

TABLE 3

Demographic characteristics of the U.S skilled technical workforce and U.S. population ages 16–75, by education level, labor force status, and occupation: 2022

(Number)

Demographic characteristics	Total	U.S. Labor force					Unemployed	Not in the U.S. labor force
		Employed						
		STEM occupation			Non-STEM occupation			
		S&E	S&E related	STEM middle skill				
Less than a bachelor's degree, total U.S. population ages 16–75	155,085,000	2,724,000	4,549,000	10,956,000	75,552,000	10,229,000	51,074,000	
Education level								
High school diploma or equivalent or less	75,278,000	797,000	715,000	4,937,000	34,525,000	5,723,000	28,581,000	
Some college but no degree	29,882,000	773,000	379,000	1,604,000	17,455,000	1,755,000	7,917,000	
Vocational certificate	29,097,000	538,000	1,218,000	3,085,000	13,699,000	1,747,000	8,812,000	
Associate degree	20,828,000	617,000	2,237,000	1,330,000	9,874,000	1,005,000	5,765,000	
Age group								
29 and younger	36,280,000	654,000	876,000	1,735,000	20,562,000	4,744,000	7,709,000	
30–39	24,644,000	548,000	987,000	2,720,000	13,620,000	1,901,000	4,868,000	
40–49	23,486,000	597,000	1,118,000	2,231,000	13,755,000	1,308,000	4,476,000	
50–75	70,675,000	924,000	1,568,000	4,270,000	27,616,000	2,276,000	34,021,000	
Ethnicity and race								
Hispanic or Latino ^a	36,753,000	508,000	708,000	2,953,000	19,515,000	2,829,000	10,241,000	
Not Hispanic or Latino								
American Indian or Alaska Native	1,493,000	D	D	S	548,000	277,000	519,000	
Asian	5,781,000	215,000	285,000	369,000	2,800,000	288,000	1,824,000	
Black or African American	20,006,000	397,000	591,000	715,000	9,115,000	2,128,000	7,060,000	
Native Hawaiian or Other Pacific Islander	464,000	D	D	D	336,000	D	D	
White	85,035,000	1,514,000	2,756,000	6,327,000	40,490,000	3,933,000	30,015,000	
More than one race	5,554,000	D	180,000	489,000	2,749,000	721,000	1,358,000	
Sex								
Female	77,016,000	811,000	3,262,000	1,093,000	36,650,000	5,020,000	30,181,000	
Male	78,069,000	1,914,000	1,288,000	9,863,000	38,902,000	5,209,000	20,893,000	
Disability status								
Has a disability ^b	48,169,000	608,000	748,000	2,484,000	16,364,000	3,334,000	24,632,000	
No disability	106,916,000	2,117,000	3,801,000	8,472,000	59,188,000	6,895,000	26,442,000	
Marital status								
Married	68,659,000	1,415,000	2,380,000	6,339,000	33,294,000	2,349,000	22,883,000	
Living in a marriage-like relationship	8,791,000	282,000	279,000	730,000	4,889,000	793,000	1,817,000	
Widowed	5,761,000	D	113,000	100,000	1,486,000	173,000	3,806,000	
Divorced	17,364,000	120,000	484,000	1,228,000	7,503,000	744,000	7,285,000	
Separated	3,015,000	D	S	175,000	1,162,000	265,000	1,336,000	
Never married	51,495,000	816,000	1,225,000	2,384,000	27,218,000	5,905,000	13,947,000	
First language is English								
Yes	126,565,000	2,363,000	3,991,000	8,641,000	60,270,000	8,660,000	42,639,000	
No	28,521,000	361,000	558,000	2,315,000	15,282,000	1,569,000	8,436,000	
Citizenship status								
U.S. citizen or permanent resident	143,421,000	2,514,000	4,415,000	9,896,000	68,741,000	9,523,000	48,332,000	
Temporary visa holder	11,665,000	210,000	S	1,061,000	6,811,000	706,000	2,742,000	
Bachelor's degree or higher, total U.S. population ages 16–75	75,807,000	7,594,000	7,912,000	2,006,000	41,230,000	2,168,000	14,898,000	
Education level								
Bachelor's degree	47,789,000	4,812,000	3,965,000	1,755,000	26,164,000	1,593,000	9,500,000	

