

# **Labor Force**

# The STEM Labor Force: Scientists, Engineers, and Skilled Technical Workers

Supplemental Tables

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This publication is part of the 2024 edition of the *Science and Engineering Indicators* (*Indicators*) suite of reports. *Indicators* is prepared under the guidance of the National Science Board by the National Science Foundation's National Center for Science and Engineering Statistics. The *Indicators* suite consists of a summary report called *The State of U.S. Science and Engineering*, more-detailed thematic reports with supporting data, and a data tool that provides state-level indicators.

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Table SLBR-1
Employed adults, by broad and detailed occupation and educational attainment: 2021

			T	otal, all employed	d adults		STEM occupations	<b>S</b>	Non-STEM occupations			
Broad occupational group	2021 OCC	Detailed occupations	Total	No bachelor's degree	Bachelor's degree or higher	STEM occupations total	STEM occupations, no bachelor's degree (STW)	STEM occupations, bachelor's degree or higher	Non-STEM occupations total	Non-STEM occupations, no bachelor's degree	Non-STEM occupations, bachelor's degree or higher	
na	0010 - 9760	Total	152,367,575	93,146,397	59,221,178	36,803,699	19,255,748	17,547,951	115,563,876	73,890,649	41,673,227	
na	0010 - 0440	Management occupations	17,563,644	7,496,095	10,067,549	2,482,180	1,038,648	1,443,532	15,081,464	6,457,447	8,624,017	
Non-STEM												
occupations	0010	Chief executives and legislators	1,491,136	419,591	1,071,545	na	na	na	1,491,136	419,591	1,071,545	
Non-STEM occupations	0020	General and operations managers	1,177,393	643,319	534,074	na	na	na	1,177,393	643,319	534,074	
Non-STEM occupations	0040	Advertising and promotions managers	72,090	12,907	59,183	na	na	na	72,090	12,907	59,183	
Non-STEM occupations	0051	Marketing managers	569,831	101,440	468,391	na	na	na	569,831	101,440	468,391	
Non-STEM occupations	0052	Sales managers	557,989	214,691	343,298	na	na	na	557,989	214,691	343,298	
Non-STEM occupations	0060	Public relations and fundraising managers	99,564	13,285	86,279	na	na	na	99,564	13,285	86,279	
Non-STEM occupations	0101	Administrative services managers	67,988	30,359	37,629	na	na	na	67,988	30,359	37,629	
Non-STEM occupations	0102	Facilities managers	124,209	78,574	45,635	na	na	na	124,209	78,574	45,635	
S&E occupations- related occupations	0110	Computer and information systems managers	644,924	171,853	473,071	644,924	171,853	473,071	na	na	na	
Non-STEM occupations	0120	Financial managers	1,439,784	538,525	901,259	na	na	na	1,439,784	538,525	901,259	
Non-STEM occupations	0135	Compensation and benefits managers	19,196	4,323	14,873	na	na	na	19,196	4,323	14,873	
Non-STEM occupations	0136	Human resources managers	263,213	68,367	194,846	na	na	na	263,213	68,367	194,846	
Non-STEM occupations	0137	Training and development managers	65,944	24,398	41,546	na	na	na	65,944	24,398	41,546	
STEM middle-skill occupations	0140	Industrial production managers	273,764	142,498	131,266	273,764	142,498		na	na		
Non-STEM occupations	0150	Purchasing managers	231,590	83,459	148,131	na	na		231,590	83,459	148,131	
Non-STEM occupations	0160	Transportation, storage, and distribution managers	303,639			na	na		303,639	206,855		

Table SLBR-1
Employed adults, by broad and detailed occupation and educational attainment: 2021

(N	uı	m	b	er	)

			T	otal, all employed	d adults		STEM occupations	3	Non-STEM occupations			
Broad occupational group	2021 OCC	Detailed occupations	Total	No bachelor's degree	Bachelor's degree or higher	STEM occupations total	STEM occupations, no bachelor's degree (STW)	STEM occupations, bachelor's degree or higher	Non-STEM occupations total	Non-STEM occupations, no bachelor's degree	Non-STEM occupations, bachelor's degree or higher	
STEM middle-skill occupations	0205	Farmers, ranchers, and other agricultural managers	554,364	418,076	136,288	554,364	418,076	136,288	na	na	na	
Non-STEM occupations	0220	Construction managers	984,213	660,911	323,302	na	na	na	984,213	660,911	323,302	
Non-STEM occupations	0230	Education and childcare administrators	985,299	187,458	797,841	na	na	na	985,299	187,458	797,841	
S&E occupations- related occupations	0300	Architectural and engineering managers	216,484	35,937	180,547	216,484	35,937	180,547	na	na	na	
Non-STEM occupations	0310	Food service managers	910,083	696,122	213,961	na	na	na	910,083	696,122	213,961	
Non-STEM occupations	0335	Entertainment and recreation managers	50,783	26,665	24,118	na	na	na	50,783	26,665	24,118	
Non-STEM occupations	0340	Lodging managers	113,513	66,306	47,207	na	na	na	113,513	66,306	47,207	
S&E occupations- related occupations	0350	Medical and health services managers	766,568	268,457	498,111	766,568	268,457	498,111	na	na	na	
S&E occupations- related occupations	0360	Natural sciences managers	26,076	1,827	24,249	26,076	1,827	24,249	na	na	na	
Non-STEM occupations	0410	Property, real estate, and community association managers	575,220	322,300	252,920	na	na	na	575,220	322,300	252,920	
Non-STEM occupations	0420	Social and community service managers	470,651	115,892	354,759	na	na	na	470,651	115,892	354,759	
Non-STEM occupations	0425	Emergency management directors	16,640	6,021	10,619	na	na	na	16,640	6,021	10,619	
Non-STEM occupations	0440	Other managers	4,491,496	1,935,679	2,555,817	na	na	na	4,491,496	1,935,679	2,555,817	
na	0500 - 0960	Business and financial operations occupations	9,294,661	2,794,891	6,499,770	335,435	166,266	169,169	8,959,226	2,628,625	6,330,601	
Non-STEM occupations	0500	Agents and business managers of artists, performers, and athletes	40,006	14,891	25,115	na	na	na	40,006	14,891	25,115	
Non-STEM occupations	0510	Buyers and purchasing agents, farm products	9,731	6,910	2,821	na	na	na	9,731	6,910	2,821	
Non-STEM occupations	0520	Wholesale and retail buyers, except farm products	195,335	125,199	70,136	na	na	na	195,335		70,136	
Non-STEM occupations	0530	Purchasing agents, except wholesale, retail, and farm products	282,008	142,211	139,797	na	na	na	282,008	142,211	139,797	

Table SLBR-1 Employed adults, by broad and detailed occupation and educational attainment: 2021 (Number)

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			Т	otal, all employed	d adults		STEM occupations		Non-STEM occupations			
Broad occupational group	2021 OCC	Detailed occupations	Total	No bachelor's degree	Bachelor's degree or higher	STEM occupations total	STEM occupations, no bachelor's degree (STW)	STEM occupations, bachelor's degree or higher	Non-STEM occupations total	Non-STEM occupations, no bachelor's degree	Non-STEM occupations, bachelor's degree or higher	
Non-STEM occupations	0540	Claims adjusters, appraisers, examiners, and investigators	365,582	182,672	182,910	na	na	na	365,582	182,672	182,910	
Non-STEM occupations	0565	Compliance officers	301,020	107,946	193,074	na	na	na	301,020	107,946	193,074	
Non-STEM occupations	0600	Cost estimators	149,806	89,804	60,002	na	na	na	149,806	89,804	60,002	
Non-STEM occupations	0630	Human resources workers	954,688	341,497	613,191	na	na	na	954,688	341,497	613,191	
Non-STEM occupations	0640	Compensation, benefits, and job analysis specialists	69,597	30,207	39,390	na	na	na	69,597	30,207	39,390	
Non-STEM occupations	0650	Training and development specialists	170,051	77,584	92,467	na	na	na	170,051	77,584	92,467	
S&E occupations	0700	Logisticians	174,350	92,785	81,565	174,350	92,785	81,565	na	na	na	
Non-STEM occupations	0705	Project management specialists	837,912	219,540	618,372	na	na	na	837,912	219,540	618,372	
Non-STEM occupations	0710	Management analysts	1,008,539	209,891	798,648	na	na	na	1,008,539	209,891	798,648	
Non-STEM occupations	0725	Meeting, convention, and event planners	127,867	50,838	77,029	na	na	na	127,867	50,838	77,029	
Non-STEM occupations	0726	Fundraisers	75,559	10,820	64,739	na	na	na	75,559	10,820	64,739	
Non-STEM occupations	0735	Market research analysts and marketing specialists	402,628	93,010	309,618	na	na	na	402,628	93,010	309,618	
Non-STEM occupations	0750	Business operations specialists, all other	601,020	224,253	376,767	na	na	na	601,020	224,253	376,767	
Non-STEM occupations	0800	Accountants and auditors	1,755,167	231,882	1,523,285	na	na	na	1,755,167	231,882	1,523,285	
STEM middle-skill occupations	0810	Property appraisers and assessors	91,099	40,843	50,256	91,099	40,843	50,256	na	na	na	
Non-STEM occupations	0820	Budget analysts	55,386	14,762	40,624	na	na	na	55,386	14,762	40,624	
Non-STEM occupations	0830	Credit analysts	37,713	11,089	26,624	na	na	na	37,713	11,089	26,624	
Non-STEM occupations	0845	Financial and investment analysts	345,355		306,034	na			345,355	39,321	306,034	
Non-STEM occupations	0850	Personal financial advisors	428,283	90,284	337,999	na			428,283	90,284	337,999	

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(Number)

			Т	otal, all employe	d adults		STEM occupations	3		Non-STEM occupation	ons
Broad occupational group	2021 OCC	Detailed occupations	Total	No bachelor's degree	Bachelor's degree or higher	STEM occupations total	STEM occupations, no bachelor's degree (STW)	STEM occupations, bachelor's degree or higher	Non-STEM occupations total	Non-STEM occupations, no bachelor's degree	Non-STEM occupations, bachelor's degree or higher
Non-STEM occupations	0860	Insurance underwriters	124,143	48,472	75,671	na	na	na	124,143	48,472	75,671
Non-STEM occupations	0900	Financial examiners	25,420	7,770		na	na	na		7,770	17,650
Non-STEM occupations	0910	Credit counselors and loan officers	393,020	187,310		na	na			187,310	205,710
STEM middle-skill occupations	0930	Tax examiners and collectors, and revenue agents	69,986			69,986	32,638			na	na
Non-STEM occupations	0940	Tax preparers	91,981	41,258	50,723	na	na	na	91,981	41,258	50,723
Non-STEM occupations	0960	Other financial specialists	111,409	29,204	82,205	na	na	na	111,409	29,204	82,205
na	1005 - 1240	Computer and mathematical occupations	5,764,542	1,650,360	4,114,182	5,764,542	1,650,360	4,114,182	na	na	na
S&E occupations	1005	Computer and information research scientists	26,412			26,412	1,543			na	na
S&E occupations	1006	Computer systems analysts	577,144	142,102	435,042	577,144	142,102	435,042	na	na	na
S&E occupations	1007	Information security analysts	181,833	57,094	124,739	181,833	57,094	124,739	na	na	na
S&E occupations- related occupations	1010	Computer programmers	336,858	95,974	240,884	336,858	95,974	240,884	na	na	na
S&E occupations	1021	Software developers	1,848,520	261,715	1,586,805	1,848,520	261,715	1,586,805	na	na	na
S&E occupations	1022	Software quality assurance analysts and testers	93,837	24,922	68,915	93,837	24,922	68,915	na	na	na
S&E occupations	1031	Web developers	118,659	35,653	83,006	118,659	35,653	83,006	na	na	na
S&E occupations	1032	Web and digital interface designers	78,494	23,992	54,502	78,494	23,992	54,502	na	na	na
S&E occupations	1050	Computer support specialists	726,284	377,392	348,892	726,284	377,392	348,892	na	na	na
S&E occupations	1065	Database administrators and architects	132,006	36,650	95,356	132,006	36,650	95,356	na	na	na
S&E occupations	1105	Network and computer systems administrators	226,355	105,110	121,245	226,355	105,110	121,245	na	na	na
S&E occupations	1106	Computer network architects	112,554	47,735	64,819	112,554	47,735	64,819	na	na	na
S&E occupations	1108	Computer occupations, all other	758,376	348,721	409,655	758,376	348,721	409,655	na	na	na
S&E occupations- related occupations	1200	Actuaries	37,365		36,736	37,365	s	36,736		na	
S&E occupations	1220	Operations research analysts	171,515			171,515	47,783			na	
S&E occupations	1240	Other mathematical science occupations	338,330			338,330	43,345			na	
na	1305 - 1560	Architecture and engineering occupations	3,515,596			3,515,596	1,019,293		na	na	na

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(Number)

(Number)			To	otal, all employed	l adults		STEM occupations	<b>S</b>	Non-STEM occupations		
Broad occupational group	2021 OCC	Detailed occupations	Total	No bachelor's degree	Bachelor's degree or higher	STEM occupations total	STEM occupations, no bachelor's degree (STW)	STEM occupations, bachelor's degree or higher	Non-STEM occupations total	Non-STEM occupations, no bachelor's degree	Non-STEM occupations, bachelor's degree or higher
S&E occupations- related occupations	1305	Architects, except landscape and naval	217,029	16,875	200,154	217,029	16,875	200,154	na	na	na
S&E occupations- related occupations	1306	Landscape architects	37,913	5,505	32,408	37,913	5,505	32,408	na	na	na
S&E occupations- related occupations	1310	Surveyors, cartographers, and photogrammetrists	36,531	8,107	28,424	36,531	8,107	28,424	na	na	na
S&E occupations	1320	Aerospace engineers	148,474	16,186	132,288	148,474	16,186	132,288	na	na	na
S&E occupations	1340	Biomedical and agricultural engineers	22,661	4,980	17,681	22,661	4,980	17,681	na	na	na
S&E occupations	1350	Chemical engineers	93,501	14,344	79,157	93,501	14,344	79,157	na	na	na
S&E occupations	1360	Civil engineers	441,113	51,082	390,031	441,113	51,082	390,031	na	na	na
S&E occupations	1400	Computer hardware engineers	66,313	16,467	49,846	66,313	16,467	49,846	na	na	na
S&E occupations	1410	Electrical and electronics engineers	284,218	49,217	235,001	284,218	49,217	235,001	na	na	na
S&E occupations	1420	Environmental engineers	39,992	3,904	36,088	39,992	3,904	36,088	na	na	na
S&E occupations	1430	Industrial engineers, incl. health and safety	273,730	71,260	202,470	273,730	71,260	202,470	na	na	na
S&E occupations	1440	Marine engineers and naval architects	16,311	4,049	12,262	16,311	4,049	12,262	na	na	na
S&E occupations	1450	Materials engineers	47,492	10,387	37,105	47,492	10,387	37,105	na	na	na
S&E occupations	1460	Mechanical engineers	338,346	57,741	280,605	338,346	57,741	280,605	na	na	na
S&E occupations	1520	Petroleum, mining and geological engineers, incl. mining safety engineers	30,505	5,621	24,884	30,505	5,621	24,884	na	na	na
S&E occupations	1530	Other engineers	692,116	118,771	573,345	692,116	118,771	573,345	na	na	na
S&E occupations- related occupations	1541	Architectural and civil drafters	55,623	41,361	14,262	55,623	41,361	14,262	na	na	na
S&E occupations- related occupations	1545	Other drafters	99,438	73,286	26,152	99,438	73,286	26,152	na	na	na
S&E occupations- related occupations	1551	Electrical and electronic engineering technologists and technicians	94,888	74,124	20,764	94,888	74,124	20,764	na	na	na
S&E occupations- related occupations	1555	Other engineering technologists and technicians, except drafters	406,284	311,519	94,765	406,284	311,519	94,765	na	na	na
S&E occupations- related occupations	1560	Surveying and mapping technicians	73,118	64,507	8,611	73,118	64,507	8,611	na	na	na
na	1600 - 1980	Life, physical, and social science occupations	1,819,327	294,203	1,525,124	1,819,327	294,203	1,525,124	na	na	na
S&E occupations	1600	Agricultural and food scientists	34,313	na	34,313	34,313	na	34,313	na	na	na
S&E occupations	1610	Biological scientists	92,973	na	92,973	92,973	na	92,973	na	na	na
S&E occupations	1640	Conservation scientists and foresters	31,244	na	31,244	31,244	na	31,244	na	na	na

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Employed adults, by broad and detailed occupation and educational attainment: 2021
(Number)

			To	otal, all employed	l adults		STEM occupations	S	Non-STEM occupations		
Broad occupational group	2021 OCC	Detailed occupations	Total	No bachelor's degree	Bachelor's degree or higher	STEM occupations total	STEM occupations, no bachelor's degree (STW)	STEM occupations, bachelor's degree or higher	Non-STEM occupations total	Non-STEM occupations, no bachelor's degree	Non-STEM occupations, bachelor's degree or higher
S&E occupations	1650	Other life scientists	191,526	2,977	188,549	191,526	2,977	188,549	na	na	na
S&E occupations	1700	Astronomers and physicists	15,563	na	15,563	15,563	na	15,563	na	na	na
S&E occupations	1710	Atmospheric and space scientists	17,225	1,205	16,020	17,225	1,205	16,020	na	na	na
S&E occupations	1720	Chemists and materials scientists	100,445	7,879	92,566	100,445	7,879	92,566	na	na	na
S&E occupations	1745	Environmental scientists and specialists, incl. health	42,075	na	42,075	42,075	na	42,075	na	na	na
S&E occupations	1750	Geoscientists and hydrologists, except geographers	46,835	na	46,835	46,835	na		na	na	na
S&E occupations	1760	Physical scientists, all other	369,506	na	369,506	369,506	na	·	na	na	na
S&E occupations	1800	Economists	33,190	na	33,190	33,190	na	·	na	na	na
S&E occupations	1821	Clinical and counseling psychologists	24,330	na	24,330	24,330	na	· ·	na	na	na
S&E occupations	1822	School psychologists	56,445	na	56,445	56,445	na		na	na	na
S&E occupations	1825	Other psychologists	161,914	na	161,914	161,914	na	·	na	na	na
S&E occupations	1840	Urban and regional planners	41,359	na	41,359	41,359	na	· ·	na	na	na
S&E occupations	1860	Other social scientists	48,605	2,955	45,650	48,605	2,955	45,650	na	na	na
S&E occupations- related occupations	1900	Agricultural and food science technicians	46,370	33,629	12,741	46,370	33,629	12,741	na	na	na
S&E occupations- related occupations	1910	Biological technicians	32,239	17,423	14,816	32,239	17,423	14,816	na	na	na
S&E occupations- related occupations	1920	Chemical technicians	59,643	38,179	21,464	59,643	38,179	21,464	na	na	na
S&E occupations- related occupations	1935	Environmental science and geoscience technicians, and nuclear technicians	24,146	12,883	11,263	24,146	12,883	11,263	na	na	na
S&E occupations- related occupations	1970	Other life, physical, and social science technicians	258,374	132,359	126,015	258,374	132,359	126,015	na	na	na
S&E occupations- related occupations	1980	Occupational health and safety specialists and technicians	91,007	44,714	46,293	91,007	44,714	46,293	na	na	na
na	2001 - 2060	Community and social service occupations	2,783,800	645,550	2,138,250	na	na	na	2,783,800	645,550	2,138,250
Non-STEM occupations	2001	Substance abuse and behavioral disorder counselors	138,226	26,516	111,710	na	na	na	138,226	26,516	111,710
Non-STEM occupations	2002	Educational, guidance, and career counselors and advisors	380,374	57,437	322,937	na	na	na	380,374	57,437	322,937
Non-STEM occupations	2003	Marriage and family therapists	35,897	3,826	32,071	na	na	na	35,897	3,826	32,071

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Broad occupational group	2021 OCC	Detailed occupations	Total	No bachelor's degree	Bachelor's degree or higher	STEM occupations total	STEM occupations, no bachelor's degree (STW)	STEM occupations, bachelor's degree or higher	Non-STEM occupations total	Non-STEM occupations, no bachelor's degree	Non-STEM occupations, bachelor's degree or higher	
Non-STEM occupations	2004	Mental health counselors	173,088	19,436	153,652	na	na	na	173,088	19,436	153,652	
Non-STEM occupations	2005	Rehabilitation counselors	19,565	6,628	12,937	na	na	na	19,565	6,628	12,937	
Non-STEM occupations	2006	Counselors, all other	191,839	54,298	137,541	na	na	na	191,839	54,298	137,541	
Non-STEM occupations	2011	Child, family, and school social workers	75,679	15,462	60,217	na	na	na	75,679	15,462	60,217	
Non-STEM occupations	2012	Healthcare social workers	90,022	34,954	55,068	na	na	na	90,022	34,954	55,068	
Non-STEM occupations	2013	Mental health and substance abuse social workers	36,071	3,796	32,275	na	na	na	36,071	3,796	32,275	
Non-STEM occupations	2014	Social workers, all other	595,783	91,014	504,769	na	na	na	595,783	91,014	504,769	
Non-STEM occupations	2015	Probation officers and correctional treatment specialists	97,585	14,091	83,494	na	na	na	97,585	14,091	83,494	
Non-STEM occupations	2016	Social and human service assistants	230,847	107,256	123,591	na	na	na	230,847	107,256	123,591	
Non-STEM occupations	2025	Other community and social service specialists	104,528	41,020	63,508	na	na	na	104,528	41,020	63,508	
Non-STEM occupations	2040	Clergy	464,828	112,239	352,589	na	na	na	464,828	112,239	352,589	
Non-STEM occupations	2050	Directors, religious activities and education	70,056	25,678	44,378	na	na	na	70,056	25,678	44,378	
Non-STEM occupations	2060	Religious workers, all other	79,412	31,899	47,513	na	na	na	79,412	31,899	47,513	
na	2100 - 2180	Legal occupations	1,894,865	356,528	1,538,337	na	na	na	1,894,865	356,528	1,538,337	
Non-STEM occupations	2100	Lawyers, and judges, magistrates, and other judicial workers	1,257,721	28,998	1,228,723	na	na	na	1,257,721	28,998	1,228,723	
Non-STEM occupations	2105	Judicial law clerks	25,735	8,996		na	na		25,735		16,739	
Non-STEM occupations	2145	Paralegals and legal assistants	452,554	231,162		na	na		452,554	231,162	221,392	
Non-STEM occupations	2170	Title examiners, abstractors, and searchers	97,677	63,546		na	na		97,677	63,546		

Table SLBR-1 Employed adults, by broad and detailed occupation and educational attainment: 2021

(	N	uı	n	b	e	r`

			Т	otal, all employed	dadults		STEM occupations	3		Non-STEM occupation	ons
Broad occupational group	2021 OCC	Detailed occupations	Total	No bachelor's degree	Bachelor's degree or higher	STEM occupations total	STEM occupations, no bachelor's degree (STW)	STEM occupations, bachelor's degree or higher	Non-STEM occupations total	Non-STEM occupations, no bachelor's degree	Non-STEM occupations, bachelor's degree or higher
Non-STEM occupations	2180	Legal support workers, all other	61,178	23,826	37,352	na	na	na	61,178	23,826	37,352
na	2205 - 2555	Educational instruction and library occupations	9,715,380	2,188,146	7,527,234	na	na	na	9,715,380	2,188,146	7,527,234
Non-STEM occupations	2205	Postsecondary teachers	1,442,505	131,225	1,311,280	na	na	na	1,442,505	131,225	1,311,280
Non-STEM occupations	2300	Preschool and kindergarten teachers	777,789	371,462	406,327	na	na	na	777,789	371,462	406,327
Non-STEM occupations	2310	Elementary and middle school teachers	3,024,476	158,123	2,866,353	na	na	na	3,024,476	158,123	2,866,353
Non-STEM occupations	2320	Secondary school teachers	1,317,945	54,181	1,263,764	na	na	na	1,317,945	54,181	1,263,764
Non-STEM occupations	2330	Special education teachers	441,064	47,526	393,538	na	na	na	441,064	47,526	393,538
Non-STEM occupations	2350	Tutors	192,553	99,632	92,921	na	na	na	192,553	99,632	92,921
Non-STEM occupations	2360	Other teachers and instructors	747,755	314,127	433,628	na	na	na	747,755	314,127	433,628
Non-STEM occupations	2400	Archivists, curators, and museum technicians	70,007	15,404	54,603	na	na	na	70,007	15,404	54,603
Non-STEM occupations	2435	Librarians and media collections specialists	194,385	35,770	158,615	na	na	na	194,385	35,770	158,615
Non-STEM occupations	2440	Library technicians	36,619	23,593	13,026	na	na	na	36,619	23,593	13,026
Non-STEM occupations	2545	Teaching assistants	1,311,380	893,269	418,111	na	na	na	1,311,380	893,269	418,111
Non-STEM occupations	2555	Other educational instruction and library workers	158,902	43,834	115,068	na	na	na	158,902	43,834	115,068
na	2600 - 2920	Arts, design, entertainment, sports, and media occupations	3,119,805	1,146,841	1,972,964	449,375	204,034	245,341	2,670,430	942,807	1,727,623
Non-STEM occupations	2600	Artists and related workers	274,689	124,287	150,402	na	na	na	274,689	124,287	150,402
Non-STEM occupations	2631	Commercial and industrial designers	15,355	4,778	10,577	na	na	na	15,355	4,778	10,577
Non-STEM occupations	2632	Fashion designers	27,839	11,461	16,378	na	na	na	27,839	11,461	16,378

Table SLBR-1
Employed adults, by broad and detailed occupation and educational attainment: 2021

(N	lum	ber]
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			T	otal, all employed	d adults		STEM occupations	3		Non-STEM occupation	ns
Broad occupational group	2021 OCC	Detailed occupations	Total	No bachelor's degree	Bachelor's degree or higher	STEM occupations total	STEM occupations, no bachelor's degree (STW)	STEM occupations, bachelor's degree or higher	Non-STEM occupations total	Non-STEM occupations, no bachelor's degree	Non-STEM occupations, bachelor's degree or higher
Non-STEM occupations	2633	Floral designers	55,584	44,879	10,705	na	na	na	55,584	44,879	10,705
Non-STEM occupations	2634	Graphic designers	304,522	99,490	205,032	na	na	na	304,522	99,490	205,032
Non-STEM occupations	2635	Interior designers	103,934	26,657	77,277	na	na	na	103,934	26,657	77,277
Non-STEM occupations	2636	Merchandise displayers and window trimmers	30,586	18,506	12,080	na	na	na	30,586	18,506	12,080
Non-STEM occupations	2640	Other designers	342,658	127,543	215,115	na	na	na	342,658	127,543	215,115
Non-STEM occupations	2700	Actors	37,038	12,225	24,813	na	na	na	37,038	12,225	24,813
Non-STEM occupations	2710	Producers and directors	207,208	51,525	155,683	na	na	na	207,208	51,525	155,683
Non-STEM occupations	2721	Athletes and sports competitors	33,613	13,995	19,618	na	na	na	33,613	13,995	19,618
Non-STEM occupations	2722	Coaches and scouts	230,515	97,520	132,995	na	na	na	230,515	97,520	132,995
Non-STEM occupations	2723	Umpires, referees, and other sports officials	16,175	11,383	4,792	na	na	na	16,175	11,383	4,792
Non-STEM occupations	2740	Dancers and choreographers	13,936	10,183	3,753	na	na	na	13,936	10,183	3,753
Non-STEM occupations	2751	Music directors and composers	41,342	13,015	28,327	na	na	na	41,342	13,015	28,327
Non-STEM occupations	2752	Musicians and singers	122,585	54,576	68,009	na	na	na	122,585	54,576	68,009
Non-STEM occupations	2755	Disc jockeys, except radio	12,172	8,695	3,477	na	na	na	12,172	8,695	3,477
Non-STEM occupations	2770	Entertainers and performers, sports and related workers, all other	33,262	20,573	12,689	na	na	na	33,262	20,573	12,689
Non-STEM occupations	2805	Broadcast announcers and radio disc jockeys	23,710	10,774	12,936	na	na	na	23,710		12,936
Non-STEM occupations	2810	News analysts, reporters, and journalists	84,222	13,496	70,726	na	na	na	84,222	13,496	70,726
Non-STEM occupations	2825	Public relations specialists	141,619	23,581	118,038	na	na	na	141,619		118,038

