TABLE 5-2

College graduates, by broad occupation, labor force status and characteristics, sex assigned at birth, gender identity, ethnicity, race, and disability status: 2023

Occupation and labor force status and characteristics		Sex assigned at birth				Gender identity ^a			Not Hispanic or Latino							
	Total	Female at birth	Male at birth	Female gender identity	Male gender identity	Transgender identity	Different term used for gender identity	Hispanic or Latino	American Indian or Alaska Native	Asian	Black or African American	Native Hawaiian or Other Pacific Islander	White	More than one race	Without disability	With disability
All occupations	70,944,000	38,519,000	32,425,000	38,356,000	32,305,000	139,000	294,000	7,211,000	143,000	7,334,000	5,522,000	62,000	48,766,000	1,907,000	61,186,000	9,757,00
Full-time employment status	47,357,000	23,700,000	23,657,000	23,598,000	23,561,000	93,000	199,000	5,204,000	76,000	5,286,000	3,867,000	31,000	31,567,000	1,326,000	42,000,000	5,357,00
Part-time employment status	8,704,000	5,903,000	2,800,000	5,856,000	2,799,000	S	57,000	812,000	35,000	848,000	656,000	S	6,103,000	239,000	7,379,000	1,324,00
Preference for full-time status																
Did not want full-time employment	7,036,000	4,841,000	2,196,000	4,801,000	2,200,000	S	41,000	571,000	29,000	586,000	442,000	S	5,205,000	193,000	6,078,000	959,00
Wanted full-time employment	1,667,000	1,063,000	605,000	1,054,000	599,000	D	16,000	241,000	S	261,000	214,000	D	898,000	45,000	1,302,000	365,00
Reason for part-time status																
Reason worked part time: did not need or want to work full-time	4,509,000	3,150,000	1,358,000	3,133,000	1,359,000	S	S	290,000	S	296,000	192,000	S	3,583,000	139,000	4,007,000	502,00
Reason worked part time: family responsibilities	3,202,000	2,610,000	592,000	2,582,000	587,000	S	37,000	308,000	3,000	392,000	196,000	D	2,237,000	61,000	2,752,000	450,00
Reason worked part time: full-time job not available	1,622,000	1,055,000	567,000	1,051,000	562,000	S	10,000	165,000	S	190,000	152,000	D	1,043,000	64,000	1,345,000	276,00
Reason worked part time: held another job	1,083,000	726,000	358,000	702,000	355,000	D	S	77,000	S	112,000	84,000	D	717,000	S	923,000	160,00
Reason worked part time: hours or work reduced	987,000	617,000	370,000	616,000	366,000	D	S	116,000	D	120,000	114,000	D	610,000	25,000	783,000	204,00
Reason worked part time: previously or semiretired	2,324,000	1,288,000	1,036,000	1,281,000	1,043,000	D	D	106,000	S	101,000	157,000	S	1,930,000	19,000	1,843,000	481,00
Reason worked part time: student	837,000	586,000	251,000	559,000	254,000	S	S	122,000	D	148,000	93,000	D	407,000	S	736,000	101,00
Reason worked part time: other	1,157,000	740,000	416,000	733,000	421,000	S	S	174,000	21,000	136,000	155,000	D	637,000	34,000	880,000	277,00
