Increased Use of Enflux® as a Comprehensive Assessment Tool to Assist Faculty and Staff

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OBJECTIVE

- To describe expanding use of Enflux® as a comprehensive assessment tool to assist and empower faculty and staff and enhance student and programmatic success.

BACKGROUND

- A culture of assessment that incorporates data, facilitates communication, ensures accountability, and closes the feedback loop must be established for optimal outcomes.[1]
- Enflux® is a data analytics and academic support platform with various dashboards. This platform ingests data from ExamSoft®, (including question tagging data) onto dashboards that are easily interpretable allowing student data to be viewed individually, or by cohort.
- Other dashboards include Strategic Planning, CORE®, and the ACPE monitoring dashboard featuring filterable NAPLEX, MPJE, AACP Curriculum Quality Surveys, and historical PCOA data.
- An ActionPlan is a tool within Enflux® that allows documentation of tasks or actions and observations by taking a screenshot of data itself.[2] ActionPlans can be tasked to an individual or committee, have collaborators assigned, and are trackable on a dashboard.
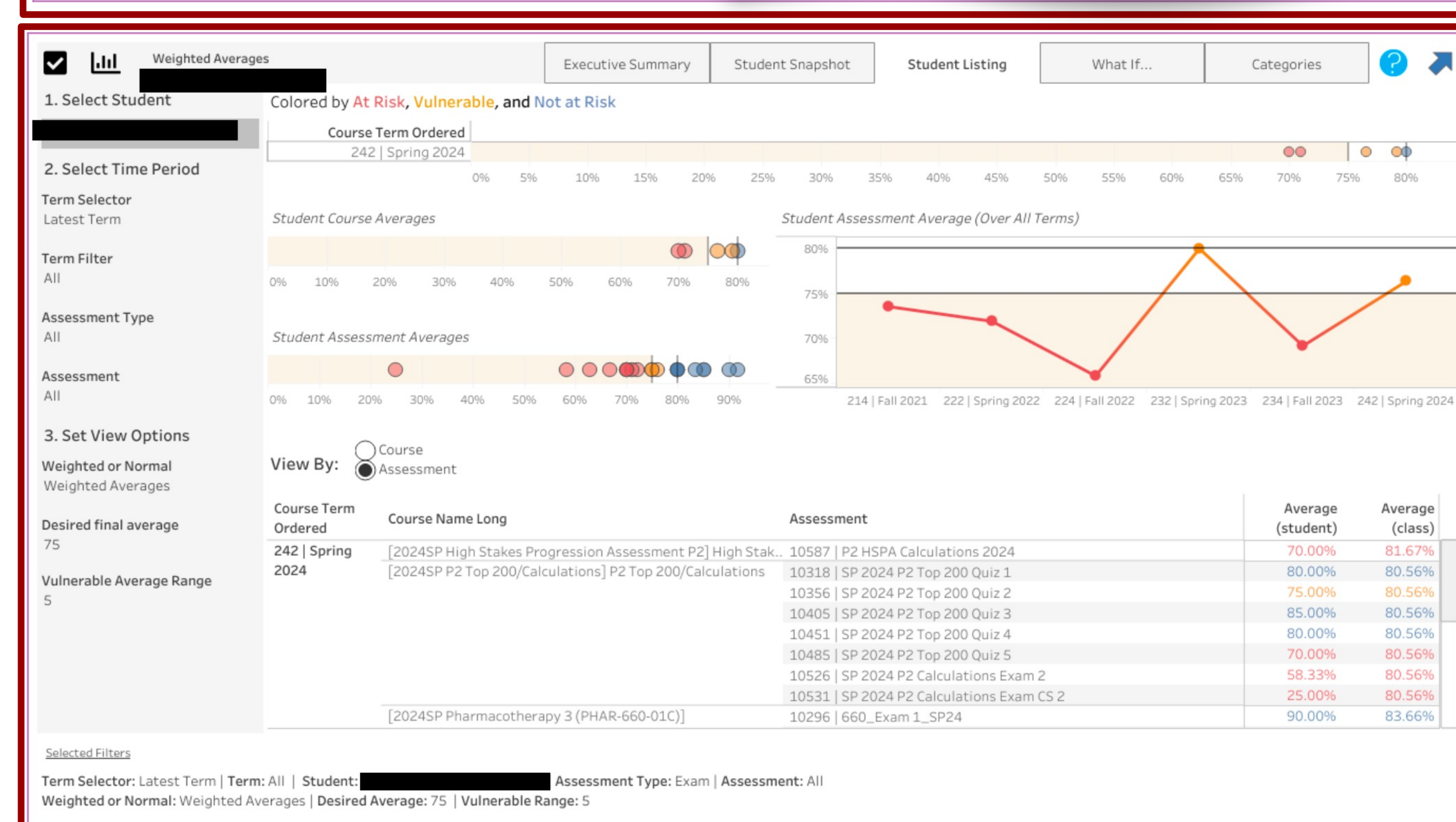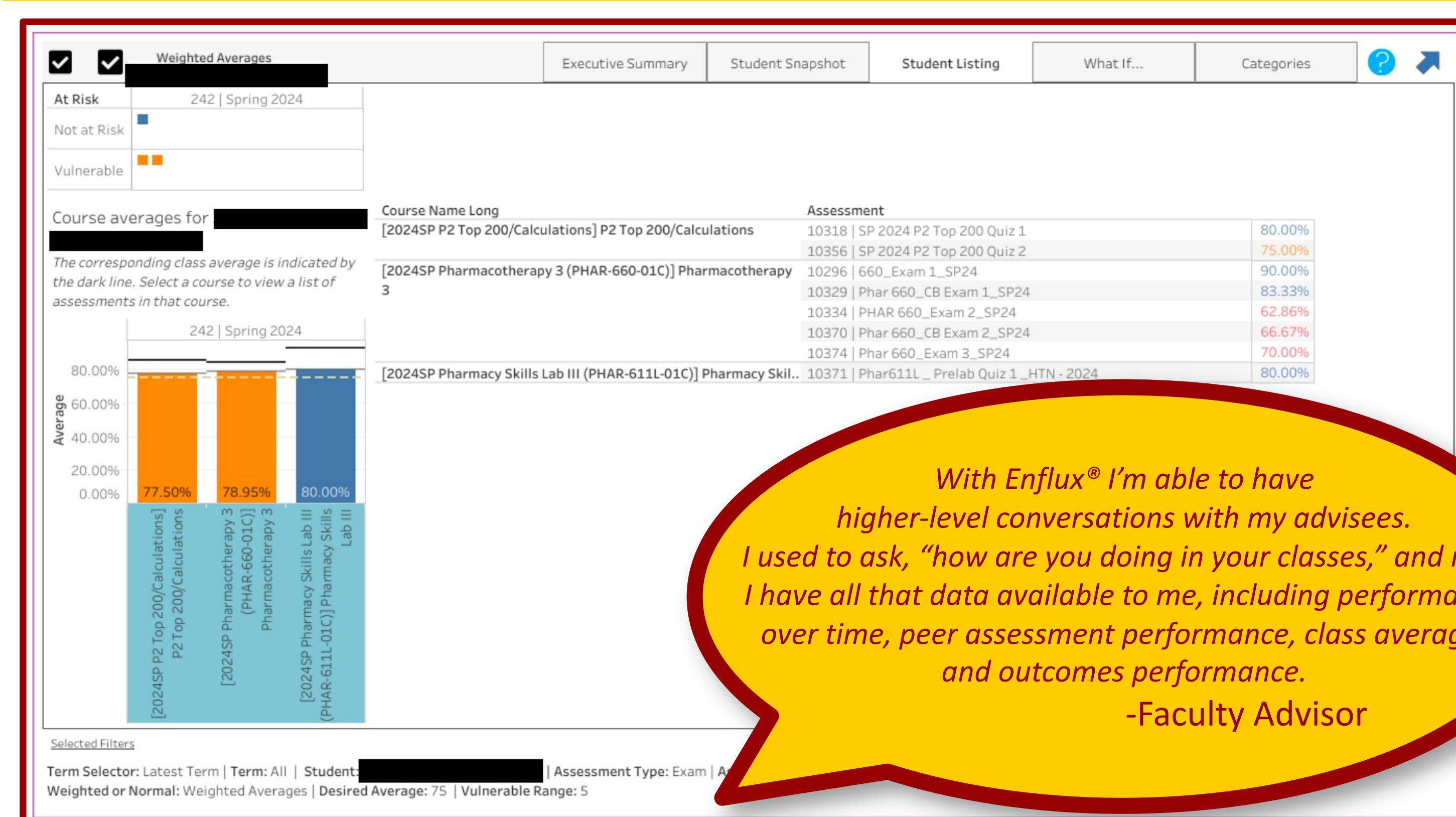
METHODS

