286051/0/en/eClinical-Data-Volume-and-Diversity-Pose-Increasing-Challenges-and-Delays-According-to-the-Tufts-Center-for-the-Study-of-Drug-Development.html>