

Table H2. Rankings of federal R&D by State:
fiscal years 1970-2001 (Rank among 50 states and DC)

| State | 1970 | 1971 | 1972 | 1973 | 1974 | 1975 | 1976 | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 |
|---------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Alabama | 13 | 15 | 16 | 16 | 15 | 15 | 17 | 17 | 17 | 17 | 18 | 18 | 19 | 16 | 14 | 14 | 14 | 14 | 14 | 13 | 12 | 11 | 9 | 10 | 13 | 12 | 10 | 9 | 11 | 14 | 14 | 12 |
| Alaska | 32 | 30 | 35 | 35 | 43 | 37 | 39 | 40 | 41 | 40 | 45 | 42 | 44 | 42 | 43 | 41 | 42 | 45 | 43 | 42 | 40 | 41 | 40 | 41 | 32 | 42 | 42 | 42 | 43 | 43 | 43 | 43 |
| Arizona | 27 | 26 | 25 | 24 | 24 | 23 | 25 | 26 | 22 | 22 | 22 | 21 | 26 | 20 | 23 | 24 | 24 | 25 | 25 | 24 | 21 | 23 | 22 | 22 | 19 | 19 | 22 | 22 | 18 | 18 | 18 | 15 |
| Arkansas | 47 | 43 | 48 | 46 | 45 | 45 | 45 | 45 | 43 | 45 | 48 | 47 | 42 | 45 | 46 | 43 | 44 | 43 | 44 | 45 | 43 | 42 | 44 | 43 | 43 | 41 | 39 | 41 | 42 | 44 | 44 | 44 |
| California | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Colorado | 17 | 17 | 15 | 15 | 17 | 19 | 18 | 18 | 18 | 18 | 17 | 16 | 18 | 19 | 20 | 19 | 10 | 13 | 13 | 14 | 11 | 6 | 15 | 15 | 16 | 18 | 14 | 14 | 15 | 16 | 20 | |
| Connecticut | 21 | 21 | 20 | 19 | 19 | 18 | 19 | 20 | 20 | 19 | 19 | 19 | 20 | 13 | 16 | 16 | 19 | 18 | 20 | 21 | 25 | 20 | 23 | 23 | 23 | 20 | 20 | 20 | 23 | 24 | 21 | 18 |
| Delaware | 43 | 47 | 45 | 36 | 51 | 50 | 50 | 50 | 50 | 50 | 50 | 48 | 47 | 50 | 40 | 46 | 48 | 47 | 48 | 50 | 50 | 49 | 50 | 48 | 48 | 46 | 46 | 48 | 50 | 49 | 48 | 49 |
| DC | 11 | 13 | 14 | 12 | 12 | 12 | 12 | 12 | 13 | 12 | 13 | 13 | 12 | 10 | 7 | 7 | 7 | 9 | 3 | 11 | 15 | 12 | 11 | 11 | 9 | 7 | 9 | 10 | 10 | 9 | 10 | 11 |
| Florida | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 9 | 10 | 5 | 5 | 4 | 9 | 11 | 12 | 12 | 6 | 9 | 8 | 8 | 8 | 7 | 7 | 9 | 7 | 7 | 8 | 10 | 8 | 8 | |
| Georgia | 28 | 28 | 29 | 30 | 31 | 30 | 29 | 29 | 27 | 28 | 29 | 28 | 29 | 28 | 27 | 26 | 29 | 26 | 26 | 26 | 28 | 24 | 8 | 5 | 3 | 3 | 4 | 4 | 6 | 12 | 7 | 7 |
| Hawaii | 31 | 35 | 34 | 34 | 34 | 34 | 37 | 41 | 42 | 44 | 43 | 43 | 41 | 40 | 42 | 42 | 41 | 41 | 39 | 40 | 41 | 40 | 38 | 38 | 39 | 39 | 40 | 40 | 40 | 38 | 40 | 38 |