Table SLBR-1 Employed adults, by broad and detailed occupation and educational attainment: 2021

(Number)											
			T	otal, all employe	d adults		STEM occupations	5		Non-STEM occupation	ns
Broad occupational group	2021 OCC	Detailed occupations	Total	No bachelor's degree	Bachelor's degree or higher	STEM occupations total	STEM occupations, no bachelor's degree (STW)	STEM occupations, bachelor's degree or higher	Non-STEM occupations total	Non-STEM occupations, no bachelor's degree	Non-STEM occupations, bachelor's degree or higher
Non-STEM occupations	2830	Editors	140,905	23,014	117,891	na	na	na	140,905	23,014	117,891
STEM middle-skill occupations	2840	Technical writers	66,136	14,001	52,135	66,136	14,001	52,135	na	na	na
Non-STEM occupations	2850	Writers and authors	225,052	43,192	181,860	na	na	na	225,052	43,192	181,860
Non-STEM occupations	2861	Interpreters and translators	92,036	42,088	49,948	na	na	na	92,036	42,088	49,948
Non-STEM occupations	2862	Court reporters and simultaneous captioners	32,080	25,599	6,481	na	na	na	32,080	25,599	6,481
Non-STEM occupations	2865	Media and communication workers, all other	27,793	9,772	18,021	na	na	na	27,793	9,772	18,021
STEM middle-skill occupations	2905	Other media and communication equipment workers	107,862	61,496	46,366	107,862	61,496	46,366	na	na	na
STEM middle-skill occupations	2910	Photographers	172,012	88,256	83,756	172,012	88,256	83,756	na	na	na
STEM middle-skill occupations	2920	Television, video, and film camera operators and editors	103,365	40,281	63,084	103,365	40,281	63,084	na	na	na
na	3000 - 3550	Healthcare practitioners and technical occupations	9,979,262	3,629,184	6,350,078	9,979,262	3,629,184	6,350,078	na	na	na
S&E occupations- related occupations	3000	Chiropractors	72,072	2,463	69,609	72,072	2,463	69,609	na	na	na
S&E occupations- related occupations	3010	Dentists	178,526	na	178,526	178,526	na	178,526	na	na	na
S&E occupations- related occupations	3030	Dietitians and nutritionists	117,401	24,179	93,222	117,401	24,179	93,222	na	na	na
S&E occupations- related occupations	3040	Optometrists	50,335	na	50,335	50,335	na	50,335	na	na	na
S&E occupations- related occupations	3050	Pharmacists	344,479	10,142	334,337	344,479	10,142	334,337	na	na	na
S&E occupations- related occupations	3090	Physicians	909,525	na	909,525	909,525	na	909,525	na	na	na
S&E occupations- related occupations	3100	Surgeons	58,668	na	58,668	58,668	na	58,668	na	na	na
S&E occupations- related occupations	3110	Physician assistants	168,064	14,096	153,968	168,064	14,096	153,968	na	na	na

Table SLBR-1
Employed adults, by broad and detailed occupation and educational attainment: 2021

(N	ur	nl	be	r)

			To	otal, all employed	d adults		STEM occupations	<b>3</b>		Non-STEM occupation	ns
Broad occupational group	2021 OCC	Detailed occupations	Total	No bachelor's degree	Bachelor's degree or higher	STEM occupations total	STEM occupations, no bachelor's degree (STW)	STEM occupations, bachelor's degree or higher	Non-STEM occupations total	Non-STEM occupations, no bachelor's degree	Non-STEM occupations, bachelor's degree or higher
S&E occupations- related occupations	3120	Podiatrists	12,213	na	12,213	12,213	na	12,213	na	na	na
S&E occupations- related occupations	3140	Audiologists	18,212	513	17,699	18,212	513	17,699	na	na	na
S&E occupations- related occupations	3150	Occupational therapists	143,829	8,189	135,640	143,829	8,189	135,640	na	na	na
S&E occupations- related occupations	3160	Physical therapists	290,113	20,039	270,074	290,113	20,039	270,074	na	na	na
S&E occupations- related occupations	3200	Radiation therapists	15,826	7,045	8,781	15,826	7,045	8,781	na	na	na
S&E occupations- related occupations	3210	Recreational therapists	19,225	6,258	12,967	19,225	6,258	12,967	na	na	na
S&E occupations- related occupations	3220	Respiratory therapists	131,893	87,712	44,181	131,893	87,712	44,181	na	na	na
S&E occupations- related occupations	3230	Speech-language pathologists	197,059	4,990	192,069	197,059	4,990	192,069	na	na	na
S&E occupations- related occupations	3245	Other therapists	219,770	31,294	188,476	219,770	31,294	188,476	na	na	na
S&E occupations- related occupations	3250	Veterinarians	95,074	na	95,074	95,074	na	95,074	na	na	na
S&E occupations- related occupations	3255	Registered nurses	3,403,771	1,102,732	2,301,039	3,403,771	1,102,732	2,301,039	na	na	na
S&E occupations- related occupations	3256	Nurse anesthetists	44,561	1,618	42,943	44,561	1,618	42,943	na	na	na
S&E occupations- related occupations	3258	Nurse practitioners, and nurse midwives	290,344	6,901	283,443	290,344	6,901	283,443	na	na	na
S&E occupations- related occupations	3261	Acupuncturists	18,277	849	17,428	18,277	849	17,428	na	na	na
S&E occupations- related occupations	3270	Healthcare diagnosing or treating practitioners, all other	12,844	2,724	10,120	12,844	2,724	10,120	na	na	na
S&E occupations- related occupations	3300	Clinical laboratory technologists and technicians	322,479	153,544	168,935	322,479	153,544		na	na	na
S&E occupations- related occupations	3310	Dental hygienists	193,321	117,138	76,183	193,321	117,138	76,183	na	na	na
S&E occupations- related occupations	3321	Cardiovascular technologists and technicians	54,145	31,829		54,145	31,829	22,316	na	na	na

Table SLBR-1
Employed adults, by broad and detailed occupation and educational attainment: 2021
(Number)

(Number)												
			T	otal, all employe	d adults		STEM occupations	S		Non-STEM occupation	ons	
Broad occupational group	2021 OCC	Detailed occupations	Total	No bachelor's degree	Bachelor's degree or higher	STEM occupations total	STEM occupations, no bachelor's degree (STW)	STEM occupations, bachelor's degree or higher	Non-STEM occupations total	Non-STEM occupations, no bachelor's degree	Non-STEM occupations, bachelor's degree or higher	
S&E occupations- related occupations	3322	Diagnostic medical sonographers	108,172	54,669	53,503	108,172	54,669	53,503	na	na	na	
S&E occupations- related occupations	3323	Radiologic technologists and technicians	232,849	170,750	62,099	232,849	170,750	62,099	na	na	na	
S&E occupations- related occupations	3324	Magnetic resonance imaging technologists	50,736	25,737	24,999	50,736	25,737	24,999	na	na	na	
S&E occupations- related occupations	3330	Nuclear medicine technologists and medical dosimetrists	31,764	7,528	24,236	31,764	7,528	24,236	na	na	na	
S&E occupations- related occupations	3401	Emergency medical technicians	119,547	96,371	23,176	119,547	96,371	23,176	na	na	na	
S&E occupations- related occupations	3402	Paramedics	102,606	76,993	25,613	102,606	76,993	25,613	na	na	na	
S&E occupations- related occupations	3421	Pharmacy technicians	382,756	309,023	73,733	382,756	309,023	73,733	na	na	na	
S&E occupations- related occupations	3422	Psychiatric technicians	105,113	58,017	47,096	105,113	58,017	47,096	na	na	na	
S&E occupations- related occupations	3423	Surgical technologists	114,278	99,131	15,147	114,278	99,131	15,147	na	na	na	
S&E occupations- related occupations	3424	Veterinary technologists and technicians	165,486	124,995	40,491	165,486	124,995	40,491	na	na	na	
S&E occupations- related occupations	3430	Dietetic technicians and ophthalmic medical technicians	50,102	43,479	6,623	50,102	43,479	6,623	na	na	na	
S&E occupations- related occupations	3500	Licensed practical and licensed vocational nurses	601,894	571,670	30,224	601,894	571,670	30,224	na	na	na	
S&E occupations- related occupations	3515	Medical records specialists	199,488	159,896	39,592	199,488	159,896	39,592	na	na	na	
S&E occupations- related occupations	3520	Opticians, dispensing	73,645	57,123	16,522	73,645	57,123	16,522	na	na	na	
S&E occupations- related occupations	3545	Misc. health technologists and technicians	155,327	104,698	50,629	155,327	104,698	50,629	na	na	na	
S&E occupations- related occupations	3550	Other healthcare practitioners and technical occupations	103,473	34,849	68,624	103,473	34,849	68,624	na	na	na	
na	3601 - 3655	Healthcare support occupations	5,102,182	4,353,606	748,576	na	na	na	5,102,182	4,353,606	748,576	
Non-STEM occupations	3601	Home health aides	549,754	490,487	59,267	na	na	na	549,754	490,487	59,267	

Table SLBR-1
Employed adults, by broad and detailed occupation and educational attainment: 2021
(Number)

			T	otal, all employed	d adults		STEM occupations	3		Non-STEM occupation	ons
Broad occupational group	2021 OCC	Detailed occupations	Total	No bachelor's degree	Bachelor's degree or higher	STEM occupations total	STEM occupations, no bachelor's degree (STW)	STEM occupations, bachelor's degree or higher	Non-STEM occupations total	Non-STEM occupations, no bachelor's degree	Non-STEM occupations, bachelor's degree or higher
Non-STEM occupations	3602	Personal care aides	1,474,618	1,264,694	209,924	na	na	na	1,474,618	1,264,694	209,924
Non-STEM occupations	3603	Nursing assistants	1,279,465	1,163,402	116,063	na	na	na	1,279,465	1,163,402	116,063
Non-STEM occupations	3605	Orderlies and psychiatric aides	63,818	54,681	9,137	na	na	na	63,818	54,681	9,137
Non-STEM occupations	3610	Occupational therapy assistants and aides	51,755	39,697	12,058	na	na	na	51,755	39,697	12,058
Non-STEM occupations	3620	Physical therapist assistants and aides	114,449	71,139	43,310	na	na	na	114,449	71,139	43,310
Non-STEM occupations	3630	Massage therapists	172,524	130,105	42,419	na	na	na	172,524	130,105	42,419
Non-STEM occupations	3640	Dental assistants	294,669	259,305	35,364	na	na	na	294,669	259,305	35,364
Non-STEM occupations	3645	Medical assistants	611,017	506,878	104,139	na	na	na	611,017	506,878	104,139
Non-STEM occupations	3646	Medical transcriptionists	48,651	26,960	21,691	na	na	na	48,651	26,960	21,691
Non-STEM occupations	3647	Pharmacy aides	38,380	30,827	7,553	na	na	na	38,380	30,827	7,553
Non-STEM occupations	3648	Veterinary assistants and laboratory animal caretakers	72,884	53,660	19,224	na	na	na	72,884	53,660	19,224
Non-STEM occupations	3649	Phlebotomists	117,259	101,703	15,556	na	na	na	117,259	101,703	15,556
Non-STEM occupations	3655	Other healthcare support workers	212,939	160,068	52,871	na	na	na	212,939	160,068	52,871
na	3700 - 3960	Protective service occupations	3,222,115	2,271,871	950,244	338,674	258,158	80,516	2,883,441	2,013,713	869,728
Non-STEM occupations	3700	First-line supervisors of correctional officers	38,752	28,460	10,292	na	na	na	38,752	28,460	10,292
Non-STEM occupations	3710	First-line supervisors of police and detectives	95,404	50,523	44,881	na	na	na	95,404	50,523	44,881
Non-STEM occupations	3720	First-line supervisors of firefighting and prevention workers	47,549	32,315	15,234	na	na		47,549	32,315	
Non-STEM occupations	3725	Misc. first-line supervisors, protective service workers	75,958	48,086	27,872	na	na		75,958	48,086	

Table SLBR-1 Employed adults, by broad and detailed occupation and educational attainment: 2021

# (Number)

			T	otal, all employed	l adults		STEM occupations	1		Non-STEM occupation	ons
Broad occupational group	2021 OCC	Detailed occupations	Total	No bachelor's degree	Bachelor's degree or higher	STEM occupations total	STEM occupations, no bachelor's degree (STW)	STEM occupations, bachelor's degree or higher	Non-STEM occupations total	Non-STEM occupations, no bachelor's degree	Non-STEM occupations, bachelor's degree or higher
STEM middle-skill occupations	3740	Firefighters	338,674	258,158	80,516	338,674	258,158	80,516	na	na	na
Non-STEM occupations	3750	Fire inspectors	25,208	19,982	5,226	na	na	na	25,208	19,982	5,226
Non-STEM occupations	3801	Bailiffs	33,617	22,624	10,993	na	na	na	33,617	22,624	10,993
Non-STEM occupations	3802	Correctional officers and jailers	366,644	300,282	66,362	na	na	na	366,644	300,282	66,362
Non-STEM occupations	3820	Detectives and criminal investigators	138,504	49,370	89,134	na	na	na	138,504	49,370	89,134
Non-STEM occupations	3840	Fish and game wardens and parking enforcement officers	19,211	10,750	8,461	na	na	na	19,211	10,750	8,461
Non-STEM occupations	3870	Police officers	832,111	497,662	334,449	na	na	na	832,111	497,662	334,449
Non-STEM occupations	3900	Animal control workers	8,590	6,577	2,013	na	na	na	8,590	6,577	2,013
Non-STEM occupations	3910	Private detectives and investigators	106,096	41,834	64,262	na	na	na	106,096	41,834	64,262
Non-STEM occupations	3930	Security guards and gambling surveillance officers	880,332	730,383	149,949	na	na	na	880,332	730,383	149,949
Non-STEM occupations	3940	Crossing guards and flaggers	45,494	41,424	4,070	na	na	na	45,494		4,070
Non-STEM occupations	3945	Transportation security screeners	47,892	35,541	12,351	na	na	na	47,892	35,541	12,351
Non-STEM occupations	3946	School bus monitors	34,922	33,305	1,617	na	na	na	34,922		1,617
Non-STEM occupations	3960	Other protective service workers	87,157	64,595	22,562	na	na	na	87,157	64,595	22,562
na	4000 - 4160	Food preparation and serving related occupations	6,651,203	5,984,288	666,915	434,499	377,620	56,879	6,216,704	5,606,668	610,036
STEM middle-skill occupations	4000	Chefs and head cooks	434,499	377,620	56,879	434,499	377,620		na		na
Non-STEM occupations	4010	First-line supervisors of food preparation and serving workers	453,516	398,912	54,604	na	na		453,516		54,604
Non-STEM occupations	4020	Cooks	1,808,841	1,700,867	107,974	na	na		1,808,841	1,700,867	107,974

na

69,530

70,827

196,435

19,555

12,691

7,301

21,680

2,022

400,537

34,553

27,268

144.050

76,442

14,036

91,697

10,042

2,449

Non-STEM occupations

671,532

300,777

557,815

1,293,704

147,556

165,961

200.946

159,590

9,008

4,754,688

190,100

123,793

2.111.130

1,125,106

1,028,883

78,804

85,186

11,686

Non-STEM occupations.

bachelor's degree or higher

47,417

69,530

70,827

196,435

19,555

12,691

7,301

21,680

2,022

400,537

34,553

27,268

144,050

76,442

14,036

91,697

10,042

2,449

Non-STEM occupations,

no bachelor's degree

STEM occupations.

na

bachelor's degree or higher occupations total

na

Non-STEM

718,949

370,307

628,642

1,490,139

167,111

178,652

208.247

181,270

11,030

5,155,225

224,653

151,061

2.255.180

1,201,548

1,120,580

92,840

95,228

14,135

Table SLBR-1 Employed adults, by broad and detailed occupation and educational attainment: 2021

Bartenders

Fast food and counter workers

Waiters and waitresses

bartender helpers

Dishwashers

coffee shop

all other

occupations

janitorial workers

Pest control workers

Tree trimmers and pruners

Food servers, nonrestaurant

Dining room and cafeteria attendants and

Hosts and hostesses, restaurant, lounge, and

Food preparation and serving related workers,

Building and grounds cleaning and maintenance

First-line supervisors of housekeeping and

First-line supervisors of landscaping, lawn

Landscaping and groundskeeping workers

Other grounds maintenance workers

service, and groundskeeping workers

Janitors and building cleaners

Maids and housekeeping cleaners

4040

4055

4110

4120

4130

4140

4150

4160

4200 -

4255

4200

4210

4220

4230

4240

4251

4252

4255

occupations

occupations

Non-STEM

Non-STEM occupations

Non-STEM

Non-STEM

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Non-STEM occupations

Non-STEM

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Non-STEM

Non-STEM

Non-STEM

occupations

			T	otal, all employed	l adults		STEM occupations	s
Broad occupational group	2021 OCC	Detailed occupations	Total	No bachelor's degree	Bachelor's degree or higher	STEM occupations total	STEM occupations, no bachelor's degree (STW)	b
Non-STEM occupations	4030	Food preparation workers	718,949	671,532	47,417	na	na	T
Non-STEM								Τ

370,307

628,642

1,490,139

167,111

178,652

208.247

181,270

11,030

5,155,225

224,653

151,061

2,255,180

1,201,548

1,120,580

92,840

95,228

14,135

300,777

557,815

1,293,704

147,556

165,961

200.946

159,590

9,008

4,754,688

190,100

123,793

2,111,130

1,125,106

1,028,883

78,804

85,186

11,686

Table SLBR-1
Employed adults, by broad and detailed occupation and educational attainment: 2021

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			To	otal, all employed	l adults		STEM occupations	3	Non-STEM occupations			
Broad occupational group	2021 OCC	Detailed occupations	Total	No bachelor's degree	Bachelor's degree or higher	STEM occupations total	STEM occupations, no bachelor's degree (STW)	STEM occupations, bachelor's degree or higher	Non-STEM occupations total	Non-STEM occupations, no bachelor's degree	Non-STEM occupations, bachelor's degree or higher	
na	4330 - 4655	Personal care and service occupations	3,500,022	2,822,192	677,830	na	na	na	3,500,022	2,822,192	677,830	
Non-STEM occupations	4330	Supervisors of personal care and service workers	56,220	44,741	11,479	na	na	na	56,220	44,741	11,479	
Non-STEM occupations	4340	Animal trainers	52,772	37,052	15,720	na	na	na	52,772	37,052	15,720	
Non-STEM occupations	4350	Animal caretakers	277,169	219,967	57,202	na	na	na	277,169	219,967	57,202	
Non-STEM occupations	4400	Gambling services workers	96,509	79,065	17,444	na	na	na	96,509	79,065	17,444	
Non-STEM occupations	4420	Ushers, lobby attendants, and ticket takers	19,587	16,207	3,380	na	na	na	19,587	16,207	3,380	
Non-STEM occupations	4435	Other entertainment attendants and related workers	175,138	138,921	36,217	na	na	na	175,138	138,921	36,217	
Non-STEM occupations	4461	Embalmers, crematory operators and funeral attendants	15,317	12,408	2,909	na	na	na	15,317	12,408	2,909	
Non-STEM occupations	4465	Morticians, undertakers, and funeral arrangers	39,782	28,012	11,770	na	na	na	39,782	28,012	11,770	
Non-STEM occupations	4500	Barbers	105,524	99,378	6,146	na	na	na	105,524	99,378	6,146	
Non-STEM occupations	4510	Hairdressers, hairstylists, and cosmetologists	748,256	699,852	48,404	na	na	na	748,256	699,852	48,404	
Non-STEM occupations	4521	Manicurists and pedicurists	243,258	224,234	19,024	na	na	na	243,258	224,234	19,024	
Non-STEM occupations	4522	Skincare specialists	80,018	63,453	16,565	na	na	na	80,018	63,453	16,565	
Non-STEM occupations	4525	Other personal appearance workers	23,130	18,295	4,835	na	na	na	23,130	18,295	4,835	
Non-STEM occupations	4530	Baggage porters, bellhops, and concierges	72,869	60,669	12,200	na	na	na	72,869	60,669	12,200	
Non-STEM occupations	4540	Tour and travel guides	55,653	36,921	18,732	na	na	na	55,653	36,921	18,732	
Non-STEM occupations	4600	Childcare workers	857,119	681,304	175,815	na	na	na	857,119	681,304	175,815	
Non-STEM occupations	4621	Exercise trainers and group fitness instructors	234,332	104,990	129,342	na	na	na	234,332	104,990	129,342	

Table SLBR-1 Employed adults, by broad and detailed occupation and educational attainment: 2021

(N	ıım	ıhe	r)

			T	otal, all employed	d adults		STEM occupations	3	Non-STEM occupations		
Broad occupational group	2021 OCC	Detailed occupations	Total	No bachelor's degree	Bachelor's degree or higher	STEM occupations total	STEM occupations, no bachelor's degree (STW)	STEM occupations, bachelor's degree or higher	Non-STEM occupations total	Non-STEM occupations, no bachelor's degree	Non-STEM occupations, bachelor's degree or higher
Non-STEM occupations	4622	Recreation workers	147,863	102,390	45,473	na	na	na	147,863	102,390	45,473
Non-STEM occupations	4640	Residential advisors	86,280	74,562	11,718	na	na	na	86,280	74,562	11,718
Non-STEM occupations	4655	Personal care and service workers, all other	113,226	79,771	33,455	na	na	na	113,226	79,771	33,455
na	4700 - 4965	Sales and related occupations	13,635,898	9,385,300	4,250,598	55,388	12,482	42,906	13,580,510	9,372,818	4,207,692
Non-STEM occupations	4700	First-line supervisors of retail sales workers	2,826,945	2,066,389	760,556	na	na	na	2,826,945	2,066,389	760,556
Non-STEM occupations	4710	First-line supervisors of non-retail sales workers	1,012,049	585,146	426,903	na	na	na	1,012,049	585,146	426,903
Non-STEM occupations	4720	Cashiers	2,456,622	2,234,492	222,130	na	na	na	2,456,622	2,234,492	222,130
Non-STEM occupations	4740	Counter and rental clerks	67,358	51,984	15,374	na	na	na	67,358	51,984	15,374
Non-STEM occupations	4750	Parts salespersons	124,129	113,640	10,489	na	na	na	124,129	113,640	10,489
Non-STEM occupations	4760	Retail salespersons	2,730,818	2,114,561	616,257	na	na	na	2,730,818	2,114,561	616,257
Non-STEM occupations	4800	Advertising sales agents	109,292	41,560	67,732	na	na	na	109,292	41,560	67,732
Non-STEM occupations	4810	Insurance sales agents	595,994	318,457	277,537	na	na	na	595,994	318,457	277,537
Non-STEM occupations	4820	Securities, commodities, and financial services sales agents	215,553	58,441	157,112	na	na	na	215,553	58,441	157,112
Non-STEM occupations	4830	Travel agents	51,106	31,243	19,863	na	na	na	51,106	31,243	19,863
Non-STEM occupations	4840	Sales representatives of services, except advertising, insurance, financial services, and travel	636,151	295,428	340,723	na	na	na	636,151	295,428	340,723
Non-STEM occupations	4850	Sales representatives, wholesale and manufacturing	1,201,619	613,311	588,308	na	na	na	1,201,619	613,311	588,308
Non-STEM occupations	4900	Models, demonstrators, and product promoters	31,198	23,538	7,660	na	na	na	31,198	23,538	7,660
Non-STEM occupations	4920	Real estate brokers and sales agents	921,677	431,684	489,993	na	na	na	921,677	431,684	489,993

Table SLBR-1
Employed adults, by broad and detailed occupation and educational attainment: 2021
(Number)

			To	otal, all employed	d adults		STEM occupations	S	Non-STEM occupations		
Broad occupational group	2021 0CC	Detailed occupations	Total	No bachelor's degree	Bachelor's degree or higher	STEM occupations total	STEM occupations, no bachelor's degree (STW)	STEM occupations, bachelor's degree or higher	Non-STEM occupations total	Non-STEM occupations, no bachelor's degree	Non-STEM occupations, bachelor's degree or higher
S&E occupations	4930	Sales engineers	55,388	12,482	42,906	55,388	12,482	42,906	na	na	na
Non-STEM											
occupations	4940	Telemarketers	28,748	23,894	4,854	na	na	na	28,748	23,894	4,854
Non-STEM		Door-to-door sales workers, news and street									
occupations	4950	vendors, and related workers	88,230	65,947	22,283	na	na	na	88,230	65,947	22,283
Non-STEM	4065		400.001	000 100	170.010				400.001	000 100	170.010
occupations	4965	Sales and related workers, all other	483,021	303,103	179,918	na	na	na	483,021	303,103	179,918
na	5000 - 5940	Office and administrative support occupations	16,492,235	12,255,081	4,237,154	na	na	na	16,492,235	12,255,081	4,237,154
Non-STEM		First-line supervisors of office and									
occupations	5000	administrative support workers	1,132,739	717,433	415,306	na	na	na	1,132,739	717,433	415,306
Non-STEM		Switchboard operators, incl. answering									
occupations	5010	service	15,638	12,913	2,725	na	na	na	15,638	12,913	2,725
Non-STEM											
occupations	5020	Telephone operators	24,791	21,298	3,493	na	na	na	24,791	21,298	3,493
Non-STEM		Communications equipment operators, all									
occupations	5040	other	4,194	2,300	1,894	na	na	na	4,194	2,300	1,894
Non-STEM	F100	Dill and a count collection	104 500	100,000	01.607				104 500	100,000	01.607
occupations	5100	Bill and account collectors	124,509	102,822	21,687	na	na	na	124,509	102,822	21,687
Non-STEM occupations	5110	Billing and posting clerks	455,029	353,680	101,349	no	no	no	455,029	353,680	101,349
Non-STEM	3110	Billing and posting cierks	455,029	333,000	101,349	na	na	na	455,029	333,000	101,349
occupations	5120	Bookkeeping, accounting, and auditing clerks	1,163,929	912,256	251,673	na	na	na	1,163,929	912,256	251,673
Non-STEM	0120	Bookkeeping, accounting, and additing cierks	1,100,525	312,200	201,070	nu nu	iiu	ind.	1,100,525	312,200	201,070
occupations	5140	Payroll and timekeeping clerks	160,375	112,596	47,779	na	na	na	160,375	112,596	47,779
Non-STEM		, , , , , , , , , , , , , , , , , , ,		,	,	-	-	-		,, ,	,
occupations	5150	Procurement clerks	43,431	26,791	16,640	na	na	na	43,431	26,791	16,640
Non-STEM											
occupations	5160	Tellers	249,891	204,171	45,720	na	na	na	249,891	204,171	45,720
Non-STEM											
occupations	5165	Other financial clerks	144,069	81,048	63,021	na	na	na	144,069	81,048	63,021
Non-STEM											
occupations	5220	Court, municipal, and license clerks	82,329	58,301	24,028	na	na	na	82,329	58,301	24,028
Non-STEM	1										
occupations	5230	Credit authorizers, checkers, and clerks	44,216	32,885	11,331	na	na	na	44,216	32,885	11,331
Non-STEM	50.15										
occupations	5240	Customer service representatives	2,827,000	2,125,915	701,085	na	na	na	2,827,000	2,125,915	701,085

Table SLBR-1 Employed adults, by broad and detailed occupation and educational attainment: 2021