- Enflux® was adopted by UCSOP in 2020-2021 and used primarily to strengthen student advising and early intervention.
- Through ongoing assessment and feedback, the early intervention process was continuously strengthened and standardized during subsequent academic years (Figure 1).
- Enflux® use for academic advising unveiled additional opportunities to expand application to assessment and workflow of school committees (Figure 2), annual faculty evaluations, experiential education, and the self-study process.
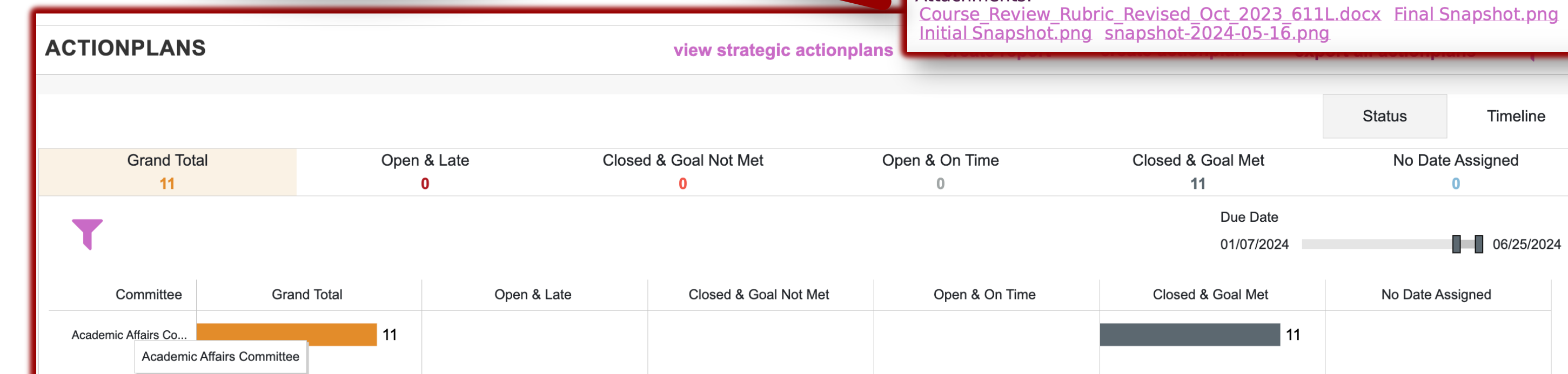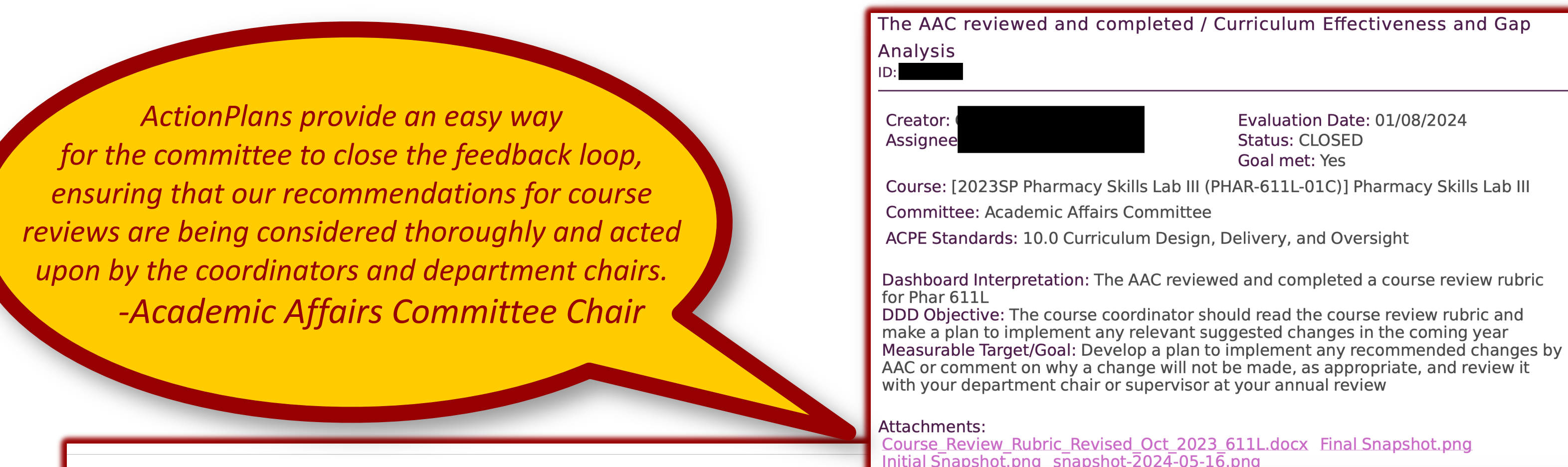
REFERENCES