Not working, not looking for work	13,432,000	8,070,000	5,362,000	8,074,000	5,344,000	S	S	963,000	28,000	1,020,000	806,000	17,000	10,320,000	279,000	10,639,000	2,794,00
Not working, looking for work	1,451,000	846,000	605,000	828,000	601,000	21,000	19,000	232,000	S	181,000	193,000	D	776,000	64,000	1,169,000	282,00
Reason for not working																
Reasons for not working: illness or disability	1,415,000	782,000	633,000	758,000	636,000	S	S	168,000	10,000	68,000	172,000	D	924,000	73,000	436,000	979,00
Reasons for not working: did not need or want to work	2,799,000	1,928,000	871,000	1,931,000	866,000	9,000	S	215,000	S	241,000	102,000	D	2,158,000	75,000	2,262,000	537,00
Reasons for not working: family responsibilities	2,487,000	2,034,000	454,000	2,024,000	454,000	D	S	334,000	S	325,000	176,000	S	1,584,000	61,000	2,113,000	374,00
Reasons for not working: layoff from a job	635,000	323,000	312,000	309,000	311,000	11,000	13,000	101,000	D	77,000	86,000	D	345,000	22,000	533,000	102,00
Reasons for not working: retired	9,706,000	5,181,000	4,525,000	5,198,000	4,506,000	D	D	513,000	22,000	527,000	534,000	9,000	7,950,000	151,000	7,777,000	1,929,00
Reasons for not working: student	677,000	434,000	243,000	422,000	243,000	D	S	80,000	D	89,000	80,000	D	383,000	45,000	566,000	111,00
Reasons for not working: suitable job not available	974,000	588,000	386,000	582,000	382,000	10,000	S	142,000	D	147,000	86,000	D	539,000	53,000	715,000	259,00
Reasons for not working: other	922,000	594,000	328,000	596,000	326,000	D	D	153,000	D	122,000	119,000	D	490,000	28,000	721,000	201,00
S&E occupations	10,404,000	3,173,000	7,231,000	3,150,000	7,213,000	35,000	45,000	948,000	14,000	2,038,000	553,000	13,000	6,581,000	258,000	9,152,000	1,251,00
Full-time employment status	8,086,000	2,289,000	5,796,000	2,278,000	5,776,000	23,000	38,000	785,000	11,000	1,648,000	462,000	6,000	4,958,000	215,000	7,222,000	864,00
Part-time employment status	626,000	296,000	330,000	288,000	332,000	S	6,000	66,000	D	123,000	25,000	D	395,000	14,000	538,000	87,00
Preference for full-time status																
Did not want full-time employment	494,000	228,000	266,000	221,000	268,000	S	S	46,000	D	82,000	15,000	D	339,000	11,000	425,000	70,00
Wanted full-time employment	131,000	68,000	63,000	67,000	64,000	D	D	20,000	D	41,000	10,000	D	57,000	3,000	114,000	18,00
Reason for part-time status																
Reason worked part time: did not need or want to work full-time	289,000	136,000	152,000	130,000	157,000	D	1,000	22,000	D	26,000	5,000	D	228,000	8,000	256,000	33,00
Reason worked part time: family responsibilities	177,000	104,000	73,000	103,000	73,000	D	D	23,000	D	33,000	4,000	D	115,000	1,000	151,000	25,00