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			Te	otal, all employed	d adults	STEM occupations			Non-STEM occupations			
Broad occupational group	2021 OCC	Detailed occupations	Total	No bachelor's degree	Bachelor's degree or higher	STEM occupations total	STEM occupations, no bachelor's degree (STW)	STEM occupations, bachelor's degree or higher	Non-STEM occupations total	Non-STEM occupations, no bachelor's degree	Non-STEM occupations, bachelor's degree or higher	
Non-STEM	F2F0	Flinikility interviews and an analysis	07.755	41.045	45.010				07.755	41.045	45.010	
occupations	5250	Eligibility interviewers, government programs	87,755	41,945	45,810	na	na	na	87,755	41,945	45,810	
Non-STEM occupations	5260	File clerks	137,513	101,442	36,071	na	na	na	137,513	101,442	36,071	
Non-STEM occupations	5300	Hotel, motel, and resort desk clerks	111,202	89,135	22,067	na	na	na	111,202	89,135	22,067	
Non-STEM	1000		,		,				111,242	21,102		
occupations	5310	Interviewers, except eligibility and loan	172,196	123,069	49,127	na	na	na	172,196	123,069	49,127	
Non-STEM occupations	5320	Library assistants, clerical	99,549	55,220	44,329	na	na	na	99,549	55,220	44,329	
Non-STEM occupations	5330	Loan interviewers and clerks	157,190	105,589	51,601	na	na	na	157,190	105,589	51,601	
Non-STEM	3330	Loan interviewers and cierks	137,190	103,389	31,001	IIa	IIa	IIa	137,190	100,309	31,001	
occupations	5340	New accounts clerks	12,980	9,324	3,656	na	na	na	12,980	9,324	3,656	
Non-STEM occupations	5350	Correspondence clerks and order clerks	86,276	66,220	20,056	na	na	na	86,276	66,220	20,056	
Non-STEM		Human resources assistants, except payroll	33,23	33,3	==,,,,				23/21			
occupations	5360	and timekeeping	71,400	36,683	34,717	na	na	na	71,400	36,683	34,717	
Non-STEM occupations	5400	Receptionists and information clerks	1,205,475	987,533	217,942	na	na	na	1,205,475	987,533	217,942	
Non-STEM occupations	5410	Reservation and transportation ticket agents and travel clerks	102,388	76,492	25,896	na	na	na	102,388	76,492	25,896	
Non-STEM	0410	and traver orento	102,000	70,432	20,030	na	TIQ.	Tiu	102,000	70,472	20,030	
occupations	5420	Other information and records clerks	101,082	61,314	39,768	na	na	na	101,082	61,314	39,768	
Non-STEM occupations	5500	Cargo and freight agents	23,950	18,207	5,743	na	na	na	23,950	18,207	5,743	
Non-STEM	5510		629,280	521,652				no	629,280	521,652	107,628	
occupations Non-STEM	3310	Couriers and messengers	029,260	521,052	107,020	na	na	na	029,200	521,052	107,020	
occupations	5521	Public safety telecommunicators	98,343	76,802	21,541	na	na	na	98,343	76,802	21,541	
Non-STEM occupations	5522	Dispatchers, except police, fire, and ambulance	175,362	143,603	31,759	na	na	na	175,362	143,603	31,759	
Non-STEM occupations	5530	Meter readers, utilities	20,877	19,813		na	na		20,877	19,813	1,064	
Non-STEM	3330	Meter reducts, dillines	20,077	19,013	1,004	IIa	IIa	lia lia	20,077	15,013	1,004	
occupations	5540	Postal service clerks	121,065	103,636	17,429	na	na	na	121,065	103,636	17,429	

Table SLBR-1 Employed adults, by broad and detailed occupation and educational attainment: 2021

# (Number)

			To	otal, all employed	d adults		STEM occupations	3	Non-STEM occupations		
Broad occupational group	2021 OCC	Detailed occupations	Total	No bachelor's degree	Bachelor's degree or higher	STEM occupations total	STEM occupations, no bachelor's degree (STW)	STEM occupations, bachelor's degree or higher	Non-STEM occupations total	Non-STEM occupations, no bachelor's degree	Non-STEM occupations, bachelor's degree or higher
Non-STEM occupations	5550	Postal service mail carriers	344,775	287,254	57,521	na	na	na	344,775	287,254	57,521
Non-STEM occupations	5560	Postal service mail sorters, processors, and processing machine operators	64,196	55,230	8,966	na	na	na	64,196	55,230	8,966
Non-STEM occupations	5600	Production, planning, and expediting clerks	270,250	165,681	104,569	na	na	na	270,250	165,681	104,569
Non-STEM occupations	5610	Shipping, receiving, and inventory clerks	603,178	535,738	67,440	na	na	na	603,178	535,738	67,440
Non-STEM occupations	5630	Weighers, measurers, checkers, and samplers, recordkeeping	68,442	61,543	6,899	na	na	na	68,442	61,543	6,899
Non-STEM occupations	5710	Executive secretaries and executive administrative assistants	270,635	152,395	118,240	na	na	na	270,635	152,395	118,240
Non-STEM occupations	5720	Legal secretaries and administrative assistants	59,974	46,955	13,019	na	na	na	59,974	46,955	13,019
Non-STEM occupations	5730	Medical secretaries and administrative assistants	86,302	67,792	18,510	na	na	na	86,302		18,510
Non-STEM occupations	5740	Secretaries and administrative assistants, except legal, medical, and executive	2,159,831	1,573,970	585,861	na	na	na	2,159,831	1,573,970	585,861
Non-STEM occupations	5810	Data entry keyers	281,208	211,990	69,218	na	na	na	281,208		69,218
Non-STEM occupations	5820	Word processors and typists	35,835	27,957	7,878	na	na	na	35,835		7,878
Non-STEM occupations	5840	Insurance claims and policy processing clerks	226,017	166,221	59,796	na	na	na	226,017	166,221	59,796
Non-STEM occupations	5850	Mail clerks and mail machine operators, except postal service	70,305	58,702		na	na		70,305		11,603
Non-STEM occupations	5860	Office clerks, general	1,196,153	937,547	258,606	na	na	na	1,196,153		258,606
Non-STEM occupations	5900	Office machine operators, except computer	43,048	36,098	6,950	na	na	na	43,048	36,098	6,950
Non-STEM occupations	5910	Proofreaders and copy markers	9,916	4,294	5,622	na	na		9,916	4,294	5,622
Non-STEM occupations	5920	Statistical assistants	31,466	18,038		na	na		31,466		13,428
Non-STEM occupations	5940	Other office and administrative support workers	784,681	445,588		na	na		784,681	445,588	339,093

Table SLBR-1 Employed adults, by broad and detailed occupation and educational attainment: 2021

(N	Ju	m	he	r

			T	otal, all employed	d adults		STEM occupations	3	Non-STEM occupations		
Broad occupational group	2021 OCC	Detailed occupations	Total	No bachelor's degree	Bachelor's degree or higher	STEM occupations total	STEM occupations, no bachelor's degree (STW)	STEM occupations, bachelor's degree or higher	Non-STEM occupations total	Non-STEM occupations, no bachelor's degree	Non-STEM occupations, bachelor's degree or higher
na	6005 - 6130	Farming, fishing, and forestry occupations	885,855	803,935	81,920	na	na	na	885,855	803,935	81,920
Non-STEM occupations	6005	First-line supervisors of farming, fishing, and forestry workers	45,153	38,647	6,506	na	na	na	45,153	38,647	6,506
Non-STEM occupations	6010	Agricultural inspectors	10,534	5,233	5,301	na	na	na	10,534	5,233	5,301
Non-STEM occupations	6040	Graders and sorters, agricultural products	47,349	43,218	4,131	na	na	na	47,349	43,218	4,131
Non-STEM occupations	6050	Other agricultural workers	681,230	627,320	53,910	na	na	na	681,230	627,320	53,910
Non-STEM occupations	6115	Fishing and hunting workers	36,978	31,398	5,580	na	na	na	36,978	31,398	5,580
Non-STEM occupations	6120	Forest and conservation workers	19,394	15,452	3,942	na	na	na	19,394	15,452	3,942
Non-STEM occupations	6130	Logging workers	45,217	42,667	2,550	na	na	na	45,217	42,667	2,550
na	6200 - 6950	Construction and extraction occupations	7,489,867	6,975,428	514,439	4,111,056	3,799,699	311,357	3,378,811	3,175,729	203,082
STEM middle-skill occupations	6200	First-line supervisors of construction trades and extraction workers	637,791	575,925	61,866	637,791	575,925	61,866	na	na	na
STEM middle-skill occupations	6210	Boilermakers	16,190	15,695	s	16,190	15,695	s	na	na	na
STEM middle-skill occupations	6220	Brickmasons, blockmasons, stonemasons, and reinforcing iron and rebar workers	131,316	126,348	4,968	131,316	126,348	4,968	na	na	na
STEM middle-skill occupations	6230	Carpenters	1,143,424	1,061,964	81,460	1,143,424	1,061,964	81,460	na	na	na
Non-STEM occupations	6240	Carpet, floor, and tile installers and finishers	128,025	120,193	7,832	na	na	na	128,025	120,193	7,832
Non-STEM occupations	6250	Cement masons, concrete finishers, and terrazzo workers	57,709	56,493	1,216	na	na	na	57,709	56,493	1,216
Non-STEM occupations	6260	Construction laborers	1,767,946	1,660,166	107,780	na	na	na	1,767,946	1,660,166	107,780
Non-STEM occupations	6305	Construction equipment operators	376,977	364,913	12,064	na	na	na	376,977	364,913	12,064
STEM middle-skill occupations	6330	Drywall installers, ceiling tile installers, and tapers	133,230	130,866	2,364	133,230	130,866	2,364	na	na	na

Table SLBR-1
Employed adults, by broad and detailed occupation and educational attainment: 2021
(Number)

(Number)											
			To	otal, all employed	l adults	STEM occupations			Non-STEM occupations		
Broad occupational group	2021 OCC	Detailed occupations	Total	No bachelor's degree	Bachelor's degree or higher	STEM occupations total	STEM occupations, no bachelor's degree (STW)	STEM occupations, bachelor's degree or higher	Non-STEM occupations total	Non-STEM occupations, no bachelor's degree	Non-STEM occupations, bachelor's degree or higher
STEM middle-skill occupations	6355	Electricians	911,147	845,360	65,787	911,147	845,360	65,787	na	na	na
STEM middle-skill occupations	6360	Glaziers	45,378	42,588	2,790	45,378	42,588	2,790	na	na	n
Non-STEM occupations	6400	Insulation workers	46,939	43,736	3,203	na	na	na	46,939	43,736	3,20
Non-STEM occupations	6410	Painters and paperhangers	526,071	486,869	39,202	na	na	na	526,071	486,869	39,20
STEM middle-skill occupations	6441	Pipelayers	44,367	42,018	2,349	44,367	42,018	2,349	na	na	n
STEM middle-skill occupations	6442	Plumbers, pipefitters, and steamfitters	567,753	533,583	34,170	567,753	533,583	34,170	na	na	n
Non-STEM occupations	6460	Plasterers and stucco masons	20,710	20,060	650	na	na	na	20,710	20,060	650
STEM middle-skill occupations	6515	Roofers	204,112	197,586	6,526	204,112	197,586	6,526	na	na	n
Non-STEM occupations	6520	Sheet metal workers	124,050	115,835	8,215	na	na	na	124,050	115,835	8,21
STEM middle-skill occupations	6530	Structural iron and steel workers	63,765	57,850	5,915	63,765	57,850	5,915	na	na	n
STEM middle-skill occupations	6540	Solar photovoltaic installers	19,134	16,392	2,742	19,134	16,392	2,742	na	na	n
Non-STEM occupations	6600	Helpers, construction trades	43,922	40,436	3,486	na	na	na	43,922	40,436	3,48
STEM middle-skill occupations	6660	Construction and building inspectors	109,140	74,011	35,129	109,140	74,011	35,129	na	na	n
STEM middle-skill occupations	6700	Elevator and Escalator installers and repairers	32,568	30,164	2,404	32,568	30,164	2,404	na	na	n
Non-STEM occupations	6710	Fence erectors	34,652	32,356	2,296	na	na	na	34,652	32,356	2,29
Non-STEM occupations	6720	Hazardous materials removal workers	21,636	18,752	2,884	na	na	na	21,636	18,752	2,88
Non-STEM occupations	6730	Highway maintenance workers	78,081	73,571	4,510	na	na	na	78,081	73,571	4,51
Non-STEM occupations	6740	Rail-track laying and maintenance equipment operators	8,654	8,227	S	na	na	na	8,654	8,227	

Table SLBR-1
Employed adults, by broad and detailed occupation and educational attainment: 2021

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			Te	otal, all employed	d adults		STEM occupations	3	Non-STEM occupations		
Broad occupational group	2021 OCC	Detailed occupations	Total	No bachelor's degree	Bachelor's degree or higher	STEM occupations total	STEM occupations, no bachelor's degree (STW)	STEM occupations, bachelor's degree or higher	Non-STEM occupations total	Non-STEM occupations, no bachelor's degree	Non-STEM occupations, bachelor's degree or higher
Non-STEM occupations	6765	Other construction and related workers	42,880	38,988	3,892	na	na	na	42,880	38,988	3,892
STEM middle-skill occupations	6800	Derrick, rotary drill, and service unit operators, and roustabouts, oil and gas	23,022	21,557	1,465	23,022	21,557	1,465	na	na	na
STEM middle-skill occupations	6825	Surface mining machine operators and earth drillers	28,719	27,792	927	28,719	27,792	927	na	na	na
Non-STEM occupations	6835	Explosives workers, ordnance handling experts, and blasters	7,551	7,111	440	na	na	na	7,551	7,111	440
Non-STEM occupations	6850	Underground mining machine operators	42,540	39,800	2,740	na	na	na	42,540	39,800	2,740
Non-STEM occupations	6950	Other extraction workers	50,468	48,223	2,245	na	na	na	50,468	48,223	2,245
na	7000 - 7640	Installation, maintenance, and repair occupations	4,768,337	4,369,788	398,549	4,334,236	3,966,668	367,568	434,101	403,120	30,981
STEM middle-skill occupations	7000	First-line supervisors of mechanics, installers, and repairers	228,470	193,727	34,743	228,470	193,727	34,743	na	na	na
STEM middle-skill occupations	7010	Computer, automated teller, and office machine repairers	146,270	103,943	42,327	146,270	103,943	42,327	na	na	na
STEM middle-skill occupations	7020	Radio and telecommunications equipment installers and repairers	154,138	131,004	23,134	154,138	131,004	23,134	na	na	na
STEM middle-skill occupations	7030	Avionics technicians	12,962	12,026	936	12,962	12,026	936	na	na	na
STEM middle-skill occupations	7040	Electric motor, power tool, and related repairers	24,148	22,281	1,867	24,148	22,281	1,867	na	na	na
STEM middle-skill occupations	7100	Other electrical and electronic equipment mechanics, installers, and repairers	21,363	19,145	2,218	21,363	19,145	2,218	na	na	na
STEM middle-skill occupations	7120	Audiovisual equipment installers and repairers	42,073	38,844	3,229	42,073	38,844	3,229	na	na	na
STEM middle-skill occupations	7130	Security and fire alarm systems installers	57,050	49,221	7,829	57,050	49,221	7,829	na	na	na
STEM middle-skill occupations	7140	Aircraft mechanics and service technicians	154,327	137,371	16,956	154,327	137,371	16,956	na	na	na
Non-STEM occupations	7150	Automotive body and related repairers	124,004	119,716	4,288	na	na		124,004	119,716	4,288
Non-STEM occupations	7160	Automotive glass installers and repairers	16,787	16,328		na	na	na	16,787	16,328	s

Table SLBR-1 Employed adults, by broad and detailed occupation and educational attainment: 2021 (Number)

(INU	П	IIJ	eı	,

			T	otal, all employed	d adults		STEM occupations	3		Non-STEM occupation	ns
Broad occupational group	2021 OCC	Detailed occupations	Total	No bachelor's degree	Bachelor's degree or higher	STEM occupations total	STEM occupations, no bachelor's degree (STW)	STEM occupations, bachelor's degree or higher	Non-STEM occupations total	Non-STEM occupations, no bachelor's degree	Non-STEM occupations, bachelor's degree or higher
STEM middle-skill occupations	7200	Automotive service technicians and mechanics	825,420	790,628	34,792	825,420	790,628	34,792	na	na	na
STEM middle-skill occupations	7210	Bus and truck mechanics and diesel engine specialists	312,550	300,701	11,849	312,550	300,701	11,849	na	na	na
STEM middle-skill occupations	7220	Heavy vehicle and mobile equipment service technicians and mechanics	221,001	210,510	10,491	221,001	210,510	10,491	na	na	na
STEM middle-skill											
occupations	7240	Small engine mechanics	47,057	44,701	2,356	47,057	44,701	2,356	na	na	na
Non-STEM occupations	7260	Misc. vehicle and mobile equipment mechanics, installers, and repairers	83,531	78,605	4,926	na	na	na	83,531	78,605	4,926
STEM middle-skill occupations	7300	Control and valve installers and repairers	24,572	22,336	2,236	24,572	22,336	2,236	na	na	na
STEM middle-skill occupations	7315	Heating, air conditioning, and refrigeration mechanics and installers	431,656	404,013	27,643	431,656	404,013	27,643	na	na	na
Non-STEM occupations	7320	Home appliance repairers	35,800	30,491	5,309	na	na	na	35,800	30,491	5,309
STEM middle-skill occupations	7330	Industrial and refractory machinery mechanics	377,286	349,144	28,142	377,286	349,144	28,142	na	na	na
STEM middle-skill occupations	7340	Maintenance and repair workers, general	751,167	689,542		751,167	689,542	61,625	na	na	na
STEM middle-skill		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	. , .	,			, , , , , , , , , , , , , , , , , , , ,		-		
occupations	7350	Maintenance workers, machinery	21,990	20,295	1,695	21,990	20,295	1,695	na	na	na
STEM middle-skill occupations	7360	Millwrights	55,490	53,018	2,472	55,490	53,018	2,472	na	na	na
Non-STEM occupations	7410	Electrical power-line installers and repairers	126,392	115,266	11,126	na	na	na	126,392	115,266	11,126
STEM middle-skill occupations	7420	Telecommunications line installers and repairers	120,980	106,909	14,071	120,980	106,909	14,071	na	na	na
STEM middle-skill occupations	7430	Precision instrument and equipment repairers	58,515		12,759	58,515	45,756	12,759	na	na	na
Non-STEM occupations	7510	Coin, vending, and amusement machine servicers and repairers	25,458			na	na	na	25,458	22,505	2,953
STEM middle-skill occupations	7540	Locksmiths and safe repairers	27,050			27,050	25,517	1,533	na		na
STEM middle-skill occupations	7560	Riggers	11,710			11,710	10,158	1,552	na		na

Table SLBR-1
Employed adults, by broad and detailed occupation and educational attainment: 2021

# (Number)

			T	otal, all employed	d adults		STEM occupations	5		Non-STEM occupation	ns
Broad occupational group	2021 OCC	Detailed occupations	Total	No bachelor's degree	Bachelor's degree or higher	STEM occupations total	STEM occupations, no bachelor's degree (STW)	STEM occupations, bachelor's degree or higher	Non-STEM occupations total	Non-STEM occupations, no bachelor's degree	Non-STEM occupations, bachelor's degree or higher
Non-STEM occupations	7610	Helpersinstallation, maintenance, and repair workers	22,129	20,209	1,920	na	na	na	22,129	20,209	1,920
STEM middle-skill occupations	7640	Other installation, maintenance, and repair workers	206,991	185,878	21,113	206,991	185,878	21,113	na	na	na
na	7700 - 8990	Production occupations	8,351,447	7,510,223	841,224	3,122,967	2,786,134	336,833	5,228,480	4,724,089	504,391
STEM middle-skill occupations	7700	First-line supervisors of production and operating workers	746,069	617,738	128,331	746,069	617,738	128,331	na	na	na
Non-STEM occupations	7720	Electrical, electronics, and electromechanical assemblers	115,181	106,726	8,455	na	na	na	115,181	106,726	8,455
STEM middle-skill occupations	7730	Engine and other machine assemblers	12,547	11,691	856	12,547	11,691	856	na	na	na
STEM middle-skill occupations	7740	Structural metal fabricators and fitters	27,505	26,040		27,505	26,040	1,465	na	na	na
Non-STEM occupations	7750	Other assemblers and fabricators	955,703			na	na		955,703	885,313	70,390
Non-STEM occupations	7800	Bakers	211,283	183,352		na	na		211,283		27,931
STEM middle-skill occupations	7810	Butchers and other meat, poultry, and fish processing workers	245,598		11,974	245,598	233,624		na	na	na
Non-STEM occupations	7830	Food and tobacco roasting, baking, and drying machine operators and tenders	12,197	10,511		na			12,197	10,511	1,686
Non-STEM occupations	7840	Food batchmakers	95,069	86,052		na			95,069	86,052	9,017
Non-STEM occupations	7850	Food cooking machine operators and tenders	8,484	7,631	853	na			8,484	7,631	853
Non-STEM occupations	7855	Food processing workers, all other	151,632	144,073		na			151,632		7,559
STEM middle-skill occupations	7905	Computer numerically controlled tool operators and programmers	91,820			91,820	83,396		na	na	na
Non-STEM occupations	7925	Forming machine setters, operators, and tenders, metal and plastic	31,791	30,306		na			31,791	30,306	1,485
Non-STEM occupations	7950	Cutting, punching, and press machine setters, operators, and tenders, metal and plastic	69,814			na	na		69,814	66,999	2,815
Non-STEM occupations	8000	Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic	36,711	35,212		na			36,711	35,212	1,499

Table SLBR-1 Employed adults, by broad and detailed occupation and educational attainment: 2021

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			T	otal, all employed	d adults		STEM occupations	3		Non-STEM occupation	ns
Broad occupational group	2021 OCC	Detailed occupations	Total	No bachelor's degree	Bachelor's degree or higher	STEM occupations total	STEM occupations, no bachelor's degree (STW)	STEM occupations, bachelor's degree or higher	Non-STEM occupations total	Non-STEM occupations, no bachelor's degree	Non-STEM occupations, bachelor's degree or higher
Non-STEM occupations	8025	Other machine tool setters, operators, and tenders, metal and plastic	11,586	11,224	S	na	na	na	11,586	11,224	s
STEM middle-skill occupations	8030	Machinists	351,771	335,149	16,622	351,771	335,149	16,622	na	na	na
Non-STEM occupations	8040	Metal furnace operators, tenders, pourers, and casters	16,885	15,940	945	na	na	na	16,885	15,940	945
Non-STEM occupations	8100	Model makers, patternmakers, and molding machine setters, metal and plastic	35,706	32,969	2,737	na	na	na	35,706	32,969	2,737
STEM middle-skill occupations	8130	Tool and die makers	52,975	50,998	1,977	52,975	50,998	1,977	na	na	na
Non-STEM occupations	8140	Welding, soldering, and brazing workers	564,648	549,393	15,255	na	na	na	564,648	549,393	15,255
Non-STEM occupations	8225	Other metal workers and plastic workers	396,453	373,348	23,105	na	na	na	396,453	373,348	23,105
STEM middle-skill occupations	8250	Prepress technicians and workers	21,037	15,820	5,217	21,037	15,820	5,217	na	na	na
Non-STEM occupations	8255	Printing press operators	147,121	132,387	14,734	na	na	na	147,121	132,387	14,734
Non-STEM occupations	8256	Print binding and finishing workers	13,649	12,132	1,517	na	na	na	13,649	12,132	1,517
Non-STEM occupations	8300	Laundry and dry-cleaning workers	125,535	117,903	7,632	na	na	na	125,535	117,903	7,632
Non-STEM occupations	8310	Pressers, textile, garment, and related materials	23,650	22,267	1,383	na	na	na	23,650	22,267	1,383
Non-STEM occupations	8320	Sewing machine operators	130,203	118,805	11,398	na	na	na	130,203	118,805	11,398
Non-STEM occupations	8335	Shoe and leather workers	10,406	8,538	1,868	na	na	na	10,406	8,538	1,868
Non-STEM occupations	8350	Tailors, dressmakers, and sewers	56,085	45,952	10,133	na	na	na	56,085	45,952	10,133
Non-STEM occupations	8365	Textile machine setters, operators, and tenders	25,299	23,352	1,947	na	na	na	25,299	23,352	1,947
Non-STEM occupations	8450	Upholsterers	25,408	23,707	1,701	na	na	na	25,408	23,707	1,701
Non-STEM occupations	8465	Other textile, apparel, and furnishings workers	17,116	13,828	3,288	na	na	na	17,116	13,828	3,288

Table SLBR-1
Employed adults, by broad and detailed occupation and educational attainment: 2021

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			T	otal, all employed	d adults		STEM occupations	<b>;</b>		Non-STEM occupation	ons
Broad occupational group	2021 OCC	Detailed occupations	Total	No bachelor's degree	Bachelor's degree or higher	STEM occupations total	STEM occupations, no bachelor's degree (STW)	STEM occupations, bachelor's degree or higher	Non-STEM occupations total	Non-STEM occupations, no bachelor's degree	Non-STEM occupations, bachelor's degree or higher
Non-STEM occupations	8500	Cabinetmakers and bench carpenters	53,009	49,249	3,760	na	na	na	53,009	49,249	3,760
Non-STEM occupations	8510	Furniture finishers	12,993	11,239	1,754	na	na	na	12,993	11,239	1,754
Non-STEM occupations	8530	Sawing machine setters, operators, and tenders, wood	27,875	26,138	1,737	na	na	na	27,875	26,138	1,737
Non-STEM occupations	8540	Woodworking machine setters, operators, and tenders, except sawing	15,955	15,625	S	na	na	na	15,955	15,625	s
Non-STEM occupations	8555	Other woodworkers	29,653	24,826	4,827	na	na	na	29,653	24,826	4,827
Non-STEM occupations	8600	Power plant operators, distributors, and dispatchers	44,235	33,760	10,475	na	na	na	44,235	33,760	10,475
STEM middle-skill occupations	8610	Stationary engineers and boiler operators	98,584	80,843	17,741	98,584	80,843	17,741	na	na	na
STEM middle-skill occupations	8620	Water and wastewater treatment plant and system operators	100,678	86,703	13,975	100,678	86,703	13,975	na	na	na
Non-STEM occupations	8630	Misc. plant and system operators	40,266	34,046	6,220	na	na	na	40,266	34,046	6,220
STEM middle-skill occupations	8640	Chemical processing machine setters, operators, and tenders	72,550	52,014	20,536	72,550	52,014	20,536	na	na	na
Non-STEM occupations	8650	Crushing, grinding, polishing, mixing, and blending workers	77,494	71,591	5,903	na	na	na	77,494	71,591	5,903
Non-STEM occupations	8710	Cutting workers	56,965	53,868	3,097	na	na	na	56,965	53,868	3,097
Non-STEM occupations	8720	Extruding, forming, pressing, and compacting machine setters, operators, and tenders	24,719	23,980	739	na	na	na	24,719	23,980	739
Non-STEM occupations	8730	Furnace, kiln, oven, drier, and kettle operators and tenders	10,400	9,076	1,324	na	na	na	10,400	9,076	1,324
Non-STEM occupations	8740	Inspectors, testers, sorters, samplers, and weighers	845,159	696,266	148,893	na	na	na	845,159	696,266	148,893
Non-STEM occupations	8750	Jewelers and precious stone and metal workers	48,010	32,982	15,028	na	na		48,010	32,982	15,028
Non-STEM occupations	8760	Dental and ophthalmic laboratory technicians and medical appliance technicians	84,626	68,103		na	na		84,626	68,103	16,523
Non-STEM occupations	8800	Packaging and filling machine operators and tenders	251,622	235,598		na	na	na	251,622	235,598	16,024

Table SLBR-1 Employed adults, by broad and detailed occupation and educational attainment: 2021

