

Cost Estimating and Analysis

Economic and Business Analysis

In today's budget-minded world, it's one thing to formulate an important program... another to justify its costs. From start to finish, you must know "the numbers" and the factors that drive them. And you must be confident. What you want are seasoned analysts—those who understand your business and needs well enough to unearth every cost element and derive accurate results. You want proven experts and reliable cost models.

Why Booz Allen

Government agencies have established key programs based on the cost analyses and recommendations of Booz Allen Hamilton, a strategy and technology consulting firm. We use advanced estimating and cost modeling tools to help decision makers identify cost drivers and mitigate risks, meet funding objectives, and ensure program affordability.

Our Services and Approach

Our models and experts can help your organization:

- Develop accurate and complete cost estimates over your program's life cycle
- Pinpoint valuable savings initiatives
- Demonstrate the economic viability of program investment
- Respond accurately to budget scrutiny and requests
- Establish credibility throughout the budget process

About Booz Allen

Booz Allen Hamilton has been at the forefront of management consulting for businesses and governments for more than 90 years. Providing consulting services in strategy, operations, organization and change, and information technology, Booz Allen is the one firm that helps clients solve their toughest problems, working by their side to help them achieve their missions. Booz Allen is committed to delivering results that endure.

For more information contact

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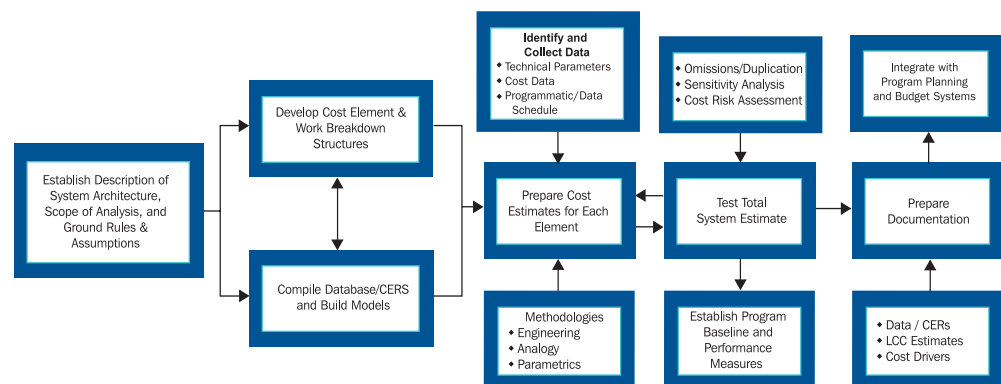
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Life-cycle cost estimating process



Booz Allen provides the full range of cost estimating and analysis services:

- Life-cycle cost (LCC) and total ownership cost (TOC) estimating
- IT hardware and software estimating
- Analysis of alternatives (AOA) studies
- Cost-benefit analysis
- Cost as an independent variable (CAIV) analysis
- Business case development
- Cost estimating relationship (CER) and parametric derivations
- Cost risk, uncertainty, and sensitivity analyses
- LCC impact and cost-benefit ratio for engineering change proposals
- Capital asset planning
- Pricing strategies and fee-for-service determinations
- Activity-based costing/management (ABC/ABM)

Cost Estimating and Analysis

- Outsourcing, privatization, and lease/purchase assessments
- Development and delivery of:
 - Program LCC estimates
 - Cost estimating models and databases
 - Cost estimating relationships (CER)
 - Cost analysis requirement descriptions (CARD)
 - Cost as an independent variable (CAIV)
- Trade studies
 - TOC reduction plans
 - Cost/performance trade studies

Booz Allen addresses the entire scope of your program, including system development, maintenance, contractor involvement, acquisition, installation, training, and more. Working side by side with your technical and program management staff, we develop a baseline description of both your program and its cost elements. We then employ advanced techniques and models to estimate costs and validate them for completeness, accuracy, and consistency. Along with other methods, we develop and employ parametric cost estimating models that can analyze “what if” scenarios for any cost element.

Booz Allen has served clients across the spectrum in defense and government—experience that gives us a fundamental understanding of the challenges and opportunities inherent in each field. We have one of the largest cadres of Certified Cost Estimators/Analysts in the nation and possess a robust suite of state-of-the-art estimating models, knowledge bases, and applications. We are formally trained and licensed users of advanced tools such as:

- Software cost estimating models (SEER-SEM)
- Hardware cost estimating models (SEER-H)
- Automated Cost Estimating Integrated Tools (ACEIT)
- Crystal Ball (cost risk analysis model)
- Gartner Group’s TCO Manager
- Decision-making support applications (Team Expert Choice, Logical Decisions for Windows)

Representative Clients

Defense/Intelligence community:

- Navy/Marine Corps Intranet Program
- National Missile Defense Program
- National Security Agency IT Infrastructure Outsourcing
- Space and Naval Warfare Systems Command (SPAWAR)
- Marine Corps/MARCORPSYSCOM
- Air Force Materiel Command (AFMC)
- Air Force Research Laboratory (AFRL)
- Naval Air Systems Command (NAVAIR)
- Naval Sea Systems Command (NAVSEA)
- Space and Missile Systems Center (SMC)

Civilian sector clients:

- NASA International Space Station Program
- US Bureau of the Census 2000 Decennial Census
- United States Senate
- NASA Integrated Financial Management Program (IFMP)
- Department of Justice
- Department of Veteran Affairs