TABLE 5-2

College graduates, by broad occupation, labor force status and characteristics, sex assigned at birth, gender identity, ethnicity, race, and disability status: 2023

Occupation and labor force status and characteristics	Total	Sex assigned a	at birth			Gender identity ^a					Not Hispanic o	or Latino		, I		
		Female at birth	Male at birth	Female gender identity	Male gender identity	Transgender identity	Different term used for gender identity	Hispanic or Latino	American Indian or Alaska Native	Asian	Black or African American	Native Hawaiian or Other Pacific Islander	White	More than one race	Without disability	With disability
Reason worked part time: full-time job not available	131,000	58,000	73,000	58,000	72,000	D	1,000	23,000	D	27,000	6,000	D	71,000	4,000	108,000	23,0
Reason worked part time: held another job	61,000	31,000	31,000	29,000	32,000	D	*	10,000	D	6,000	S	D	39,000	S	55,000	7,0
Reason worked part time: hours or work reduced	72,000	33,000	40,000	33,000	40,000	D	D	5,000	D	11,000	5,000	D	49,000	S	54,000	19,0
Reason worked part time: previously or semiretired	140,000	44,000	96,000	44,000	96,000	D	D	6,000	D	5,000	3,000	D	123,000	2,000	113,000	27,0
Reason worked part time: student	173,000	91,000	82,000	83,000	85,000	S	S	27,000	D	53,000	9,000	D	80,000	4,000	150,000	22,0
Reason worked part time: other	71,000	35,000	36,000	29,000	42,000	D	D	4,000	D	23,000	6,000	D	35,000	S	55,000	-,-
Not working, not looking for work	1,501,000	520,000	981,000	522,000	978,000	D	S	74,000	S	213,000	40,000	S	1,143,000	26,000	1,229,000	272,0
Not working, looking for work	191,000	67,000	124,000	62,000	126,000	S	S	23,000	D	53,000	25,000	D	85,000	3,000	163,000	28,0
Reason for not working																1
Reasons for not working: illness or disability	117,000	38,000	79,000	37,000	79,000	D	D	15,000	D	10,000	S	D	74,000	S	43,000	73,0
Reasons for not working: did not need or want to work	317,000	140,000	177,000	140,000	177,000	D	D	15,000	D	39,000	3,000	D	253,000	7,000	253,000	65,0
Reasons for not working: family responsibilities	225,000	139,000	86,000	137,000	88,000	D	D	22,000	D	65,000	9,000	D	123,000	6,000	188,000	37,0
Reasons for not working: layoff from a job	113,000	40,000	73,000	35,000	76,000	S	S	15,000	D	31,000	S	D	42,000	4,000	95,000	19,0
Reasons for not working: retired	1,152,000	317,000	835,000	319,000	833,000	D	D	35,000	D	101,000	20,000	S	974,000	17,000	944,000	208,0
Reasons for not working: student	80,000	34,000	46,000	34,000	46,000	D	D	8,000	D	28,000	3,000	D	39,000	1,000	72,000	8,0
Reasons for not working: suitable job not available	102,000	37,000	65,000	35,000	65,000	D	S	8,000	D	30,000	3,000	D	58,000	1,000	84,000	18,0
Reasons for not working: other	113,000	35,000	78,000	35,000	78,000	D	D	12,000	D	32,000	9,000	D	56,000	3,000	101,000	12,0
S&E-related occupations	13,827,000	8,287,000	5,540,000	8,261,000	5,515,000	21,000	54,000	1,359,000	26,000	1,904,000	1,030,000	17,000	9,058,000	433,000	12,185,000	1,642,0
Full-time employment status	9,336,000	5,175,000	4,161,000	5,159,000	4,140,000	14,000	35,000	983,000	10,000	1,433,000	758,000	9,000	5,853,000	291,000	8,432,000	904,0
Part-time employment status	1,917,000	1,494,000	423,000	1,486,000	423,000	D	S	159,000	3,000	231,000	131,000	D	1,306,000	S	1,705,000	211,0
Preference for full-time status																
Did not want full-time employment	1,624,000	1,297,000	327,000	1,296,000	327,000	D	S	126,000	S	165,000	90,000	D	1,164,000	S	1,462,000	163,0
Wanted full-time employment	292,000	196,000	96,000	190,000	96,000	D	S	33,000	D	66,000	41,000	D	142,000	8,000	244,000	48,0
Reason for part-time status																
Reason worked part time: did not need or want to work full-time	1,121,000	886,000	234,000	887,000	234,000	D	D	56,000	S	86,000	53,000	D	853,000	S	1,013,000	107,0
Reason worked part time: family responsibilities	823,000	727,000	96,000	722,000	95,000	D	D	75,000	D	93,000	40,000	D	589,000	S	736,000	87,0
Reason worked part time: full-time job not available	245,000	177,000	68,000	176,000	68,000	D	D	26,000	D	39,000	23,000	D	152,000	4,000	210,000	35,0
Reason worked part time: held another job	282,000	224,000	58,000	218,000	58,000	D	D	16,000	D	35,000	6,000	D	179,000	S	258,000	
Reason worked part time: hours or work reduced	216,000	153,000	63,000	151,000	63,000	D	D	29,000	D	32,000	14,000	D	139,000	2,000	178,000	
Reason worked part time: previously or semiretired	358,000	217,000	141,000	217,000	141,000	D	D	20,000	D	25,000	23,000	D	286,000	S	288,000	70,0
Reason worked part time: student	201,000	165,000	36,000	158,000	36,000	D	D	28,000	D	31,000	18,000	D	77,000	S	185,000	
Reason worked part time: other	207,000	151,000	55,000	151,000	55,000	D	S	25,000	D	43,000	25,000	D	106,000	7,000	170,000	
Not working, not looking for work	2,384,000	1,499,000	885,000	1,497,000	886,000	D	D	191,000	11,000	215,000	119,000	D	1,789,000	52,000		
Not working, looking for work	190,000	120,000	71,000	118,000	66,000	D	D	26,000	D	25,000	23,000	D	110,000	6,000	147,000	43,0
Reason for not working																(