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			To	otal, all employed	d adults		STEM occupations	s	Non-STEM occupations			
Broad occupational group	2021 OCC	Detailed occupations	Total	No bachelor's degree	Bachelor's degree or higher	STEM occupations total	STEM occupations, no bachelor's degree (STW)	STEM occupations, bachelor's degree or higher	Non-STEM occupations total	Non-STEM occupations, no bachelor's degree	Non-STEM occupations, bachelor's degree or higher	
Non-STEM occupations	8810	Painting workers	146,865	141,327	5,538	na	na	na	146,865	141,327	5,538	
Non-STEM occupations	8830	Photographic process workers and processing machine operators	32,993	14,410	18,583	na	na	na	32,993	14,410	18,583	
Non-STEM occupations	8850	Adhesive bonding machine operators and tenders	10,894	10,677	s	na	na	na	10,894	10,677	S	
STEM middle-skill												
occupations	8910	Etchers and engravers	8,201	6,764	1,437	8,201	6,764	1,437	na	na	na	
Non-STEM occupations	8920	Molders, shapers, and casters, except metal and plastic	28,442	22,989	5,453	na	na	na	28,442	22,989	5,453	
Non-STEM occupations	8930	Paper goods machine setters, operators, and tenders	22,435	20,338	2,097	na	na	na	22,435	20,338	2,097	
Non-STEM occupations	8940	Tire builders	16,269	15,610	659	na	na	na	16,269	15,610	659	
Non-STEM occupations	8950	Helpersproduction workers	59,986	54,471	5,515	na	na	na	59,986	54,471	5,515	
STEM middle-skill occupations	8990	Misc. production workers, incl. equipment operators and tenders	1,293,632	1,185,354	108,278	1,293,632	1,185,354	108,278	na	na	na	
na	9005 - 9760	Transportation and material moving occupations	11,662,307	10,438,906	1,223,401	61,162	52,999	8,163	11,601,145	10,385,907	1,215,238	
Non-STEM occupations	9005	Supervisors of transportation and material moving workers	288,220	239,614	48,606	na	na	na	288,220	239,614	48,606	
Non-STEM occupations	9030	Aircraft pilots and flight engineers	167,262	44,694	122,568	na	na	na	167,262	44,694	122,568	
Non-STEM occupations	9040	Air traffic controllers and airfield operations specialists	35,853	19,399	16,454	na	na	na	35,853	19,399	16,454	
Non-STEM occupations	9050	Flight attendants	101,103	59,055	42,048	na	na	na	101,103	59,055	42,048	
Non-STEM occupations	9110	Ambulance drivers and attendants, except emergency medical technicians	9,884	7,939	1,945	na	na	na	9,884	7,939	1,945	
Non-STEM occupations	9121	Bus drivers, school	265,552	230,007	35,545	na	na	na	265,552	230,007	35,545	
Non-STEM occupations	9122	Bus drivers, transit and intercity	210,961	188,294	22,667	na	na	na	210,961	188,294	22,667	
Non-STEM occupations	9130	Driver/sales workers and truck drivers	3,660,531	3,375,145		na	na	na	3,660,531	3,375,145	285,386	

Table SLBR-1 Employed adults, by broad and detailed occupation and educational attainment: 2021

			Т	otal, all employed	d adults		STEM occupations	3	Non-STEM occupations			
Broad occupational group	2021 OCC	Detailed occupations	Total	No bachelor's degree	Bachelor's degree or higher	STEM occupations total	STEM occupations, no bachelor's degree (STW)	STEM occupations, bachelor's degree or higher	Non-STEM occupations total	Non-STEM occupations, no bachelor's degree	Non-STEM occupations, bachelor's degree or higher	
Non-STEM												
occupations	9141	Shuttle drivers and chauffeurs	56,973	48,304	8,669	na	na	na	56,973	48,304	8,669	
Non-STEM												
occupations	9142	Taxi drivers	341,712	260,193	81,519	na	na	na	341,712	260,193	81,519	
Non-STEM												
occupations	9150	Motor vehicle operators, all other	125,622	109,421	16,201	na	na	na	125,622	109,421	16,201	
Non-STEM												
occupations	9210	Locomotive engineers and operators	36,356	32,194	4,162	na	na	na	36,356	32,194	4,162	
Non-STEM												
occupations	9240	Railroad conductors and yardmasters	39,063	32,380	6,683	na	na	na	39,063	32,380	6,683	
Non-STEM												
occupations	9265	Other rail transportation workers	20,617	17,855	2,762	na	na	na	20,617	17,855	2,762	

Broad occupational group	2021 OCC	Detailed occupations	Total	No bachelor's degree	Bachelor's degree or higher	occupations total	STEM occupations, no bachelor's degree (STW)	STEM occupations, bachelor's degree or higher	Non-STEM occupations total	Non-STEM occupations, no bachelor's degree	Non-STEM occupations, bachelor's degree or higher
Non-STEM	000	Detailed occupations	Total	degree	or riigher	totai	bachelor's degree (31 W)	bachelor's degree or higher	occupations total	no bachelor's degree	bachelor's degree of higher
occupations	9141	Shuttle drivers and chauffeurs	56,973	48,304	8,669	na	na	na	56,973	48,304	8,669
Non-STEM			30,773	10,001	0,002				33,213	.0,00	5,002
occupations	9142	Taxi drivers	341,712	260,193	81,519	na	na	na	341,712	260,193	81,519
Non-STEM											
occupations	9150	Motor vehicle operators, all other	125,622	109,421	16,201	na	na	na	125,622	109,421	16,201
Non-STEM											
occupations	9210	Locomotive engineers and operators	36,356	32,194	4,162	na	na	na	36,356	32,194	4,162
Non-STEM											
occupations	9240	Railroad conductors and yardmasters	39,063	32,380	6,683	na	na	na	39,063	32,380	6,683
Non-STEM	0065		00.617	17.055	0.760				00.617	17.055	0.760
occupations	9265	Other rail transportation workers	20,617	17,855	2,762	na	na	na	20,617	17,855	2,762
Non-STEM occupations	9300	Sailors and marine oilers, and ship engineers	32,872	28,441	4,431	na	na	na	32,872	28,441	4,431
Non-STEM	9300	Sallors and marine ollers, and ship engineers	32,072	20,441	4,431	IId	IId	IId	32,072	20,441	4,431
occupations	9310	Ship and boat captains and operators	37,132	28,626	8,506	na	na	na	37,132	28,626	8,506
Non-STEM	70.0	omp and boat captains and operators	077.02	20,020	0,000				07,102	20,020	3,000
occupations	9350	Parking attendants	55,519	49,593	5,926	na	na	na	55,519	49,593	5,926
Non-STEM		<u> </u>								<u> </u>	
occupations	9365	Transportation service attendants	103,762	95,805	7,957	na	na	na	103,762	95,805	7,957
STEM middle-skill											
occupations	9410	Transportation inspectors	38,922	32,738	6,184	38,922	32,738	6,184	na	na	na
Non-STEM											
occupations	9415	Passenger attendants	27,577	24,996	2,581	na	na	na	27,577	24,996	2,581
Non-STEM	0.400	O4b 4	40.576	00.000	10.004				40.576	00.000	10.004
occupations	9430	Other transportation workers	42,576	29,282	13,294	na	na	na	42,576	29,282	13,294
Non-STEM occupations	9510	Crane and tower operators	63,028	60,596	2,432	na	na	na	63,028	60,596	2,432
Non-STEM	9310	Conveyor, dredge, and hoist and winch	03,020	00,390	2,432	IIa	IIa	IIG	03,020	00,390	2,432
occupations	9570	operators	23,873	22,904	969	na	na	na	23,873	22,904	969
Non-STEM	30.0	5p5.20.0	20,070	22,704	303	na	iiu	Tiu Tiu	20,070	22,704	303
occupations	9600	Industrial truck and tractor operators	639,201	612,289	26,912	na	na	na	639,201	612,289	26,912
Non-STEM		·			,						,
occupations	9610	Cleaners of vehicles and equipment	344,147	325,858	18,289	na	na	na	344,147	325,858	18,289
Non-STEM		Laborers and freight, stock, and material									
occupations	9620	movers, hand	2,473,854	2,279,425	194,429	na	na	na	2,473,854	2,279,425	194,429

#### Table SLBR-1

# Employed adults, by broad and detailed occupation and educational attainment: 2021

#### (Number)

			Т	otal, all employed	d adults		STEM occupations	<b>.</b>	Non-STEM occupations		
Broad occupational group	2021 OCC	Detailed occupations	Total	No bachelor's degree	Bachelor's degree or higher	STEM occupations total	STEM occupations, no bachelor's degree (STW)	STEM occupations, bachelor's degree or higher	Non-STEM occupations total	Non-STEM occupations, no bachelor's degree	Non-STEM occupations, bachelor's degree or higher
Non-STEM occupations	9630	Machine feeders and offbearers	26,610	23,833	2,777	na	na	na	26,610	23,833	2,777
Non-STEM occupations	9640	Packers and packagers, hand	521,124	480,560	40,564	na	na	na	521,124	480,560	40,564
Non-STEM occupations	9645	Stockers and order fillers	1,676,698	1,495,732	180,966	na	na	na	1,676,698	1,495,732	180,966
STEM middle-skill occupations	9650	Pumping station operators	22,240	20,261	1,979	22,240	20,261	1,979	na	na	na
Non-STEM occupations	9720	Refuse and recyclable material collectors	100,283	94,259	6,024	na	na	na	100,283	94,259	6,024
Non-STEM occupations	9760	Other material moving workers	73,180	69,214	3,966	na	na	na	73,180	69,214	3,966

na = not applicable; s = data suppressed for reasons of reliability.

OCC = Occupational Classification Code; S&E = science and engineering; STEM = science, technology, engineering, and mathematics; STW = skilled technical workforce.

#### Note(s):

Data include the employed, civilian, non-institutionalized population ages 16-75 and exclude those currently enrolled in primary or secondary school.

#### Source(s):

Census Bureau, American Community Survey (ACS), 1-Year Public-Use File, 2021, data as of October 2022.

Science and Engineering Indicators

**Table SLBR-2** 

#### Workers in STEM occupations, by educational attainment: 2011 and 2021

(Percent and number)

		2011			2021	
Occupation group	All workers	Without a bachelor's degree	Bachelor's degree or higher	All workers	Without a bachelor's degree	Bachelor's degree or higher
			Percent			
STEM occupations	21.6	19.2	26.6	24.2	20.7	29.6
S&E occupations	4.2	1.6	9.6	6.2	2.3	12.4
S&E-related occupations	7.8	5.0	13.7	8.9	5.5	14.3
STEM middle-skill occupations	9.5	12.5	3.3	9.1	13.0	3.0
Non-STEM occupations	78.4	80.8	73.4	75.8	79.3	70.4
			Number			
STEM occupations	29,688,301	17,829,706	11,858,595	36,803,699	19,255,748	17,547,951
S&E occupations	5,824,344	1,520,213	4,304,131	9,422,377	2,098,049	7,324,328
S&E-related occupations	10,780,788	4,680,282	6,100,506	13,540,140	5,078,332	8,461,808
STEM middle-skill occupations	13,083,169	11,629,211	1,453,958	13,841,182	12,079,367	1,761,815
Non-STEM occupations	107,839,144	75,040,588	32,798,556	115,563,876	73,890,649	41,673,227

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

#### Note(s):

Data include the employed, civilian, non-institutionalized population ages 16–75 and exclude those currently enrolled in primary or secondary school. Details may not sum to totals due to rounding. Coding of occupations into STEM categories reflects changes to American Community Survey (ACS) occupation codes following the 2018 update to the Standard Occupational Classification (SOC) implemented by the Bureau of Labor Statistics. Data from 2011 through 2017 use occupations from the 2010 occupation list, while data from 2018 through 2021 use occupations from the 2018 occupation list.

#### Source(s):

Census Bureau, American Community Survey (ACS), 1-Year Public-Use File, 2011 and 2021, data as of 25 October 2022.

Science and Engineering Indicators

**Table SLBR-3** 

#### March unemployment rate of workers, by occupation group and educational attainment: 2011-21

(Percent)

Occupation group and educational attainment	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
STEM occupations, all education levels	7.6	6.1	5.6	4.7	4.0	3.8	3.2	3.1	2.7	3.0	4.1
Bachelor's degree or higher	3.3	3.1	2.8	2.7	2.1	2.2	1.8	1.7	1.5	1.9	2.4
Without a bachelor's degree (STW)	10.3	8.0	7.5	6.1	5.3	4.9	4.2	4.2	3.6	4.0	5.7
S&E occupations, all education levels	3.7	4.2	2.8	2.7	2.3	2.4	2.2	1.6	1.4	2.2	2.1
Bachelor's degree or higher	3.0	3.4	2.4	2.7	2.3	2.0	2.1	1.5	1.2	1.7	1.9
Without a bachelor's degree (STW)	6.0	6.8	4.2	2.9	s	3.7	s	s	s	4.4	s
S&E-related occupations, all education levels	3.2	2.9	3.1	2.5	1.6	2.3	1.2	1.6	1.5	2.2	2.2
Bachelor's degree or higher	2.1	2.3	2.0	2.1	1.3	1.9	1.0	1.2	1.4	1.7	2.0
Without a bachelor's degree (STW)	4.8	3.9	4.8	3.3	2.1	2.9	1.6	2.3	1.7	3.0	2.6
STEM middle-skill occupations, all education levels	11.9	8.9	8.4	7.1	6.3	5.5	5.0	4.9	4.2	4.1	6.9
Bachelor's degree or higher	7.8	5.2	6.4	4.9	4.1	4.0	3.9	3.9	3.0	3.2	5.9
Without a bachelor's degree (STW)	12.4	9.4	8.7	7.4	6.6	5.7	5.2	5.1	4.4	4.3	7.0
Non-STEM occupations, all education levels	8.7	8.1	7.3	6.6	5.4	4.9	4.4	4.0	3.9	4.6	6.6
Bachelor's degree or higher	4.7	4.4	4.1	3.6	2.5	2.7	2.6	2.4	2.3	2.7	4.3
Without a bachelor's degree	10.5	9.9	8.9	8.1	6.8	6.0	5.3	4.9	4.8	5.8	8.0

s = suppressed for reliability; coefficient of variation exceeds publication standards.

S&E = science and engineering; STEM = science, technology, engineering, and mathematics; STW = skilled technical workforce.

#### Note(s):

Data include the civilian, non-institutionalized labor force ages 16–75 and exclude those in military occupations, those missing occupation data or who have not worked in the last 5 years, and those currently enrolled in primary or secondary school. Unemployment rates represent unemployment in March of the indicated year. Coding of occupations into STEM categories utilizes the OCC2010 variable from the IPUMS data set that provides uniform occupation codes based on the 2010 Standard Occupational Classification (SOC) values for all years present in this table. The STEM coding used for the Current Population Survey (CPS) occupations differs slightly from the occupations listed in Table SLBR-1 due to additional granularity of occupations available in the CPS data. Details will be provided upon request.

#### Source(s):

Flood S, King M, Rodgers R, Ruggles S, Warren JR, 2022, Integrated Public-Use Microdata Series (IPUMS), Current Population Survey: Version 7.0 [2011–21], available at https://doi.org/10.18128/D030.V7.0.

Science and Engineering Indicators

**Table SLBR-4** 

### Monthly unemployment of workers, by occupation group and educational attainment: 2021

(Percent)

STEM group and educational attainment	January	February	March	April	May	June	July	August	September	October	November	December
STEM occupations, all education levels	4.1	3.9	3.5	3.7	3.4	3.7	3.1	2.7	2.7	2.3	2.4	2.2
Bachelor's degree or higher	2.8	2.5	2.3	2.4	2.1	2.3	1.8	1.6	1.7	1.7	1.6	1.2
Without a bachelor's degree (STW)	5.4	5.4	4.7	5.0	4.7	5.0	4.3	3.7	3.7	2.9	3.2	3.2
S&E occupations, all education levels	2.4	2.6	2.1	2.8	2.6	2.5	1.9	1.7	2.3	1.8	1.9	1.9
Bachelor's degree or higher	2.0	2.6	1.9	2.6	2.4	2.4	1.8	1.6	2.2	1.9	1.8	1.6
Without a bachelor's degree (STW)	3.8	2.6	3.1	3.7	3.7	3.1	2.5	2.1	2.7	1.7	2.3	2.9
S&E-related occupations, all education levels	2.7	1.9	2.2	2.1	2.0	2.5	1.9	2.0	1.9	1.6	1.3	1.0
Bachelor's degree or higher	2.5	2.0	2.0	1.8	1.5	1.9	1.6	1.3	1.1	1.3	1.0	0.5
Without a bachelor's degree (STW)	3.1	1.7	2.6	2.7	3.0	3.6	2.6	3.4	3.4	2.1	1.8	2.0
STEM middle-skill occupations, all education levels	6.6	6.7	5.7	5.7	5.2	5.5	4.8	3.9	3.7	3.3	3.7	3.5
Bachelor's degree or higher	7.0	4.5	5.4	4.2	3.7	3.5	3.0	3.0	2.2	2.6	3.2	2.3
Without a bachelor's degree (STW)	6.5	7.1	5.8	6.0	5.4	5.8	5.1	4.0	3.9	3.4	3.8	3.7
Non-STEM occupations, all education levels	7.2	7.1	6.7	6.1	6.0	6.3	6.0	5.7	4.8	4.5	4.1	3.9
Bachelor's degree or higher	4.7	4.6	4.3	3.9	3.6	4.4	4.4	3.9	2.9	2.7	2.4	2.2
Without a bachelor's degree	8.8	8.6	8.2	7.5	7.4	7.4	7.0	6.7	6.0	5.6	5.1	4.8

S&E = science and engineering; STEM = science, technology, engineering, and mathematics; STW = skilled technical workforce.

#### Note(s):

Data include the civilian, non-institutionalized labor force ages 16–75 and exclude those in military occupations, those missing occupation data or who have not worked in the last 5 years, and those currently enrolled in primary or secondary school. The STEM coding used for the Current Population Survey (CPS) occupations differs slightly from the occupations listed in Table SLBR-1 due to additional granularity of occupations available in the CPS data. Details will be provided upon request.

#### Source(s):

Flood S, King M, Rodgers R, Ruggles S, Warren JR, 2022, Integrated Public-Use Microdata Series (IPUMS), Current Population Survey: Version 7.0 [2021], available at https://doi.org/10.18128/D030.V7.0.

**Table SLBR-5** 

#### Labor force characteristics, by occupation group: 2016-19, 2021

(Percent)

		STE	M workers			Non-S	TEM workers	
Year	In the labor force	Employed	Unemployed	Not in the labor force	In the labor force	Employed	Unemployed	Not in the labor force
All workers								
2016	89.9	87.1	2.7	10.1	85.8	81.5	4.3	14.2
2017	89.9	87.5	2.5	10.1	85.9	82.0	4.0	14.1
2018	89.9	87.7	2.2	10.1	86.1	82.4	3.7	13.9
2019	90.0	87.9	2.1	10.0	86.5	83.0	3.5	13.5
2021	89.1	85.9	3.1	10.9	84.7	79.4	5.3	15.3
Bachel	or's degree or highe	er						
2016	91.8	90.1	1.7	8.2	88.1	85.6	2.5	11.9
2017	91.5	89.9	1.6	8.5	88.3	85.9	2.4	11.7
2018	91.4	90.0	1.5	8.6	88.5	86.2	2.3	11.5
2019	91.7	90.2	1.4	8.3	88.8	86.6	2.2	11.2
2021	91.2	89.3	2.0	8.8	87.9	84.4	3.5	12.1
Withou	t a bachelor's degre	ee						
2016	88.5	85.0	3.5	11.5	84.8	79.7	5.1	15.2
2017	88.8	85.7	3.1	11.2	84.8	80.2	4.7	15.2
2018	88.7	85.9	2.8	11.3	85.0	80.5	4.4	15.0
2019	88.7	86.0	2.7	11.3	85.4	81.3	4.1	14.6
2021	87.2	83.1	4.1	12.8	83.0	76.8	6.2	17.0

STEM = science, technology, engineering, and mathematics.

#### Note(s):

Data include the civilian, non-institutionalized population ages 16–75 and exclude those in military occupations, those missing occupation data or who have not worked in the last 5 years, and those currently enrolled in primary or secondary school. Coding of occupations into STEM categories reflects changes to American Community Survey (ACS) occupation codes following the 2018 update to the Standard Occupational Classification (SOC) implemented by the Bureau of Labor Statistics. Data from 2016 through 2017 use occupations from the 2010 occupation list, while data from 2018 through 2021 use occupations from the 2018 occupation list. Data for 2020 are not available due to the impact of the COVID-19 pandemic on ACS data collection for the survey year. Additional information is available at https://www.census.gov/programs-surveys/acs/data/experimental-data/2020-1-year-pums.html.

#### Source(s):

Census Bureau, American Community Survey (ACS), 1-Year Public-Use Files, 2016–19, 2021.

**Table SLBR-6** 

#### Labor force characteristics, by detailed occupation group: 2016-19, 2021

(Percent)

	;	S&E workers		S&E	related worke	rs	STEM n	niddle-skill wo	rkers	Non-STEM workers		
Year	Employed	Unemployed	Not in the labor force	Employed	Unemployed	Not in the labor force	Employed	Unemployed	Not in the labor force	Employed	Unemployed	Not in the labor force
All worke	ers											
2016	89.6	2.2	8.2	88.2	1.6	10.2	85.0	3.9	11.1	81.5	4.3	14.2
2017	89.6	2.1	8.4	88.1	1.5	10.3	85.9	3.5	10.7	82.0	4.0	14.1
2018	89.3	2.0	8.7	88.1	1.5	10.4	86.3	3.1	10.6	82.4	3.7	13.9
2019	89.7	2.0	8.4	88.4	1.4	10.2	86.3	2.9	10.8	83.0	3.5	13.5
2021	89.3	2.4	8.3	87.0	1.9	11.0	82.8	4.6	12.6	79.4	5.3	15.3
Bachel	or's degree	or higher										
2016	91.0	1.9	7.1	90.3	1.2	8.5	86.5	2.8	10.7	85.6	2.5	11.9
2017	90.9	1.8	7.3	89.9	1.2	8.9	86.5	2.8	10.7	85.9	2.4	11.7
2018	90.8	1.7	7.5	90.0	1.1	8.9	87.1	2.4	10.6	86.2	2.3	11.5
2019	91.0	1.6	7.4	90.3	1.1	8.6	87.3	2.3	10.4	86.6	2.2	11.2
2021	90.7	1.9	7.4	89.3	1.5	9.3	83.9	4.5	11.6	84.4	3.5	12.1
Withou	t a bacheloi	's degree										
2016	85.8	3.0	11.2	85.4	2.2	12.4	84.8	4.0	11.2	79.7	5.1	15.2
2017	85.6	3.0	11.5	85.8	2.0	12.3	85.8	3.6	10.7	80.2	4.7	15.2
2018	85.1	2.8	12.1	85.5	1.9	12.6	86.2	3.2	10.6	80.5	4.4	15.0
2019	85.7	3.0	11.3	85.6	1.9	12.5	86.2	3.0	10.8	81.3	4.1	14.6
2021	84.8	3.9	11.3	83.6	2.7	13.7	82.6	4.7	12.7	76.8	6.2	17.0

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

#### Note(s):

Data include the civilian, non-institutionalized population ages 16–75 and exclude those in military occupations, those missing occupation data or who have not worked in the last 5 years, and those currently enrolled in primary or secondary school. Coding of occupations into STEM categories reflects changes to American Community Survey (ACS) occupation codes following the 2018 update to the Standard Occupational Classification (SOC) implemented by the Bureau of Labor Statistics. Data from 2016 through 2017 use occupations from the 2010 occupation list, while data from 2018 through 2021 use occupations from the 2018 occupation list. Data for 2020 are not available due to the impact of the COVID-19 pandemic on ACS data collection for the survey year. Additional information is available at https://www.census.gov/programs-surveys/acs/data/experimental-data/2020-1-year-pums.html.

#### Source(s):

Census Bureau, American Community Survey (ACS), 1-Year Public-Use Files, 2016-19, 2021.

### **Table SLBR-7**

### Educational attainment of workers in STEM, by sex: 2021

(Percent)

Occupation group and sex	With a bachelor's degree or higher	Without a bachelor's degree (STW)
STEM workers		
Male	40.7	59.3
Female	60.8	39.2
S&E workers		
Male	76.6	23.4
Female	80.7	19.3
S&E-related workers		
Male	65.1	34.9
Female	61.1	38.9
STEM middle-skill worke	rs	
Male	11.3	88.7
Female	24.9	75.1

S&E = science and engineering; STEM = science, technology, engineering, and mathematics; STW = skilled technical workforce.

#### Note(s):

Data include the employed, civilian, non-institutionalized population ages 16–75 and exclude those currently enrolled in primary or secondary school.

#### Source(s):

Census Bureau, American Community Survey (ACS), 1-Year Public-Use File, 2021, data as of October 2022.

**Table SLBR-8** 

### Share of workers in STEM occupations, by sex: 2011, 2016, 2021

(Percent)

Occupation group and sex	2011	2016	2021
All workers			
STEM occupations	21.6	22.2	24.2
S&E occupations	4.2	4.8	6.2
S&E-related occupations	7.8	8.2	8.9
STEM middle-skill occupations	9.5	9.2	9.1
Non-STEM occupations	78.4	77.8	75.8
Male workers			
STEM occupations	27.8	28.0	30.0
S&E occupations	6.0	6.8	8.6
S&E-related occupations	5.4	5.4	5.9
STEM middle-skill occupations	16.4	15.8	15.5
Non-STEM occupations	72.2	72.0	70.0
Female workers			
STEM occupations	14.7	15.7	17.6
S&E occupations	2.3	2.6	3.5
S&E-related occupations	10.5	11.2	12.2
STEM middle-skill occupations	1.9	1.9	2.0
Non-STEM occupations	85.3	84.3	82.4

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

#### Note(s):

Data include the employed, civilian, non-institutionalized population ages 16–75 and exclude those currently enrolled in primary or secondary school. Coding of occupations into STEM categories reflects changes to American Community Survey (ACS) occupation codes following the 2018 update to the Standard Occupational Classification (SOC) implemented by the Bureau of Labor Statistics. Data from 2011 and 2016 use occupations from the 2010 occupation list, while data from 2021 use occupations from the 2018 occupation list. Total number of workers in each year were 137,527,445 in 2011; 149,016,499 in 2016; and 152,367,575 in 2021.

#### Source(s):

Census Bureau, American Community Survey (ACS), 1-Year Public-Use File, 2011, 2016, and 2021, data as of October 2022.

#### **Table SLBR-9**

### Share of women with a bachelor's degree or higher in S&E and S&E-related occupations: Selected years, 2010-21

(Percent)

Year	Computer and mathematical scientists	Biological, agricultural, and environmental life scientists	Physical scientists	Social scientists	Engineers	All S&E-related workers
2010	25.1	48.5	29.9	56.9	13.1	55.7
2013	25.4	48.7	30.8	60.8	15.1	56.3
2015	26.4	47.9	27.7	59.9	14.5	57.9
2017	26.9	47.8	29.3	58.8	15.6	57.6
2019	25.8	48.3	34.8	64.5	16.1	57.4
2021	26.1	46.3	33.1	60.8	16.0	57.7

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

#### Note(s):

Data include both the civilian and active-duty working population. STEM middle-skill occupations are excluded because the data source does not allow for the separation of STEM middle-skill occupations from non-STEM occupations. Historic estimates for 2010, 2013, and 2015 have been updated from previously published reports.

#### Source(s):

National Center for Science and Engineering Statistics, National Survey of College Graduates (NSCG), Public-Use Files, 2010–21, accessed 30 August 2023.

Table SLBR-10

### Distribution of race and ethnicity among STEM workers, by educational attainment: 2021

(Percent)

Occupation group and race or ethnicity	With a bachelor's degree or higher	Less than a bachelor's degree (STW)
STEM workers		
Hispanic	8.7	20.3
White	63.7	62.2
Asian	16.0	3.6
American Indian or Alaska Native	0.2	0.5
Black or African American	7.1	9.2
Other race alone or in combination	4.3	4.2
S&E workers		
Hispanic	8.3	13.6
White	59.5	65.6
Asian	21.6	5.5
American Indian or Alaska Native	0.1	0.4
Black or African American	6.0	9.7
Other race alone or in combination	4.4	5.2
S&E-related workers		
Hispanic	8.3	14.3
White	66.4	63.4
Asian	13.1	4.5
American Indian or Alaska Native	0.2	0.5
Black or African American	7.8	12.7
Other race alone or in combination	4.2	4.5
STEM middle-skill workers		
Hispanic	12.6	23.9
White	67.8	61.1
Asian	7.3	2.9
American Indian or Alaska Native	0.3	0.5
Black or African American	7.7	7.6
Other race alone or in combination	4.3	3.9

S&E = science and engineering; STEM = science, technology, engineering, and mathematics; STW = skilled technical workforce.