| Idaho | 24 | 24 | 27 | 26 | 32 | 27 | 30 | 25 | 28 | 27 | 28 | 34 | 32 | 27 | 30 | 27 | 27 | 29 | 29 | 33 | 30 | 29 | 28 | 29 | 33 | 34 | 33 | 35 | 36 | 37 | 38 | 42 |
| Illinois | 15 | 16 | 17 | 17 | 16 | 14 | 14 | 16 | 15 | 16 | 16 | 17 | 17 | 17 | 15 | 15 | 16 | 16 | 16 | 17 | 16 | 15 | 16 | 16 | 17 | 16 | 17 | 17 | 16 | 16 | 15 | 14 |
| Indiana | 25 | 29 | 24 | 27 | 25 | 26 | 28 | 31 | 32 | 32 | 31 | 30 | 30 | 29 | 28 | 29 | 26 | 28 | 28 | 27 | 29 | 28 | 27 | 24 | 26 | 26 | 26 | 25 | 27 | 25 | 25 | 25 |
| Iowa | 34 | 37 | 36 | 37 | 35 | 35 | 36 | 36 | 38 | 38 | 33 | 32 | 33 | 36 | 34 | 33 | 30 | 32 | 32 | 35 | 33 | 34 | 33 | 34 | 34 | 33 | 36 | 34 | 35 | 33 | 32 | 34 |
| Kansas | 42 | 41 | 38 | 42 | 40 | 41 | 43 | 43 | 33 | 30 | 21 | 20 | 16 | 37 | 37 | 34 | 33 | 35 | 37 | 37 | 39 | 43 | 41 | 40 | 41 | 40 | 37 | 33 | 41 | 39 | 39 | 37 |
| Kentucky | 40 | 42 | 37 | 38 | 37 | 39 | 35 | 37 | 40 | 41 | 36 | 38 | 37 | 38 | 41 | 40 | 40 | 42 | 40 | 41 | 42 | 39 | 45 | 42 | 42 | 44 | 44 | 43 | 38 | 42 | 41 | 40 |
| Louisiana | 22 | 25 | 23 | 25 | 28 | 25 | 24 | 24 | 24 | 23 | 27 | 24 | 27 | 31 | 35 | 37 | 38 | 38 | 36 | 32 | 36 | 37 | 34 | 36 | 35 | 36 | 35 | 36 | 34 | 35 | 35 | 39 |
| Maine | 44 | 46 | 46 | 50 | 50 | 49 | 48 | 49 | 48 | 48 | 49 | 49 | 50 | 46 | 45 | 44 | 47 | 33 | 47 | 43 | 48 | 45 | 46 | 46 | 45 | 47 | 47 | 46 | 44 | 41 | 37 | 28 |
| Maryland | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Mass. | 5 | 5 | 5 | 5 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 3 | 3 | 4 | 3 | 6 | 5 | 5 | 4 | 6 | 3 | 6 | 6 | 6 | 6 | 7 | 6 | 5 | 4 |
| Michigan | 20 | 19 | 19 | 20 | 20 | 20 | 20 | 19 | 19 | 20 | 20 | 22 | 22 | 23 | 22 | 22 | 23 | 23 | 24 | 18 | 19 | 18 | 18 | 18 | 20 | 22 | 21 | 21 | 22 | 22 | 20 | 21 |
| Minnesota | 23 | 22 | 22 | 22 | 21 | 22 | 22 | 23 | 25 | 26 | 23 | 25 | 23 | 22 | 18 | 17 | 21 | 22 | 21 | 20 | 23 | 25 | 25 | 27 | 24 | 24 | 23 | 23 | 21 | 21 | 24 | 24 |
| Mississippi | 37 | 33 | 31 | 29 | 26 | 33 | 33 | 30 | 36 | 35 | 35 | 34 | 30 | 32 | 31 | 32 | 30 | 31 | 30 | 24 | 32 | 31 | 31 | 30 | 32 | 30 | 28 | 29 | 29 | 29 | 30 | |
| Missouri | 16 | 9 | 7 | 10 | 14 | 16 | 16 | 13 | 12 | 13 | 12 | 15 | 14 | 18 | 17 | 18 | 17 | 19 | 17 | 16 | 17 | 21 | 19 | 20 | 10 | 14 | 16 | 18 | 20 | 20 | 23 | |
