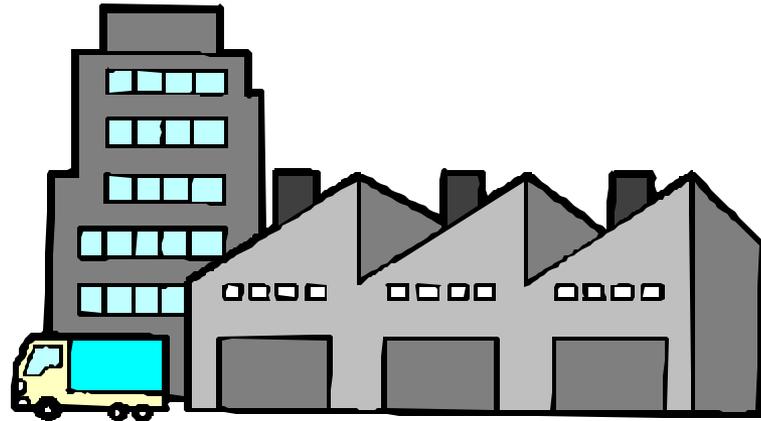




Capacity Analysis

- Definitions
- Physical Capacity Analysis
- Functional Capacity Analysis
- Components of Capacity
- Summary

DCN: 10257





Capacity Analysis

Definitions

Capacity: The facility or power to produce, perform, or deploy.

Merriam-Webster's Online Dictionary, 10th Edition

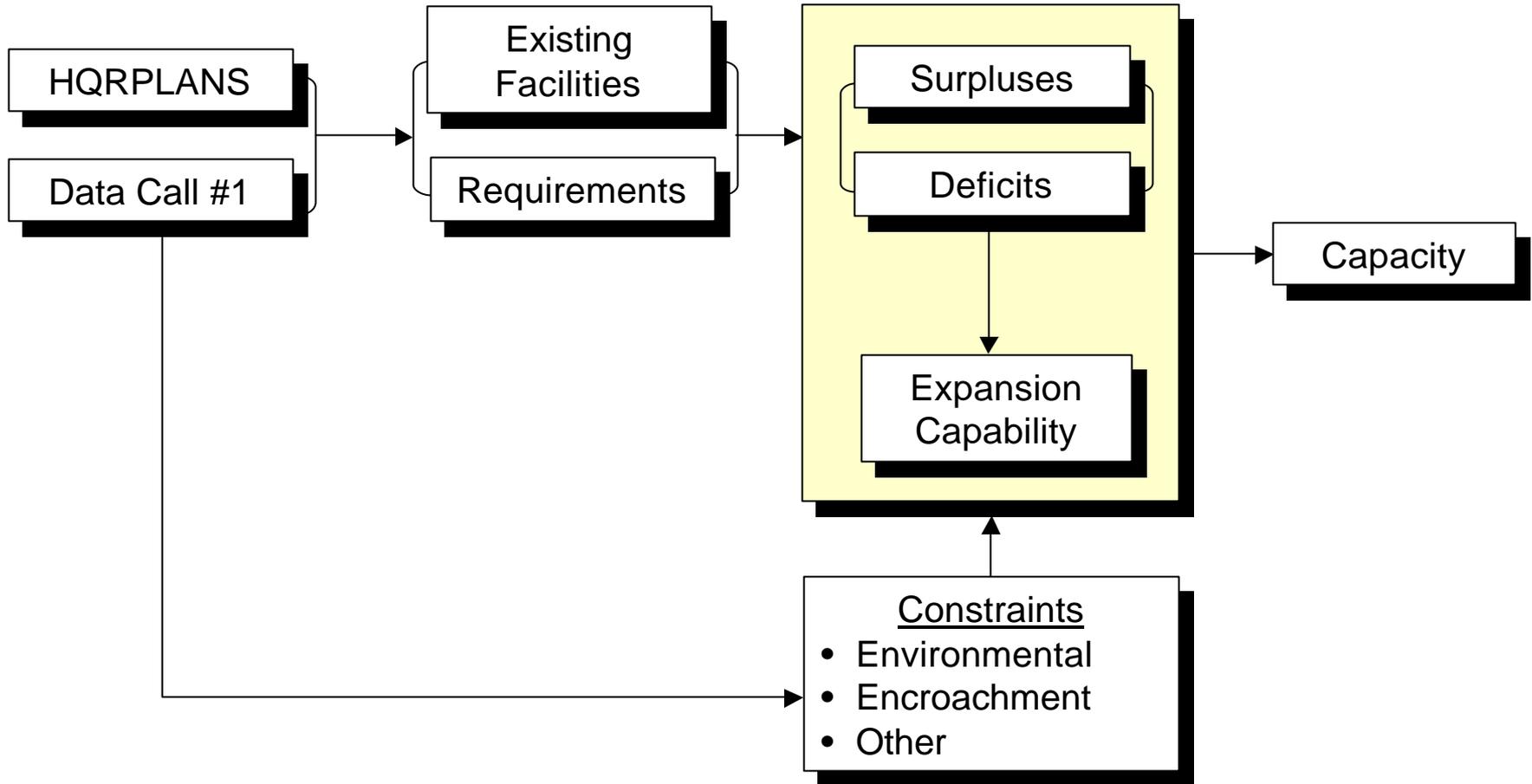
We Approach Capacity Analyses In Two Ways:

