

Annual Estimate of Need for Intensive Care Coordination using Wraparound in Idaho, SFY 2025

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Executive Summary

Objective: The purpose of this report is to estimate the number of Idaho youth who are likely to need Intensive Care Coordination (ICC) delivered via high-quality Wraparound in Idaho state fiscal year (SFY) 2025. ICC is a case management service designed for youths with intensive mental health needs to ensure they receive accessible, coordinated care. ICC can be delivered in a variety of formats and at different levels of intensity. In Idaho, the most intensive level of ICC is delivered using the Wraparound model (hereafter "Wraparound"), which incorporates well-specified procedures and standardized quality monitoring. In order to monitor the State's progress toward delivering Wraparound to youths who need it, the Idaho Department of Health and Welfare, Division of Behavioral Health contracted with Boise State University to develop annual estimates of the need for Wraparound among Idaho youth. This report provides the estimate of Wraparound need among Idaho youth in SFY 2025.

Method: Using two methodologies developed in prior work, two projections of the number of Idaho youth who will likely need Wraparound in SFY 2025 were generated. The first methodology used a predictive analytic model developed through an analysis of Wraparound utilization data from 11 States and the incorporation of Idaho population characteristics. The second methodology analyzed aggregate Idaho administrative data on publicly-funded, out-of-home and inpatient mental health services from Quarters 1 through 4 of SFY 2024.

Results: Application of the predictive analytic model resulted in an estimate of 1,482 Idaho youth (318 per 100,000) who will likely need Wraparound in SFY 2025. Analysis of Idaho service utilization data for Quarters 1-4 of SFY 2024 yielded an estimate of 1,600 Idaho youth (343 per 100,000) who will likely need Wraparound in SFY 2025. These estimates are combined to generate an overall estimate of 1,541 Idaho youth (330 per 100,000) who will likely need Wraparound in SFY 2025. From SFY 2018 to SFY 2025, the projected number of Idaho youth who need Wraparound grew by 14%, reflecting growth in Idaho's youth population.

Conclusions and Recommendations: In SFY 2025, it is estimated that 1,541 Idaho youth will need Wraparound. These estimates provide benchmarks for monitoring Idaho's progress toward meeting the needs of youths with intensive mental health needs.

Date of Report: June 16, 2025

The purpose of this report is to estimate the number of Idaho youth who will likely need Intensive Care Coordination delivered via high-quality Wraparound (hereafter, 'Wraparound') in order to meet their mental health needs in State Fiscal Year (SFY) 2025. As described in prior reports, terms specified by the Jeff D. Settlement Agreement require the State of Idaho to implement a comprehensive and coordinated array of community-based mental health services to meet the needs of children with serious emotional disturbance (SED). To fulfill this charge, the Idaho Department of Health and Welfare (IDHW) has initiated a children's mental health program called Youth Empowerment Services (YES). One critical component of YES is Intensive Care Coordination (ICC), a case

management service intended to ensure mental health services for youths are accessible and coordinated. ICC can be delivered in a variety of formats and at different levels of intensity. The most intensive level of ICC occurs when it is implemented using the Wraparound model, which is a specific program model with demonstrated effectiveness and criteria for establishing fidelity (Olson et al., 2021). Wraparound is designed for youths with SED who experience the most severe needs and who require the most intensive support to remain in the community.

Beginning in 2023, IDHW contracted with Boise State University to develop annual estimates of the need for Wraparound among Idaho youth. The final report for SFY 2024 was delivered in June 2024 and

