

APPENDIX TABLE 2.—Percentage of total R. & D. performance funds and total federally financed research and development accounted for by the 4 and 8 companies with the largest dollar volume of R. & D. performance, by industry, 1959

| Industry                                                    | Percent of R. & D. performance |                 | Percent of federally financed R. & D. |                 |
|-------------------------------------------------------------|--------------------------------|-----------------|---------------------------------------|-----------------|
|                                                             | 1st 4 companies                | 1st 8 companies | 1st 4 companies                       | 1st 8 companies |
| Food and kindred products.....                              | 37                             | 55              | (1)                                   | (1)             |
| Textiles and apparel.....                                   | 58                             | 70              | (1)                                   | 100             |
| Lumber, wood products, and furniture.....                   | 42                             | 55              | (1)                                   | (1)             |
| Paper and allied products.....                              | 44                             | 58              | (1)                                   | (1)             |
| Chemicals and allied products.....                          | 45                             | 56              | 36                                    | 91              |
| Industrial chemicals.....                                   | 63                             | 79              | 87                                    | 92              |
| Drugs and medicines.....                                    | 45                             | 67              | 79                                    | 94              |
| Other chemicals.....                                        | 28                             | 45              | (1)                                   | 57              |
| Petroleum refining and extraction.....                      | 50                             | 73              | 62                                    | 66              |
| Rubber products.....                                        | 85                             | 91              | 90                                    | 99              |
| Stone, clay, and glass products.....                        | 51                             | 70              | 45                                    | 71              |
| Primary metals.....                                         | 44                             | 58              | 47                                    | 73              |
| Primary ferrous products.....                               | 59                             | 76              | (1)                                   | (1)             |
| Nonferrous and other metal products.....                    | 56                             | 72              | (1)                                   | 88              |
| Fabricated metal products.....                              | 48                             | 65              | 62                                    | 89              |
| Machinery.....                                              | 48                             | 58              | 64                                    | 79              |
| Electrical equipment and communication.....                 | 63                             | 77              | 64                                    | 81              |
| Communication equipment and electronic components.....      | 60                             | 77              | 63                                    | 80              |
| Other electrical equipment.....                             | 89                             | 91              | 97                                    | 98              |
| Motor vehicles and other transportation equipment.....      | 90                             | 94              | 93                                    | 98              |
| Aircraft and parts.....                                     | 50                             | 71              | 51                                    | 71              |
| Professional and scientific instruments.....                | 62                             | 70              | 71                                    | 81              |
| Scientific and mechanical measuring instruments.....        | 75                             | 83              | 92                                    | 95              |
| Optical, surgical, photographic, and other instruments..... | 64                             | 79              | 63                                    | 81              |
| Other manufacturing industries.....                         | 60                             | 66              | 57                                    | 66              |
| Nonmanufacturing industries.....                            | 33                             | 40              | 69                                    | 73              |

<sup>1</sup> Not available.

Source: National Science Foundation (NSF 62-3), "Funds for Research and Development in Industry, 1959," app. A, table A-11, p. 62.