1. Static--Physical Capacity: A measure of an installation's capacity in terms of essential facilities.
2. Dynamic--Functional Capacity: A measure of the Army's capacity in terms of critical functions.



Static Capacity Analysis

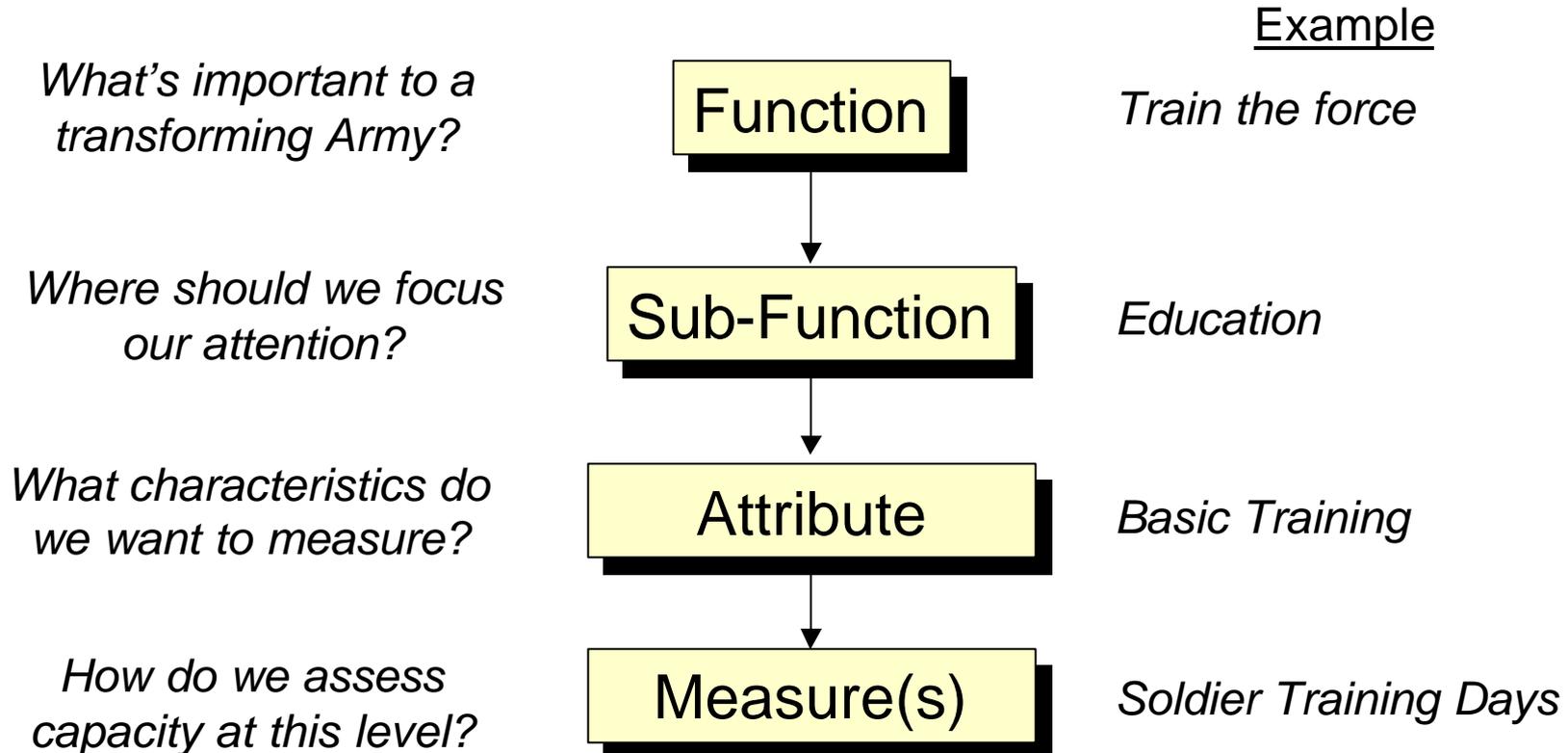