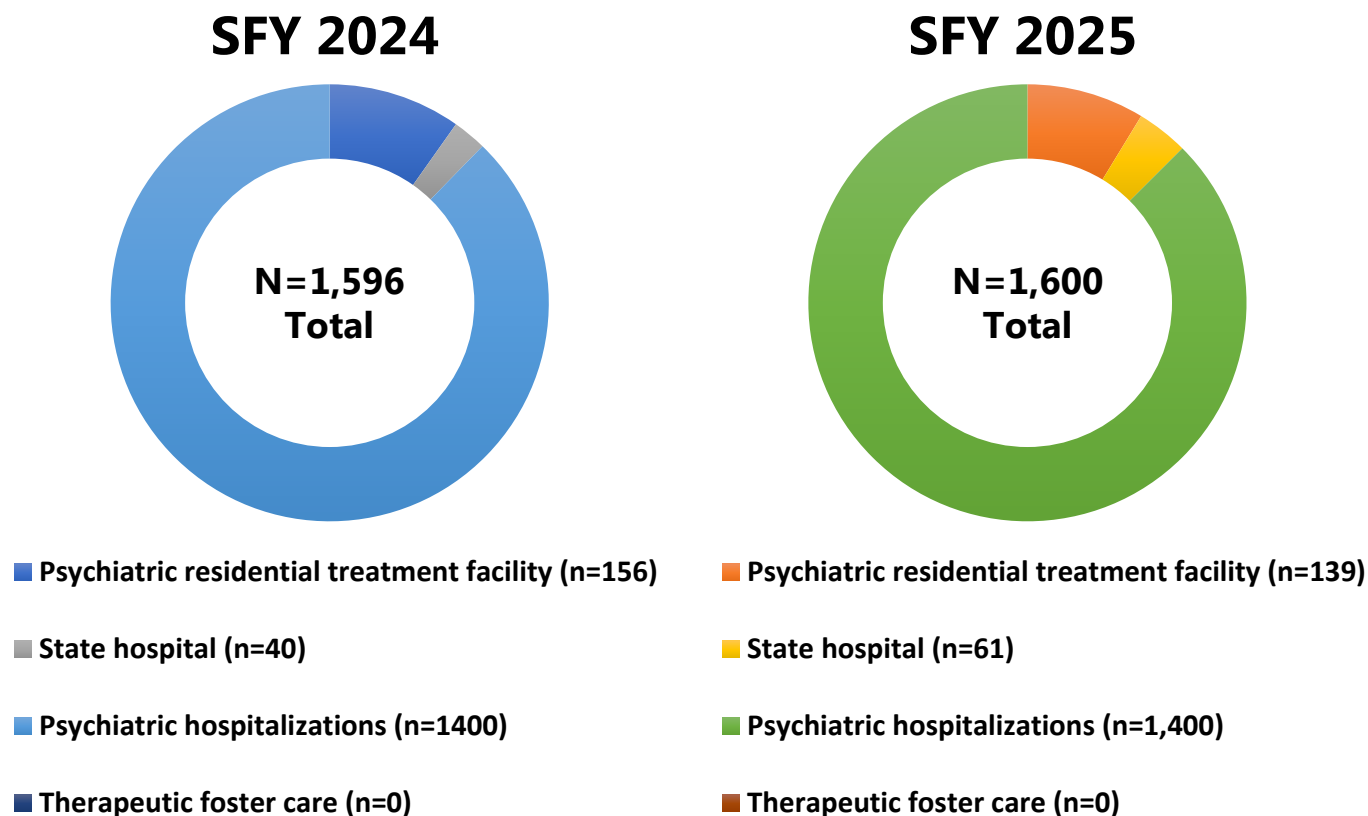
estimated that 1,536 Idaho youths would likely need Wraparound in SFY 2024. The purpose of this report is to provide an estimate of need for Wraparound in Idaho in SFY 2025.

Method

Consistent with prior reports, two methodologies were used to estimate the number of Idaho youth who are likely to need Wraparound in SFY 2025. Both methodologies were validated and extensively described in a prior report on the need for Wraparound among Idaho youth (see Williams, 2018). Here, we briefly summarize the two methods.

