TABLE 5-3

College graduates, by broad field of highest degree, father's education, mother's education, level of highest degree, and median amount borrowed to finance undergraduate degree: 2023 (Number)

				Bachelor's						Master's						Doctorate		Professional						
eld of highest degree, father's education, and mother's education	Total	\$0	\$1-\$10,000	\$10,001-\$20,000	\$20,001-\$30,000	\$30,001 and over	Total	\$0	\$1-\$10,000	\$10,001-\$20,000	\$20,001-\$30,000	\$30,001 and over	Total	\$0	\$1-\$10,000	\$10,001-\$20,000	\$20,001-\$30,000	\$30,001 and over	Total	\$0	\$1-\$10,000	\$10,001-\$20,000	\$20,001-\$30,000	\$30,001 and over
All fields	44,588,000	16,434,000	5,903,000	5,749,000	4,849,000	11,654,000	20,110,000	6,659,000	2,249,000	1,846,000	1,591,000	3,648,000	2,898,000	1,136,000	322,000	222,000	177,000	378,000	4,101,000	1,442,000	415,000	338,000	204,000	728,0
Father's education																								
Less than high school completed	5,673,000	2,075,000	1,029,000	821,000	587,000	1,162,000	2,578,000	790,000	399,000	228,000	203,000	345,000	333,000	106,000	55,000	20,000	19,000	40,000	311,000	105,000	57,000	23,000	4,000	46,00
High school diploma or equivalent	11,160,000	3,470,000	1,609,000	1,588,000	1,269,000	3,224,000	4,500,000	1,131,000	565,000	497,000	380,000	979,000	529,000	157,000	72,000	52,000	27,000	87,000	657,000	170,000	79,000	72,000	38,000	128,00
Some college, vocational, or trade school (including 2-year degrees)	8,354,000	2,537,000	1,200,000	1,136,000	985,000	2,497,000	3,550,000	960,000	390,000	356,000	375,000	755,000	485,000	184,000	55,000	36,000	29,000	76,000	566,000	186,000	89,000	44,000	27,000	135,00
Bachelor's degree (e.g., BS, BA, AB)	10,283,000	4,363,000	1,117,000	1,203,000	1,008,000	2,592,000	4,413,000	1,741,000	417,000	378,000	333,000	734,000	660,000	269,000	66,000	51,000	51,000	87,000	973,000	336,000	70,000	88,000	59,000	187,00
Master's degree (e.g., MS, MA, MBA)	4,591,000	1,892,000	483,000	486,000	572,000	1,159,000	2,645,000	1,042,000	245,000	226,000	149,000	432,000	400,000	175,000	45,000	22,000	29,000	42,000	610,000	236,000	48,000	41,000	30,000	103,00
Professional degree (e.g., JD, LLB, MD, DDS)	1,626,000	939,000	161,000	119,000	108,000	299,000	1,033,000	517,000	74,000	65,000	46,000	136,000	200,000	109,000	11,000	12,000	11,000	24,000	596,000	285,000	30,000	31,000	26,000	70,00
Doctorate (e.g., PhD, DSc, EdD)	1,321,000	638,000	125,000	158,000	121,000	279,000	943,000	382,000	106,000	77,000	79,000	158,000	235,000	122,000	17,000	23,000	8,000	16,000	324,000	110,000	36,000	37,000	20,000	52,00
Not applicable	1,580,000	520,000	179,000	239,000	199,000	443,000	449,000	96,000	52,000	20,000	26,000	109,000	56,000	14,000	2,000	S	3,000	6,000	65,000	15,000	S	D	D	5,00
Mother's education																								
Less than high school completed	5,352,000	1,990,000	955,000	818,000	458,000	1,131,000	2,532,000	743,000	363,000	267,000	179,000	311,000	354,000	126,000	38,000	23,000	11,000	30,000	344,000	113,000	45,000	10,000	S	65,00
High school diploma or equivalent	13,190,000	4,469,000	2,075,000	1,845,000	1,521,000	3,280,000	5,396,000	1,524,000	653,000	512,000	478,000	1,057,000	666,000	218,000	94,000	60,000	38,000	82,000	849,000	273,000	139,000	82,000	28,000	152,00
Some college, vocational, or trade school (including 2-year degrees)	9,881,000	3,285,000	1,232,000	1,253,000	1,169,000	2,942,000	4,209,000	1,361,000	561,000	388,000	325,000	842,000	559,000	205,000	70,000	36,000	50,000	83,000	853,000	307,000	90,000	79,000	51,000	158,00
Bachelor's degree (e.g., BS, BA, AB)	10,009,000	4,158,000	1,041,000	1,134,000	948,000	2,729,000	4,369,000	1,641,000	387,000	368,000	336,000	794,000	617,000	263,000	67,000	50,000	28,000	84,000	1,102,000	359,000	85,000	101,000	81,000	188,00