#### Note(s):

Data include the employed, civilian, non-institutionalized population ages 16–75 and exclude those currently enrolled in primary or secondary school. Hispanic may be any race. Race categories represent race alone and exclude Hispanic origin.

#### Source(s):

Census Bureau, American Community Survey (ACS), 1-Year Public-Use File, 2021, data as of 25 October 2022.

Table SLBR-11

# Median personal earnings for full-time, year-round workers, by STEM group and educational attainment: 2021

(Dollars)

STEM group	All	Bachelor's degree or higher	Without a bachelor's degree
STEM workers	68,976	89,931	51,925
S&E workers	90,635	99,523	71,802
S&E-related workers	72,949	88,898	54,536
STEM middle-skill workers	49,999	64,882	49,997
Non-STEM workers	49,903	69,968	39,957

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

#### Note(s):

Data include full-time, year-round civilian workers ages 16-75 and exclude those currently enrolled in primary or secondary school.

#### Source(s):

Census Bureau, American Community Survey (ACS), 1-Year Public-Use Files, 2021, data as of 25 October 2022.

Table SLBR-12
Select occupations with the highest median earnings for all full-time, year-round workers, by STEM occupation group and sex: 2021
(Dollars)

	All workers	Male	Female	Male - Female	
Detailed occupations	Median earnings	Median earnings	Median earnings	Difference	Significan
S&E occupations					
Economists	131,848	145,453	107,184	38,269	,
Astronomers and physicists	129,028	129,621	114,936	14,685	
Petroleum, mining and geological engineers, incl. mining safety engineers	119,946	125,875	105,874	(20,001)	
Sales engineers	119,443	119,494	110,780	8,714	
Software developers	119,038	119,435	105,639	13,796	,
Computer hardware engineers	115,688	117,173	107,231	9,942	
Aerospace engineers	107,904	109,846	96,684	13,162	,
Chemical engineers	107,725	109,594	103,037	6,557	
Electrical and electronics engineers	103,840	104,721	88,951	15,770	,
Information security analysts	102,388	103,892	99,039	4,853	
S&E-related occupations	· ·				,
Surgeons	452,254	459,495	410,696	48,799	
Physicians	225,364	252,038	198,350	53,688	,
Nurse anesthetists	178,501	179,710	173,932	5,778	
Dentists	159,906	188,597	131,886	56,711	,
Architectural and engineering managers	147,369	149,108	129,462	19,646	
Podiatrists	126,866	131,172	98,431	32,741	
Actuaries	126,316	129,689	119,211	10,478	
Pharmacists	124,168	129,209	119,764	9,445	,
Optometrists	119,648	134,924	99,331	35,593	
Computer and information systems managers	119,581	121,775	104,574	17,201	
STEM middle-skill occupations	· ·				
Industrial production managers	84,425	84,759	81,008	3,751	
Technical writers	78,356	79,763	74,495	5,268	
Firefighters	70,342	71,513	53,957	17,556	
Property appraisers and assessors	68,020	79,948	51,027	28,921	
Aircraft mechanics and service technicians	67,433	68,114	58,120	9,994	
Avionics technicians	67,368	70,153	58,354	(11,799)	
Stationary engineers and boiler operators	66,823	67,476	58,461	(9,015)	
Pumping station operators	66,711	65,698	78,267	12,569	
Other electrical and electronic equipment mechanics, installers, and repairers	65,804	65,912	45,789	(20,123)	
First-line supervisors of mechanics, installers, and repairers	64,649	64,846	51,029	13,817	,

<sup>\* =</sup> indicates significant difference between male and female median earnings at the 90% level.

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

### Note(s):

Data include full-time, year-round civilian workers ages 16–75 and exclude those in military occupations, those missing occupation data or who have not worked in the last 5 years, or those currently enrolled in primary or secondary school. Occupations were selected based on the median earnings of all workers within the STEM group indicated by the occupation. Non-STEM occupations are not shown.

### Source(s):

Census Bureau, American Community Survey (ACS), 1-Year Public-Use File, 2021, data as of 25 October 2022.

Table SLBR-13

Select occupations with the lowest median earnings for all full-time, year-round workers, by STEM occupation group and sex: 2021

(Dollars)

	All workers	Male	Female	Male -	Female
Detailed occupations	Median earnings	Median earnings	Median earnings	Difference	Significant
S&E occupations					
School psychologists	74,821	82,393	74,525	7,868	
Chemists and materials scientists	74,482	74,922	71,629	3,293	
Computer occupations, all other	72,981	74,303	69,722	4,581	*
Biological scientists	69,955	71,280	69,623	1,657	
Web and digital interface designers	69,451	69,608	69,306	302	
Agricultural and food scientists	68,420	74,669	62,486	12,183	*
Environmental scientists and specialists, incl. health	64,456	69,654	59,890	9,764	*
Computer support specialists	59,968	61,450	57,216	4,234	*
Conservation scientists and foresters	59,608	61,649	58,381	3,268	
Logisticians	57,083	59,972	51,399	8,573	*
S&E-related occupations		,	,		
Other life, physical, and social science technicians	46,862	49,290	44,680	4,610	*
Licensed practical and licensed vocational nurses	44,936	49,924	44,882	5,042	*
Medical records specialists	44,333	47,089	43,975	3,114	
Misc. health technologists and technicians	44,325	53,736	39,510	14,226	*
Opticians, dispensing	39,356	49,938	35,212	14,726	*
Emergency medical technicians	38,955	39,974	34,836	5,138	*
Pharmacy technicians	35,602	38,958	34,963	3,995	*
Psychiatric technicians	34,153	34,701	33,718	983	
Veterinary technologists and technicians	32,941	37,868	31,936	5,932	*
Dietetic technicians and ophthalmic medical technicians	29,981	29,802	30,129	(327)	
STEM middle-skill occupations	'	,	,		
Other installation, maintenance, and repair workers	43,945	44,604	35,879	8,725	*
Automotive service technicians and mechanics	42,903	42,943	34,042	8,901	*
Carpenters	41,576	41,715	38,871	2,844	
Etchers and engravers	40,642	40,066	40,669	(603)	
Prepress technicians and workers	39,342	44,220	29,984	14,236	*
Misc. production workers, incl. equipment operators and tenders		39,998	31,904	8,094	*
Roofers	37,431	37,452	28,563	(8,889)	
Drywall installers, ceiling tile installers, and tapers	36,024	36,400	31,585	4,815	
Chefs and head cooks	35,852	39,549	29,536	10,013	*
Butchers and other meat, poultry, and fish processing workers	35,844	37,813	29,852	7,961	*

<sup>\* =</sup> indicates a significant different between male and female median earnings at the 90% confidence level.

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

#### Note(s):

Data include full-time, year-round civilian workers ages 16–75 and exclude those currently enrolled in primary or secondary school. Occupation were selected based on the median earnings of all workers within the STEM group indicated by the occupation. Non-STEM occupations are not shown.

### Source(s):

Census Bureau, American Community Survey (ACS), 1-Year Public-Use File, 2021, as of 25 October 2022.

Table SLBR-14

### Median earnings for full-time, year-round workers in select STEM occupations, by sex: 2021

(Dollars)

	Median earnings					
Occupations	All	Male	Female	Male - Female	Significant	
Automotive service technicians and mechanics	42,903	42,943	34,042	8,901	*	
Carpenters	41,576	41,715	38,871	2,844		
Computer and information systems managers	119,581	121,775	104,574	17,201	*	
Computer occupations, all other	72,981	74,303	69,722	4,581	*	
Computer support specialists	59,968	61,450	57,216	4,234	*	
Computer systems analysts	84,201	89,793	77,160	12,633	*	
Electricians	54,325	54,389	51,409	2,980		
Licensed practical and licensed vocational nurses	44,936	49,924	44,882	5,042	*	
Maintenance and repair workers, general	49,825	49,852	35,783	14,069	*	
Medical and health services managers	76,763	89,516	74,071	15,445	*	
Misc. production workers, incl. equipment operators and tenders	38,238	39,998	31,904	8,094	*	
Other engineers	99,706	99,855	96,361	3,494		
Physicians	225,364	252,038	198,350	53,688	*	
Registered nurses	71,210	77,055	69,920	7,135	*	
Software developers	119,038	119,435	105,639	13,796	*	

<sup>\* =</sup> indicates a significant difference between male and female earnings at the 90% confidence level.

STEM = science, technology, engineering, and mathematics.

#### Note(s):

Data include full-time, year-round civilian workers ages 16–75 and exclude those currently enrolled in primary or secondary school. Occupations were selected based on the percentage of S&E, S&E-related, or STEM middle-skill workers employed in that occupation. Non-STEM occupations are not shown.

#### Source(s):

Census Bureau, American Community Survey (ACS), 1-Year Public-Use File, 2021, data as of 25 October 2022.

#### Table SLBR-15

### Median personal earnings of full-time, year-round workers in STEM groups, by race and ethnicity: 2021

(Dollars)

Race and ethnicity	STEM workers	S&E workers	S&E-related workers	STEM middle-skill workers	Non-STEM workers
All races and ethnicities	68,976	90,635	72,949	49,999	49,903
White	69,920	89,976	74,672	54,925	53,987
Asian	98,632	107,911	95,687	49,197	52,991
Black or African American	57,813	76,048	59,764	44,913	39,958
American Indian or Alaska Native	51,615	67,470	58,771	47,732	39,902
Other race alone or in combination	67,899	86,560	70,510	49,927	47,982
Hispanic	50,000	79,103	62,458	41,985	38,956

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

#### Note(s)

Data include full-time, year-round civilian workers ages 16–75 and exclude those currently enrolled in primary or secondary school. Hispanic may be any race. Race categories represent race alone and exclude Hispanic origin.

#### Source(s):

Census Bureau, American Community Survey (ACS), 1-Year Public-Use File, 2021, data as of 25 October 2022.

Table SLBR-16

### Median earnings of select STEM occupations, by race and ethnicity: 2021

(Dollars)

				Med	ian earnings		
Occupations	All workers	White	Asian	Black or African American	American Indian or Alaska Native	Other race alone or in combination	Hispanic
Automotive service technicians and mechanics	42,903	45,926	43,743	39,734	46,826	39,940	38,744
Carpenters	41,576	44,997	46,089	34,594	39,771	39,959	39,551
Computer and information systems managers	119,581	119,593	144,788	97,287	105,250	108,446	99,159
Computer occupations, all other	72,981	73,378	94,438	64,959	46,596	71,719	59,331
Computer support specialists	59,968	60,825	87,389	52,270	39,742	59,329	54,622
Computer systems analysts	84,201	84,578	94,617	71,952	85,990	79,495	78,119
Electricians	54,325	59,319	59,502	44,697	45,084	49,917	44,672
Licensed practical and licensed vocational nurses	44,936	44,821	59,466	44,939	49,277	48,845	44,835
Maintenance and repair workers, general	49,825	49,957	49,534	39,794	46,226	44,032	44,962
Medical and health services managers	76,763	81,523	83,801	67,655	69,004	77,320	60,576
Misc. production workers, incl. equipment operators and tenders	38,238	41,927	35,930	34,990	34,588	36,668	34,052
Other engineers	99,706	99,573	118,371	96,204	86,492	95,300	87,304
Physicians	225,364	239,139	224,786	193,256	S	208,970	199,729
Registered nurses	71,210	69,881	85,907	69,424	59,219	71,118	69,523
Software developers	119,038	114,910	124,958	99,126	99,938	111,488	99,558

s = suppressed for reliability; coefficient of variation exceeds publication standards.

STEM = science, technology, engineering, and mathematics.

#### Note(s):

Data include full-time, year-round civilian workers ages 16–75 and exclude those currently enrolled in primary or secondary school. Hispanic may be any race. Race categories represent race alone and exclude Hispanic origin. Occupations were selected based on the percentage of S&E, S&E-related, or STEM middle-skill workers employed in that occupation. Non-STEM occupations are not shown.

#### Source(s):

Census Bureau, American Community Survey (ACS), 1-Year Public-Use File, 2021, data as of 25 October 2022.

#### Table SLBR-17

### Distribution of workers in STEM occupations, by occupation group and educational attainment: 2021

(Percent)

Education level	S&E occupations	S&E-related occupations	STEM middle-skill occupations
All degree levels	25.6	36.8	37.6
Without a bachelor's degree (STW)	10.9	26.4	62.7
With a bachelor's degree or higher	41.7	48.2	10.0

S&E = science and engineering; STEM = science, technology, engineering, and mathematics; STW = skilled technical workforce.

#### Note(s)

Data include the employed, civilian, non-institutionalized population ages 16–75 and exclude those currently enrolled in primary or secondary school.

#### Source(s):

Census Bureau, American Community Survey (ACS), 1-Year Public-Use File, 2021, data as of 25 October 2022.

Table SLBR-18

### Occupation prevalence of the skilled technical workforce, by STEM group and select occupations: 2021

(Number and percent)

Occupation group	Number	Percent
All S&E occupations	2,098,049	100.0
Computer support specialists	377,392	18.0
Computer occupations, all other	348,721	16.6
Software developers	261,715	12.5
Computer systems analysts	142,102	6.8
Other engineers	118,771	5.7
All S&E-related occupations	5,078,332	100.0
Registered nurses	1,102,732	21.7
Licensed practical and licensed vocational nurses	571,670	11.3
Other engineering technologists and technicians, except drafters	311,519	6.1
Pharmacy technicians	309,023	6.1
Medical and health services managers	268,457	5.3
All STEM middle-skill occupations	12,079,367	100.0
Misc. production workers, incl. equipment operators and tenders	1,185,354	9.8
Carpenters	1,061,964	8.8
Electricians	845,360	7.0
Automotive service technicians and mechanics	790,628	6.5
Maintenance and repair workers, general	689,542	5.7

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

#### Note(s):

Data include the employed, civilian, non-institutionalized population ages 16–75 and exclude those currently enrolled in primary or secondary school. Occupations were selected based on the percentage of S&E, S&E-related, or STEM middle-skill workers that belong to the STW. Non-STEM occupations are not shown.

### Source(s):

Census Bureau, American Community Survey (ACS), 1-Year Public-Use File, 2021, data as of October 2022.

Table SLBR-19

# Median earnings and prevalence of the skilled technical workforce in select occupations, by STEM group and educational attainment: 2021

(Number, percent, dollars)

			Educ	ational attai	inment (%)	Median earnings (\$)				
Occupation title	Number	Percent of workers in the STW	No college	Some college	Associate's degree	No college	Some college	Associate's degree		
All S&E occupations	2,098,049	22.3	5.2	10.5	6.6	68,637	73,550	71,548		
Computer support specialists	377,392	52.0	11.6	24.7	15.6	53,091	54,756	56,174		
Computer occupations, all other	348,721	46.0	11.4	21.5	13.1	59,894	60,272	57,458		
Software developers	261,715	14.2	2.7	7.5	3.9	99,820	103,627	94,685		
Computer systems analysts	142,102	24.6	5.1	12.7	6.8	69,820	74,688	71,052		
Other engineers	118,771	17.2	4.5	7.1	5.5	79,280	84,924	79,679		
All S&E-related occupations	5,078,332	37.5	8.2	13.1	16.2	45,832	49,991	59,831		
Registered nurses	1,102,732	32.4	1.8	4.1	26.5	66,298	64,121	64,527		
Licensed practical and licensed vocational nurses	571,670	95.0	22.2	53.3	19.5	39,958	46,968	44,820		
Other engineering technologists and technicians, except drafters	311,519	76.7	27.0	30.4	19.3	51,832	61,094	64,515		
Pharmacy technicians	309,023	80.7	27.4	37.9	15.4	34,850	34,956	34,983		
Medical and health services managers	268,457	35.0	10.0	14.2	10.8	49,800	59,969	66,537		
All STEM middle-skill occupations	12,079,367	87.3	51.7	24.4	11.2	44,990	52,929	59,524		
Misc. production workers, incl. equipment operators and tenders	1,185,354	91.6	64.3	20.8	6.6	35,996	39,939	47,110		
Carpenters	1,061,964	92.9	67.8	19.8	5.3	39,984	44,857	44,595		
Electricians	845,360	92.8	47.2	30.2	15.3	49,930	59,145	64,237		
Automotive service technicians and mechanics	790,628	95.8	60.2	22.4	13.2	39,938	43,582	49,951		
Maintenance and repair workers, general	689,542	91.8	56.7	23.8	11.2	45,106	49,959	54,495		

S&E = science and engineering; STEM = science, technology, engineering, and mathematics; STW = skilled technical workforce.

#### Note(s):

Data include the employed, civilian, non-institutionalized population ages 16–75 and exclude those currently enrolled in primary or secondary school. Earnings data represent full-time, year-round workers only. Only select occupations are shown; therefore, granular occupations do not add up to aggregate value. Occupations were selected based on the percentage of workers that belong to the STW. Non-STEM occupations are not shown.

#### Source(s):

Census Bureau, American Community Survey (ACS), 1-Year Public-Use File, 2021, data as of 25 October 2022.

Table SLBR-20

## Prevalence of STEM workers in select industries, by occupation group: 2021

(Percent)

STEM group and industry NAICS code and title	STEM occupations	S&E occupations	S&E-related occupations	STEM middle-skill occupations
S&E occupation selection				
6213 exc. 62131, 62132 - Offices of other health practitioners	72.4	23.2	48.9	0.3
5413 - Architectural, engineering, and related services	67.0	36.8	25.7	4.5
336414, 336415, 336419 - Aerospace products and parts manufacturing	64.3	41.2	9.6	13.4
5415 - Computer systems design and related services	62.0	50.6	9.2	2.2
5417 - Scientific research and development services	61.4	42.5	16.8	2.0
336411, 336412, 336413 - Aircraft and parts manufacturing	55.9	33.4	6.1	16.5
924, 925 - Administration of environmental quality and housing programs	54.9	39.9	11.5	3.5
3344, 3346 - Electronic component and product manufacturing,				
n.e.c.	52.2	31.7	10.1	10.4
517311 - Wired telecommunications carriers	50.7	17.6	5.7	27.4
3341 - Computer and peripheral equipment manufacturing	50.4	35.3	7.7	7.5
5182 - Data processing, hosting, and related services	49.4	32.9	12.6	3.9
3342, 3343 - Communications, audio, and video equipment manufacturing	48.5	28.2	7.6	12.7
1131, 1132 - Forestry except logging	47.8	21.1	14.2	12.5
3254 - Pharmaceutical and medicine manufacturing	47.2	24.1	9.0	14.1
3336 - Engine, turbine, and power transmission equipment manufacturing	46.7	20.4	6.6	19.7
3345 - Navigational, measuring, electromedical, and control instruments manufacturing	45.9	24.8	10.7	10.5
51913 - Internet publishing and broadcasting and web search portals	45.9	37.6	4.6	3.7
5112 - Software publishers	44.2	35.8	6.4	2.1
517 exc. 517311 - Telecommunications, except wired telecommunications carriers	41.1	20.6	4.3	16.2
928 - National security and international affairs	35.9	22.8	5.4	7.8
926, 927 - Administration of economic programs and space research	33.2	19.7	6.1	7.4
S&E-related occupation selection				
6221, 6223 - General medical and surgical hospitals, and specialty (except psychiatric and substance abuse) hospitals	66.1	3.5	61.3	1.2
44611 - Pharmacies and drug stores	56.2	1.9	52.8	1.5
6215, 6219 - Other health care services	53.6	5.2	47.5	0.9
6211 - Offices of physicians	53.2	2.0	51.0	0.2
54194 - Veterinary services	53.0	0.4	52.4	0.2
62131 - Offices of chiropractors	52.9	S	52.7	5
62132 - Offices of optometrists	51.8	0.4	51.3	5
6214 - Outpatient care centers	50.3	2.9	46.9	0.5
6222 - Psychiatric and substance abuse hospitals	47.5	3.2	42.8	1.5
6212 - Offices of dentists	41.2	0.3	40.6	0.2
6231 - Nursing care facilities (skilled nursing facilities)	36.5	0.3	35.0	1.2
STEM middle-skill occupation selection				
8112 - Electronic and precision equipment repair and maintenance	75.3	8.4	5.6	61.4
22132 - Sewage treatment facilities	65.8	8.4	6.0	51.4
22131, 22133 - Water, steam, air - conditioning, and irrigation systems	54.4	9.5	4.4	40.5
32411 - Petroleum refining	54.4	17.4	6.0	31.0
3327 - Machine shops; turned product; screw, nut, and bolt manufacturing	54.1	4.1	2.4	47.6

Table SLBR-20

### Prevalence of STEM workers in select industries, by occupation group: 2021

(Percent)

STEM group and industry NAICS code and title	STEM occupations	S&E occupations	S&E-related occupations	STEM middle-skill occupations
8111 exc. 811192 - Automotive repair and maintenance	52.0	0.3	0.1	51.5
3221 - Pulp, paper, and paperboard mills	50.6	7.3	3.5	39.8
32222,32223, 32229 - Miscellaneous paper and pulp products	49.9	8.2	2.0	39.7
3335 - Metalworking machinery manufacturing	49.0	8.6	4.3	36.1
211 - Oil and gas extraction	48.9	15.5	6.6	26.8
3251, 3259 - Industrial and miscellaneous chemicals	48.7	16.5	6.9	25.4
3252 - Resin, synthetic rubber, and fibers and filaments manufacturing	48.3	7.3	4.1	36.8
3366 - Ship and boat building	48.3	13.4	4.9	30.0
112 - Animal production and aquaculture	46.7	0.5	1.0	45.2
486 - Pipeline transportation	45.2	10.3	6.4	28.5
3122 - Tobacco manufacturing	45.1	S	S	42.4
213 - Support activities for mining	42.5	11.1	4.3	27.1
2212 - Natural gas distribution	42.5	7.4	3.4	31.7
32622, 32629 - Rubber products, except tires, manufacturing	42.4	5.6	4.2	32.0
2122 - Metal ore mining	41.9	6.4	6.8	28.
321991, 321992 - Prefabricated wood buildings and mobile homes manufacturing	41.0	2.0	3.2	35.
23 - Construction (the cleaning of buildings and dwellings is incidental during construction and immediately after construction)	40.4	1.8	1.0	37.
8113 - Commercial and industrial machinery and equipment repair and maintenance	40.0	1.3	1.2	37.5
3279 - Miscellaneous nonmetallic mineral product manufacturing	38.7	4.7	1.6	32.4
111 - Crop production	38.2	1.1	1.2	35.
332992, 332993, 332994, 332996 - Ordnance	38.2	6.7	3.6	27.
Part of 31, 32, 33 - Not specified manufacturing industries	37.9	6.1	1.8	30.
5419 exc. 54194 - Other professional, scientific, and technical services	37.4	10.3	3.0	24.:
32221 - Paperboard container manufacturing	37.3	2.0	1.5	33.
3272 - Glass and glass product manufacturing	37.3	4.9	3.7	28.0
92113 - Public finance activities	36.7	9.5	2.0	25.
3116 - Animal slaughtering and processing	36.6	1.5	1.5	33.
8114 - Personal and household goods repair and maintenance	35.1	0.5	0.5	34.
32621 - Tire manufacturing	34.9	6.4	2.3	26.3
3211 - Sawmills and wood preservation	34.5	2.9	0.5	31.
3311, 3312 - Iron and steel mills and steel product manufacturing	34.1	5.0	2.8	26.3
3212 - Veneer, plywood, and engineered wood products	33.9	2.3	1.7	29.9
3399 exc. 33992, 33993 - Miscellaneous manufacturing, n.e.c.	33.2	5.6	2.4	25.:
3321 - Metal forgings and stampings	33.1	4.0	1.7	27.4
3261 - Plastics product manufacturing	32.8	5.1	3.0	24.7
2121 - Coal mining	32.7	2.8	1.7	28.2
5122 - Sound recording industries	31.6	4.0	S	27.4
3219 exc. 321991, 321992 - Miscellaneous wood products	29.5	2.1	1.9	25.6

s = suppressed for reliability; coefficient of variation exceeds publication standards.

NAICS = North American Industry Classification System; n.e.c. = not elsewhere classified; S&E = science and engineering; STEM = science, technology, engineering, and mathematics.

#### Note(s):

Data include the employed, civilian, non-institutionalized population ages 16–75 and exclude those currently enrolled in primary or secondary school. Industries were selected if the percentage of S&E, S&E-related, or STEM-middle skill workers in that industry was at least 2.5 times the percentage of all U.S. workers in the indicated STEM group. In 2021, 24.2% of workers were in STEM occupations, 6.2% were in S&E occupations, 8.9% were in S&E-related occupations, and 9.1% were in STEM middle-skill occupations.

#### Source(s):

Census Bureau, American Community Survey (ACS), 1-Year Public-Use File, 2021, data as of October 2022.