| Montana | 45 | 44 | 44 | 44 | 46 | 43 | 44 | 38 | 47 | 42 | 42 | 44 | 43 | 44 | 50 | 49 | 49 | 48 | 49 | 49 | 49 | 48 | 43 | 45 | 46 | 45 | 45 | 44 | 46 | 45 | 46 | 45 |
| Nebraska | 46 | 48 | 47 | 47 | 44 | 46 | 46 | 46 | 45 | 47 | 47 | 46 | 48 | 43 | 49 | 47 | 43 | 44 | 45 | 46 | 44 | 44 | 42 | 44 | 44 | 43 | 43 | 45 | 45 | 46 | 45 | 46 |
| Nevada | 18 | 20 | 21 | 21 | 22 | 21 | 21 | 22 | 21 | 21 | 25 | 23 | 21 | 15 | 21 | 20 | 20 | 21 | 22 | 25 | 22 | 22 | 24 | 26 | 28 | 27 | 31 | 31 | 31 | 31 | 33 | 36 |
| New Hamp. | 38 | 36 | 43 | 41 | 38 | 38 | 40 | 44 | 39 | 37 | 41 | 40 | 40 | 39 | 36 | 35 | 35 | 40 | 42 | 39 | 37 | 36 | 37 | 33 | 36 | 35 | 32 | 32 | 32 | 30 | 31 | |
| New Jersey | 6 | 6 | 6 | 7 | 13 | 13 | 13 | 14 | 16 | 14 | 15 | 14 | 13 | 8 | 8 | 9 | 15 | 15 | 15 | 13 | 14 | 14 | 14 | 14 | 15 | 15 | 15 | 14 | 8 | 12 | 16 | |
| New Mexico | 9 | 12 | 13 | 14 | 11 | 10 | 10 | 7 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 5 | 6 | 8 | 8 | 7 | 7 | 10 | 10 | 12 | 12 | 11 | 11 | 11 | 12 | 11 | 9 | |
| New York | 2 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 3 | 4 | 4 | 3 | 4 | 5 | 4 | 4 | 3 | 5 | 8 | 8 | 8 | 8 | 8 | 9 | 7 | 6 | 6 |
| N Carolina | 29 | 27 | 26 | 23 | 23 | 24 | 23 | 21 | 23 | 24 | 26 | 27 | 25 | 24 | 24 | 23 | 22 | 20 | 18 | 22 | 20 | 19 | 21 | 19 | 21 | 21 | 19 | 19 | 19 | 19 | 19 | 19 |
| North Dakota | 49 | 50 | 50 | 51 | 49 | 48 | 49 | 48 | 46 | 46 | 44 | 45 | 45 | 48 | 44 | 48 | 46 | 49 | 46 | 47 | 45 | 47 | 47 | 49 | 47 | 49 | 47 | 48 | 47 | 49 | 48 | |
| Ohio | 10 | 11 | 12 | 13 | 10 | 11 | 11 | 11 | 11 | 7 | 8 | 7 | 11 | 12 | 10 | 10 | 11 | 10 | 10 | 10 | 9 | 13 | 12 | 13 | 14 | 13 | 13 | 13 | 3 | 5 | 13 | 13 |
| Oklahoma | 36 | 39 | 40 | 39 | 39 | 40 | 42 | 39 | 34 | 39 | 38 | 39 | 39 | 41 | 39 | 38 | 39 | 39 | 38 | 38 | 35 | 38 | 39 | 39 | 40 | 38 | 41 | 39 | 39 | 40 | 42 | 41 |
| Oregon | 33 | 34 | 33 | 32 | 33 | 31 | 32 | 33 | 35 | 36 | 37 | 37 | 36 | 34 | 33 | 32 | 34 | 34 | 33 | 34 | 34 | 35 | 32 | 32 | 31 | 31 | 29 | 29 | 30 | 26 | 26 | 26 |
| Pennsylvania | 8 | 10 | 8 | 8 | 7 | 7 | 6 | 8 | 6 | 5 | 9 | 8 | 8 | 11 | 12 | 11 | 13 | 12 | 12 | 9 | 10 | 9 | 13 | 9 | 11 | 10 | 12 | 13 | 13 | 9 | 10 | |