Master's degree (e.g., MS, MA, MBA)	4,189,000	1,644,000	404,000	480,000	554,000	1,107,000	2,790,000	1,064,000	231,000	237,000	232,000	523,000	484,000	223,000	41,000	43,000	41,000	71,000	611,000	258,000	47,000	50,000	24,000	123,00
Professional degree (e.g., JD, LLB, MD, DDS)	581,000	307,000	32,000	69,000	43,000	131,000	287,000	144,000	25,000	22,000	20,000	32,000	83,000	46,000	5,000	3,000	6,000	8,000	198,000	72,000	S	14,000	S	25,00
Doctorate (e.g., PhD, DSc, EdD)	464,000	192,000	44,000	42,000	62,000	125,000	267,000	100,000	17,000	34,000	12,000	53,000	93,000	41,000	6,000	6,000	3,000	15,000	93,000	46,000	S	D	S	15,00
Not applicable	922,000	390,000	121,000	109,000	94,000	208,000	260,000	81,000	12,000	16,000	8,000	36,000	42,000	14,000	1,000	S	D	S	51,000	14,000	D	D	D	
S&E fields	15,511,000	5,704,000	2,158,000	1,969,000	1,790,000	3,890,000	4,923,000	1,702,000	514,000	441,000	339,000	782,000	1,602,000	677,000	178,000	103,000	91,000	152,000	73,000	22,000	9,000	5,000	S	20,00
Father's education																								
Less than high school completed	1,764,000	628,000	332,000	285,000	198,000	321,000	537,000	162,000	77,000	42,000	30,000	94,000	172,000	64,000	24,000	7,000	13,000	11,000	12,000	2,000	S	S	D	
High school diploma or equivalent	3,690,000	1,159,000	578,000	471,000	493,000	989,000	991,000	271,000	112,000	112,000	78,000	183,000	262,000	89,000	36,000	21,000	10,000	33,000	11,000	2,000	S	1,000	D	
Some college, vocational, or trade school (including 2-year degrees)	2,849,000	860,000	412,000	408,000	342,000	826,000	813,000	231,000	80,000	96,000	63,000	140,000	229,000	87,000	28,000	14,000	13,000	27,000	13,000	S	S	D	D	
Bachelor's degree (e.g., BS, BA, AB)	3,751,000	1,558,000	453,000	399,000	414,000	928,000	1,232,000	493,000	109,000	100,000	85,000	159,000	400,000	184,000	41,000	26,000	21,000	34,000	12,000	7,000	D	D	D	3,00
Master's degree (e.g., MS, MA, MBA)	1,759,000	727,000	186,000	220,000	174,000	452,000	740,000	290,000	80,000	51,000	46,000	107,000	248,000	107,000	26,000	15,000	21,000	22,000	15,000	4,000	D	D	D	4,00
Professional degree (e.g., JD, LLB, MD, DDS)	619,000	331,000	79,000	49,000	33,000	127,000	245,000	118,000	19,000	19,000	12,000	25,000	117,000	65,000	9,000	5,000	5,000	12,000	4,000	S	D	D	D	
Doctorate (e.g., PhD, DSc, EdD)	588,000	275,000	60,000	78,000	50,000	125,000	265,000	108,000	28,000	18,000	19,000	59,000	155,000	77,000	12,000	13,000	6,000	12,000	5,000	S	D	D	D	
Not applicable	492,000	166,000	58,000	60,000	85,000	123,000	99,000	29,000	8,000	4,000	5,000	16,000	19,000	5,000	2,000	S	S	D	D	D	D	D	D	
Mother's education																								
Less than high school completed	1,719,000	651,000	323,000	274,000	166,000	304,000	633,000	200,000	74,000	60,000	32,000	79,000	209,000	83,000	26,000	7,000	7,000	8,000	14,000	3,000	S	S	D	
High school diploma or equivalent	4,127,000	1,347,000	745,000	577,000	473,000	984,000	1,177,000	388,000	122,000	119,000	80,000	187,000	355,000	130,000	46,000	25,000	17,000	34,000	13,000	2,000	S	S	D	
Some college, vocational, or trade school (including 2-year degrees)	3,373,000	1,069,000	407,000	418,000	452,000	1,026,000	962,000	290,000	118,000	97,000	81,000	176,000	280,000	109,000	29,000	18,000	20,000	41,000	19,000	8,000	D	2,000	D	
Bachelor's degree (e.g., BS, BA, AB)	3,876,000	1,623,000	450,000	407,000	414,000	982,000	1,180,000	451,000	111,000	104,000	75,000	191,000	369,000	169,000	41,000	25,000	19,000	35,000	16,000	5,000	D	D	D	4,00
Master's degree (e.g., MS, MA, MBA)	1,607,000	625,000	162,000	212,000	190,000	418,000	724,000	273,000	73,000	43,000	57,000	111,000	255,000	123,000	24,000	20,000	23,000	20,000	8,000	1,000	D	D	D	3,00

