

TABLE 2

Demographic characteristics of the U.S. STEM labor force and U.S. population ages 16–75, by sex, 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 | | | | |
| Female, total U.S. population ages 16–75 | 117,920,000 | 2,764,000 | 8,093,000 | 1,606,000 | 59,560,000 | 6,540,000 | 39,356,000 | |
| Education level | | | | | | | | |
| High school diploma or equivalent or less | 35,750,000 | 278,000 | 415,000 | 514,000 | 14,965,000 | 2,832,000 | 16,746,000 | |
| Some college credit, no degree | 14,047,000 | S | 149,000 | D | 8,740,000 | 749,000 | 4,129,000 | |
| Vocational certificate or diploma | 15,353,000 | S | 845,000 | 262,000 | 7,489,000 | 986,000 | 5,550,000 | |
| Associate degree | 11,867,000 | 135,000 | 1,852,000 | 215,000 | 5,456,000 | 453,000 | 3,756,000 | |
| Bachelor's degree | 25,084,000 | 1,041,000 | 2,549,000 | 415,000 | 14,140,000 | 1,140,000 | 5,800,000 | |
| Master's degree | 12,225,000 | 636,000 | 1,366,000 | 99,000 | 7,055,000 | 285,000 | 2,784,000 | |
| Doctorate or professional degree | 3,594,000 | 276,000 | 917,000 | D | 1,714,000 | 95,000 | 592,000 | |
| Age group | | | | | | | | |
| 29 and younger | 22,171,000 | 579,000 | 1,427,000 | 325,000 | 12,876,000 | 2,686,000 | 4,277,000 | |
| 30–39 | 22,748,000 | 851,000 | 2,257,000 | 497,000 | 13,003,000 | 1,383,000 | 4,758,000 | |
| 40–49 | 20,381,000 | 597,000 | 1,938,000 | 338,000 | 12,629,000 | 1,181,000 | 3,699,000 | |
| 50–75 | 52,620,000 | 737,000 | 2,472,000 | 446,000 | 21,053,000 | 1,289,000 | 26,623,000 | |
| Ethnicity and race | | | | | | | | |
| Hispanic or Latino ^a | 21,975,000 | 165,000 | 924,000 | 403,000 | 11,319,000 | 1,939,000 | 7,225,000 | |
| Not Hispanic or Latino | | | | | | | | |
| American Indian or Alaska Native | 864,000 | D | D | D | 360,000 | 200,000 | 285,000 | |
| Asian | 6,818,000 | 365,000 | 787,000 | S | 3,264,000 | 460,000 | 1,887,000 | |
| Black or African American | 14,015,000 | 424,000 | 794,000 | 104,000 | 7,084,000 | 1,151,000 | 4,457,000 | |
| Native Hawaiian or Other Pacific Islander | 207,000 | D | D | D | 174,000 | D | D | |
| White | 69,733,000 | 1,761,000 | 5,315,000 | 857,000 | 34,989,000 | 2,311,000 | 24,500,000 | |
| More than one race | 4,309,000 | D | 262,000 | S | 2,369,000 | 480,000 | 969,000 | |
| Disability status | | | | | | | | |
| Has a disability ^b | 31,654,000 | 567,000 | 737,000 | 436,000 | 11,637,000 | 2,334,000 | 15,943,000 | |
| No disability | 86,266,000 | 2,197,000 | 7,357,000 | 1,170,000 | 47,923,000 | 4,206,000 | 23,414,000 | |
| Marital status | | | | | | | | |
| Married | 57,880,000 | 1,680,000 | 4,575,000 | 686,000 | 28,305,000 | 1,867,000 | 20,767,000 | |
| Living in a marriage-like relationship | 6,154,000 | 163,000 | 566,000 | 123,000 | 3,467,000 | 397,000 | 1,437,000 | |
| Widowed | 5,492,000 | D | 167,000 | D | 1,685,000 | 112,000 | 3,488,000 | |
| Divorced | 13,909,000 | 140,000 | 833,000 | 195,000 | 6,903,000 | 474,000 | 5,363,000 | |
| Separated | 2,269,000 | D | S | D | 1,112,000 | 188,000 | 877,000 | |
| Never married | 32,218,000 | 752,000 | 1,876,000 | 574,000 | 18,088,000 | 3,501,000 | 7,425,000 | |
| First language is English | | | | | | | | |
| Yes | 96,756,000 | 2,220,000 | 6,791,000 | 1,276,000 | 49,052,000 | 5,244,000 | 32,173,000 | |
| No | 21,164,000 | 545,000 | 1,303,000 | 330,000 | 10,508,000 | 1,296,000 | 7,184,000 | |
| Citizenship status | | | | | | | | |
| U.S. citizen or permanent resident | 110,462,000 | 2,535,000 | 7,799,000 | 1,423,000 | 55,958,000 | 5,944,000 | 36,804,000 | |