Table SLBR-21

Distribution of STEM workers among all state workers, by occupation group and educational attainment: 2021

(Percent distribution)

		A	All education	levels			Bachelo	or's deg	gree or higher			Witho	ut a bachel	or's degree	
State	Non-STEM workers	STEM workers	S&E workers	S&E-related workers	STEM middle- skill workers	Non-STEM workers	STEM workers	S&E	S&E-related workers	STEM middle- skill workers	Non-STEM workers	STEM workers	S&E workers	S&E-related workers	STEM middle- skill workers
Alabama	75.0	25.0	5.2	8.9	10.9	22.2	9.5	4.1	4.5	0.9	52.8	15.5	1.1	4.4	10.1
Alaska	75.2	24.8	4.4	8.9	11.4	23.5	9.9	3.4	5.6	0.9	51.7	14.9	1.0	3.3	10.6
Arizona	76.4	23.6	6.6	8.7	8.3	23.6	10.7	4.7	5.2	0.8	52.8	12.9	2.0	3.5	7.5
Arkansas	76.0	24.0	3.5	8.9	11.6	20.3	8.5	2.4	4.9	1.3	55.7	15.5	1.1	4.1	10.3
California	76.7	23.3	7.5	8.0	7.9	27.0	12.7	6.3	5.2	1.2	49.7	10.7	1.2	2.8	6.7
Colorado	74.3	25.7	8.6	8.7	8.4	32.3	14.6	7.1	6.1	1.4	42.0	11.1	1.5	2.6	7.0
Connecticut	75.7	24.3	6.8	9.6	7.9	32.7	12.9	5.3	6.4	1.1	43.0	11.4	1.5	3.2	6.8
Delaware	75.8	24.2	5.9	8.9	9.4	26.2	10.8	4.5	5.0	1.3	49.6	13.4	1.4	3.9	8.1
District of Columbia	79.8	20.2	11.9	6.0	2.3	56.4	16.9	10.8	5.1	1.0	23.4	3.3	1.0	1.0	1.3
Florida	78.4	21.6	4.6	8.8	8.2	25.9	9.5	3.3	5.2	1.0	52.5	12.1	1.3	3.6	7.2
Georgia	76.7	23.3	6.0	8.4	8.9	27.8	10.6	4.5	5.1	1.0	48.9	12.7	1.5	3.3	7.9
Hawaii	78.8	21.2	4.4	8.1	8.7	29.1	10.2	3.3	5.3	1.6	49.7	11.0	1.2	2.7	7.2
Idaho	76.7	23.3	4.5	8.2	10.6	22.0	9.2	3.1	4.9	1.2	54.6	14.2	1.4	3.4	9.4
Illinois	76.3	23.7	6.0	8.8	8.8	30.4	11.9	4.8	5.9	1.2	45.9	11.8	1.2	3.0	7.6
Indiana	74.2	25.8	4.8	9.2	11.8	23.0	10.1	3.5	5.4	1.3	51.3	15.6	1.3	3.8	10.5
lowa	75.0	25.0	4.9	8.4	11.7	24.0	9.1	3.5	4.3	1.3	51.0	15.9	1.4	4.1	10.4
Kansas	74.5	25.5	5.5	9.3	10.7	26.7	11.5	4.2	5.9	1.4	47.8	14.0	1.2	3.4	9.3
Kentucky	75.8	24.2	4.2	9.5	10.5	23.3	9.6	3.0	5.5	1.2	52.5	14.6	1.2	4.0	9.4
Louisiana	76.2	23.8	3.4	10.2	10.3	22.0	9.2	2.5	5.8	0.9	54.2	14.6	0.9	4.4	9.4
Maine	76.3	23.7	5.2	8.8	9.7	28.1	10.6	3.7	5.7	1.2	48.2	13.1	1.5	3.1	8.5
Maryland	73.2	26.8	10.3	8.8	7.7	31.1	15.2	8.1	6.1	1.0	42.0	11.6	2.2	2.7	6.7
Massachusetts	73.5	26.5	9.0	10.1	7.4	35.6	16.1	7.7	7.1	1.3	37.9	10.4	1.3	3.0	6.1
Michigan	74.1	25.9	6.6	9.0	10.2	24.6	11.6	5.0	5.6	1.0	49.6	14.3	1.7	3.5	9.1
Minnesota	73.8	26.2	6.7	10.0	9.5	28.6	12.7	5.0	6.4	1.3	45.2	13.5	1.7	3.7	8.2
Mississippi	76.9	23.1	2.7	9.6	10.8	21.1	7.6	1.7	4.7	1.2	55.8	15.5	0.9	4.9	9.6
Missouri	75.3	24.7	5.3	9.8	9.7	25.8	10.6	3.9	5.6	1.1	49.5	14.1	1.4	4.1	8.6
Montana	75.5	24.5	4.3	8.7	11.6	26.8	10.7	3.2	5.4	2.1	48.7	13.9	1.1	3.2	9.5
Nebraska	73.5	26.5	4.7	9.4	12.4	26.6	11.0	3.4	6.0	1.5	46.8	15.5	1.3	3.4	10.9
Nevada	79.7	20.3	3.7	7.8	8.8	20.9	8.5	2.6	4.9	1.0	58.8	11.8	1.1	2.8	7.8
New Hampshire	72.2	27.8	8.0	9.9	10.0	27.9	14.4	6.4	6.6	1.4	44.2	13.4	1.5	3.3	8.6
New Jersey	76.2	23.8	7.2	9.2	7.4	35.1	13.5	6.0	6.3	1.3	41.0	10.3	1.2	2.9	6.1
New Mexico	75.9	24.1	6.1	8.8	9.2	21.7	11.2	4.6	5.4	1.1	54.2	12.9	1.5	3.4	8.1
New York	78.3	21.7	5.1	9.3	7.3	34.7	11.8	4.1	6.4	1.3	43.6	9.9	1.0	2.9	6.0
North Carolina	74.8	25.2	6.1	9.4	9.7	27.5	11.5	4.7	5.7	1.1	47.3	13.7	1.4	3.7	8.6

Table SLBR-21

Distribution of STEM workers among all state workers, by occupation group and educational attainment: 2021

(Percent distribution)

		Α	II education	levels			Bachelo	or's deg	ree or higher			Witho	ut a bachel	or's degree	
State	Non-STEM workers	STEM workers	S&E workers	S&E-related workers	STEM middle- skill workers	Non-STEM workers	STEM workers	S&E	S&E-related workers	STEM middle- skill workers	Non-STEM workers	STEM workers	S&E workers	S&E-related workers	STEM middle- skill workers
North Dakota	74.3	25.7	3.8	9.1	12.8	23.4	10.4	3.1	5.8	1.5	50.9	15.3	0.7	3.3	11.3
Ohio	75.0	25.0	5.5	9.7	9.9	24.6	10.6	3.9	5.6	1.0	50.3	14.5	1.6	4.0	8.8
Oklahoma	76.1	23.9	4.3	8.4	11.2	22.5	8.8	3.0	4.5	1.3	53.6	15.1	1.3	3.9	9.9
Oregon	75.2	24.8	7.0	8.8	9.0	26.8	12.4	5.2	5.8	1.4	48.4	12.4	1.8	2.9	7.7
Pennsylvania	74.8	25.2	5.9	10.2	9.0	28.0	12.1	4.6	6.5	1.0	46.9	13.0	1.3	3.7	7.9
Rhode Island	76.0	24.0	5.7	8.8	9.4	29.4	11.1	4.3	5.6	1.2	46.7	12.9	1.5	3.3	8.2
South Carolina	75.7	24.3	4.7	9.3	10.3	25.3	9.9	3.2	5.3	1.4	50.4	14.4	1.5	4.0	8.8
South Dakota	73.2	26.8	3.9	10.2	12.7	22.3	10.5	2.8	6.1	1.7	50.8	16.3	1.2	4.1	11.1
Tennessee	76.4	23.6	4.5	9.2	9.8	25.2	9.7	3.3	5.3	1.1	51.2	13.9	1.2	4.0	8.8
Texas	76.5	23.5	6.0	7.9	9.7	25.4	10.5	4.6	4.8	1.2	51.1	13.0	1.4	3.1	8.5
Utah	75.7	24.3	6.9	7.7	9.7	23.6	10.6	4.7	4.7	1.2	52.1	13.7	2.3	2.9	8.5
Vermont	73.6	26.4	4.6	10.0	11.8	32.5	12.1	3.5	7.0	1.6	41.2	14.3	1.1	3.0	10.2
Virginia	74.0	26.0	9.1	8.7	8.2	31.6	14.0	7.2	5.8	1.0	42.4	11.9	1.9	2.9	7.1
Washington	73.0	27.0	9.8	8.6	8.7	26.8	14.9	8.1	5.5	1.2	46.2	12.1	1.6	3.0	7.4
West Virginia	75.8	24.2	4.0	10.3	10.0	21.2	9.2	2.5	5.8	0.9	54.6	15.1	1.5	4.5	9.1
Wisconsin	73.9	26.1	5.6	9.2	11.3	24.1	10.7	4.2	5.3	1.2	49.8	15.4	1.4	3.9	10.1
Wyoming	75.0	25.0	3.4	8.2	13.4	20.5	7.8	2.6	4.2	1.1	54.5	17.1	0.8	4.0	12.3

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

#### Note(s)

Data include the employed, civilian, non-institutionalized population ages 16–75 and exclude those currently enrolled in primary or secondary school.

#### Source(s)

Census Bureau, American Community Survey (ACS), 1-Year Public-Use File, 2021, data as of October 2022.

Table SLBR-22

# STEM workers, by occupation group and Public Use Microdata Area: 2021

(Number and percent)

			ALL S		S&E occ	upations	S&E-r occup	elated ations		ddle-skill ations	MSA		
PUMA name	PUMA ID	State	Number	Percent	Number	Percent	Number	Percent	Number	Percent	code		
Santa Clara County (Northwest)-Sunnyvale & San Jose (North) Cities	0608502	California	40,600	47.7	31,800	37.3	5,800	6.8	3,100	3.6	41940	San Jose-Sunnyvale-Santa Clara, CA	
Santa Clara County (Northwest)San Jose (Northwest) & Santa Clara Cities	0608503	California	41,000	45.6	31,600	35.1	5,200	5.8	4,200	4.6	41940	San Jose-Sunnyvale-Santa Clara, CA	
Santa Clara County (Northwest)Mountain View, Palo Alto & Los Altos Cities	0608501	California	45,700	45.2	31,100	30.8	11,700	11.6	2,900	2.8	41940	San Jose-Sunnyvale-Santa Clara, CA	
Alameda County (South Central)Fremont City (East)	0600109	California	44,500	44.1	30,600	30.3	9,200	9.2	4,700	4.7	41860	San Francisco-Oakland-Hayward, CA	
King County (Northwest)Redmond, Kirkland Cities, Inglewood & Finn Hill	5311607	Washington	34,900	43.4	24,600	30.6	7,600	9.5	2,700	3.3	42660	Seattle-Tacoma-Bellevue, WA	
San Diego County (West Central)San Diego City (Northwest/Del Mar Mesa)	0607311	California	23,900	43.3	13,600	24.6	8,200	14.9	s	s	41740	San Diego-Carlsbad, CA	
Santa Clara County (North Central)-Milpitas & San Jose (Northeast) Cities	0608504	California	31,600	43.2	19,800	27.1	7,400	10.2	4,400	6.0	41940	San Jose-Sunnyvale-Santa Clara, CA	
Santa Clara County (Southwest)-Cupertino, Saratoga Cities & Los Gatos Town	0608507	California	28,100	43.0	20,100	30.8	7,200	11.0	s	s	41940	San Jose-Sunnyvale-Santa Clara, CA	
Seattle City (Downtown)Queen Anne & Magnolia	5311603	Washington	43,300	40.2	28,700	26.6	12,300	11.4	s	s	42660	Seattle-Tacoma-Bellevue, WA	
Dallas County (Northwest)-Irving (North), Coppell & Carrollton (Southwest) Cities	4802322	Texas	28,300	39.6	16,200	22.8	7,300	10.2	4,800	6.7	19100	Dallas-Fort Worth-Arlington, TX	
Middlesex County (East)Cambridge City	2500506	Massachusetts	27,100	39.1	18,800	27.2	7,000	10.1	s	s	14460	Boston-Cambridge-Newton, MA-NH	
King County (Northwest Central)-Greater Bellevue City	5311608	Washington	28,800	39.0	20,600	27.9	7,400	10.0	s	s	42660	Seattle-Tacoma-Bellevue, WA	
Alameda County (Southwest)-Union City, Newark & Fremont (West) Cities	0600108	California	27,000	37.6	15,300	21.4	8,100	11.3	3,500	4.9	41860	San Francisco-Oakland-Hayward, CA	
San Diego County (Central)San Diego City (Central/Mira Mesa & University Heights)	0607312	California	22,500	37.5	14,700	24.5	5,400	9.1	2,400	3.9	41740	San Diego-Carlsbad, CA	
Wake County (Southwest)Apex & Holly Springs Towns	3701208	North Carolina	29,700	37.5	14,900	18.7	12,100	15.2	s	s	39580	Raleigh, NC	
Howard County (West)Columbia (West) & Ellicott City (Northwest)	2400901	Maryland	26,500	37.4	14,000	19.8	9,200	12.9	3,300	4.7	12580	Baltimore-Columbia-Towson, MD	
Warren County (West)Mason, Franklin & Springboro (West) Cities	3905302	Ohio	19,400	36.9	8,000	15.2	8,100	15.4	s	6.3	17140	Cincinnati, OH-KY-IN	
Santa Clara County (Central)San Jose (West Central) & Campbell Cities	0608508	California	24,700	36.9	15,400	23.0	6,200	9.3	3,100	4.6	41940	San Jose-Sunnyvale-Santa Clara, CA	
Washington County (West)Forest Grove, Cornelius Cities, Bethany & Oak Hills	4101321	Oregon	20,300	36.8	9,500	17.2	5,800	10.6	4,900	9.0	38900	Portland-Vancouver-Hillsboro, OR-WA	
Olmsted CountyRochester City	2702500	Minnesota	31,300	36.8	6,700	7.8	18,700	22.1	5,900	6.9	40340	Rochester, MN	
Oakland County (East Central)Troy & Rochester Area	2602903	Michigan	30,300	36.7	14,800	17.9	10,900	13.2	4,600	5.6	19820	Detroit-Warren-Dearborn, MI	
Middlesex County (North Central)-Metuchen Borough	3400904	New Jersey	21,200	36.7	11,100	19.1	7,300	12.6	2,900	5.0	35620	New York-Newark-Jersey City, NY-NJ-P	
Hennepin CountyBrooklyn Park, Maple Grove (East) & Osseo Cities	2701403	Minnesota	22,700	36.6	5,600	8.9	8,800	14.2	8,400	13.5	33460	Minneapolis-St. Paul-Bloomington, MN-WI	
Washington County (Central)Hillsboro City	4101322	Oregon	23,000	36.6	10,300	16.4	7,000	11.2	5,600	9.0	38900	Portland-Vancouver-Hillsboro, OR-WA	
Albuquerque City (Far Northeast Heights)	3500801	New Mexico	17,600	36.6	5,600	11.7	10,500	21.8	s	s	10740	Albuquerque, NM	
King County (Central)Sammamish, Issaquah, Mercer Island & Newcastle Cities	5311609	Washington	28,300	36.4	18,700	24.0	8,200	10.5	s	s	42660	Seattle-Tacoma-Bellevue, WA	
Snohomish County (South Central)-Bothell (North), Mill Creek Cities & Silver Firs	5311704	Washington	27,000	36.3	14,600	19.5	7,100	9.5	5,400	7.3	42660	Seattle-Tacoma-Bellevue, WA	
Fort Bend County (Northeast)-Sugar Land & Stafford Cities	4804902	Texas	23,600	36.2	11,100	17.0	8,700	13.3	3,900	5.9	26420	Houston-The Woodlands-Sugar Land, T	
Alameda County (East)Livermore, Pleasanton & Dublin Cities	0600110	California	43,600	36.1	23,800	19.7	13,600	11.3	6,300	5.2	41860	San Francisco-Oakland-Hayward, CA	
San Diego County (Central)San Diego (Northeast/Rancho Bernardo) & Poway Cities	0607308	California	21,600	36.0	11,800	19.6	6,700	11.1	3,200	5.3	41740	San Diego-Carlsbad, CA	
Wake County (West Central)Cary Town	3701207	North Carolina	25,800	36.0	14,500	20.2	8,300	11.6	3,000	4.2	39580	Raleigh, NC	

Table SLBR-22

# STEM workers, by occupation group and Public Use Microdata Area: 2021

(Number and percent)

			ALL S		S&E occi	upations	S&E-ro	elated ations		ddle-skill ations	MSA	
PUMA name	PUMA ID	State	Number	Percent	Number	Percent	Number	Percent	Number	Percent	code	MSA title
Middlesex CountyWatertown Town City, Arlington, Belmont & Winchester												
Towns	2500505	Massachusetts	24,900	36.0	14,800	21.3	7,500	10.9	2,600	3.8	14460	Boston-Cambridge-Newton, MA-NH
Washtenaw County (East Central)Ann Arbor City Area	2602702	Michigan	22,100	35.9	9,900	16.1	9,000	14.6	3,200	5.2	11460	Ann Arbor, MI
Dane County (West)	5500103	Wisconsin	43,700	35.8	20,500	16.8	16,200	13.3	7,000	5.7	31540	Madison, WI
Durham County (South)Durham City (South)	3701301	North Carolina	36,300	35.6	13,600	13.3	17,400	17.1	5,300	5.2	20500	Durham-Chapel Hill, NC
Seattle City (Northwest)	5311601	Washington	37,000	35.3	22,700	21.6	9,600	9.1	4,700	4.5	42660	Seattle-Tacoma-Bellevue, WA
Craven County	3704300	North Carolina	13,500	35.2	2,500	6.6	5,700	15.0	5,200	13.5	35100	New Bern, NC
Middlesex County (Southwest)	3400902	New Jersey	20,300	35.2	12,200	21.2	5,400	9.3	2,700	4.7	35620	New York-Newark-Jersey City, NY-NJ-PA
San Francisco County (Central)South of Market & Potrero	0607503	California	28,900	35.1	19,000	23.1	7,100	8.7	s	s	41860	San Francisco-Oakland-Hayward, CA
Middlesex (Southeast) & Norfolk (Northeast) Counties-Newton City & Brookline Town	2503400	Massachusetts	28,000	35.1	13,700	17.2	13,100	16.4	s	s	14460	Boston-Cambridge-Newton, MA-NH
Billerica, Andover, Tewksbury & Wilmington Towns	2501300	Massachusetts	23,800	34.9	9,800	14.4	9,100	13.4	4,800	7.1	14460	Boston-Cambridge-Newton, MA-NH
Hamilton County (Central)Carmel City & Fishers Town (West)	1801802	Indiana	25,600	34.7	12,500	17.0	10,300	13.9	2,800	3.7	26900	-
Huntsville (North) & Madison (East) Cities	0100301	Alabama	25,000	34.6	14,100	19.6	6,100	8.5	4,800	6.6	26620	Huntsville, AL
King County (Northeast)-Snoqualmie City, Cottage Lake, Union Hill & Novelty Hill	5311616	Washington	20,300	34.6	12,400	21.1	6,000	10.2	1,900	3.3	42660	Seattle-Tacoma-Bellevue, WA
Collin County (Southwest)-Plano City (West)	4801902	Texas	21,600	34.6	12,900	20.7	7,200	11.5	S	s	19100	Dallas-Fort Worth-Arlington, TX
Middlesex County (Outside Lowell City)	2500501	Massachusetts	20,800	34.5	8,200	13.6	7,100	11.7	5,500	9.2	14460	Boston-Cambridge-Newton, MA-NH
St. Louis County (West)	2901804	Missouri	19,100	34.2	7,500	13.5	7,900	14.1	3,700	6.7	41180	St. Louis, MO-IL
Loudoun County (East Central)Ashburn (Southwest/Belmont Ridge) & Dulles Airport	5110702	Virginia	28,600	34.2	16,700	20.0	9,000	10.7	2,900	3.5	47900	Washington-Arlington-Alexandria, DC-VA-MD-WV
Hillsborough County (Western)	3300600	New Hampshire	19,600	34.0	7,300	12.6	5,900	10.2	6,400	11.1	31700	Manchester-Nashua, NH
Austin City (South)	4805307	Texas	30,100	34.0	12,700	14.4	9,100	10.3	8,300	9.3	12420	Austin-Round Rock, TX
Williamson County (South)Austin City (Far North), Brushy Creek & Jollyville	4805203	Texas	27,300	34.0	15,300	19.1	7,600	9.4	4,400	5.5	12420	Austin-Round Rock, TX
Middlesex CountyWaltham City, Lexington, Burlington, Bedford & Lincoln Towns	2500503	Massachusetts	24,400	34.0	13,800	19.3	7,600	10.6	2,900	4.1	14460	Boston-Cambridge-Newton, MA-NH
Santa Clara County (Central)–San Jose City (South Central/Branham) & Cambrian Park	0608511	California	19,300	33.9	9,800	17.2	5,700	9.9	3,800	6.7	41940	San Jose-Sunnyvale-Santa Clara, CA
Oakland County (Southwest)	2602905	Michigan	22,600	33.9	11,100	16.7	8,200	12.3	3,300	4.9	19820	Detroit-Warren-Dearborn, MI
East Texas COG (Southeast)Rusk, Cherokee & Panola Counties	4801700	Texas	16,700	33.8	1,600	3.1	5,400	10.9	9,800	19.8	30980	Longview, TX
Contra Costa County (South)San Ramon City & Danville Town	0601305	California	22,500	33.8	11,500	17.2	7,900	11.8	3,200	4.8	41860	San Francisco-Oakland-Hayward, CA
San Francisco County (Central)-Inner Mission & Castro	0607504	California	24,300	33.7	15,000	20.8	7,700	10.6	s	s	41860	San Francisco-Oakland-Hayward, CA
Oakland County (West)	2602901	Michigan	23,100	33.6	6,600	9.6	8,000	11.7	8,500	12.3	19820	Detroit-Warren-Dearborn, MI
Howard County (East)-Columbia (East), Ellicott City (Southeast) & Elkridge	2400902	Maryland	33,200	33.5	18,200	18.3	10,700	10.8	4,300	4.3	12580	Baltimore-Columbia-Towson, MD
Wake County (Northwest)-Raleigh City (Northwest) & Morrisville Town	3701206	North Carolina	26,200	33.5	14,800	19.0	9,700	12.4	S	S	39580	Raleigh, NC
Acadiana Regional Development District 4Lafayette Parish (South)	2201201	Louisiana	22,500	33.4	4,400	6.5	11,800	17.4	6,400	9.4	29180	Lafayette, LA

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Table SLBR-22

# STEM workers, by occupation group and Public Use Microdata Area: 2021

(Number and percent)

				STEM ations	S&E occ	upations	S&E-r	elated ations	STEM mi	iddle-skill ations	MSA	
PUMA name	PUMA ID	State	Number	Percent	Number	Percent	Number	Percent	Number	Percent	code	MSA title
Houston City (South Central)-South of US-59, West of I-45 & Inside Loop I-610	4804603	Texas	21,000	33.4	7,100	11.3	10,700	17.0	s	5.1	26420	Houston-The Woodlands-Sugar Land, TX
Worcester County (East Central)	2500303	Massachusetts	21,500	33.3	10,500	16.2	7,800	12.1	3,200	4.9	49340	Worcester, MA-CT
Campbell, Goshen, Platte, Johnson, Washakie, Weston, Crook & Niobrara Counties	5600200	Wyoming	16,800	33.2	1,200	2.4	4,600	9.1	11,000	21.7	na	na
Columbus (Far Northwest), Dublin & Hilliard (North) Cities	3904103	Ohio	20,700	33.0	8,900	14.2	8,500	13.5	3,300	5.3	18140	Columbus, OH
Houston City (West Central)South of I-10 & Inside Loop I-610	4804604	Texas	33,200	33.0	15,400	15.3	15,400	15.3	s	S	26420	Houston-The Woodlands-Sugar Land, TX
Philadelphia City (Center City)	4203209	Pennsylvania	30,000	33.0	10,300	11.3	17,900	19.7	s	s	37980	Philadelphia-Camden-Wilmington, PA-NJ- DE-MD
Wake County (Northeast)Raleigh City (Northeast), Wake Forest & Rolesville Towns	3701203	North Carolina	22,800	32.9	8,400	12.1	9,700	14.0	4,700	6.8	39580	Raleigh, NC
Montgomery County (North & West)–Olney, Damascus, Clarksburg & Darnestown	2401001	Maryland	24,500	32.9	12,500	16.8	7,400	9.9	4,700	6.3	47900	Washington-Arlington-Alexandria, DC-VA- MD-WV
Fairfax County (Northwest)-Reston (North) & Franklin Farm	5159307	Virginia	30,300	32.8	19,200	20.8	7,400	8.0	3,700	4.0	47900	Washington-Arlington-Alexandria, DC-VA- MD-WV
Atlanta Regional Commission (Central)Fulton County (Northeast)Johns Creek City	1301002	Georgia	18,200	32.8	11,600	20.8	5,700	10.2	s	S	12060	Atlanta-Sandy Springs-Roswell, GA
Lakota Region	4600200	South Dakota	11,300	32.7	700	1.9	4,500	12.9	6,200	17.9	na	na
El Paso County (North Central)Colorado Springs City (North) & Monument Town	0804106	Colorado	22,700	32.7	10,200	14.6	8,000	11.5	4,500	6.5	17820	Colorado Springs, CO
Portland City (Northwest & Southwest)	4101314	Oregon	26,100	32.6	10,500	13.1	12,100	15.0	3,600	4.5	38900	Portland-Vancouver-Hillsboro, OR-WA
San Francisco County (Central)Sunset District (North)	0607505	California	19,500	32.6	9,800	16.4	7,200	12.0	2,500	4.3	41860	San Francisco-Oakland-Hayward, CA
Washington & Ozaukee Counties	5520000	Wisconsin	36,200	32.5	6,800	6.1	13,000	11.7	16,400	14.7	33340	Milwaukee-Waukesha-West Allis, WI
St. Mary's & Calvert Counties	2401500	Maryland	31,800	32.4	14,500	14.8	7,800	7.9	9,500	9.7	15680	California-Lexington Park, MD
Maricopa County-Chandler City (South)	0400107	Arizona	19,000	32.4	8,100	13.8	7,500	12.8	3,400	5.9	38060	Phoenix-Mesa-Scottsdale, AZ
Broomfield, Jefferson (Northeast), Adams (Northwest) & Boulder (Southeast) Counties	0800804	Colorado	32,200	32.4	14,500	14.7	12,200	12.3	5,400	5.5	14500	Boulder, CO
Outer Green Bay City	5500300	Wisconsin	25,600	32.3	7,700	9.8	9,400	11.8	8,500	10.7	24580	Green Bay, WI
Morgan & Lawrence CountiesDecatur City	0100600	Alabama	20,900	32.2	4,200	6.4	5,700	8.8	11,100	17.0	19460	Decatur, AL
Middlesex County (South)Framingham Town, Marlborough City & Natick Town	2500504	Massachusetts	26,200	32.2	9,300	11.4	8,800	10.8	8,100	10.0	14460	Boston-Cambridge-Newton, MA-NH
Georgia Mountains Regional Commission (Southwest)Forsyth County	1303300	Georgia	41,500	32.2	17,700	13.7	14,500	11.2	9,300	7.2	12060	Atlanta-Sandy Springs-Roswell, GA
Columbus (Northwest), Upper Arlington & Grandview Heights Cities	3904104	Ohio	20,500	32.2	8,800	13.9	9,500	14.9	s	S	18140	Columbus, OH
Pitt CountyGreenville City	3704200	North Carolina	25,000	32.1	4,800	6.2	11,100	14.3	9,000	11.6	24780	Greenville, NC
Norfolk County (Southwest)Greater Franklin Town City	2503601	Massachusetts	21,600	32.1	6,400	9.5	7,800	11.5	7,500	11.1	14460	Boston-Cambridge-Newton, MA-NH
Santa Clara County (Central)San Jose City (Northwest)	0608509	California	20,700	32.1	10,500	16.3	5,700	8.8	4,500	6.9	41940	San Jose-Sunnyvale-Santa Clara, CA
Douglas (West) & Jefferson (Southeast) Counties-Highlands Ranch & Chatfield Park	0800821	Colorado	22,100	32.1	9,600	14.0	7,700	11.2	4,800	6.9	19740	Denver-Aurora-Lakewood, CO

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# STEM workers, by occupation group and Public Use Microdata Area: 2021

(Number and percent)