TABLE 5-2

College graduates, by broad occupation, labor force status and characteristics, sex assigned at birth, gender identity, ethnicity, race, and disability status: 2023

(Number)

Occupation and labor force status and characteristics		Sex assigned a	at birth		Gender identity ^a			Not Hispanic or Latino								
	Total	Female at birth	Male at birth	Female gender identity	Male gender identity	Transgender identity	Different term used for gender identity	Hispanic or Latino	American Indian or Alaska Native	Asian	Black or African American	Native Hawaiian or Other Pacific Islander	White	More than one race	Without disability	With disability
Reasons for not working: illness or disability	264,000	169,000	94,000	168,000	95,000	D	D	40,000	D	13,000	25,000	D	172,000	9,000	79,000	184,0
Reasons for not working: did not need or want to work	466,000	313,000	153,000	312,000	153,000	D	D	44,000	D	33,000	22,000	D	354,000	10,000	391,000	75,0
Reasons for not working: family responsibilities	389,000	335,000	54,000	335,000	54,000	D	D	54,000	D	50,000	31,000	D	240,000	11,000	327,000	62,0
Reasons for not working: layoff from a job	79,000	41,000	38,000	40,000	36,000	D	D	16,000	D	15,000	11,000	D	35,000	S	60,000	19,0
Reasons for not working: retired	1,687,000	942,000	744,000	942,000	744,000	D	D	96,000	6,000	113,000	77,000	D	1,360,000	35,000	1,357,000	329,0
Reasons for not working: student	201,000	134,000	67,000	133,000	66,000	D	D	21,000	D	36,000	9,000	D	122,000	13,000	166,000	35,0
Reasons for not working: suitable job not available	119,000	73,000	47,000	74,000	42,000	D	D	31,000	D	16,000	10,000	D	56,000	5,000	82,000	37,0
Reasons for not working: other	171,000	126,000	45,000	126,000	45,000	D	D	23,000	D	32,000	9,000	D	97,000	S	148,000	23,0
Non-S&E occupations	46,713,000	27,059,000	19,654,000	26,945,000	19,577,000	82,000	194,000		103,000	3,393,000	3,939,000	32,000	33,126,000	1,216,000	39,849,000	6,864,00
Full-time employment status	29,935,000	16,235,000	13,700,000	16,161,000	13,645,000	56,000	126,000	3,436,000	56,000	2,205,000	2,647,000	15,000	20,756,000	819,000	26,346,000	3,589,00
Part-time employment status	6,161,000	4,113,000	2,048,000	4,082,000	2,044,000	1,000	38,000	587,000	30,000	494,000	500,000	S	4,401,000	140,000	5,135,000	1,026,00
Preference for full-time status																
Did not want full-time employment	4,917,000	3,315,000	1,602,000	3,285,000	1,605,000	S	S	399,000	25,000	340,000	337,000	S	3,702,000	105,000	4,191,000	726,00
Wanted full-time employment	1,244,000	798,000	445,000	797,000	439,000	D	9,000	188,000	S	154,000	163,000	D	699,000	34,000	944,000	300,00
Reason for part-time status																
Reason worked part time: did not need or want to work full-time	3,099,000	2,128,000	972,000	2,116,000	968,000	S	S	212,000	S	184,000	134,000	S	2,502,000	60,000	2,738,000	361,00
Reason worked part time: family responsibilities	2,202,000	1,779,000	424,000	1,758,000	419,000	D	S	210,000	S	266,000	153,000	D	1,532,000	35,000	1,864,000	338,00
Reason worked part time: full-time job not available	1,246,000	820,000	426,000	817,000	422,000	D	8,000	116,000	S	124,000	123,000	D	820,000	56,000	1,028,000	218,00
Reason worked part time: held another job	739,000	471,000	268,000	456,000	265,000	D	S	51,000	D	70,000	75,000	D	499,000	40,000	610,000	129,00
Reason worked part time: hours or work reduced	699,000	432,000	267,000	432,000	263,000	D	S	82,000	D	78,000	95,000	D	422,000	21,000	551,000	148,00
Reason worked part time: previously or semiretired	1,827,000	1,028,000	799,000	1,021,000	806,000	D	D	81,000	S	72,000	130,000	D	1,521,000	15,000	1,442,000	385,00
Reason worked part time: student	463,000	330,000	133,000	318,000	133,000	D	S	68,000	D	64,000	66,000	D	249,000	11,000	400,000	63,00
Reason worked part time: other	880,000	555,000	325,000	553,000	324,000	S	D	144,000	20,000	70,000	124,000	D	497,000	25,000	655,000	224,00
Not working, not looking for work	9,547,000	6,051,000	3,496,000	6,055,000	3,480,000	S	S	698,000	15,000	591,000	647,000	8,000	7,388,000	201,000	7,509,000	2,038,00
Not working, looking for work	1,069,000	659,000	410,000	647,000	408,000	10,000	S	184,000	D	103,000	145,000	D	581,000	56,000	858,000	211,00
Reason for not working																
Reasons for not working: illness or disability	1,035,000	575,000	460,000	553,000	462,000	S	S	113,000	D	45,000	137,000	D	678,000	56,000	314,000	721,00
Reasons for not working: did not need or want to work	2,016,000	1,475,000	541,000	1,479,000	535,000	S	S	156,000	D	169,000	77,000	D	1,552,000	58,000	1,618,000	
Reasons for not working: family responsibilities	1,874,000	1,560,000	314,000	1,552,000	312,000	D	D	258,000	D	211,000	137,000	D	1,221,000	44,000	1,598,000	398,00 276,00
Reasons for not working: layoff from a job	442,000	242,000	200,000	234,000	200,000	D	D	70,000	D	31,000	56,000	D	268,000	16,000	378,000	64,00
Reasons for not working: retired	6,867,000	3,922,000	2,946,000	3,937,000	2,929,000	D	D	381,000	15,000	313,000	437,000	S	5,615,000	100,000	5,476,000	1,391,0
Reasons for not working: student	396,000	266,000	130,000	256,000	131,000	D	D	51,000	D	25,000	67,000	D	222,000	31,000	329,000	67,0
Reasons for not working: suitable job not available	752,000	478,000	274,000	473,000	275,000	S	S	102,000	D	101,000	74,000	D	425,000	47,000	548,000	204,0
Reasons for not working: other	638,000	432,000	206,000	434.000	203.000	D	n	118.000	П	59.000	100.000	D	337,000	23.000	472,000	166,0