Focused on Facilities





Dynamic Capacity Analysis

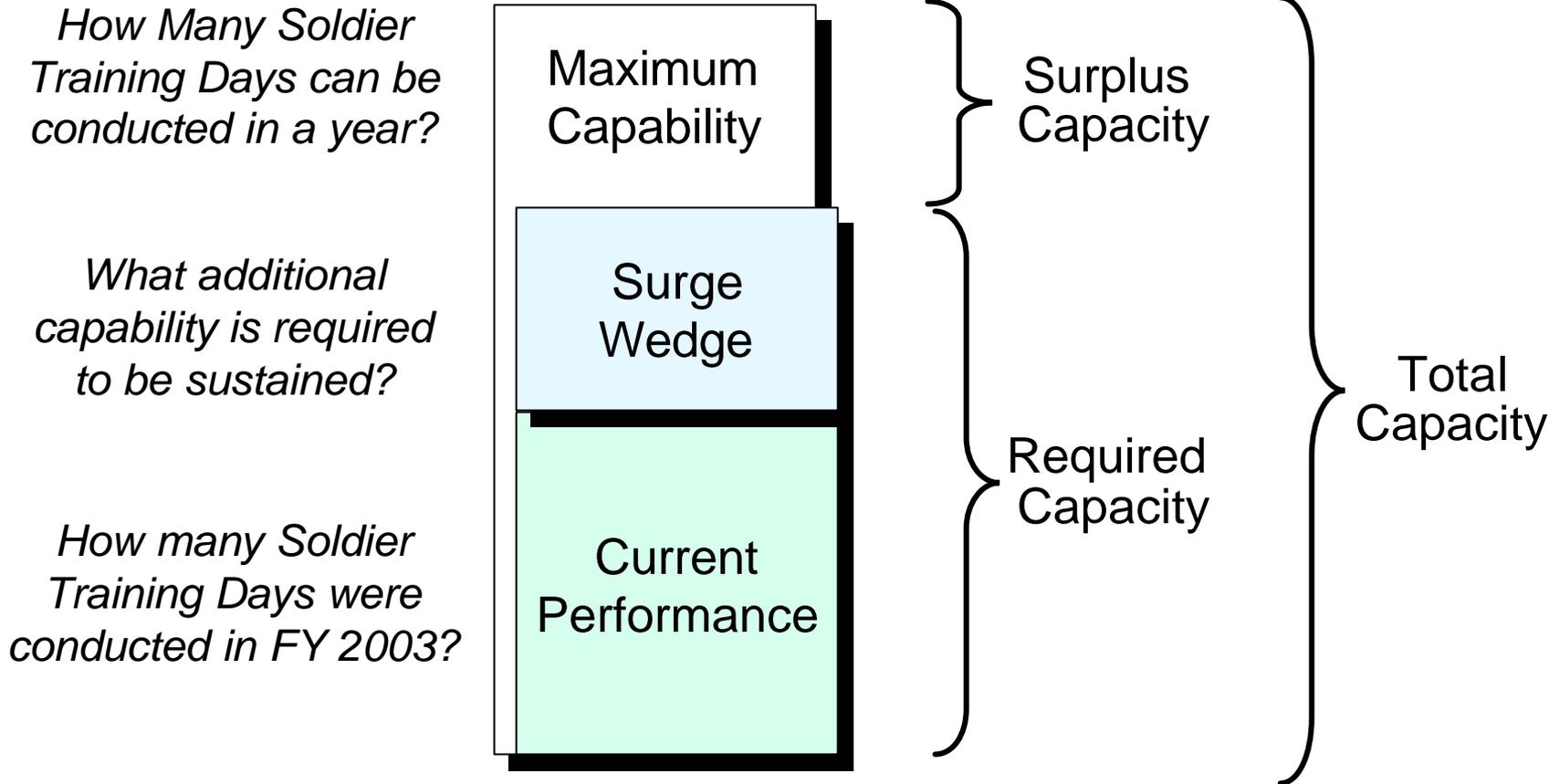
Focused on Functions





Dynamic Capacity Analysis

The Three Components of Capacity





Dynamic Capacity Analysis

Determining the Surge Wedge

What additional capability is required to be sustained?

