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ANALYSIS OF GLOBAL SPACE BUDGETS AND REVENUE

Abstract

In the midst of the worst global economic meltdown in modern history, the Space Foundation estimates that global space industry experienced substantial growth in 2009. Precise estimates for commercial space revenue and government budgets are provided to show growth trends over the past year. This paper presents the Space Foundation's findings in **The Space Report 2010**, describing figures and trends with regard to civil and military government budgets as well as commercial revenue from space-activities in countries around the world.

An examination of a variety of space economy sectors shows the dynamic nature of the industry. This paper examines trends in space infrastructure, space products and services, and government space budgets, providing estimates of total 2009 spending and revenues as well as analysis of which activities and applications are driving growth. Analysis of space infrastructure includes descriptions of economic trends within the launch industry, satellite manufacturing, in-space platforms, ground equipment, infrastructure support industries, and aerospace infrastructure international trade. Space products and services includes commercial satellite services, which is broken into multiple types of communications services, as well as Earth observation, satellite positioning, and in-space activities. The government space budget sector, which examines both civil and military spending, includes analysis of the budgets of sixteen national and international organizations. Detailed analysis of each of these sectors shows that commercial satellite services, commercial infrastructure, the U.S. government space budget, and international government space budgets are the biggest contributors to the global space economy.

The data and analysis of the space economy provided by the Space Foundation in **The Space Report 2010** offers insight by providing revenue and budget figures as well as the growth drivers and underlying trends for space infrastructure, space products and services, and government space budgets. Data is derived from publicly available commercial revenue reports and government budget sources. Forecasts and projections from industry research firms and other open sources are included in order to provide a forward-looking view of the global space industry. The methodology to measure the space economy uses several valuation techniques that combine data collection, estimates, internal analysis, and external citations. The sources include public information as well as analysis by a number of third parties such as the media, market analysts, and researchers.