

TABLE 49. Concentration of all, federal, and company and other industrial R&D funds and net sales of companies performing industrial R&D in the United States, ranked by R&D program size: 1997–2007
(Percent distribution)

Companies ranked by R&D program size	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
All R&D funds											
All companies	100	100	100	100	100	100	100	100	100	100	100
First 4 (1–4)	14	12	11	10	10	10	11	10	9	8	8
Next 4 (5–8)	8	8	8	7	7	7	7 r	8	8	7	6
Next 12 (9–20)	13	13	13	13	13	13	13 r	13	13	13	13
Next 20 (21–40)	11	11	11	11	11	12	11 r	10	10	12	12
Next 60 (41–100)	14	13	13	14	14	15	14 r	13	14	14	14
Next 100 (101–200)	9	9	9	9	10	10	9 r	10	10	10	10
Next 100 (201–300)	NA	5	5	5	5						
Next 100 (301–400)	NA	3	3	3	3						
Next 100 (401–500)	NA	3	3	2	2						
All others ^a	31	34	35	36	35	33	35	25	25	26	27
Federal R&D funds											
All companies	100	100	100	100	100	100	100	100	100	100	100
First 4 (1–4)	40	46	47	43	41	42	47 r	50	49	44	45
Next 4 (5–8)	23	17	14	16 i	17	15	12 r	11	11	13	14
Next 12 (9–20)	18	14	15	15	17	19	13 r	13	14	16	15
Next 20 (21–40)	7	7	8	7	6	9	6 r	7	6	7	6
Next 60 (41–100)	5	7	7	6	8	9	7 r	7	6	6	5
Next 100 (101–200)	3	5	4	5	5	5	7 r	5	5	7	5
Next 100 (201–300)	NA	2	3	3	2						
Next 100 (301–400)	NA	3	3	2	4						
Next 100 (401–500)	NA	2	1	1	1						
All others ^a	4	4	5	8	6	1	8	0	2	1	3
Company and other R&D funds											
All companies	100	100	100	100	100	100	100	100	100	100	100
First 4 (1–4)	13	12	11	10	11	10	11	11	10	9	8
Next 4 (5–8)	7	7	8	7	8	7	7	8	8	7	7
Next 12 (9–20)	11	12	12	13	12	13	12	12	12	12	12
Next 20 (21–40)	11	10	10	11	10	11	11	10	10	11	11
Next 60 (41–100)	13	13	13	13	14	15	14 r	13	13	14	14
Next 100 (101–200)	10	10	9	9	10	11	10	10	10	10	10
Next 100 (201–300)	NA	5	5	5	5						
Next 100 (301–400)	NA	4	3	3	3						
Next 100 (401–500)	NA	3	3	2	2						
All others ^a	35	36	37	37	35	33	35	24	26	27	28

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(Percent distribution)

Companies ranked by R&D program size	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
	Domestic net sales										
All companies	100	100	100	100	100	100	100	100	100	100	100
First 4 (1–4)	6	5	6 i	3 r	3 r	3 r	3 r	3	2	2	2
Next 4 (5–8)	2	3	2 r	D	4 r	4 r	2 r	2	3	3	3
Next 12 (9–20)	5	5	7	8 r	8 r	8 r	8 r	9	8	7	5
Next 20 (21–40)	5	5	4 r	D	5 r	4 r	3 r	3	3	5	4
Next 60 (41–100)	7	8	9 r	11 r	9 r	10 r	9 r	10	9	12	13
Next 100 (101–200)	8	8	8 r	9 r	11 r	10 r	10 r	11	12	10	10
Next 100 (201–300)	NA	NA	NA	NA	NA	NA	NA	6	6	11	10
Next 100 (301–400)	NA	NA	NA	NA	NA	NA	NA	5	6	5	5
Next 100 (401–500)	NA	NA	NA	NA	NA	NA	NA	2	3	3	3
All others ^a	67	66	64	69	60	61	65	49	48	42	45

D = suppressed to avoid disclosure of confidential information; i = more than 50% of the value is imputed; NA = not available; r = data significantly revised, replaces previously published data.

^a Includes companies in (201–500) size categories prior to 2004.

NOTES: Companies are ranked by size of their total R&D program in the first and fourth banks of estimates. In the second bank of estimates they are ranked by the size of their federal R&D programs and in the third bank by the size of their nonfederally funded R&D programs. Companies were ranked individually for each year; therefore, particular companies comprising the size groups may have changed from year to year. Beginning with 2001, statistics for total and federally funded industrial R&D exclude federally funded research and development centers. The R&D in this table is the industrial R&D performed within company facilities funded from all sources. The funds are the company's own; funds from outside organizations, such as other companies, research institutions, universities and colleges, nonprofit organizations, and state governments; and funds from the federal government. Excludes R&D performed outside of the company (e.g., R&D performed by other organizations) and R&D performed outside of the 50 U.S. states and DC (e.g., R&D not performed on U.S. soil by foreign subsidiaries or other foreign organizations). Prior to 2004, this table focused on the top 400 R&D performers. Data for the 201–300 and 301–400 categories were aggregated and data for the 401–500 category were included in the all others category. Beginning in 2004, the focus of the table was changed to the top 500 R&D performers. For definitions and more information about year-to-year comparability of the statistics, see technical notes and survey methodology.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Industrial Research and Development: 2007.