

TABLE B-2. Crosswalk of occupations used in the SDR data tables

Science and engineering classification	Major occupational category	Minor occupational category	Detailed occupational category	
Science occupations	Biological/agricultural/ other life scientists	Agricultural/food scientists	021 Agricultural and food scientists	
		Biochemists/biophysicists	022 Biochemists and biophysicists	
		Biological scientists	023 Biological scientists	
		Forestry/conservation scientists	024 Forestry and conservation scientists	
		Medical scientists	025 Medical scientists (excluding practitioners)	
		Postsecondary teachers, agricultural/other natural sciences	271 Postsecondary teachers, agriculture 297 Postsecondary teachers, other natural sciences	
		Postsecondary teachers, biological sciences	273 Postsecondary teachers, biological sciences	
		Other biological/agricultural/life scientists	027 Other biological and life scientists	
	Computer and information scientists	Computer/information scientists	051 Computer and information scientists, research	
			053 Computer support specialists	
			054 Computer systems analysts	
			055 Database administrators	
			056 Network and computer systems administrators	
			057 Network systems and data communications analysts	
			058 Other computer and information science occupations	
			088 Computer engineers, software	
	Postsecondary teachers, computer science	276 Postsecondary teachers, computer science		
	Mathematical scientists	Mathematical scientists	172 Mathematicians	
			173 Operations research analysts, including modeling	
			174 Statisticians	
			176 Other mathematical scientists	
	Postsecondary teachers, math/statistics	286 Postsecondary teachers, mathematics and statistics		
	Physical scientists	Chemists, except biochemists	193 Chemists, except biochemists	
			Earth/atmospheric/ocean scientists	192 Atmospheric and space scientists
				194 Geologists, including earth scientists
				195 Oceanographers
			Physicists/astronomers	191 Astronomers
				196 Physicists, except biophysicists
			Postsecondary teachers, chemistry	275 Postsecondary teachers, chemistry
			Postsecondary teachers, physics	289 Postsecondary teachers, physics
	Postsecondary teachers, other physical sciences	277 Postsecondary teachers, earth, environmental, and marine sciences		
	Other physical scientists	198 Other physical scientists		
	Psychologists	Psychologists	236 Psychologists, including clinical	
			291 Postsecondary teachers, psychology	
	Social scientists	Economists	232 Economists	
			235 Political scientists	
			278 Postsecondary teachers, economics	
			290 Postsecondary teachers, political science	
			293 Postsecondary teachers, sociology	
			298 Postsecondary teachers, other social sciences	
			231 Anthropologists	
237 Sociologists				
Other social scientists	238 Other social scientists			
Engineering occupations	Engineers	Aerospace/aeronautical/astronautical engineers	082 Aeronautical, aerospace and astronautical engineers	
		Chemical engineers	085 Chemical engineers	
		Civil/architectural/sanitary engineers	086 Civil engineers, including architectural and sanitary	
		Electrical engineers	087 Computer engineers, hardware	
			089 Electrical and electronics engineers	
		Materials/metallurgical engineers	091 Industrial engineers	
		Mechanical engineers	094 Mechanical engineers	
		Postsecondary teachers, engineering	280 Postsecondary teachers, engineering	
		Other engineers	083 Agricultural engineers	
			084 Bioengineers or biomedical engineers	
			090 Environmental engineers	

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Engineering occupations, continued	Engineers, continued	Other engineers, continued	092 Marine engineers and naval architects 093 Materials and metallurgical engineers 095 Mining and geological engineers 096 Nuclear engineers 097 Petroleum engineers 098 Sales engineers 099 Other engineers
Science/engineering-related occupations	Science/engineering-related occupations	Health occupations, except postsecondary teachers	111 Diagnosing and treating practitioners 112 Registered nurses, pharmacists, dietitians, therapists, and physician assistants 113 Health technologists and technicians 114 Other health occupations
		Postsecondary teachers, health and related sciences	287 Postsecondary teachers, health and related sciences
		SEH managers	142 Computer and information systems managers 143 Engineering managers 144 Medical and health services managers 145 Natural sciences managers
		SEH precollege teachers	253 Teachers, secondary-computer, math, or sciences 254 Teachers, secondary-social sciences
		SEH technicians/technologists	026 Technologists and technicians, biological and life sciences 052 Computer programmers, business, scientific, and process control 100 Electrical, electronic, industrial, and mechanical 101 Drafting occupations, including computer drafting 102 Surveying and mapping technicians 103 Other engineers, technologists, and technicians 104 Surveyors, cartographers, and photogrammetrists 175 Technologists and technicians, mathematical sciences 197 Technologists and technicians, physical scientists
		Other SEH-related occupations	081 Architects 171 Actuaries
		Arts/humanities-related occupations	233 Historians 010 Writers, editors, public relations specialists, artists,
		Management-related occupations	151 Accountants, auditors, and other financial specialists 152 Personnel, training, and labor relations specialists 153 Other management-related occupations
Non-science/non-engineering occupations	Non-science/non-engineering occupations	Non-SEH managers	141 Top-level managers, executives, and administrators 146 Education administrators 147 Other mid-level managers
		Non-SEH postsecondary teachers	272 Postsecondary teachers, art, drama, and music 274 Postsecondary teachers, business, commerce and marketing 279 Postsecondary teachers, education 281 Postsecondary teachers, English 282 Postsecondary teachers, foreign language 283 Postsecondary teachers, history 288 Postsecondary teachers, physical education 299 Postsecondary teachers, other non-science and
		Non-SEH precollege/other teachers	251 Teachers, pre-kindergarten and kindergarten 252 Teachers, elementary school 255 Teachers, secondary-other subjects 256 Teachers, special education-primary and secondary 257 Teachers, other precollegiate area
		Sales/marketing occupations	200 Insurance, securities, real estate, and business services

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Non-science/ non-engineering occupations, continued	Non-science/ non-engineering occupations, continued	Sales/marketing occupations, continued	201 Sales occupations, commodities, except retail
			202 Sales occupations, retail
			203 Other marketing and sales occupations
		Social service-related occupations	040 Clergy and other religious workers
			070 Counselors, educational, vocational, mental health, and substance abuse
			240 Social workers
		Other non-SEH occupations	031 Accounting clerks, and bookkeepers
			032 Secretaries, receptionists, and typists
			033 Other administrative occupations
			110 Farmers, foresters, and fishermen
120 Lawyers and judges			
130 Librarians, archivists, and curators			
221 Food preparation and service occupations			
222 Protective services			
223 Other service occupations, except health			
300 Other teachers and instructors			
401 Construction and extraction occupations			
402 Installation, maintenance, and repair occupations			
403 Precision/production occupations			
405 Transportation and material moving occupations			
500 Other occupations			

SEH = science, engineering, and health; SDR = Survey of Doctorate Recipients.

SOURCE: National Science Foundation/National Center for Science and Engineering Statistics, Survey of Doctorate Recipients, 2008.