

TABLE 6

Characteristics of completed work experience programs among U.S. STEM and non-STEM workers, by education level and occupation: 2022

(Number)

Characteristics	Total	STEM occupation			Non-STEM occupation
		S&E	S&E related	STEM middle skill	
All education levels, total U.S. population ages 16–75	152,524,000	10,318,000	12,461,000	12,963,000	116,782,000
Completed a work experience program					
No	110,982,000	6,244,000	4,811,000	10,546,000	89,382,000
Yes	41,542,000	4,075,000	7,651,000	2,417,000	27,400,000
Type of work experience program					
Apprenticeship	6,010,000	600,000	870,000	812,000	3,729,000
Internship, paid	15,157,000	2,594,000	2,464,000	951,000	9,147,000
Internship, unpaid	20,374,000	880,000	4,317,000	654,000	14,524,000
Work experience related to main job					
Very related	24,909,000	2,277,000	6,304,000	1,427,000	14,902,000
Somewhat related	7,766,000	1,206,000	880,000	470,000	5,210,000
Not related	8,867,000	592,000	467,000	520,000	7,288,000
Frequency of using work experience skills or knowledge for the main job					
All or most of the time	23,272,000	1,751,000	5,997,000	1,420,000	14,103,000
Sometimes	10,557,000	1,518,000	1,185,000	429,000	7,426,000
Almost never	4,646,000	534,000	296,000	400,000	3,416,000
Never	3,067,000	271,000	173,000	168,000	2,455,000
Field of work experience program					
S&E field	3,342,000	1,989,000	291,000	S	935,000
S&E-related field	8,493,000	879,000	4,870,000	260,000	2,485,000
STEM middle-skill occupation field	2,799,000	129,000	55,000	1,380,000	1,235,000
Non-STEM field	26,908,000	1,077,000	2,435,000	650,000	22,746,000
When it was completed					
1–5 years ago	10,724,000	1,473,000	2,173,000	495,000	6,583,000
6–10 years ago	6,251,000	760,000	1,269,000	304,000	3,918,000
More than 10 years ago	21,732,000	1,684,000	3,746,000	1,370,000	14,931,000
Less than a bachelor's degree	93,782,000	2,724,000	4,549,000	10,956,000	75,552,000
Completed a work experience program					
No	80,157,000	2,170,000	2,268,000	9,241,000	66,477,000
Yes	13,625,000	554,000	2,281,000	1,715,000	9,075,000
Type of work experience program					
Apprenticeship	3,029,000	S	322,000	711,000	1,936,000
Internship, paid	4,226,000	229,000	364,000	652,000	2,981,000
Internship, unpaid	6,370,000	265,000	1,595,000	352,000	4,158,000
Work experience related to main job					
Very related	7,544,000	130,000	1,901,000	1,236,000	4,276,000
Somewhat related	2,229,000	221,000	294,000	308,000	1,406,000
Not related	3,852,000	202,000	86,000	171,000	3,393,000
Frequency of using work experience skills or knowledge for the main job					
All or most of the time	7,993,000	211,000	1,851,000	1,260,000	4,670,000
Sometimes	2,771,000	194,000	331,000	209,000	2,037,000
Almost never	1,679,000	D	D	214,000	1,321,000
Never	1,182,000	D	D	D	1,048,000
Field of work experience program					
S&E field	456,000	235,000	D	D	158,000
S&E-related field	2,695,000	D	1,342,000	S	1,193,000
STEM middle-skill occupation field	2,251,000	D	D	1,250,000	925,000

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Characteristics of completed work experience programs among U.S. STEM and non-STEM workers, by education level and occupation: 2022

(Number)

Characteristics	Total	STEM occupation			Non-STEM occupation
		S&E	S&E related	STEM middle skill	
Non-STEM field	8,223,000	239,000	873,000	311,000	6,800,000
When it was completed					
1–5 years ago	4,313,000	187,000	725,000	339,000	3,061,000
6–10 years ago	1,631,000	D	394,000	180,000	977,000
More than 10 years ago	6,010,000	201,000	949,000	1,046,000	3,814,000
Bachelor's degree or higher	58,742,000	7,594,000	7,912,000	2,006,000	41,230,000
Completed a work experience program					
No	30,825,000	4,073,000	2,542,000	1,304,000	22,905,000
Yes	27,917,000	3,521,000	5,370,000	702,000	18,325,000
Type of work experience program					
Apprenticeship	2,981,000	540,000	548,000	100,000	1,793,000
Internship, paid	10,932,000	2,365,000	2,101,000	300,000	6,166,000
Internship, unpaid	14,004,000	615,000	2,722,000	302,000	10,365,000
Work experience related to main job					
Very related	17,365,000	2,146,000	4,403,000	191,000	10,626,000
Somewhat related	5,537,000	984,000	586,000	162,000	3,805,000
Not related	5,014,000	390,000	381,000	349,000	3,894,000
Frequency of using work experience skills or knowledge for the main job					
All or most of the time	15,279,000	1,540,000	4,146,000	160,000	9,433,000
Sometimes	7,786,000	1,324,000	853,000	220,000	5,389,000
Almost never	2,967,000	459,000	227,000	186,000	2,095,000
Never	1,885,000	198,000	143,000	S	1,407,000
Field of work experience program					
S&E field	2,886,000	1,754,000	245,000	S	777,000
S&E-related field	5,798,000	854,000	3,528,000	124,000	1,292,000
STEM middle-skill occupation field	548,000	74,000	D	129,000	310,000
Non-STEM field	18,686,000	838,000	1,563,000	339,000	15,946,000
When it was completed					
1–5 years ago	6,411,000	1,286,000	1,448,000	155,000	3,522,000
6–10 years ago	4,620,000	680,000	875,000	124,000	2,941,000
More than 10 years ago	15,721,000	1,483,000	2,797,000	324,000	11,117,000

D = suppressed to avoid disclosure of confidential information. S = suppressed for reliability; coefficient of variation exceeds publication standards of 50%.

S&E = science and engineering; STEM = science, technology, engineering, and mathematics.

Note(s):

The National Training, Education, and Workforce Survey Pilot data tables are designated as an experimental statistical product. These estimates are experimental statistics and may not meet all the quality standards of the National Center for Science and Engineering Statistics. Users should take caution when using the estimates presented in these tables. Additional information about the experimental statistical product designation can be found in the "Technical Notes" accompanying these tables.

Numbers are rounded to the nearest 1,000. Detail may not add to total because of rounding. The skilled technical workforce comprises workers in STEM occupations (S&E, S&E-related, and middle-skill occupations) who do not have an educational attainment of a bachelor's degree or higher.

Source(s):

National Center for Science and Engineering Statistics, National Training, Education, and Workforce Survey Pilot, 2022.