			ALL S	STEM ations	S&E occ	upations		elated ations		iddle-skill ations	MSA	
PUMA name	PUMA ID	State	Number	Percent	Number	Percent	Number	Percent	Number	Percent	code	MSA title
Montgomery County (Northeast)-Lansdale Borough	4203102	Pennsylvania	21,000	32.0	6,900	10.5	7,200	10.9	6,900	10.5	37980	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD
San Mateo County (South & West)San Mateo (South) & Half Moon Bay Cities	0608104	California	20,800	32.0	12,500	19.3	5,300	8.2	2,900	4.5	41860	San Francisco-Oakland-Hayward, CA
Orange & Hardin Counties	4804200	Texas	18,500	31.9	1,400	2.5	5,400	9.3	11,600	20.1	13140	Beaumont-Port Arthur, TX
Limestone & Madison (Outer) CountiesHuntsville City (Far West & Southwest)	0100200	Alabama	32,500	31.9	11,800	11.6	12,300	12.1	8,300	8.2	26620	Huntsville, AL
King County (Northwest)-Shoreline, Kenmore & Bothell (South) Cities	5311606	Washington	21,100	31.9	10,500	15.8	6,800	10.3	3,800	5.8	42660	Seattle-Tacoma-Bellevue, WA
San Mateo County (East Central)-Redwood City, San Carlos & Belmont Cities	0608105	California	22,700	31.9	13,200	18.6	6,300	8.9	3,100	4.4	41860	San Francisco-Oakland-Hayward, CA
Portland City (Central East)	4101305	Oregon	23,300	31.8	8,900	12.2	10,500	14.4	3,800	5.2	38900	Portland-Vancouver-Hillsboro, OR-WA
Macomb County (Central)	2603002	Michigan	26,100	31.7	7,000	8.4	9,900	12.1	9,200	11.2	19820	Detroit-Warren-Dearborn, MI
St. Charles County (South)	2901701	Missouri	19,200	31.7	6,100	10.1	8,100	13.3	5,000	8.3	41180	St. Louis, MO-IL
Santa Clara County (Central)San Jose City (Southeast/Evergreen)	0608513	California	16,400	31.7	7,800	15.1	5,100	9.8	3,500	6.8	41940	San Jose-Sunnyvale-Santa Clara, CA
Auglaize, Mercer & Van Wert Counties	3902600	Ohio	18,100	31.5	3,400	5.8	6,800	11.8	8,000	13.8	na	na
New Haven County (Northwest)	0900900	Connecticut	20,200	31.5	3,600	5.6	8,600	13.4	8,000	12.5	35300	New Haven-Milford, CT
Fairfax County (West Central)-Centreville (North & West) & Chantilly (South & West)	5159309	Virginia	20,700	31.5	11,900	18.0	5,200	8.0	3,600	5.5	47900	Washington-Arlington-Alexandria, DC-VA- MD-WV
Butler County (Southeast)Monroe City & Beckett Ridge	3905401	Ohio	19,200	31.4	5,700	9.3	6,400	10.4	7,200	11.7	17140	Cincinnati, OH-KY-IN
Hillsborough County (Southeastern)Greater Nashua City	3300900	New Hampshire	23,200	31.4	8,000	10.8	7,100	9.5	8,200	11.1	31700	Manchester-Nashua, NH
Waukesha County (East)	5570201	Wisconsin	24,500	31.4	6,400	8.3	12,300	15.8	5,700	7.4	33340	Milwaukee-Waukesha-West Allis, WI
Seattle City (Southeast)-Capitol Hill	5311604	Washington	24,900	31.4	13,800	17.3	8,400	10.6	2,800	3.5	42660	Seattle-Tacoma-Bellevue, WA
Trumbull (Outside Warren City) & Mahoning (Outside Youngstown City) Counties	3901400	Ohio	17,200	31.3	1,900	3.4	5,500	10.0	9,800	17.9	49660	Youngstown-Warren-Boardman, OH-PA
Loudoun County (Northeast)Sterling & Ashburn (Northeast/Ashburn Village)	5110701	Virginia	18,700	31.3	9,800	16.4	4,100	6.8	4,800	8.0	47900	Washington-Arlington-Alexandria, DC-VA-MD-WV
Denver City (Northwest)	0800813	Colorado	24,300	31.3	10,800	14.0	7,700	10.0	5,800	7.4	19740	Denver-Aurora-Lakewood, CO
Montgomery County (Central)–Rockville, Gaithersburg Cities & North Potomac	2401003	Maryland	32,200	31.2	15,700	15.1	10,700	10.3	5,900	5.7	47900	Washington-Arlington-Alexandria, DC-VA- MD-WV
Chester County (East Central)West Chester Borough	4203402	Pennsylvania	24,300	31.2	10,700	13.7	9,600	12.3	4,000	5.2	37980	Philadelphia-Camden-Wilmington, PA-NJ- DE-MD
Marshall & Madison (Southeast) CountiesHuntsville City (Far Southeast)	0100500	Alabama	17,300	31.1	5,700	10.3	5,700	10.2	5,900	10.6	26620	Huntsville, AL
Strafford Region-Strafford, Rockingham (Northern) & Carroll (Southeastern) Counties	3300300	New Hampshire	26,200	31.1	7,600	9.0	9,800	11.7	8,800	10.5	14460	Boston-Cambridge-Newton, MA-NH
Kitsap County (North)Bainbridge Island City & Silverdale	5311801	Washington	16,100	31.1	5,900	11.3	5,800	11.2	4,400	8.6	14740	Bremerton-Silverdale, WA
Houston-Galveston Area CouncilBrazoria County (North)Pearland City	4804801	Texas	21,700	31.1	7,700	11.1	8,000	11.4	6,000	8.6	26420	Houston-The Woodlands-Sugar Land, TX
Huntsville City (Central & South)	0100302	Alabama	14,700	31.1	8,200	17.3	3,800	7.9	2,800	5.8	26620	Huntsville, AL
Wayne County (Northwest)	2603201	Michigan	31,700	31.1	14,500	14.2	11,900	11.6	5,300	5.2	19820	Detroit-Warren-Dearborn, MI
Seacoast RegionRockingham County (Southern)Portsmouth City	3301000	New Hampshire	34,200	31.0	11,900	10.8	11,900	10.8	10,400	9.4	14460	Boston-Cambridge-Newton, MA-NH

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# STEM workers, by occupation group and Public Use Microdata Area: 2021

(Number and percent)

				STEM ations	S&E occi	upations	S&E-r	elated ations	STEM mi occup	ddle-skill ations	MSA	
PUMA name	PUMA ID	State	Number	Percent	Number	Percent	Number	Percent	Number	Percent	code	MSA title
Middlesex County (Northwest)-South Plainfield & Middlesex Boroughs	3400903	New Jersey	18,500	31.0	7,300	12.2	5,800	9.6	5,400	9.1	35620	New York-Newark-Jersey City, NY-NJ-PA
Wake County (Southeast)Garner (South) & Fuquay-Varina Towns	3701205	North Carolina	20,500	31.0	7,800	11.8	7,800	11.7	4,900	7.4	39580	Raleigh, NC
Atlanta Regional Commission (Northwest)Cobb County (Northeast)	1303005	Georgia	22,900	31.0	9,400	12.7	8,200	11.1	5,400	7.2	12060	Atlanta-Sandy Springs-Roswell, GA
Douglas County-Omaha City (Southwest)	3100902	Nebraska	24,300	31.0	5,800	7.4	12,900	16.5	5,500	7.1	36540	Omaha-Council Bluffs, NE-IA
Washtenaw County (East Central, Outside Ann Arbor City)	2602703	Michigan	19,600	31.0	8,100	12.8	7,100	11.3	4,400	6.9	11460	Ann Arbor, MI
Sherburne & Benton Counties	2701000	Minnesota	23,100	30.9	4,300	5.7	9,800	13.0	9,100	12.2	33460	
Ramsey County (North)-Shoreview, White Bear Lake & New Brighton Cities		Minnesota	19,500	30.9	7,000	11.1	7,500	12.0	5,000	7.9	33460	
Austin City (Central)	4805306		28,300	30.9	14,900	16.3	10,400	11.3	3,000	3.3		,
Kitsap County (South)-Bremerton & Port Orchard Cities		Washington	18,600	30.8	4,900	8.0	4,800	8.0	8,900	14.8		Bremerton-Silverdale, WA
Berks County (East)	4202703	Pennsylvania	22,400	30.8	4,100	5.7	9,200	12.6	9,100	12.5	39740	Reading, PA
Gloucester County (South & West)-Glassboro Borough		New Jersey	25,200	30.8	5,000	6.1	11,500	14.0	8,800	10.7		Philadelphia-Camden-Wilmington, PA-NJ- DE-MD
Salt Lake County (Northeast)-Salt Lake City (East)	4935002	Utah	24,700	30.8	8,300	10.4	11,200	14.0	5,200	6.4		Salt Lake City, UT
Collin County (Northwest)Frisco City (East) & Prosper Town	4801906	Texas	35,100	30.8	17,800	15.7	10,700	9.5	6,500	5.7	19100	Dallas-Fort Worth-Arlington, TX
Anne Arundel County (Northwest)-Severn, Odenton, Crofton, Maryland City & Fort Meade	2401201	Maryland	27,200	30.8	14,600	16.5	7,600	8.6	5,000	5.6	12580	Baltimore-Columbia-Towson, MD
Greene County	3904700	Ohio	24,000	30.7	8,500	10.8	8,800	11.2	6,800	8.7	19380	Dayton, OH
Santa Clara County (Central)-San Jose City (Southwest/Almaden Valley)	0608512	California	16,900	30.6	9,300	16.8	5,000	9.1	2,600	4.7	41940	San Jose-Sunnyvale-Santa Clara, CA
Madison City (Central)	5500101	Wisconsin	22,000	30.6	8,500	11.8	10,300	14.4	3,200	4.4	31540	Madison, WI
Clay, Sullivan, Parke, Fountain, Vermillion & Warren Counties	1801600	Indiana	13,200	30.5	2,000	4.6	4,100	9.4	7,200	16.5	45460	Terre Haute, IN
Bluegrass Area Development District (West)	2102000	Kentucky	17,900	30.4	2,300	4.0	8,500	14.5	7,000	11.9	30460	Lexington-Fayette, KY
Union County (West)Indian Trail & Stallings Towns	3705400	North Carolina	21,100	30.4	6,800	9.8	9,100	13.1	5,200	7.5	16740	Charlotte-Concord-Gastonia, NC-SC
Maricopa County (Northeast)Scottsdale City (Southeast) & Fountain Hills Town	0400111	Arizona	16,000	30.4	6,000	11.3	6,800	12.8	3,300	6.2	38060	Phoenix-Mesa-Scottsdale, AZ
San Mateo County (Central)San Mateo (North), Burlingame & Millbrae Cities	0608103	California	15,800	30.4	7,400	14.3	5,300	10.2	3,100	6.0	41860	San Francisco-Oakland-Hayward, CA
Allegheny County (North)-Franklin Park Borough & Allison Park	4201802	Pennsylvania	25,200	30.4	8,600	10.4	11,600	14.0	5,000	6.0	38300	Pittsburgh, PA
Harris County (East)Deer Park, La Porte (North) Cities & Channelview	4804622	Texas	15,100	30.3	1,200	2.3	3,600	7.3	10,300	20.6	26420	Houston-The Woodlands-Sugar Land, TX
Cass & Bates Counties	2901100	Missouri	18,400	30.3	2,700	4.5	6,600	10.8	9,100	15.0	28140	Kansas City, MO-KS
Chesapeake City (Northeast)	5155001	Virginia	16,800	30.3	4,200	7.6	5,200	9.4	7,400	13.4	47260	Virginia Beach-Norfolk-Newport News, VA-NC
San Mateo County (North Central)South San Francisco, San Bruno & Brisbane Cities	0608102	California	18,800	30.3	6,600	10.7	5,700	9.1	6,500	10.5	41860	San Francisco-Oakland-Hayward, CA
Central Savannah River Area Regional Commission (East Central)Columbia County	1304100	Georgia	20,000	30.3	4,700	7.1	9,800	14.8	5,500	8.3	12260	Augusta-Richmond County, GA-SC

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(Number and percent)

			ALL S	STEM ations	S&E occi	upations	S&E-re			ddle-skill ations	MSA	
PUMA name	PUMA ID	State	Number	Percent	Number	Percent	Number	Percent	Number	Percent	code	MSA title
Allegheny County (North Central)	4201803	Pennsylvania	20,100	30.3	6,300	9.4	9,300	14.0	4,500	6.8	38300	Pittsburgh, PA
												Washington-Arlington-Alexandria, DC-VA-
Arlington County (South)	5101302		20,100	30.3	12,100	18.2	4,600	7.0	3,400	5.1		MD-WV
Somerset County (South)		New Jersey	18,000	30.3	8,400	14.1	7,200	12.0	S	4.2	35620	New York-Newark-Jersey City, NY-NJ-PA
Cumberland Valley Area Development District (North)		Kentucky	12,800	30.2	1,200	2.8	4,100	9.8	7,500	17.7	na	na
Southwest Vermont–Rutland, Bennington & Addison Counties	5000400		19,500	30.2	2,000	3.0	7,800	12.2	9,700	15.0		na
Anderson, Union & Knox (North) Counties-Oak Ridge (East) & Clinton Cities	4701601	Tennessee	13,900	30.2	1,900	4.2	5,800	12.5	6,200	13.5		Knoxville, TN
Hamilton County (West)Mack & Dent	3905501	Ohio	16,500	30.2	3,600	6.6	7,200	13.2	5,700	10.5	17140	Cincinnati, OH-KY-IN
Shelby County (Southeast)Collierville Town & Germantown City	4703206	Tennessee	20,400	30.2	7,900	11.6	6,900	10.2	5,700	8.4	32820	Memphis, TN-MS-AR
St. Louis County (South)	2901808	Missouri	19,900	30.2	5,200	7.9	10,200	15.4	4,500	6.9	41180	St. Louis, MO-IL
San Diego County (West)San Diego (Northwest/San Dieguito) & Encinitas Cities	0607309	California	25,100	30.2	13,500	16.2	8,500	10.3	3,000	3.7	41740	San Diego-Carlsbad, CA
Pickaway, Union & Madison Counties	3904200	Ohio	24,000	30.1	5,100	6.4	8,600	10.8	10,200	12.8	18140	Columbus, OH
Monroe County	4200600	Pennsylvania	23,900	30.1	4,600	5.8	9,600	12.2	9,700	12.2	20700	East Stroudsburg, PA
Worcester County (West Central)	2500302	Massachusetts	19,300	30.1	4,400	6.8	8,200	12.8	6,700	10.5	49340	Worcester, MA-CT
Galveston County (Northwest)League City & Friendswood City	4804702	Texas	24,500	30.1	8,600	10.6	8,300	10.2	7,600	9.3	26420	Houston-The Woodlands-Sugar Land, TX
Peabody City, Danvers, Reading, North Reading & Lynnfield Towns	2501000	Massachusetts	21,300	30.1	6,600	9.4	8,200	11.6	6,500	9.1	14460	Boston-Cambridge-Newton, MA-NH
Northeast South Dakota	4600300	South Dakota	18,300	30.0	1,600	2.6	5,500	9.1	11,200	18.3	na	na
Southeast Nebraska	3100600	Nebraska	19,700	30.0	2,000	3.0	6,200	9.5	11,500	17.5	30700	Lincoln, NE
Warrick, Gibson & Posey Counties	1803200	Indiana	17,900	30.0	2,600	4.4	7,300	12.3	8,000	13.4	21780	Evansville, IN-KY
Carroll County	2400400	Maryland	27,000	30.0	7,800	8.7	8,800	9.8	10,400	11.6	12580	Baltimore-Columbia-Towson, MD
Santa Cruz County (South & Coastal)-Santa Cruz City	0608702	California	19,200	30.0	6,800	10.6	8,200	12.9	4,200	6.6	42100	Santa Cruz-Watsonville, CA
Middlesex (West Central) & Worcester (East) Counties	2501400	Massachusetts	18,200	30.0	10,100	16.6	6,300	10.4	s	3.0	14460	Boston-Cambridge-Newton, MA-NH
Montgomery County (Southeast)Kettering & Centerville Cities	3904604	Ohio	18,500	29.9	4,900	7.8	8,600	13.9	5,100	8.2	19380	Dayton, OH
Johnson County (Northeast)–Overland Park (North), Prairie Village & Merriam Cities	2000602	Kansas	24,000	29.9	7,400	9.2	11,000	13.7	5,600	7.0	28140	Kansas City, MO-KS
Bexar County (Northwest)-San Antonio (Far Northwest) & Helotes Cities	4805914	Texas	28,000	29.9	10,100	10.8	12,800	13.7	5,000	5.4	41700	San Antonio-New Braunfels, TX
Darke, Shelby & Preble Counties	3904500	Ohio	19,900	29.8	3,300	4.9	4,900	7.3	11,700	17.6	na	na
South Central Arkansas	0501900	Arkansas	10,800	29.8	s	s	4,300	11.8	6,100	16.8	na	na
Matanuska-Susitna & Kenai Peninsula Boroughs	0200200	Alaska	20,800	29.8	3,700	5.4	8,500	12.1	8,600	12.3	11260	Anchorage, AK
Frederick County (Outside Greater Frederick City)	2400301	Maryland	21,100	29.8	7,200	10.1	6,600	9.4	7,300	10.3	47900	Washington-Arlington-Alexandria, DC-VA- MD-WV
Virginia Beach City (South)	5151167	Virginia	18,200	29.8	5,400	8.8	6,600	10.9	6,200	10.1	47260	Virginia Beach-Norfolk-Newport News, VA-NC
Allen County (Outside Fort Wayne City)	1801003	Indiana	17,700	29.8	4,100	7.0	8,300	13.9	5,300	8.9	23060	Fort Wayne, IN

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(Number and percent)

(Number and percent)				STEM ations	S&E occ	upations	S&E-ro			ddle-skill ations	MSA	
PUMA name	PUMA ID	State	Number	Percent	Number	Percent	Number	Percent	Number	Percent	code	MSA title
Phoenix City-Ahwatukee & South Mountain	0400120	Arizona	16,300	29.8	6,500	11.8	6,100	11.2	3,700	6.7	38060	Phoenix-Mesa-Scottsdale, AZ
Henrico County (West)Tuckahoe, Short Pump & Wyndham	5151225	Virginia	27,400	29.8	10,900	11.9	10,900	11.8	5,600	6.1	40060	Richmond, VA
Fairfax County (North Central)Vienna Town, Oakton & Fair Oaks (East)	5159305	Virginia	18,400	29.8	12,300	19.8	5,400	8.7	s	s	47900	Washington-Arlington-Alexandria, DC-VA-MD-WV
Johnson County (Southeast)Blue Valley Region	2000604	Kansas	23,700	29.8	11,500	14.5	11,100	14.0	s	S	28140	Kansas City, MO-KS
Panhandle Regional Planning Commission—Potter County—Amarillo City (North)	4800200	Texas	14,100	29.7	800	1.6	4,000	8.3	9,400	19.7	11100	Amarillo, TX
Greenwood, Abbeville & McCormick Counties	4501600	South Carolina	12,400	29.7	1,000	2.5	5,000	11.9	6,400	15.3	na	na
Lorain County (South)Avon, Avon Lake & North Ridgeville Cities	3900802	Ohio	24,700	29.7	4,400	5.3	11,600	14.0	8,700	10.4	17460	Cleveland-Elyria, OH
Boone & Hamilton (Northwest) Counties	1801801	Indiana	23,500	29.7	6,200	7.8	10,800	13.7	6,500	8.2	26900	Indianapolis-Carmel-Anderson, IN
Northeast Nebraska	3100200	Nebraska	27,900	29.6	1,700	1.8	6,300	6.7	19,900	21.1	43580	Sioux City, IA-NE-SD
Houston-Galveston Area Council-Brazoria County (Southwest)-Lake Jackson City	4804803	Texas	12,400	29.6	2,000	4.9	3,600	8.7	6,700	16.1	26420	Houston-The Woodlands-Sugar Land, TX
Medina County	3901900	Ohio	27,000	29.6	7,100	7.8	9,200	10.1	10,700	11.7	17460	Cleveland-Elyria, OH
King County (Central)Renton City, Fairwood, Bryn Mawr & Skyway	5311610	Washington	20,600	29.6	8,800	12.7	5,900	8.5	5,900	8.5	42660	Seattle-Tacoma-Bellevue, WA
Chesapeake City (South & West)	5155002	Virginia	18,100	29.6	6,200	10.1	7,000	11.5	4,900	8.0	47260	Virginia Beach-Norfolk-Newport News, VA-NC
Pima County (Southeast)Tucson City (Far Southeast) & Sahuarita Town	0400205	Arizona	17,600	29.6	7,000	11.7	6,200	10.4	4,500	7.5	46060	Tucson, AZ
Hennepin County–Eden Prairie & Minnetonka Cities	2701409	Minnesota	18,800	29.6	7,700	12.1	8,300	13.2	s	s	33460	Minneapolis-St. Paul-Bloomington, MN-WI
Middlesex County (East)Somerville & Everett Cities	2500507	Massachusetts	22,100	29.6	12,400	16.6	6,700	8.9	3,000	4.0	14460	Boston-Cambridge-Newton, MA-NH
Muskegon County	2600700	Michigan	21,800	29.5	3,000	4.0	5,300	7.2	13,500	18.3	34740	Muskegon, MI
Grant, Miami & Wabash Counties	1801400	Indiana	16,100	29.5	2,000	3.7	6,000	11.0	8,100	14.8	na	na
South Central Planning & Development Commission 2–Lafourche & Assumption Parishes	2202000	Louisiana	14,000	29.5	1,300	2.8	6,200	13.0	6,500	13.6	26380	Houma-Thibodaux, LA
Wayne County (Southeast)Downriver Area (South)	2603206	Michigan	18,800	29.5	5,200	8.2	7,500	11.8	6,100	9.5	19820	Detroit-Warren-Dearborn, MI
Phoenix City (North)	0400128	Arizona	16,500	29.5	7,700	13.8	4,900	8.8	3,900	7.0	38060	Phoenix-Mesa-Scottsdale, AZ
Seattle City (Northeast)	5311602	Washington	21,100	29.5	11,400	15.9	7,200	10.0	2,500	3.5	42660	Seattle-Tacoma-Bellevue, WA
Kosciusko & Marshall Counties	1800800	Indiana	17,700	29.4	1,900	3.2	4,000	6.6	11,800	19.7	na	na
Ashtabula County	3901300	Ohio	11,900	29.4	1,100	2.8	4,200	10.5	6,500	16.1	na	na
Kankakee County	1702300	Illinois	14,300	29.4	1,200	2.5	5,700	11.8	7,400	15.2	28100	Kankakee, IL
Snohomish County (West Central)Mukilteo & Everett (Southwest) Cities	5311702	Washington	20,900	29.4	7,600	10.8	5,500	7.8	7,700	10.9	42660	Seattle-Tacoma-Bellevue, WA
Peoria CountyPeoria City	1701701	Illinois	22,900	29.4	7,100	9.0	9,500	12.2	6,400	8.2	37900	Peoria, IL
Hartford County (North)	0900300	Connecticut	22,800	29.4	8,600	11.1	7,900	10.1	6,300	8.1	25540	Hartford-West Hartford-East Hartford, CT
Brevard County (East)Beaches & Merritt Island	1200902	Florida	15,500	29.4	5,200	9.8	6,300	11.8	4,100	7.8	37340	Palm Bay-Melbourne-Titusville, FL
Capital Area COGWilliamson County (West)Cedar Park & Leander Cities	4805204	Texas	29,400	29.4	13,100	13.1	9,000	9.0	7,300	7.3	12420	Austin-Round Rock, TX

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# STEM workers, by occupation group and Public Use Microdata Area: 2021

(Number and percent)

				STEM ations	S&E occ	upations	S&E-re	elated ations		ddle-skill ations	MSA	
PUMA name	PUMA ID	State	Number	Percent	Number	Percent	Number	Percent	Number	Percent	code	MSA title
Pima County (North Central)–Oro Valley Town	0400203	Arizona	16,000	29.4	5,900	10.8	6,300	11.7	3,800	6.9	46060	Tucson, AZ
Baltimore CityInner Harbor, Canton & Bayview	2400804	Maryland	18,700	29.4	7,200	11.3	7,900	12.4	3,600	5.7	12580	Baltimore-Columbia-Towson, MD
DuPage County (Southwest)Naperville & Winfield (South) Townships	1703209	Illinois	18,900	29.4	8,000	12.4	7,300	11.4	3,600	5.6	16980	Chicago-Naperville-Elgin, IL-IN-WI
Fairfax County (Northeast)McLean & Idylwood	5159308	Virginia	18,200	29.4	10,900	17.6	5,800	9.5	s	s	47900	Washington-Arlington-Alexandria, DC-VA- MD-WV
Orange County (Central)Irvine City (Central)	0605904	California	36,900	29.4	19,400	15.4	14,700	11.7	s	s	31080	Los Angeles-Long Beach-Anaheim, CA
Henry, Randolph, Jay & Blackford Counties	1801500	Indiana	12,100	29.3	600	1.5	3,800	9.3	7,600	18.5	na	na
Cass, Morgan, Scott, Greene, Macoupin, Jersey & Calhoun Counties	1700401	Illinois	16,400	29.3	1,600	2.9	5,900	10.6	8,800	15.8	41180	St. Louis, MO-IL
Genesee (East) & Lapeer Counties	2601701	Michigan	23,900	29.3	4,600	5.6	7,200	8.8	12,100	14.9	19820	Detroit-Warren-Dearborn, MI
South RegionJones, Wayne, Covington, Greene & Jefferson Davis Counties	2801700	Mississippi	14,300	29.3	700	1.4	6,400	13.0	7,300	14.9	na	na
Geauga & Lake (South) Counties	3901200	Ohio	15,400	29.3	4,100	7.8	4,900	9.2	6,500	12.3	17460	Cleveland-Elyria, OH
Meriden, Wallingford & North Haven Towns	0900902	Connecticut	18,200	29.3	3,500	5.6	7,200	11.6	7,500	12.1	35300	New Haven-Milford, CT
Cuyahoga County-Olmsted Township, Bay Village, North Olmsted & Westlake Cities	3900901	Ohio	14,600	29.3	3,700	7.4	7,100	14.3	3,800	7.6	17460	Cleveland-Elyria, OH
Denton County (East Central)Frisco (West), The Colony & Little Elm Cities	4802004	Texas	28,500	29.3	15,000	15.4	7,900	8.1	5,600	5.7	19100	Dallas-Fort Worth-Arlington, TX
East Central Region-Neshoba, Scott, Leake, Jasper, Smith & Kemper Counties	2801400	Mississippi	12,700	29.2	400	0.8	3,600	8.2	8,700	20.2	na	na
Livingston County	2602800	Michigan	29,000	29.2	6,500	6.5	10,800	10.9	11,700	11.7	19820	Detroit-Warren-Dearborn, MI
Hendricks County	1802200	Indiana	26,600	29.2	6,400	7.0	10,300	11.3	9,900	10.9	26900	Indianapolis-Carmel-Anderson, IN
Buncombe County (Southeast)Asheville City	3702201	North Carolina	17,400	29.2	4,500	7.6	7,600	12.7	5,300	8.8	11700	Asheville, NC
Virginia Beach City (North)	5151164	Virginia	19,900	29.2	5,000	7.3	9,300	13.7	5,600	8.3	47260	Virginia Beach-Norfolk-Newport News, VA-NC
Dearborn, Franklin, Ripley, Switzerland & Ohio Counties	1803100	Indiana	16,000	29.1	1,900	3.5	5,300	9.6	8,800	16.0	17140	Cincinnati, OH-KY-IN
Walker, Marion (South & West), Fayette & Lamar Counties	0101400	Alabama	12,700	29.1	1,400	3.2	4,400	10.1	6,900	15.8	13820	Birmingham-Hoover, AL
Cecil County	2400700	Maryland	13,700	29.1	2,600	5.5	3,700	7.9	7,400	15.7	37980	Philadelphia-Camden-Wilmington, PA-NJ- DE-MD
Montgomery County (West)Miamisburg & West Carrollton Cities	3904601	Ohio	15,100	29.1	1,900	3.7	7,200	13.8	6,000	11.6	19380	Dayton, OH
Salt Lake CountyWest Jordan (East), South Jordan (East) & Riverton Cities	4935007	Utah	25,000	29.1	7,300	8.5	8,400	9.7	9,300	10.9	41620	Salt Lake City, UT
Maricopa CountyTempe (South) & Chandler (Northwest) Cities	0400108	Arizona	17,500	29.1	7,300	12.2	5,700	9.4	4,500	7.5	38060	Phoenix-Mesa-Scottsdale, AZ
Houston (Southeast), Pasadena (Southeast), La Porte (South) & Seabrook (East) Cities	4804621	Texas	15,100	29.1	5,400	10.5	6,800	13.0	2,900	5.6	26420	Houston-The Woodlands-Sugar Land, TX
San Diego County (Central)San Diego (East Central/Navajo) & La Mesa Cities	0607314	California	22,300	29.1	7,300	9.5	11,400	14.9	3,600	4.6	41740	San Diego-Carlsbad, CA
Alameda County (North)Berkeley & Albany Cities	0600101	California	20,000	29.1	11,600	16.9	5,800	8.4	2,600	3.8	41860	San Francisco-Oakland-Hayward, CA
Atlanta Regional Commission (Central)Fulton County (East)Atlanta City (Southeast)	1301007	Georgia	26,400	29.1	12,000	13.2	11,300	12.4	3,100	3.4	12060	Atlanta-Sandy Springs-Roswell, GA
Harris County (East)Baytown City	4804623	Texas	13,000	29.0	2,000	4.4	3,600	8.1	7,400	16.5	26420	Houston-The Woodlands-Sugar Land, TX
Pennyrile Area Development District (North)	2100200	Kentucky	11,800	29.0	1,400	3.5	4,400	10.7	6,000	14.8	na	na

