

In addition the reporting companies employed the equivalent of 7,263 supporting personnel on research-development work, of whom 3,737 were research-development technicians, 802 were skilled craftsmen and 2,724 were other supporting personnel. The average ratio of supporting personnel to professional scientists or engineers for firms conducting research-development was about six to one.

**4.—Professional Research-Development Scientists Employed, classified by Field and Level of Training, 1957**

Field of Training	Level of Training			Total
	Bachelor	Master	Doctorate	
	No.	No.	No.	No.
Chemical engineers.....	399	53	51	503
Civil engineers.....	40	4	3	47
Electrical engineers.....	771	72	13	856
Mechanical engineers.....	886	25	15	926
Other engineers.....	310	41	16	367
Chemists.....	500	122	255	877
Physicists.....	105	35	45	185
Geologists, geophysicists and other earth scientists.....	10	11	10	31
Metallurgists.....	177	17	22	216
Mathematicians.....	42	6	4	52
Medical scientists.....	22	17	103	142
Agricultural scientists.....	18	2	6	26
Administrators (of research-development).....	67	16	34	117
Unclassified and others.....	86	8	9	103
<b>Totals.....</b>	<b>3,433</b>	<b>429</b>	<b>586</b>	<b>4,448</b>