

Project Standup 3 Submission Document Group 4

(COS30045)

Overview

Summary for Project Standup 3 (Due: 21 Nov 2025).

1 Project Status: Achievements, Plans & Obstacles

1. What have you done on the Project since last time?

Area	Achievement
Data Pipeline	Finalized the KNIME workflow (datavisproj.knwf) to clean BITRE enforcement data. Filtered "no drugs detected" rows and normalized drug categories.
Dashboard	Implemented D3.js dashboard with five coordinated views: Temporal Trend, Jurisdiction Bar, Age Stacked Bar, Drug Type Bar, and Geographic Map.
Interaction	Added cross-filtering (clicking jurisdiction filters charts) and tooltips.
Docs	Drafted Introduction, Data Governance, and Design sections of Process Book.

2. What do you plan to complete before the next stand-up?

Task	Plan
Remoteness	Complete the visualization for Regional vs. Metro data.
Narrative	Polish the "scrollytelling" flow to better guide users.
Testing	Conduct usability testing for new interactions.
Report	Complete Evaluation and Conclusion sections.

3. What obstacles are you facing?

Obstacle	Detail
Granularity	Detailed location data (Lat/Long) only available for 2023–2024.
Complexity	Ensuring smooth transitions for "Evolution" chart when filtering.

2 Submission Text: Activity Log & Contributions

Section	Content to Copy
Done since last standup	Finalized KNIME data processing pipeline (cleaning, aggregation). Developed core D3.js dashboard with Trend, Map, and Demographic views. Implemented cross-filtering and responsive design. Drafted Intro, Data, and Design sections of Process Book.
To-dos before next	Finalize "Remoteness Area" visualization. Complete Process Book (Evaluation & Conclusion). Conduct final usability testing and polish UI styling.
Teamwork issues	None.
Contribution	Finding/working with data set: 20% (3.5 hours) Designing visualisation: 15% (2.5 hours) Writing Process Book: 20% (3.5 hours) Writing/researching code: 45% (6.5 hours)

3 Part 3: Visual Progress Evidence

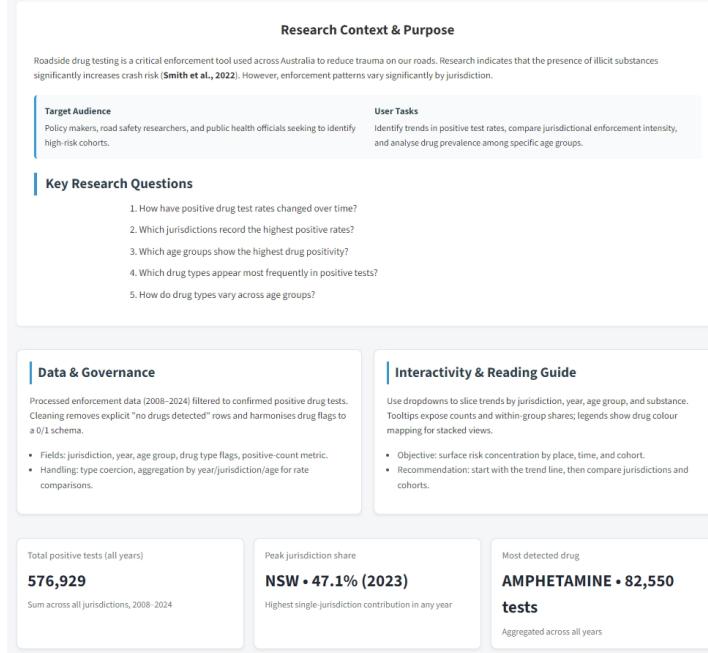


Figure 1: Project Summary Dashboard View

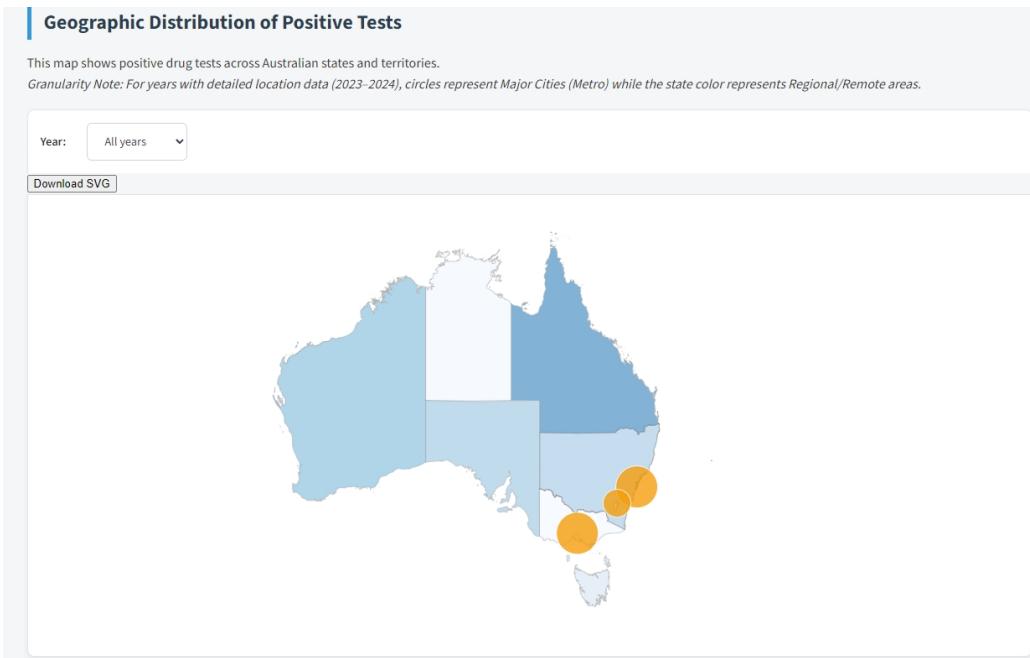


Figure 2: Geographic Distribution of Positive Tests