

## What are the data sources used to create Trial Insights dashboards and reports?

The following public data sources are used to assemble Trial Insights dashboards and reports:

- ClinicalTrials.gov - primary source for clinical trial data elements and connected disease, intervention, sponsor and participating sites and investigators.
- NCBI PubMed - primary source for literature abstracts related to clinical trials and connected authors and investigators.
- CMS Open Payments (Sunshine Act) - primary source for sponsor payments to physician investigators and connected clinical trials.
- FDA Bioresearch Monitoring Information System (BMIS) - primary source for the date of a 1572 filing for an investigator participating in an interventional drug trial.
- NCBI PubChem - used to disambiguate compound and substance aliases and to suggest a consensus name for a drug name. We annotate trial documents with this information and index it for search.
- Therapeutic Target Database (TTD) - used to cross-reference drug names with associated drug targets found in the literature. We annotate trial documents with this information and index it for search.
- World Cities - the world cities database is used to correlate addresses connected to clinical trials and investigators with their associated latitude and longitude coordinates for location-based searching.

## Does Trial Insights import data from additional clinical trial registries aside from ClinicalTrials.gov?

No, ClinicalTrials.gov is currently the only source of clinical trials data.

We have investigated the European (EUDRA) and World Health Organization (WHO) International Clinical Trials Registry Platform registries and will prioritize their future inclusion based on customer demand.

## How frequently is the data provided by Trial Insights refreshed?

*Nightly:* We query ClinicalTrials.gov and PubMed every weeknight. The information from the previous day is immediately available in the next day's dashboard.

*Weekly:* On a weekly basis, we compile investigator records attached to clinical trials for the prior week and index them. During this weekly run we extend investigator records with associated PubMed records.

*Quarterly:* BMIS records are downloaded and processed quarterly.

*Annually:* Sunshine records are published by CMS annually in June for the prior calendar year. TTD is most commonly updated annually in the fall.

## Are there restrictions on how this public data can be used?

In general, there are no restrictions on the use of public data for information purposes.

All data used by Trial Insights is acquired from public sources with published download facilities. Use and rights of information obtained from public data sources is governed by the terms and conditions of the public source. Each dashboard produced by Trial Insights contains an appendix with links to the license agreement for the associated source.

The most restrictive covenant is provided by ClinicalTrials.gov: names and addresses of clinical trial investigators found in its archives should not be used for direct email marketing purposes.

*(Continued on reverse)*

**Drug names vary widely, even within a given pharmaceutical company portfolio.**

**How does Trial Insights handle drug names and synonyms?**

The integration of ClinicalTrials.gov with PubChem and TTD allows us to cross-reference sponsor supplied names with more than 70 million compound and substance names. Reporting on a series of clinical trials connected through a common drug name alias allows for comprehensive and informative dashboard reports.

**My company already uses (TrialTrove, GlobalData) for clinical intelligence.**

**When would Trial Insights be a better choice than one of these, and vice-versa?**

Trial Insights was created for a different purpose than either of those products.

Whereas databases provide sophisticated features and deep insight to blockbuster therapeutic areas, Trial Insights was built for rapidly rendering informative landscapes from personalized descriptions of therapeutic areas with comprehensiveness and precision.

Unlike databases, which provide a static, human-curated snapshot of a therapeutic landscape, Trial Insights uses on-demand analytics to establish a baseline, then monitors changes for you, freeing you to only interact with changes to the landscape.

Finally, Trial Insights output is affordable and actionable, allowing you to ask new questions and take action on constantly updated lists of competitors, partners and recruits.

**What are some types of data that Trial Insights offers that would be of interest or practical use to me or my company?**

Trial Insights presents companies with a number of actionable opportunities to drive business and innovation forward. Those opportunities include:

- Competitive Intelligence
- Accessible Key Opinion Leader data with exporting and filtering
- Sponsor data
- General trial overviews by trial phase
- Inclusion Criteria
- Biomarker & Companion Diagnostics
- And much more