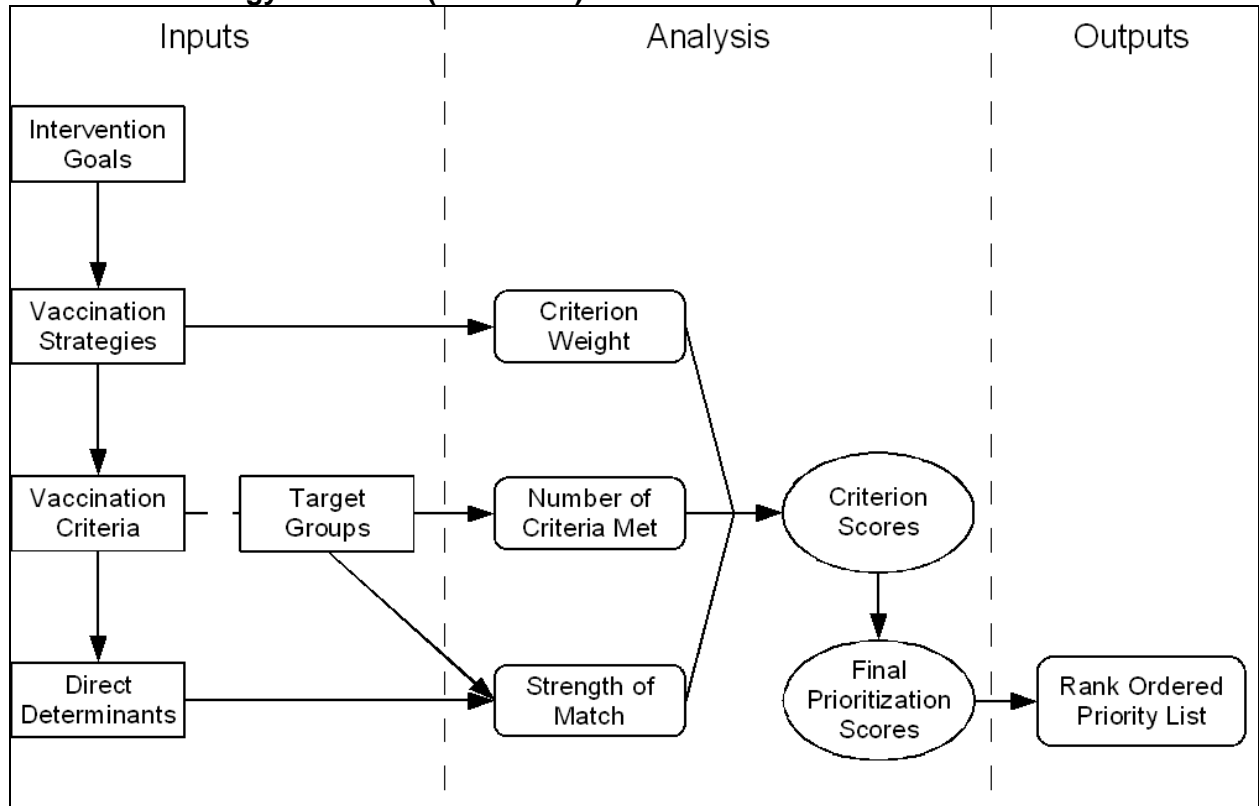


Decision Analysis Scoring Tool (DAST) Methodology

DAST Methodology Overview (Flowchart)



This figure demonstrates how the DAST methodology results in the creation of a rank-ordered priority list. The DAST methodology is comprised of four stages.

- Stage 1.** The DAST inputs (e.g. intervention goals, vaccination strategies, vaccination criteria, direct determinants, and target groups) are identified and defined in successive steps.
- Stage 2.** The DAST survey is developed and administered to determine the importance of the criteria and to assess how well each target group meets the criteria. In addition, the DAST scoring method is established. A target group's score is based on (1) the criteria weights; (2) the strength of match with a given criterion; and (3) the number of criteria met.
- Stage 3.** The survey results are analyzed to develop the rank ordered priority list. The criterion scores for each target group are summed to produce the final prioritization score. These scores are rearranged into a rank-ordered list of priority groups.
- Stage 4.** In the fourth stage (*not shown*); the DAST results are evaluated on multiple implementation criteria to build an optimal vaccine implementation strategy.

The Table below outlines the DAST methodology. Each of these stages and steps is discussed in greater detail in the vaccination plan and the supplemental documents.

DAST Methodology	
Stage	Steps
Stage 1. Identify and define DAST inputs	<ol style="list-style-type: none"> 1. Identify intervention goals 2. Select vaccination strategies 3. Develop vaccination criteria 4. Identify direct determinants of each criterion 5. Identify target population groups
Stage 2. Develop and administer DAST survey	<ol style="list-style-type: none"> 1. Develop DAST survey 2. Establish prioritization calculation method 3. Administer survey
Stage 3. Analyze DAST results and develop priority list	<ol style="list-style-type: none"> 1. Analyze DAST survey results 2. Rank-order target population groups 3. Perform sensitivity analysis
Stage 4. Recommend implementation strategy	<ol style="list-style-type: none"> 1. Identify implementation options 2. Identify implementation criteria 3. Recommend optimal implementation strategy