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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 | | | | |
| Temporary visa holder | 7,458,000 | 229,000 | 295,000 | 183,000 | 3,602,000 | 596,000 | 2,553,000 | |
| Male, total U.S. population ages 16–75 | 112,973,000 | 7,554,000 | 4,368,000 | 11,357,000 | 57,222,000 | 5,857,000 | 26,616,000 | |
| Education level | | | | | | | | |
| High school diploma or equivalent or less | 39,528,000 | 519,000 | 300,000 | 4,423,000 | 19,560,000 | 2,891,000 | 11,836,000 | |
| Some college credit, no degree | 15,836,000 | 596,000 | 230,000 | 1,503,000 | 8,714,000 | 1,006,000 | 3,787,000 | |
| Vocational certificate or diploma | 13,744,000 | 317,000 | 373,000 | 2,823,000 | 6,210,000 | 760,000 | 3,261,000 | |
| Associate degree | 8,961,000 | 482,000 | 385,000 | 1,115,000 | 4,418,000 | 552,000 | 2,009,000 | |
| Bachelor's degree | 22,705,000 | 3,771,000 | 1,416,000 | 1,340,000 | 12,024,000 | 453,000 | 3,700,000 | |
| Master's degree | 8,460,000 | 1,476,000 | 584,000 | 108,000 | 4,674,000 | 151,000 | 1,468,000 | |
| Doctorate or professional degree | 3,738,000 | 394,000 | 1,080,000 | D | 1,622,000 | 44,000 | 554,000 | |
| Age group | | | | | | | | |
| 29 and younger | 23,534,000 | 1,608,000 | 540,000 | 1,839,000 | 12,830,000 | 2,665,000 | 4,051,000 | |
| 30–39 | 20,856,000 | 2,331,000 | 923,000 | 2,841,000 | 12,234,000 | 1,042,000 | 1,485,000 | |
| 40–49 | 18,785,000 | 1,563,000 | 1,191,000 | 2,365,000 | 11,083,000 | 612,000 | 1,971,000 | |
| 50–75 | 49,798,000 | 2,051,000 | 1,713,000 | 4,311,000 | 21,076,000 | 1,538,000 | 19,109,000 | |
| Ethnicity and race | | | | | | | | |
| Hispanic or Latino ^a | 22,516,000 | 956,000 | 539,000 | 2,818,000 | 12,708,000 | 1,349,000 | 4,146,000 | |
| Not Hispanic or Latino | | | | | | | | |
| American Indian or Alaska Native | 858,000 | S | S | S | 328,000 | 79,000 | 290,000 | |
| Asian | 6,453,000 | 1,351,000 | 522,000 | 494,000 | 2,660,000 | 249,000 | 1,177,000 | |
| Black or African American | 12,142,000 | 431,000 | 363,000 | 744,000 | 5,829,000 | 1,228,000 | 3,547,000 | |
| Native Hawaiian or Other Pacific Islander | 367,000 | D | D | D | 220,000 | D | D | |
| White | 67,489,000 | 4,654,000 | 2,783,000 | 6,839,000 | 33,883,000 | 2,575,000 | 16,755,000 | |
| More than one race | 3,148,000 | 95,000 | 125,000 | 357,000 | 1,595,000 | 324,000 | 653,000 | |
| Disability status | | | | | | | | |
| Has a disability ^b | 27,027,000 | 945,000 | 556,000 | 2,127,000 | 9,619,000 | 1,744,000 | 12,036,000 | |
| No disability | 85,945,000 | 6,609,000 | 3,812,000 | 9,230,000 | 47,603,000 | 4,112,000 | 14,579,000 | |
| Marital status | | | | | | | | |
| Married | 58,968,000 | 4,358,000 | 2,936,000 | 6,599,000 | 30,484,000 | 1,396,000 | 13,194,000 | |
| Living in a marriage-like relationship | 6,653,000 | 532,000 | 184,000 | 819,000 | 3,926,000 | 467,000 | 725,000 | |
| Widowed | 1,838,000 | S | D | 98,000 | 398,000 | 97,000 | 1,127,000 | |
| Divorced | 9,334,000 | 391,000 | 310,000 | 1,210,000 | 3,928,000 | 406,000 | 3,089,000 | |
| Separated | 1,439,000 | S | D | 177,000 | 609,000 | 99,000 | 511,000 | |
| Never married | 34,742,000 | 2,144,000 | 904,000 | 2,454,000 | 17,878,000 | 3,392,000 | 7,970,000 | |
| First language is English | | | | | | | | |
| Yes | 93,908,000 | 5,929,000 | 3,642,000 | 8,994,000 | 46,751,000 | 5,180,000 | 23,412,000 | |
| No | 19,065,000 | 1,624,000 | 726,000 | 2,363,000 | 10,472,000 | 677,000 | 3,204,000 | |
| Citizenship status | | | | | | | | |

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(Number)

| Demographic characteristics | Total | U.S. Labor force | | | | | Not in the U.S. labor force |
|------------------------------------|-------------|------------------|-------------|-------------------|---------------------|------------|-----------------------------|
| | | Employed | | | | Unemployed | |
| | | STEM occupation | | | Non-STEM occupation | | |
| | | S&E | S&E related | STEM middle skill | | | |
| U.S. citizen or permanent resident | 104,755,000 | 6,710,000 | 4,129,000 | 10,251,000 | 52,279,000 | 5,530,000 | 25,855,000 |
| Temporary visa holder | 8,218,000 | 843,000 | 238,000 | 1,105,000 | 4,943,000 | 327,000 | 760,000 |

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.

Source(s):

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