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(Number)

Demographic characteristics	Total	U.S. Labor force					Unemployed	Not in the U.S. labor force
		Employed						
		STEM occupation			Non-STEM occupation			
		S&E	S&E related	STEM middle skill				
Master's degree	20,686,000	2,112,000	1,949,000	206,000	11,730,000	436,000	4,253,000	
Professional degree beyond a bachelor's degree	4,674,000	S	1,474,000	D	2,199,000	116,000	808,000	
Doctorate	2,659,000	624,000	524,000	D	1,137,000	D	337,000	
Age group								
29 and younger	9,424,000	1,533,000	1,092,000	429,000	5,144,000	607,000	620,000	
30–39	18,960,000	2,634,000	2,192,000	618,000	11,617,000	524,000	1,375,000	
40–49	15,680,000	1,563,000	2,011,000	471,000	9,956,000	484,000	1,193,000	
50–75	31,744,000	1,864,000	2,617,000	488,000	14,513,000	552,000	11,710,000	
Ethnicity and race								
Hispanic or Latino ^a	7,737,000	612,000	755,000	268,000	4,512,000	459,000	1,131,000	
Not Hispanic or Latino								
American Indian or Alaska Native	229,000	18,000	S	D	140,000	D	S	
Asian	7,490,000	1,502,000	1,024,000	179,000	3,124,000	421,000	1,240,000	
Black or African American	6,150,000	457,000	566,000	133,000	3,799,000	251,000	944,000	
Native Hawaiian or Other Pacific Islander	110,000	D	D	D	58,000	D	D	
White	52,188,000	4,902,000	5,342,000	1,369,000	28,382,000	952,000	11,240,000	
More than one race	1,903,000	81,000	207,000	S	1,215,000	82,000	264,000	
Sex								
Female	40,904,000	1,953,000	4,832,000	513,000	22,910,000	1,520,000	9,176,000	
Male	34,904,000	5,640,000	3,080,000	1,493,000	18,320,000	648,000	5,722,000	
Disability status								
Has a disability ^b	10,512,000	904,000	545,000	79,000	4,893,000	744,000	3,347,000	
No disability	65,296,000	6,689,000	7,367,000	1,928,000	36,337,000	1,423,000	11,551,000	
Marital status								
Married	48,188,000	4,624,000	5,132,000	946,000	25,495,000	913,000	11,078,000	
Living in a marriage-like relationship	4,015,000	413,000	472,000	212,000	2,504,000	70,000	345,000	
Widowed	1,568,000	51,000	66,000	D	596,000	D	808,000	
Divorced	5,879,000	411,000	658,000	178,000	3,328,000	137,000	1,167,000	
Separated	693,000	14,000	29,000	D	559,000	D	51,000	
Never married	15,464,000	2,081,000	1,556,000	644,000	8,748,000	988,000	1,448,000	
First language is English								
Yes	64,099,000	5,786,000	6,441,000	1,628,000	35,533,000	1,765,000	12,946,000	
No	11,708,000	1,808,000	1,471,000	378,000	5,697,000	403,000	1,952,000	
Citizenship status								
U.S. citizen or permanent resident	71,797,000	6,731,000	7,513,000	1,778,000	39,496,000	1,951,000	14,327,000	
Temporary visa holder	4,010,000	863,000	399,000	228,000	1,734,000	216,000	571,000	

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.

^a Hispanic or Latino may be any race; race categories exclude Hispanic origin.

^b The survey asks the degree of difficulty—none, slight, moderate, severe, or unable to do—an individual has in seeing (with glasses), hearing (with hearing aid), walking without assistance, lifting 10 pounds, or concentrating, remembering, or making decisions. Those respondents who answered "moderate," "severe," or "unable to do" for an activity were classified as having a disability.

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-skills 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.