TABLE 5-3

College graduates, by broad field of highest degree, father's education, mother's education, level of highest degree, and median amount borrowed to finance undergraduate degree: 2023 (Number)

		Bachelor's								Master's						Doctorate			Professional						
Field of highest degree, father's education, and mother's education	Total	\$0	\$1-\$10,000	\$10,001-\$20,000	\$20,001-\$30,000	\$30,001 and over	Total	\$0	\$1-\$10,000	\$10,001-\$20,000	\$20,001-\$30,000	\$30,001 and over	Total	\$0	\$1-\$10,000	\$10,001-\$20,000	\$20,001-\$30,000	\$30,001 and over	Total	\$0	\$1-\$10,000	\$10,001-\$20,000	\$20,001-\$30,000	\$30,001 and over	
Professional degree (e.g., JD, LLB, MD, DDS)	276,000	135,000	24,000	31,000	18,000	67,000	91,000	49,000	6,000	5,000	4,000	13,000	55,000	31,000	4,00	2,000	3,000	5,000	2,000	S	D	D	D		
Doctorate (e.g., PhD, DSc, EdD)	224,000	114,000	18,000	17,000	23,000	53,000	70,000	29,000	5,000	8,000	4,000	13,000	59,000	26,000	6,00	4,000	2,000	9,000	D	D	D	D	D		
Not applicable	309,000	139,000	30,000	32,000	52,000	56,000	85,000	21,000	7,000	4,000	S	12,000	19,000	6,000	1,00) S	D	S	D	D	D	D	D		
S&E-related fields	5,284,000	1,721,000	725,000	625,000	646,000	1,566,000	2,930,000	880,000	306,000	234,000	241,000	604,000	422,000	129,000	36,00	28,000	39,000	81,000	2,071,000	571,000	171,000	134,000	94,000	352,0	
Father's education																									
Less than high school completed	845,000	280,000	133,000	105,000	92,000	235,000	357,000	105,000	60,000	33,000	25,000	61,000	45,000	8,000	:	5,000	S	S	162,000	55,000	30,000	4,000	2,000	10,0	
High school diploma or equivalent	1,424,000	399,000	180,000	197,000	187,000	462,000	674,000	137,000	83,000	57,000	75,000	170,000	100,000	29,000	8,00) S	10,000	24,000	312,000	62,000	23,000	28,000	12,000	51,0	
Some college, vocational, or trade school (including 2-year degrees)	975,000	271,000	146,000	110,000	122,000	326,000	553,000	141,000	60,000	40,000	49,000	135,000	72,000	14,000	6,00	3,000	S	19,000	260,000	74,000	32,000	20,000	13,000	60,0	
Bachelor's degree (e.g., BS, BA, AB)	1,167,000	463,000	146,000	126,000	116,000	316,000	622,000	213,000	57,000	45,000	42,000	126,000	105,000	34,000	9,00	7,000	11,000	21,000	496,000	123,000	30,000	39,000	24,000	103,0	
Master's degree (e.g., MS, MA, MBA)	442,000	137,000	71,000	46,000	86,000	102,000	398,000	154,000	30,000	41,000	28,000	53,000	48,000	19,000	9,00) S	S	S	309,000	81,000	14,000	22,000	20,000	58,0	
Professional degree (e.g., JD, LLB, MD, DDS)	171,000	76,000	15,000	11,000	18,000	50,000	154,000	73,000	6,000	6,000	9,000	24,000	19,000	10,000		D	D	1,000	330,000	141,000	S	10,000	11,000	44,0	
Doctorate (e.g., PhD, DSc, EdD)	92,000	36,000	24,000	S	6,000	21,000	120,000	47,000	8,000	10,000	12,000	21,000	24,000	13,000		D	D	D	165,000	33,000	27,000	11,000	S	24,0	
Not applicable	168,000	60,000	9,000	S	20,000	52,000	53,000	9,000	3,000	2,000	2,000	14,000	9,000	S	l	D	D	D	37,000	D	D	D	D		
Mother's education																									
Less than high school completed	774,000	246,000	125,000	94,000	64,000	244,000	349,000	93,000	47,000	30,000	19,000	64,000	47,000	9,000	2,00	6,000	S	S	198,000	59,000	25,000	1,000	S	18,0	
High school diploma or equivalent	1,582,000	470,000	252,000	219,000	233,000	408,000	763,000	202,000	102,000	61,000	89,000	156,000	97,000	22,000	14,00	5,000	15,000	20,000	394,000	103,000	56,000	32,000	13,000	65,0	