The first method employed a predictive analytic model based on Wraparound utilization data from 11 States (Williams, 2018). To generate

Figure 1 Projected Mental Health Out-of-Home and Psychiatric Inpatient Service Utilization among Idaho Youth, SFY 2024 and 2025

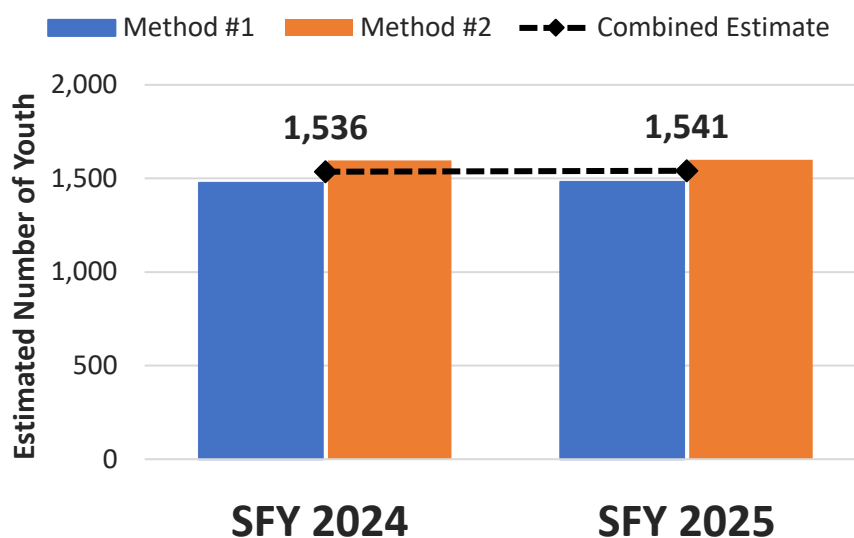


Note: SFY = State fiscal year. The SFY 2024 projection is based on a linear extrapolation of observed service utilization data from Quarters 1-2 of SFY 2024. The SFY 2025 projection is based on observed service utilization data from Quarters 1-4 of SFY 2024.

the projected need for Wraparound in Idaho in SFY 2025, the investigators incorporated the most up-to-date data on Idaho's youth population from the U.S. Census Bureau into the predictive analytic model and assumed full Wraparound program implementation. The U.S. Census Bureau updates its population estimates annually using the American Community Survey. For this analysis, we used the 2023 1-Year American Community Survey estimates of Idaho's under age 18 population. These are the most recent data available. These estimates indicated that Idaho's under age 18 youth population grew by 0.4% from last year to 466,391 (U.S. Census Bureau, 2024).

The second method estimated need for ICC based on an analysis of aggregate SFY 2024 Idaho youth mental health service utilization data. These aggregate data were provided by the IDHW Division of Behavioral Health via its Quality, Management, Improvement, and Accountability (QMIA) Quarterly report for Quarter 4, SFY 2024 (IDHW, 2024). This analytic method used the aggregate number of unduplicated service utilizers from SFY 2024 as estimates of anticipated service utilizers in SFY 2025. Services included in the analysis are those that represent out-of-home placements or that signify risk for out-of-home placement, in accordance with the validated algorithm. Services included in the analysis were: (a) placement in, or approved for placement in, a psychiatric residential treatment facility, (b) placement in therapeutic foster care, (c) placement in a State Hospital for psychiatric illness, and (d) experience of an inpatient psychiatric hospitalization. Notably, this method likely overestimates need for Wraparound since it cannot remove youths who are represented in the data multiple times due to use of multiple intensive services.

Figure 2 Projected Need for Wraparound among Idaho Youth by Method, SFY 2024 & SFY 2025



Note: SFY= state fiscal year.

Results

Predictive Analytic Model (Method #1)