National Center for Science and Engineering Statistics | NSF 25-322

* = suppressed when population estimate < 500. D = suppressed to avoid disclosure of confidential information. S = suppressed for reliability; coefficient of variation exceeds publication standards.

S&E = science and engineering.

^a Gender identity estimates are tabulated based on "mark all that apply" responses to the following question, "How do you currently describe yourself? 1. Male, 2. Female, 3. Transgender, and 4. I use a different term." Thus, these four gender identity categories are not mutually exclusive.

Note(s)

Numbers are rounded to the nearest 1,000. Detail may not add to total because of rounding and multiple response of their preference for working part time, are asked their reasons for working part time, are asked their reasons for working part time, are asked their reasons for working part time, regardless of their preference period, occupation. This table does not include individuals who report not working, are asked their reasons for more working part time, are asked their reasons for work, are asked their reasons for more working part time, are asked their reasons for working part time, regardless of their preference period, occupation when last employed during survey of college graduates are individuals who report not working at least 35 hours in a typical week. All individuals who report not working, are asked their reasons for working part time, regardless of their preference period, occupation when last employed during survey in time, regardless of their preference period, occupation when last employed during survey in time, regardless of their preference period, occupation. All individuals who report not working at least 35 hours in a typical week. All individuals who report working part time, regardless of their preference period, occupation. All individuals who report not working, are asked their reasons for time, regardless of their preference period, occupation. All individuals who report not working, are asked their reasons for time, regardless of their preference period, occupation. All individuals who report working part time, regardless of their preference period, occupation. All individuals who report not working part time, regardless of their preference for working part time, regardless of their preference period and regardless of their preference for working part time, regardless o

Source(s):

National Center for Science and Engineering Statistics, National Survey of College Graduates, 2023.