| Rhode Island | 35 | 32 | 30 | 33 | 29 | 32 | 26 | 28 | 30 | 29 | 32 | 29 | 28 | 25 | 25 | 25 | 27 | 27 | 28 | 27 | 26 | 26 | 25 | 25 | 24 | 26 | 25 | 27 | 28 | 29 | 29 | |
| S Carolina | 41 | 40 | 41 | 43 | 36 | 44 | 41 | 34 | 29 | 31 | 39 | 36 | 31 | 32 | 26 | 36 | 36 | 36 | 34 | 31 | 32 | 31 | 35 | 37 | 38 | 37 | 38 | 37 | 36 | 34 | 35 | |
| South Dakota | 50 | 49 | 49 | 48 | 47 | 51 | 51 | 51 | 51 | 51 | 51 | 51 | 51 | 51 | 51 | 51 | 50 | 51 | 51 | 51 | 51 | 51 | 51 | 51 | 51 | 50 | 50 | 49 | 50 | 50 | 50 | |
| Tennessee | 19 | 18 | 18 | 18 | 18 | 17 | 15 | 15 | 14 | 15 | 14 | 12 | 15 | 21 | 19 | 21 | 18 | 17 | 19 | 19 | 18 | 17 | 20 | 21 | 22 | 23 | 25 | 24 | 24 | 23 | 23 | 22 |
| Texas | 7 | 8 | 9 | 6 | 8 | 9 | 7 | 9 | 7 | 8 | 11 | 11 | 10 | 7 | 9 | 9 | 8 | 7 | 7 | 3 | 3 | 7 | 4 | 6 | 5 | 4 | 5 | 5 | 4 | 4 | 5 | |
| Utah | 30 | 31 | 32 | 31 | 30 | 28 | 27 | 27 | 26 | 25 | 24 | 26 | 24 | 26 | 29 | 28 | 28 | 24 | 23 | 23 | 26 | 27 | 30 | 30 | 29 | 28 | 27 | 30 | 26 | 30 | 31 | 32 |
| Vermont | 48 | 45 | 42 | 45 | 42 | 42 | 38 | 42 | 49 | 49 | 46 | 50 | 46 | 49 | 48 | 45 | 45 | 46 | 41 | 44 | 47 | 46 | 48 | 47 | 49 | 48 | 48 | 49 | 47 | 48 | 47 | 47 |
| Virginia | 14 | 14 | 11 | 11 | 9 | 8 | 9 | 10 | 10 | 9 | 7 | 10 | 7 | 5 | 5 | 6 | 5 | 5 | 4 | 6 | 6 | 5 | 3 | 4 | 4 | 5 | 3 | 3 | 4 | 3 | 3 | |
| Washington | 12 | 7 | 10 | 9 | 6 | 6 | 8 | 6 | 8 | 11 | 10 | 9 | 9 | 14 | 13 | 13 | 15 | 11 | 11 | 12 | 14 | 16 | 17 | 17 | 18 | 17 | 18 | 17 | 17 | 17 | 17 | |
| West Virginia | 39 | 38 | 39 | 40 | 41 | 36 | 34 | 35 | 37 | 33 | 30 | 31 | 38 | 35 | 38 | 39 | 37 | 37 | 35 | 36 | 38 | 33 | 36 | 35 | 37 | 30 | 34 | 37 | 33 | 34 | 36 | 33 |
| Wisconsin | 26 | 23 | 28 | 28 | 27 | 29 | 31 | 32 | 31 | 34 | 34 | 33 | 35 | 33 | 31 | 30 | 31 | 31 | 30 | 29 | 31 | 30 | 29 | 28 | 27 | 29 | 28 | 27 | 28 | 27 | 27 | |
| Wyoming | 51 | 51 | 51 | 49 | 48 | 47 | 47 | 47 | 44 | 43 | 40 | 41 | 49 | 47 | 47 | 50 | 51 | 50 | 50 | 48 | 46 | 50 | 49 | 50 | 50 | 50 | 51 | 51 | 51 | 51 | 51 | 51 |

SOURCE: National Science Foundation, Federal Funds for R&D Historical Tables, 2002, and Federal Funds for R&D, FY 2001-2003, 2003.