Some college, vocational, or trade school (including 2-year degrees)	1,240,000	382,000	166,000	162,000	147,000	383,000	637,000	185,000	77,000	42,000	42,000	160,000	88,000	27,000	10,00) S	5,000	18,000	401,000	101,000	37,000	29,000	15,000	91,0	
Bachelor's degree (e.g., BS, BA, AB)	1,086,000	382,000	110,000	107,000	130,000	358,000	687,000	215,000	46,000	48,000	60,000	134,000	94,000	37,000	5,00	4,000	5,000	17,000	564,000	150,000	41,000	37,000	48,000	90,0	
Master's degree (e.g., MS, MA, MBA)	385,000	161,000	40,000	27,000	40,000	118,000	369,000	139,000	28,000	42,000	23,000	72,000	74,000	29,000	:	9,000	13,000	12,000	297,000	93,000	9,000	28,000	S	65,0	
Professional degree (e.g., JD, LLB, MD, DDS)	73,000	28,000	S	S	18,000	19,000	50,000	25,000	S	2,000	S	7,000	6,000	1,000	I	D	D	D	134,000	42,000	S	D	D	19,0	
Doctorate (e.g., PhD, DSc, EdD)	46,000	4,000	S	D	5,000	15,000	44,000	13,000	4,000	7,000	S	9,000	12,000	3,000	I	D	D	D	49,000	21,000	S	D	D	4,0	
Not applicable	97,000	48,000	11,000	S	10,000	21,000	32,000	9,000	D	2,000	D	2,000	3,000	S		D	D	D	35,000	D	D	D	D		
Non-S&E fields	23,793,000	9,008,000	3,019,000	3,155,000	2,413,000	6,198,000	12,257,000	4,077,000	1,429,000	1,171,000	1,011,000	2,262,000	874,000	330,000	108,00	91,000	47,000	145,000	1,957,000	848,000	235,000	199,000	107,000	355,0	
Father's education																									
Less than high school completed	3,064,000	1,167,000	563,000	431,000	297,000	606,000	1,684,000	523,000	262,000	154,000	149,000	190,000	116,000	35,000	28,00	8,000	5,000	20,000	136,000	48,000	25,000	18,000	S	29,0	
High school diploma or equivalent	6,045,000	1,912,000	852,000	920,000	589,000	1,773,000	2,835,000	723,000	370,000	328,000	227,000	627,000	166,000	39,000	28,00	26,000	8,000	30,000	334,000	106,000	52,000	43,000	26,000	77,0	
Some college, vocational, or trade school (including 2-year degrees)	4,530,000	1,406,000	641,000	618,000	521,000	1,344,000	2,184,000	588,000	250,000	220,000	263,000	480,000	184,000	83,000	21,00) 19,000	S	S	293,000	110,000	54,000	23,000	14,000	69,0	
Bachelor's degree (e.g., BS, BA, AB)	5,365,000	2,342,000	517,000	678,000	479,000	1,348,000	2,558,000	1,035,000	252,000	233,000	206,000	449,000	155,000	51,000	16,00) S	18,000	31,000	465,000	206,000	40,000	48,000	35,000	81,0	
Master's degree (e.g., MS, MA, MBA)	2,390,000	1,028,000	226,000	219,000	312,000	605,000	1,507,000	598,000	136,000	134,000	75,000	272,000	104,000	49,000	9,00	5,000	4,000	17,000	287,000	152,000	33,000	19,000	9,000	42,0	
Professional degree (e.g., JD, LLB, MD, DDS)	836,000	532,000	67,000	59,000	56,000	122,000	633,000	326,000	48,000	40,000	24,000	87,000	64,000	34,000	2,00) S	5,000	S	261,000	141,000	16,000	20,000	15,000	26,0	
Doctorate (e.g., PhD, DSc, EdD)	641,000	326,000	41,000	77,000	65,000	132,000	558,000	227,000	70,000	49,000	48,000	77,000	57,000	33,000	4,00	6,000	D	S	154,000	73,000	S	26,000	7,000	29,0	
Not applicable	921,000	294,000	113,000	153,000	93,000	268,000	298,000	58,000	41,000	14,000	19,000	79,000	27,000	7,000	I	D	D	S	26,000	13,000	S	D	D	3,0	
Mother's education																									
Less than high school completed	2,859,000	1,093,000	507,000	449,000	228,000	583,000	1,550,000	449,000	243,000	177,000	127,000	168,000	97,000	35,000	9,00	9,000	3,000	17,000	132,000	50,000	17,000	8,000	S	41,0	
High school diploma or equivalent	7,481,000	2,652,000	1,077,000	1.048.000		1.888.000	3,456,000	934,000	429,000	332,000	309.000	714.000	214,000	67,000	34.00		7.000		442.000	168.000	79,000	49.000	15,000	86,0	

