

TOP-DOWN

PROS

- * Comprehensiveness
- * Economy-wide analysis
- * System-level comparison
- * Publicly available data
- * Reproducible results
- * Assessment of future product development

CONS

- * Aggregated data
- * Process analysis difficult
- * Reliance on financial data
- * Imports treated as domestic products
- * Lack of physical data
- * Data uncertainty

BOTTOM-UP

- * Detail and specificity
- * Comparison of specific products or processes
- * Identifies process improvements
- * Assessment of future product development

- * Subjective system boundary
- * Time intensive and costly
- * Difficult to apply to new product or process
- * Lack of data or reliance on proprietary data
- * Reproducibility of results
- * Data uncertainty