Colorado Person-Centered Budget Algorithm (PCBA) Draft Workflow
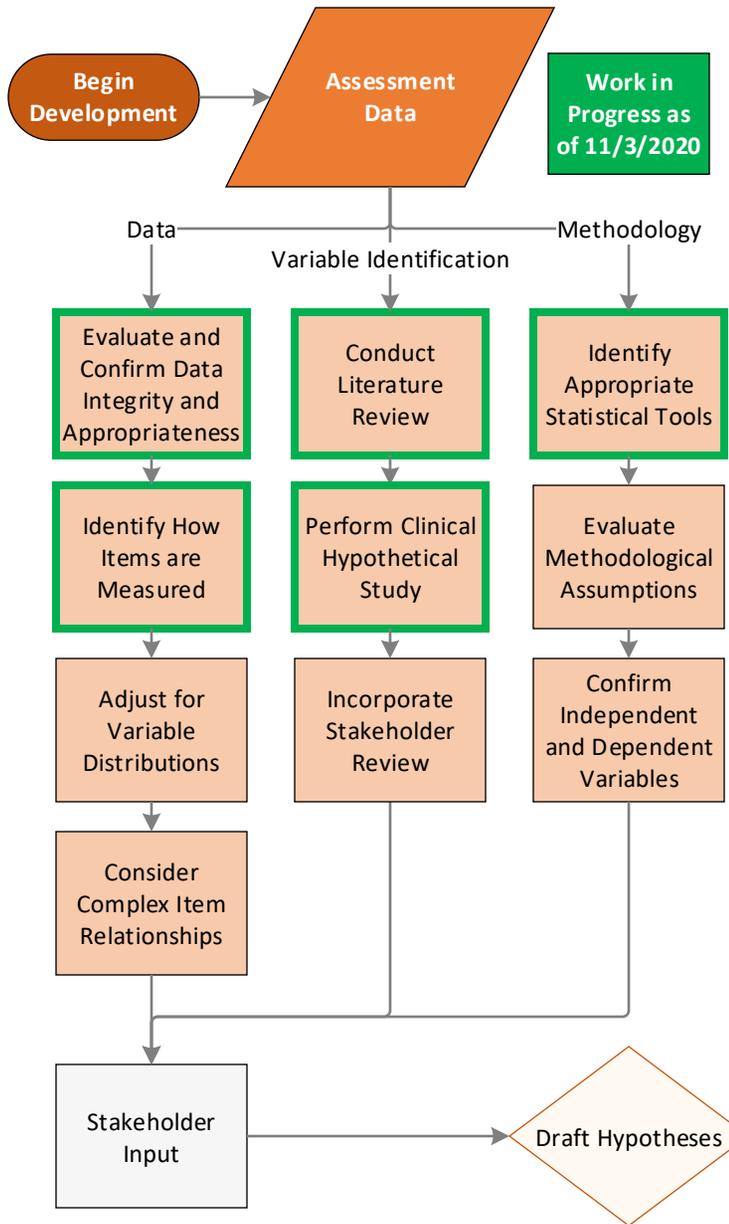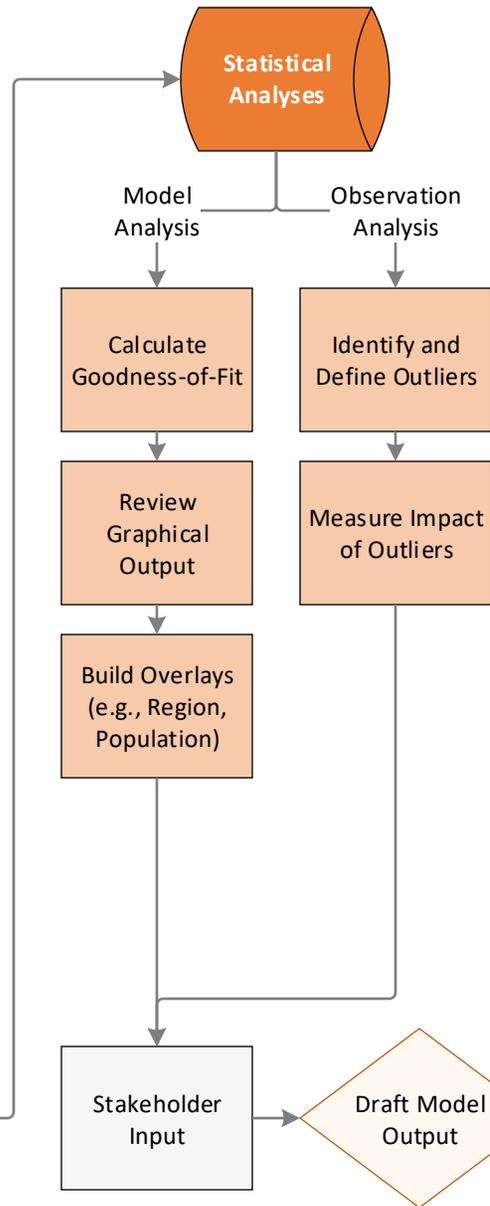

PCBA Development Stages

Hypothesis

- Begin Development
- Assessment Data
- Work in Progress as of 11/3/2020

Data — **Variable Identification** — **Methodology**

- Evaluate and Confirm Data Integrity and Appropriateness → Identify How Items are Measured → Adjust for Variable Distributions → Consider Complex Item Relationships
- Conduct Literature Review → Perform Clinical Hypothetical Study → Incorporate Stakeholder Review
- Identify Appropriate Statistical Tools → Evaluate Methodological Assumptions → Confirm Independent and Dependent Variables
- Stakeholder Input → Draft Hypotheses

Testing

- Statistical Analyses

Model Analysis — **Observation Analysis**

- Calculate Goodness-of-Fit → Review Graphical Output → Build Overlays (e.g., Region, Population)
- Identify and Define Outliers → Measure Impact of Outliers
- Stakeholder Input → Draft Model Output

Refinement

- Model Refinement
- Analyze Output Estimates → Develop Tiers → Examine Potential Overlaps → Perform Model Validation
- Stakeholder Input → Draft PCBA Complete