TABLE 5-3

College graduates, by broad field of highest degree, father's education, mother's education, level of highest degree, and median amount borrowed to finance undergraduate degree: 2023 (Number)

		Bachelor's								Master's			Doctorate							Professional						
Field of highest degree, father's education, and mother's education	Total	\$0	\$1-\$10,000	\$10,001-\$20,000	\$20,001-\$30,000	\$30,001 and over	Total	\$0	\$1-\$10,000	\$10,001-\$20,000	\$20,001-\$30,000	\$30,001 and over	Total	\$0	\$1-\$10,000	\$10,001-\$20,000	\$20,001-\$30,000	\$30,001 and over	Total	\$0	\$1-\$10,000	\$10,001-\$20,000	\$20,001-\$30,000	\$30,001 and over		
Some college, vocational, or trade school (including 2-year degrees)	5,269,000	1,833,000	659,000	673,000	570,000	1,533,000	2,610,000	886,000	366,000	249,000	202,000	505,000	191,000	68,000	30,000	14,000	25,000	24,000	433,000	198,000	52,000	48,000	35,000	62,000		
Bachelor's degree (e.g., BS, BA, AB)	5,047,000	2,153,000	481,000	619,000	404,000	1,390,000	2,502,000	976,000	230,000	216,000	201,000	470,000	154,000	57,000	22,000	S	4,000	32,000	522,000	204,000	43,000	62,000	32,000	95,000		
Master's degree (e.g., MS, MA, MBA)	2,197,000	858,000	203,000	241,000	324,000	571,000	1,697,000	653,000	130,000	151,000	151,000	340,000	155,000	71,000	12,000	14,000	5,000	39,000	306,000	164,000	37,000	23,000	10,000	54,000		
Professional degree (e.g., JD, LLB, MD, DDS)	232,000	144,000	S	30,000	7,000	45,000	146,000	71,000	18,000	16,000	S	13,000	22,000	14,000	D	D	D	D	62,000	27,000	D	8,000	S	6,000		
Doctorate (e.g., PhD, DSc, EdD)	193,000	73,000	5,000	S	34,000	57,000	153,000	57,000	9,000	19,000	S	30,000	22,000	12,000	D	D	D	D	44,000	25,000	D	D	D	S		
Not applicable	516,000	203,000	81,000	70,000	32,000	130,000	144,000	51,000	4,000	10,000	3,000	22,000	20,000	7,000	D	D	D	D	16,000	12,000	D	D	D	D		

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

S&E = science and engineering.

Note(s):

Numbers are rounded to the nearest 1,000. Detail may not add to total because of rounding. Totals for master's, doctorate, and professional highest degree. These are primarily individuals who earned a first degree at an international institution for which the award is not counted as an undergraduate award by U.S. standards.

Source(s): National Center for Science and Engineering Statistics, National Survey of College Graduates, 2023.