

TABLE A-2

Occupations used in the NSCG data tables

(Crosswalk)

Broad occupation	Major occupation (N20CPRMG, N20CMLST)		Minor occupation (N20CPRNG, N20CNLST)		Detailed occupation (N20CPR, N20CLST)					
	Code	Label	Code	Label	Code	Label				
S&E occupations	1	Computer and mathematical scientists	11	Computer and information scientists	110510	Computer and information scientists, research				
					110520	Computer network architect				
					110540	Computer support specialists				
					110550	Computer system analysts				
					110560	Database administrators				
					110570	Information security analysts				
					110580	Network and computer systems administrators				
					110590	Software developers - applications and systems software				
					110600	Web developers				
					110610	Other computer and information science occupations				
					110880	Computer engineers, software				
					12	Mathematical scientists	121720	Mathematicians		
	121730	Operations research analysts, including modeling								
	121740	Statisticians								
	121760	Other mathematical scientists								
	18	Postsecondary teachers - computer and math sciences	182760	Postsecondary teachers: Computer sciences						
			182860	Postsecondary teachers: Mathematics and statistics						
			2	Biological, agricultural, and other life scientists			21	Agricultural and food scientists	210210	Agricultural and food scientists
							22	Biological and medical scientists	220220	Biochemists and biophysicists
	220230	Biological scientists								
	220250	Forestry and conservation scientists								
	220270	Medical scientists (excluding practitioners)								
	23	Environmental life scientists	230240	Forestry and conservation scientists						
	28	Postsecondary teachers - life and related sciences	282710	Postsecondary teachers: Agriculture						
			282730	Postsecondary teachers: Biological sciences						
			282970	Postsecondary teachers: Other natural sciences						
	3	Physical and related scientists	31	Chemists, except biochemists	311930	Chemists, except biochemists				
					32	Earth scientists, geologists, and oceanographers	321920	Atmospheric and space scientists		
							321940	Geologists, including earth scientists		
			321950	Oceanographers						
			33	Physicists and astronomers	331910	Astronomers				
					331960	Physicists, except biophysicists				
			34	Other physical and related scientists	341980	Other physical scientists				
			38	Postsecondary teachers - physical and related sciences	382750	Postsecondary teachers: Chemistry				
					382770	Postsecondary teachers: Earth, environmental, and marine sciences				
					382890	Postsecondary teachers: Physics				
4	Social and related scientists	41	Economists	412320	Economists					
		42	Political scientists	422350	Political scientists					
		43	Psychologists	432360	Psychologists, including clinical					

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	Code	Label	Code	Label	Code	Label			
			44	Sociologists and anthropologists	442310	Anthropologists			
			442370	Sociologists					
			45	Other social and related scientists	452380	Other social scientists			
			48	Postsecondary teachers - social and related sciences	482780	Postsecondary teachers: Economics			
					482900	Postsecondary teachers: Political science			
					482910	Postsecondary teachers: Psychology			
					482930	Postsecondary teachers: Sociology			
					482980	Postsecondary teachers: Other social sciences			
			5	Engineers		51	Aerospace, aeronautical, or astronautical engineers	510820	Aeronautical, aerospace, and astronautical engineers
						52	Chemical engineers	520850	Chemical engineers
						53	Civil, architectural, or sanitary engineers	530860	Civil engineers, including architectural and sanitary
						54	Electrical or computer hardware engineers	540870	Computer engineers, hardware
								540890	Electrical and electronics engineers
						55	Industrial engineers	550910	Industrial engineers
						56	Mechanical engineers	560940	Mechanical engineers
						57	Other engineers	570830	Agricultural engineers
								570840	Bioengineers or biomedical engineers
								570900	Environmental engineers
								570920	Marine engineers and naval architects
								570930	Materials and metallurgical engineers
570950	Mining and geological engineers								
570960	Nuclear engineers								
570970	Petroleum engineers								
570980	Sales engineers								
570990	Other engineers								
58	Postsecondary teachers - engineering	582800	Postsecondary teachers: Engineering						
S&E-related occupations	6	S&E-related occupations	61	Health-related occupations	611110	Diagnosing and treating practitioners			
					611120	Registered nurses, pharmacists, dieticians, therapists, physician assistants, nurse practitioners			
					611130	Health technologists and technicians			
					611140	Other health occupations			
					612870	Postsecondary teachers, health and related sciences			
			62	S&E managers	621420	Computer and information systems managers			
					621430	Engineering managers			
					621440	Medical and health services managers			
					621450	Natural sciences managers			
			63	S&E precollege teachers	632530	Teachers: Secondary - computer, math or sciences			
					632540	Teachers: Secondary - social sciences			
			64	S&E technicians and technologists	640260	Technologists and technicians, biological and life sciences			

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	Code	Label	Code	Label	Code	Label
					640530	Computer programmers, business, scientific, and process control
					641000	Electrical, electronic, industrial, and mechanical technicians
					641010	Drafting occupations, including computer drafting
					641020	Surveying and mapping technicians
					641030	Other engineers, technologists, and technicians
					641040	Surveyors, cartographers, and photogrammetrists
					641750	Technologists and technicians in the mathematical sciences
					641970	Technologists and technicians in the physical sciences
			65	Other S&E-related occupations	650810	Architects
					651710	Actuaries
Non-S&E occupations	7	Non-S&E occupations	71	Non-S&E managers	711410	Top-level managers, executives, and administrators
					711460	Education administrators
					711470	Other mid-level managers
			72	Management-related occupations	721510	Accountants, auditors, and other financial specialists
					721520	Personnel, training, and labor relations specialists
					721530	Other management-related occupations
			73	Non-S&E precollege teachers	732510	Teachers: Pre-kindergarten and kindergarten
					732520	Teachers: Elementary
					732550	Teachers: Secondary - other subjects
					732560	Teachers: Special education - primary and secondary
					732570	Teachers: Other precollegiate area
			74	Non-S&E postsecondary teachers	742720	Postsecondary teachers: Art, drama, and music
					742740	Postsecondary teachers: Business commerce and marketing
					742790	Postsecondary teachers: Education
					742810	Postsecondary teachers: English
					742820	Postsecondary teachers: Foreign language
					742830	Postsecondary teachers: History
					742880	Postsecondary teachers: Physical education
					742990	Postsecondary teachers: Other postsecondary fields
			75	Social services and related occupations	750400	Clergy and other religious workers
					750700	Counselors, educational, vocational, mental health, and substance abuse
					752400	Social workers
			76	Sales and marketing occupations	762000	Insurance, securities, real estate, and business services

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	Code	Label	Code	Label	Code	Label
					762010	Sales occupations, commodities, except retail
					762020	Sales occupations, retail
					762030	Other marketing and sales occupations
			77	Art, humanities, and related occupations	770100	Writers, editors, public relations specialists, artists, entertainers, and broadcasters
					772330	Historians
			78	Other non-S&E occupations	780310	Accounting clerks and bookkeepers
					780320	Secretaries, receptionists, and typists
					780330	Other administrative occupations
					781100	Farmers, foresters, and fishermen
					781200	Lawyers and judges
					781300	Librarians, archivists, and curators
					782210	Food preparation and service occupations
					782220	Protective services
					782230	Other service occupations, except health
					783000	Other teachers and instructors
					784010	Construction and extraction occupations
					784020	Installation, maintenance, and repair occupations
					784030	Precision/ production occupations
					784050	Transportation and material moving occupations
					785000	Other occupations

S&E = science and engineering; NSCG = National Survey of College Graduates.

Source(s):

National Center for Science and Engineering Statistics, National Survey of College Graduates, 2017.