1. Stratton TP, Janetski BK, Ray ME, Higginbotham MC, Lebovitz L, Martin BA. Academic Early Warning and Intervention Takes a Village [published online ahead of print, 2021 Oct 25]. *Am J Pharm Educ*. 2021;8743. doi:10.5688/ajpe8743
2. [Webinar] Introduction to Enflux. Enflux. https://enflux.com/88-2/. Updated June 6, 2019. Accessed July 8, 2022.

EXAMPLE Enflux® GALLERY

Enflux® Academic Advising Dashboard View with ExamSoft® Data (Figure 1)
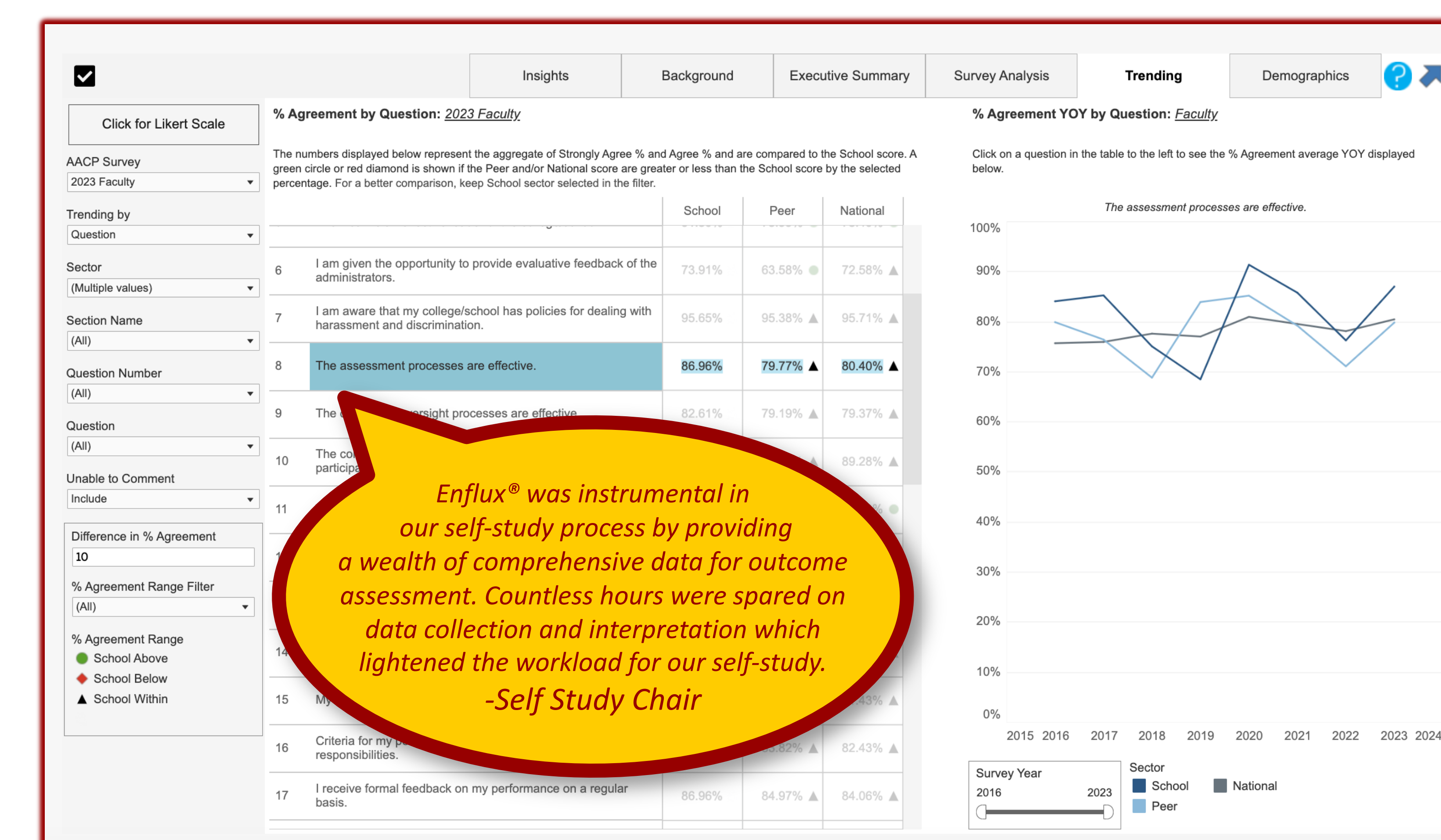

> With Enflux® I'm able to have higher-level conversations with my advisees. I used to ask, "how are you doing in your classes," and now I have all that data available to me, including performance over time, peer assessment performance, class average, and outcomes performance.
> -Faculty Advisor

ActionPlan Dashboard Use by Committee (Figure 2)

> ActionPlans provide an easy way for the committee to close the feedback loop, ensuring that our recommendations for course reviews are being considered thoroughly and acted upon by the coordinators and department chairs.
> -Academic Affairs Committee Chair

RESULTS

- Expanded Enflux® use streamlined access to multiple data points in a centralized location, expedient data analysis, and the ability to readily provide information to individual faculty.
- The data available for faculty to inform student advising resulted in more impactful and standardized advising and early intervention efforts.
- Use of Enflux® through committees created efficiencies for faculty, department chairs, and the executive committee to monitor progress and achieve strategic plan initiatives.
- Recent incorporation of CORE ELMS® dashboards provided data analysis previously completed by individual staff in the office of experiential education, thus impacting workload efficiency.
- Enflux® use throughout the self-study process facilitated access to data for all sub-committees and enhanced their review and analysis, further promoting faculty and staff utilization and collaboration (Figure 3).

Example AACP Curriculum Quality Survey Dashboard Utilized During Self-Study (Figure 3)

> Enflux® was instrumental in our self-study process by providing a wealth of comprehensive data for outcome assessment. Countless hours were spared on data collection and interpretation which lightened the workload for our self-study.
> -Self Study Chair

CONCLUSIONS

- The expanding use of Enflux® proves to be an invaluable tool to assist faculty and staff in promoting student and programmatic success.
- The dynamic dashboards allow rapid access to essential information that is filterable with the ability to easily compare data and trends within the program, with peers, and nationally.
- A comparable level of assessment without the availability of Enflux® would significantly increase workload and require additional personnel.