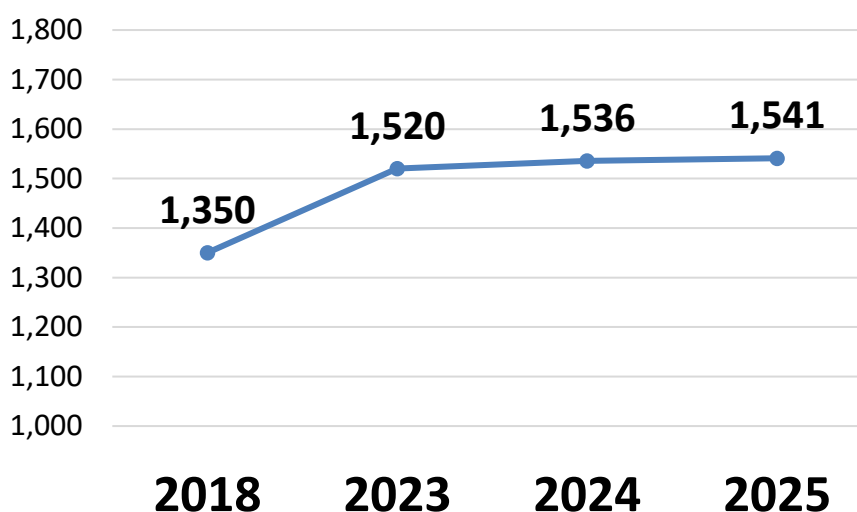
Results of the predictive analytic model indicated 1,482 Idaho youth will likely need Wraparound in SFY 2025. Consistent with the very small growth in U.S. Census Bureau estimates of Idaho's youth population from last

year, this represents a 0.4% increase in estimated need for Wraparound compared to the final Method #1 estimate from SFY 2024. This estimate predicts 318 Idaho youth per 100,000 likely need Wraparound.

Aggregate Service Utilization Data (Method #2)

Analysis of service utilization data for SFY 2024, Quarters 1-4, indicated

Figure 3 Trend in the Estimated Number of Idaho Youth who Need Wraparound, SFY 2018-2024



Note: SFY = State fiscal year.

1,600 Idaho youth, or 343 youth per 100,000, will likely need Wraparound in SFY 2025. This represents a 0.3% increase from the final SFY 2024 Method #2 estimate (see Figure 1).

Combined Estimate of Need for Wraparound among Idaho Youth

The two estimates of need for Wraparound generated by Method #1 and Method #2 are combined by taking their average. This results in an estimated 1,541 Idaho youth (330 per 100,000) who are likely to benefit from participating in Wraparound in SFY 2025.

Figure 2 shows the change from SFY 2024 to SFY 2025 in the estimated number of Idaho youth who likely need Wraparound, broken out by methodology. Both methods are consistent in predicting only a very small increase in need for Wraparound from SFY 2024 to SFY 2025.

Figure 3 shows how the combined estimate of need for Wraparound in Idaho has changed since Boise State University first developed these estimates in SFY 2018. From SFY 2018 to SFY 2023, the estimated need for Wraparound in Idaho increased by 13%, from 1,350 to 1,520, reflecting growth in Idaho's youth population. However, the estimate has remained relatively steady since then, with only slight increases during the ensuing years. From SFY 2018 to SFY 2025, the estimated number of Idaho youth who likely need Wraparound has increased by 14%. These estimates inform planning for Wraparound in Idaho. ■

Reports Committee. Retrieved June 2, 2025 at: https://yes.idaho.gov/wp-content/uploads/2024/10/QMIA-Quarterly-YES-Report-Q4-2024_FINAL.pdf.

Olson, J. R., Benjamin, P. H., Azman, A. A., Kellogg, M. A., Pullmann, M. D., Suter, J. C., & Bruns, E. J. (2021). Systematic review and meta-analysis: Effectiveness of Wraparound care coordination for children and adolescents. *Journal of the American Academy of Child & Adolescent Psychiatry*, 60(11), 1353-1356.

U.S. Census Bureau. 2023: American Community Survey (ACS) 1-Year Estimates Subject Tables (Table S0101: Age and Sex). Retrieved June 2, 2025 at: <https://data.census.gov/table/ACSST1Y2023.S0101?t=Age+and+Sex&q=040XX00US16>.

Williams, N. J. (2018). *Estimated need for intensive care coordination among Idaho youth*. Report to the Idaho Department of Health and Welfare, Division of Behavioral Health. Boise, ID: Boise State University.

References

Idaho Department of Health and Welfare (IDHW). *Youth empowerment services QMIA quarterly report, Q4, SFY 2024*. Boise, ID: Idaho Department of Health and Welfare, Division of Behavioral Health, Youth Empowerment Services Data and