

1969

## NSF Reports on 1967 Industrial Research and Development

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## NSF Reports on 1967 Industrial Research and Development

Research and development expenditures by industrial firms totaled \$16.4 billion in 1967, up 6 per cent from the 1966 level by \$15.5 billion, according to a bulletin released by the National Science Foundation.

Industrial basic research expenditures amounted to \$655 million in 1967, a 5 per cent increase from the previous year. Applied research funds also grew 5 per cent, reaching \$3.0 billion. Development spending rose 6 per cent to \$12.8 billion in 1967.

Company-financed research and development amounted to \$8.0 billion, 11 per cent higher than in 1966. Federal funds accounted for \$3.4 billion, or 51 per cent of the total. These funds increased only 1 per cent between 1966 and 1967.

The aircraft and missiles industry spent \$5.6 billion for R&D performance, 34 per cent of the 1967 all-industry total. The electrical equipment and communications industry ac-

counted for an additional 23 per cent, or \$3.8 billion.

The full-time-equivalent number of R&D scientists and engineers employed in industrial firms reached 387,000 in January 1968, a 6 per cent increase from January, 1967. Aircraft and electrical equipment firms together employed 53 per cent of these personnel.

In both 1966 and 1967, industrial R&D funds amounted to 4.2 per cent of net sales of all manufacturing companies that performed research and development.

The data are shown in a preliminary report on the 1967 survey of industrial research and development conducted for NSF by the Bureau of the Census, U.S. Department of Commerce.

Copies of the bulletin, "Research and Development in Industry, 1967," No. 17 in the Foundation series, *Reviews of Data on Science Resources*, may be obtained from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402, for 10 cents.