

Title: Understanding Community Needs for ATLAS: Results of the June 2025 OHDSI Feature Use and Prioritization Survey

Submission Type: Poster Presentation

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Background:

ATLAS, the OHDSI web-based platform for defining and executing observational health studies, continues to evolve to meet the needs of a diverse and growing user base. To guide future development and ensure alignment with user priorities, a structured community survey was conducted in June 2025 to gather insights on how ATLAS features are currently used, perceived gaps, and preferences for future enhancements.

Objective:

To assess the usage patterns, satisfaction levels, and future needs of ATLAS users in the OHDSI community, and to inform the development roadmap based on aggregated user feedback.

Methods:

A web-based survey was distributed through OHDSI communication channels, including the forums and weekly community calls. The survey targeted users with direct experience in cohort definition, concept set creation, characterization, incidence analyses, and other ATLAS modules. Respondents were asked to rate their frequency of use, perceived importance, and desired improvements for various features. Quantitative responses were analyzed using descriptive statistics; free-text responses evaluated to identify common themes.

Results:

The poster will present a detailed breakdown of responses, including the most and least used features, key usability challenges, and community-identified priorities for new capabilities. Early analysis suggests varying patterns of use across disciplines and roles (e.g., epidemiologists vs data scientists), as well as high interest in enhanced cohort diagnostics, integration with external terminologies, and improvements in user interface design/performance. As we haven't received all responses or compiled complete results yet, a mockup of results will be presented here.

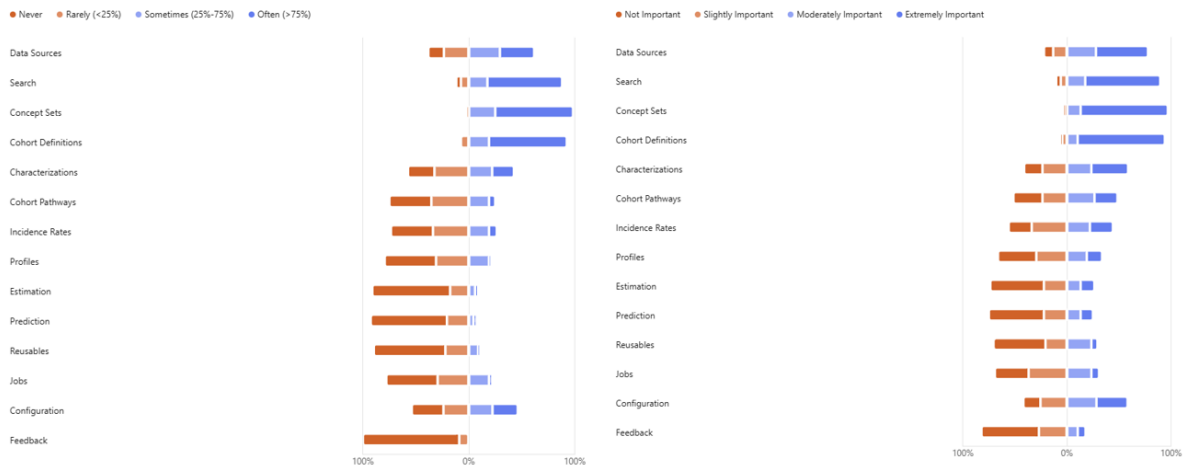
Example of report output:



Survey 1: Response Review

Link: <https://forms.cloud.microsoft/r/g4g8We4twU>

Total Responses: 78



In addition, we will compile user response and summarize key findings. GenAI will most likely be used to assist in this task.

Conclusion:

This poster will share key findings from the survey to support transparent community governance and foster discussion around the strategic direction of ATLAS development. These insights will help prioritize work by the OHDSI development community and encourage further community engagement in open-source tool advancement.