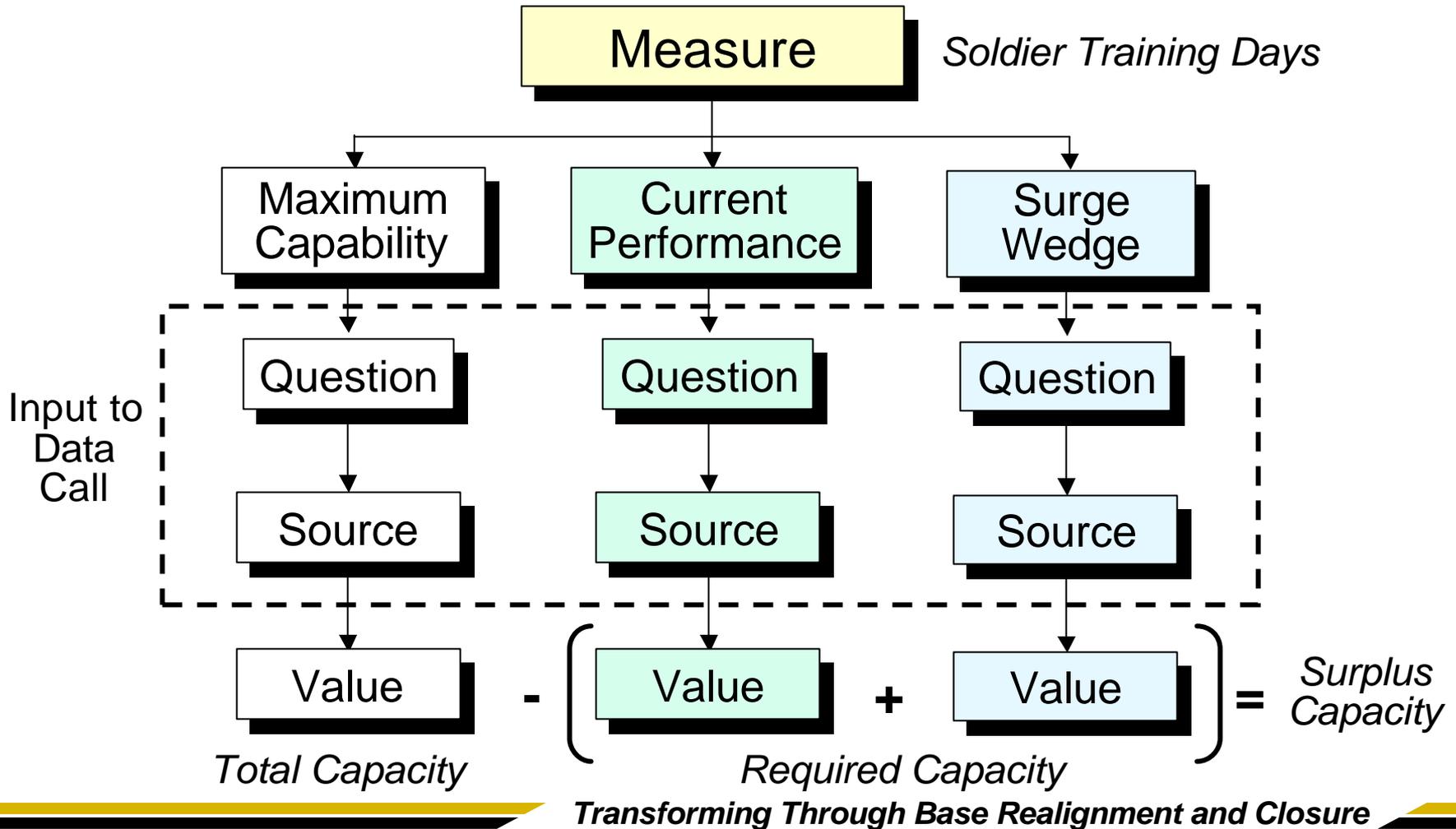
Surge
Wedge

- ✓ Matched to War Planning Guidance [e.g., the Mobilization Army Program for Individual Training (MOB ARPRINT) is the Army's principle mission document for the expansion of the training base to meet wartime requirements].
- ✓ If guidance does not exist, then assumptions for surge (i.e., strategic reserve) must be developed and approved by the functional proponents.



Dynamic Capacity Analysis

Defining the Data Element





Capacity Analysis

Summary

Two Perspectives—Static & Dynamic

- ✓ *Static Capacity* provides a physical baseline of an installation's capabilities—primary use is to identify surplus facilities.
- ✓ *Dynamic Capacity* provides the analyst with a scorecard on the Army's ability to perform critical functions—primary use is to support development of transformational scenarios.