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			ALL S		S&E occu	upations	S&E-re		STEM mi occup		MSA	
PUMA name	PUMA ID	State	Number	Percent	Number	Percent	Number	Percent	Number	Percent	code	MSA title
Randolph, Upshur, Barbour, Lewis, Hardy, Grant, Pendleton & Tucker Counties	5400500	West Virginia	12,800	29.0	1,100	2.4	6,200	14.1	5,500	12.5	na	na
Phelps, Crawford, Dent, Gasconade & Maries Counties	2901500	Missouri	12,600	29.0	2,000	4.5	5,500	12.5	5,200	11.9	na	na
Albuquerque City (Central) & Bernalillo County (North Valley)	3500804	New Mexico	13,200	29.0	4,900	10.7	4,900	10.8	3,400	7.5	10740	Albuquerque, NM
Will County (Northwest)DuPage & Wheatland Townships	1703106	Illinois	26,500	29.0	9,900	10.8	10,100	11.1	6,500	7.1	16980	Chicago-Naperville-Elgin, IL-IN-WI
Duval County (Southeast)-Jacksonville City (Southeast)	1203105	Florida	24,100	29.0	6,300	7.6	12,300	14.8	5,400	6.5	27260	Jacksonville, FL
Orange CountyChapel Hill Town	3701400	North Carolina	20,400	29.0	7,600	10.7	8,900	12.6	4,000	5.7	20500	Durham-Chapel Hill, NC
Denton County (South Central)Flower Mound Town & Highland Village City	4802003	Texas	22,500	29.0	10,200	13.2	9,000	11.6	3,200	4.2	19100	Dallas-Fort Worth-Arlington, TX
Boston CityAllston, Brighton & Fenway	2503301	Massachusetts	17,100	29.0	9,400	16.0	6,000	10.3	s	s	14460	Boston-Cambridge-Newton, MA-NH
Aiken & Edgefield Counties-Aiken & North Augusta Cities	4501500	South Carolina	23,800	28.9	3,900	4.7	9,300	11.2	10,600	12.9	12260	Augusta-Richmond County, GA-SC
Southeast South Dakota (Outside Sioux Falls City)	4600500	South Dakota	22,000	28.9	3,800	5.0	8,900	11.7	9,400	12.3	43580	Sioux City, IA-NE-SD
Berks County (Northwest)Wyomissing Borough	4202701	Pennsylvania	17,000	28.9	2,900	4.9	7,900	13.5	6,200	10.6	39740	Reading, PA
Sarpy County-Bellevue City	3100702	Nebraska	29,200	28.9	8,800	8.7	10,000	9.9	10,400	10.3	36540	Omaha-Council Bluffs, NE-IA
Palm Beach County (Central)Wellington Village & Agricultural Reserve	1209910	Florida	15,200	28.9	4,500	8.6	6,600	12.4	4,100	7.8	33100	Miami-Fort Lauderdale-West Palm Beach, FL
Hennepin County (West)Champlin, Rogers Cities & Lake Minnetonka	2701401	Minnesota	16,700	28.9	4,600	7.9	7,700	13.4	4,400	7.6	33460	Minneapolis-St. Paul-Bloomington, MN-WI
Baltimore County-Catonsville, Woodlawn & Arbutus	2400507	Maryland	16,700	28.9	6,100	10.5	6,600	11.4	4,000	6.9	12580	Baltimore-Columbia-Towson, MD
Delaware County (North)-Broomall & Ardmore (West)	4203301	Pennsylvania	19,400	28.9	5,500	8.2	9,500	14.1	4,500	6.7	37980	Philadelphia-Camden-Wilmington, PA-NJ- DE-MD
Chester County (North)Phoenixville Borough	4203401	Pennsylvania	18,100	28.9	8,100	12.9	6,300	10.0	3,800	6.0	37980	Philadelphia-Camden-Wilmington, PA-NJ- DE-MD
Camden County (East Central)Haddonfield Borough	3402104	New Jersey	15,900	28.9	5,100	9.2	8,100	14.8	2,700	4.9	37980	Philadelphia-Camden-Wilmington, PA-NJ- DE-MD
San Francisco County (North & West)Richmond District	0607501	California	21,600	28.9	11,500	15.4	7,400	9.9	2,700	3.5	41860	San Francisco-Oakland-Hayward, CA
Far Southeast New Mexico	3501200	New Mexico	14,900	28.8	900	1.7	S	S	11,400	22.0	na	na
Burke & McDowell Counties	3702100	North Carolina	16,800	28.8	2,200	3.8	6,200	10.7	8,400	14.3	25860	Hickory-Lenoir-Morganton, NC
Warren County (East)Lebanon & Springboro (East) Cities	3905301	Ohio	17,600	28.8	4,600	7.5	6,900	11.3	6,100	10.0	17140	Cincinnati, OH-KY-IN
Monmouth County (Southwest)Freehold Borough	3401102	New Jersey	15,400	28.8	6,100	11.4	4,800	8.9	4,500	8.4	35620	New York-Newark-Jersey City, NY-NJ-PA
Dutchess County (Southwest)	3602802	New York	24,700	28.8	6,300	7.3	11,600	13.5	6,900	8.0	35620	New York-Newark-Jersey City, NY-NJ-PA
Knox County (West)Farragut Town	4701604	Tennessee	25,100	28.8	8,100	9.3	10,500	12.0	6,600	7.5	28940	Knoxville, TN
Hennepin CountyEdina, St. Louis Park & Hopkins Cities	2701408	Minnesota	18,500	28.8	8,200	12.7	8,100	12.6	s	s	33460	Minneapolis-St. Paul-Bloomington, MN-WI
East Central North DakotaJamestown City	3800200	North Dakota	16,300	28.7	1,600	2.7	4,100	7.2	10,700	18.8	na	na
Imperial Calcasieu Regional Planning & Development District 1 (North)	2200800	Louisiana	16,500	28.7	1,300	2.3	5,500	9.5	9,700	16.9	29340	Lake Charles, LA
Windham County	0901500	Connecticut	16,500	28.7	2,700	4.7	4,800	8.4	9,000	15.6	49340	Worcester, MA-CT
Allegan County	2600900	Michigan	16,400	28.7	4,200	7.4	4,200	7.4	7,900	13.9	na	na

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			ALL S		S&E occi	upations	S&E-re		STEM mi		MSA	
PUMA name	PUMA ID	State		Percent	Number	Percent	Number		Number	Percent	code	MSA title
Porter County	1800200	Indiana	23,000	28.7	5,400	6.7	7,100	8.8	10,600	13.2	16980	Chicago-Naperville-Elgin, IL-IN-WI
Bartholomew & Jackson CountiesColumbus City	1802900	Indiana	17,500	28.7	6,100	10.0	5,100	8.3	6,300	10.4	18020	Columbus, IN
Waukesha County (Central)	5570301	Wisconsin	18,800	28.7	4,500	6.9	8,100	12.4	6,200	9.4	33340	Milwaukee-Waukesha-West Allis, WI
Ventura County (Southwest)San Buenaventura (Ventura) City	0611104	California	17,400	28.7	6,600	10.9	5,500	9.0	5,300	8.8	37100	Oxnard-Thousand Oaks-Ventura, CA
Ada County (Northeast)-Boise (North & West) & Garden City Cities	1600702	Idaho	17,100	28.7	4,000	6.7	8,100	13.6	5,000	8.4	14260	Boise City, ID
DRCOG MountainsJefferson (West), Boulder (West), Clear Creek & Gilpin												
Counties		Colorado	14,400	28.7	5,400	10.8	6,200	12.3	2,800	5.5		Boulder, CO
Hudson County (Central)Jersey City (North)	3400601	New Jersey	25,700	28.7	14,400	16.1	7,500	8.3	3,900	4.3	35620	New York-Newark-Jersey City, NY-NJ-PA
Sacramento County (Northeast)Folsom City, Orangevale & Fair Oaks (East)	0606712	California	14,200	28.7	6,800	13.7	5,500	11.2	1,900	3.9	40900	SacramentoRosevilleArden-Arcade, CA
Arapahoe County (Southwest)-Centennial (West & Central) & Greenwood Village Cities	0800811	Colorado	17,800	28.7	7,900	12.7	7,500	12.1	2,400	3.9	19740	Denver-Aurora-Lakewood, CO
Chicago City (Central)Near North Side, Loop & Near South Side	1703525	Illinois	32,700	28.7	13,900	12.2	17,900	15.7	s	s	16980	Chicago-Naperville-Elgin, IL-IN-WI
South Central Kansas	2001100	Kansas	13,600	28.6	400	0.9	4,500	9.5	8,700	18.2	48620	Wichita, KS
Washington, Morgan, Noble & Monroe Counties	3903600	Ohio	12,200	28.6	1,500	3.5	4,800	11.1	6,000	14.0	na	na
Snohomish County (Central)Everett City (Central & East) & Eastmont	5311703	Washington	18,200	28.6	4,300	6.7	6,400	10.0	7,600	11.8	42660	Seattle-Tacoma-Bellevue, WA
Harrison, Marion, Taylor & Doddridge Counties	5400200	West Virginia	17,200	28.6	3,200	5.3	7,500	12.4	6,600	10.9	na	na
Harford County (South & East)Aberdeen & Havre de Grace Cities	2400602	Maryland	18,900	28.6	5,700	8.6	6,400	9.7	6,900	10.3	12580	Baltimore-Columbia-Towson, MD
Wilson County-Lebanon & Mount Juliet Cities	4702300	Tennessee	20,800	28.6	4,800	6.6	8,800	12.1	7,200	9.9	34980	Nashville-DavidsonMurfreesboro Franklin, TN
Will County (Northeast)-Frankfort, Homer & New Lenox (North) Townships		Illinois	18,600	28.6	4,500	7.0	7,800	12.0	6,300	9.6	16980	· ,
Polk County (East)Ankeny & Altoona Cities		lowa	23,100	28.6	8,500	10.6	7,400	9.2	7,100	8.8	19780	
Capital Area COGWilliamson County (Southeast)Round Rock City	4805202		20,300	28.6	7,800	10.9	7,100	9.9	5,500	7.7	12420	
Washington County (Southeast)-Tigard, Tualatin & Sherwood Cities	4101320		17,500	28.6	7,300	12.0	5,500	9.0	4,700	7.6	38900	Portland-Vancouver-Hillsboro, OR-WA
Cook County (North)-Niles & Evanston Townships	1703421		25,000	28.6	6,900	7.9	12,400	14.2	5,700	6.5	16980	Chicago-Naperville-Elgin, IL-IN-WI
Albany County (Outside Albany City)		New York	28,800	28.6	10,400	10.3	13,200	13.1	5,200	5.2	10580	Albany-Schenectady-Troy, NY
Regional Planning Commission 9–St. Bernard, Jefferson (South) & Plaquemines Parishes		Louisiana	14,700	28.5	1,200	2.2	5,500	10.7	8,100	15.6	35380	
Jefferson County (Outside Beaumont City)Port Arthur City	4804302		14,500	28.5	2,500	5.0	4,300	8.5	7,600	15.0		Beaumont-Port Arthur, TX
Anoka County (Northwest)Andover, Ramsey, Anoka & East Bethel Cities		Minnesota	17,300	28.5	3,000	4.9	5,800	9.6	8,500	14.0	33460	Minneapolis-St. Paul-Bloomington, MN-
Sauk & Columbia Counties	5501000	Wisconsin	16,900	28.5	3,300	5.5	5,800	9.7	7,900	13.3	31540	Madison, WI
Winona, Wabasha, Fillmore & Houston CountiesWinona City	2702600	Minnesota	16,500	28.5	2,700	4.7	6,100	10.5	7,700	13.3	29100	La Crosse-Onalaska, WI-MN
Shelby County	0101200	Alabama	32,200	28.5	8,200	7.3	11,800	10.5	12,100	10.7	13820	Birmingham-Hoover, AL
Erie County (Northeast)	3601203	New York	15,900	28.5	3,600	6.5	7,700	13.7	4,600	8.3	15380	Buffalo-Cheektowaga-Niagara Falls, NY
Stratford, Shelton, Trumbull, Newtown & Monroe Towns	0900105	Connecticut	26,000	28.5	8,900	9.8	10,500	11.5	6,600	7.3	14860	Bridgeport-Stamford-Norwalk, CT

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# STEM workers, by occupation group and Public Use Microdata Area: 2021

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				STEM ations	S&E occi	upations	S&E-re	elated ations	STEM mi occup	· · · · ·	MSA	
PUMA name	PUMA ID	State	Number	Percent	Number	Percent	Number	Percent	Number	Percent	code	MSA title
Nassau County (West Central)-Hempstead Town (Northwest)	3603205	New York	17,300	28.5	4,000	6.7	8,900	14.7	4,300	7.2	35620	New York-Newark-Jersey City, NY-NJ-PA
Lake CountyVernon, Moraine, West Deerfield & Libertyville (Southeast) Townships	1703310	Illinois	18,700	28.5	9,900	15.1	6,700	10.3	2,100	3.1	16980	Chicago-Naperville-Elgin, IL-IN-WI
Kandiyohi, McLeod, Meeker, Renville & Sibley Counties	2701900	Minnesota	18,200	28.4	1,800	2.9	5,500	8.5	10,900	16.9	33460	Minneapolis-St. Paul-Bloomington, MN-WI
South Central Nebraska	3100500	Nebraska	16,200	28.4	2,200	3.8	5,000	8.8	9,000	15.8	na	na
Johnston County	3701100	North Carolina	30,100	28.4	5,400	5.1	9,900	9.4	14,700	13.9	39580	Raleigh, NC
Tuscaloosa (Outer) & Pickens CountiesNorthport City (North & West)	0101500	Alabama	16,400	28.4	1,800	3.2	6,700	11.6	7,900	13.6	46220	Tuscaloosa, AL
Dorchester (North & West) & Berkeley (Southwest) Counties-Summerville Town & Ladson	4501201	South Carolina	22,800	28.4	5,400	6.8	7,000	8.7	10,400	13.0	16700	Charleston-North Charleston, SC
Union County (North Central)Roselle Park Borough	3401901	New Jersey	15,800	28.4	3,400	6.2	5,200	9.4	7,200	12.8	35620	New York-Newark-Jersey City, NY-NJ-PA
Bristol (Outside New Bedford City) & Plymouth (South) Counties	2504301	Massachusetts	14,900	28.4	2,300	4.4	6,600	12.6	6,000	11.4	14460	Boston-Cambridge-Newton, MA-NH
Nassau County (Central)Hempstead Town (Northeast)	3603207	New York	15,200	28.4	2,800	5.3	7,000	13.2	5,300	10.0	35620	New York-Newark-Jersey City, NY-NJ-PA
Morris County (West)	3401502	New Jersey	19,000	28.4	6,500	9.7	6,500	9.8	5,900	8.9	35620	New York-Newark-Jersey City, NY-NJ-PA
Boulder (Northeast) & Weld (Southwest) Counties-Longmont City & Erie Town	0800802	Colorado	29,900	28.4	13,400	12.7	7,300	6.9	9,200	8.8	14500	Boulder, CO
Nassau County (Northwest)-North Hempstead Town (North)	3603201	New York	15,300	28.4	3,000	5.5	10,800	19.9	s	s	35620	New York-Newark-Jersey City, NY-NJ-PA
Northern Shenandoah Valley Regional Commission (South)	5151085	Virginia	13,900	28.3	1,700	3.4	3,400	7.0	8,800	17.9	47900	Washington-Arlington-Alexandria, DC-VA- MD-WV
Houston City (Northwest)Between Loop I-610 & Beltway TX-8	4804611	Texas	13,600	28.3	2,800	5.8	2,800	5.8	8,000	16.7	26420	Houston-The Woodlands-Sugar Land, TX
Madison County (West)Granite City, Alton, Wood River Cities & Godfrey Village	1701205	Illinois	17,700	28.3	2,200	3.5	7,000	11.2	8,500	13.5	41180	St. Louis, MO-IL
Lake County (South)	1800104	Indiana	20,300	28.3	2,100	3.0	9,100	12.7	9,100	12.7	16980	Chicago-Naperville-Elgin, IL-IN-WI
Lehigh County (SouthOutside Allentown & Bethlehem Cities)Emmaus Borough	4202802	Pennsylvania	22,900	28.3	5,200	6.5	9,200	11.4	8,400	10.4	10900	Allentown-Bethlehem-Easton, PA-NJ
Kalamazoo County (Outer)	2602101	Michigan	18,700	28.3	3,600	5.4	8,300	12.6	6,800	10.3	28020	Kalamazoo-Portage, MI
Washington County (Central)Beaverton City (West) & Aloha	4101323	Oregon	16,800	28.3	8,100	13.5	4,100	6.9	4,700	7.9	38900	Portland-Vancouver-Hillsboro, OR-WA
Prince George's County (North)Laurel, Greenbelt (North & East) Cities & Beltsville	2401102	Maryland	20,600	28.3	8,300	11.4	6,800	9.3	5,600	7.7	47900	Washington-Arlington-Alexandria, DC-VA-MD-WV
Story & Boone CountiesAmes City	1901300	lowa	18,100	28.3	5,000	7.8	8,400	13.2	4,600	7.3	11180	Ames, IA
St. Louis County (Central West)	2901806	Missouri	15,600	28.3	7,000	12.8	6,800	12.4	s	s	41180	St. Louis, MO-IL
Montgomery County (South)Bethesda, Potomac & North Bethesda	2401004	Maryland	26,300	28.3	13,600	14.7	10,300	11.1	2,300	2.5	47900	Washington-Arlington-Alexandria, DC-VA-MD-WV
North Delta Regional Planning & Development District 2Northeast Louisiana	2200500	Louisiana	12,100	28.2	900	2.1	4,800	11.2	6,400	14.9	33740	Monroe, LA
Lake County (East)Mentor, Painesville Cities & Madison Village	3901100	Ohio	14,800	28.2	3,500	6.6	5,600	10.6	5,800	11.0	17460	Cleveland-Elyria, OH
Ada County (South)Boise (South) & Kuna Cities	1600800	Idaho	18,400	28.2	5,700	8.7	6,100	9.3	6,600	10.2	14260	Boise City, ID
Pierce County (Northwest)Peninsula Region & Tacoma City (West)	5311502	Washington	14,700	28.2	2,700	5.1	6,800	13.1	5,200	10.0	42660	Seattle-Tacoma-Bellevue, WA

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## STEM workers, by occupation group and Public Use Microdata Area: 2021

(Number and percent)

				STEM ations	S&E occ	upations	S&E-r occup	elated ations		iddle-skill ations	MSA	
PUMA name	PUMA ID	State	Number	Percent	Number	Percent	Number	Percent	Number	Percent	code	MSA title
Bucks County (Southwest)	4203004	Pennsylvania	24,700	28.2	6,800	7.8	10,700	12.2	7,200	8.2	37980	Philadelphia-Camden-Wilmington, PA-NJ- DE-MD
Richland (North) & Fairfield CountiesForest Acres City & Dentsville	4500603	South Carolina	26,200	28.2	4,400	4.7	14,300	15.4	7,500	8.1	17900	Columbia, SC
Monroe County (East)	3600901	New York	18,900	28.2	5,300	8.0	8,500	12.7	5,100	7.6	40380	Rochester, NY
Montgomery County (West Central)–Germantown & Montgomery Village	2401002	Maryland	18,500	28.2	9,300	14.1	4,500	6.8	4,800	7.3	47900	Washington-Arlington-Alexandria, DC-VA-MD-WV
Washtenaw County (West, Northeast & Southeast)	2602701	Michigan	15,800	28.2	4,900	8.7	7,000	12.5	4,000	7.1	11460	Ann Arbor, MI
Maricopa CountyGilbert Town (North)	0400105	Arizona	22,000	28.2	8,000	10.2	9,100	11.6	4,900	6.3	38060	Phoenix-Mesa-Scottsdale, AZ
Montgomery County (East)Fairland, Calverton, White Oak & Burtonsville	2401006	Maryland	16,300	28.2	6,700	11.5	6,200	10.6	3,500	6.0	47900	Washington-Arlington-Alexandria, DC-VA-MD-WV
Morris County (East)-Lincoln Park Borough	3401503	New Jersey	15,600	28.2	6,400	11.6	5,900	10.7	3,300	6.0	35620	New York-Newark-Jersey City, NY-NJ-PA
Norfolk (Northeast) & Middlesex (Southeast) Counties (West of Boston City)	2503500	Massachusetts	14,500	28.2	7,000	13.6	5,900	11.4	s	3.1	14460	Boston-Cambridge-Newton, MA-NH
St. Clair County	2603100	Michigan	20,600	28.1	3,000	4.1	5,300	7.2	12,300	16.8	19820	Detroit-Warren-Dearborn, MI
Bluegrass Area Development District (South)	2102100	Kentucky	14,700	28.1	1,900	3.5	5,500	10.5	7,400	14.0	30460	Lexington-Fayette, KY
Weber County (East)-Ogden (Southeast) & South Ogden Cities	4957002	Utah	15,500	28.1	2,700	4.9	5,400	9.7	7,400	13.4	36260	Ogden-Clearfield, UT
Citrus County	1201701	Florida	12,200	28.1	1,500	3.3	5,900	13.7	4,800	11.1	26140	Homosassa Springs, FL
Kern County (East)Ridgecrest, Arvin, Tehachapi & California City Cities	0602905	California	18,300	28.1	6,100	9.4	5,400	8.2	6,800	10.5	12540	Bakersfield, CA
Broward County (South Central)Miramar (West) & Pembroke Pines (Southwest) Cities	1201112	Florida	23,800	28.1	6,600	7.8	8,800	10.3	8,400	10.0	33100	Miami-Fort Lauderdale-West Palm Beach, FL
Isle of Wight, Southampton Counties, Suffolk & Franklin Cities	5151145	Virginia	21,100	28.1	4,700	6.3	9,100	12.1	7,300	9.7	47260	Virginia Beach-Norfolk-Newport News, VA-NC
Greenville (South) & Laurens Counties-Simpsonville, Laurens & Clinton Cities	4500105	South Carolina	24,000	28.1	6,200	7.3	9,500	11.2	8,200	9.6	24860	Greenville-Anderson-Mauldin, SC
Coastal Regional Commission (East)—Chatham County (East & Outside Savannah City)	1300402	Georgia	16,300	28.1	2,100	3.6	8,900	15.3	5,300	9.1	42340	Savannah, GA
Chester County (South)	4203404	Pennsylvania	15,700	28.1	5,600	10.0	5,300	9.5	4,800	8.6	37980	Philadelphia-Camden-Wilmington, PA-NJ- DE-MD
NYC-Staten Island Community District 2New Springville & South Beach	3603902	New York	15,300	28.1	4,100	7.6	7,200	13.2	4,000	7.4	35620	New York-Newark-Jersey City, NY-NJ-PA
Delaware County (West)	4203304	Pennsylvania	17,500	28.1	4,700	7.6	8,200	13.2	4,500	7.3	37980	Philadelphia-Camden-Wilmington, PA-NJ- DE-MD
El Paso County (Central)Colorado Springs City (East) & Cimarron Hills	0804104	Colorado	17,500	28.1	7,700	12.3	5,700	9.1	4,200	6.8	17820	Colorado Springs, CO
Johnson County (Northwest)-Shawnee, Lenexa & De Soto Cities	2000601	Kansas	19,900	28.1	6,800	9.5	8,900	12.5	4,300	6.0	28140	Kansas City, MO-KS
San Diego County (West Central)–San Diego City (Central/Clairemont & Kearny Mesa)	0607315	California	25,100	28.1	9,700	10.9	10,100	11.3	5,300	5.9	41740	San Diego-Carlsbad, CA
Loudoun County (West & South)Leesburg Town	5110703	Virginia	22,800	28.1	13,800	17.0	6,500	8.0	2,500	3.1	47900	Washington-Arlington-Alexandria, DC-VA-MD-WV
Montgomery, Bond, Clinton, Fayette & Effingham Counties	1700501	Illinois	16,200	28.0	2,000	3.5	4,100	7.0	10,100	17.5	41180	St. Louis, MO-IL

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			ALL S	STEM ations	S&E occi	upations	S&E-roccup	elated ations	STEM mi occup		MSA	
PUMA name	PUMA ID	State	Number	Percent	Number	Percent	Number	Percent	Number	Percent	code	MSA title
Clark County (North)Battle Ground City & Orchards	5311104	Washington	16,500	28.0	4,000	6.7	4,200	7.1	8,400	14.2	38900	Portland-Vancouver-Hillsboro, OR-WA
Chatham & Lee Counties	3701500	North Carolina	16,800	28.0	3,500	5.9	4,900	8.1	8,400	14.0	20500	Durham-Chapel Hill, NC
Milwaukee City (South)	5541005	Wisconsin	16,000	28.0	2,600	4.6	6,000	10.5	7,300	12.8	33340	Milwaukee-Waukesha-West Allis, WI
Hamilton County (North)Soddy-Daisy City	4702003	Tennessee	18,100	28.0	4,000	6.2	6,500	10.0	7,600	11.7	16860	Chattanooga, TN-GA
Mesa County (Central)-Greater Grand Junction & Fruita Cities	0801001	Colorado	16,600	28.0	3,100	5.2	7,000	11.7	6,600	11.0	24300	Grand Junction, CO
El Dorado CountyEl Dorado Hills	0601700	California	24,500	28.0	7,800	8.9	8,100	9.3	8,600	9.8	40900	SacramentoRosevilleArden-Arcade, CA
Riverside County (West Central)-Corona City (South), Woodcrest & Home Gardens		California	14,200	28.0	3,300	6.4	6,000	11.9	4,900	9.7	40140	Riverside-San Bernardino-Ontario, CA
George Washington Regional Commission (South)	5151120	Virginia	26,700	28.0	9,100	9.6	8,600	9.0	9,000	9.4	40060	Richmond, VA
Saline County	0501200	Arkansas	16,800	28.0	3,200	5.4	8,000	13.3	5,600	9.3	30780	Little Rock-North Little Rock-Conway, AR
Wayne County (Central)–Dearborn & Dearborn Heights Cities	2603203	Michigan	18,000	28.0	6,900	10.7	5,400	8.4	5,800	9.0	19820	Detroit-Warren-Dearborn, MI
Middlesex County (Southeast)	3400901	New Jersey	15,800	28.0	5,500	9.7	5,900	10.5	4,400	7.8		New York-Newark-Jersey City, NY-NJ-PA
Nassau County (West Central)North Hempstead Town (South)	3603204	New York	16,400	28.0	2,600	4.4	9,300	15.9	4,500	7.7	35620	New York-Newark-Jersey City, NY-NJ-PA
Orange County (Northeast)Lake Forest, Irvine (North) Cities & Silverado	0605905	California	34,500	28.0	15,500	12.6	11,500	9.3	7,500	6.1	31080	Los Angeles-Long Beach-Anaheim, CA
Contra Costa County (Far Northwest)–Richmond (North), Hercules & El Cerrito Cites	0601302	California	16,900	28.0	7,800	12.9	5,600	9.3	3,500	5.8	41860	San Francisco-Oakland-Hayward, CA
San Diego County (South Central)-San Diego City (Central/Centre City & Balboa Park)	0607316	California	28,700	28.0	14,000	13.7	10,600	10.4	4,100	4.0	41740	San Diego-Carlsbad, CA
Grant, Green, Iowa, Richland & Lafayette Counties	5500800	Wisconsin	19,700	27.9	2,100	3.0	5,600	7.9	12,000	17.0	31540	Madison, WI
Pennyrile Area Development District (South)	2100300	Kentucky	9,500	27.9	600	1.8	3,400	9.9	5,500	16.3	17300	Clarksville, TN-KY
Miami-Dade County (North Central)Miami Gardens City (North & West)	1208602	Florida	12,100	27.9	1,200	2.9	4,100	9.6	6,700	15.5	33100	Miami-Fort Lauderdale-West Palm Beach, FL
Outagamie County	5501500	Wisconsin	27,200	27.9	6,500	6.6	8,400	8.6	12,300	12.7	11540	Appleton, WI
Cook County (North)–Maine, Norwood Park Townships & Chicago CityEdison Park	1703420	Illinois	26,400	27.9	7,200	7.6	8,100	8.6	11,100	11.8	16980	Chicago-Naperville-Elgin, IL-IN-WI
Travis County (Northeast)Pflugerville, Manor Cities & Wells Branch	4805301	Texas	28,600	27.9	9,800	9.6	6,800	6.6	12,000	11.7	12420	Austin-Round Rock, TX
Bay & Midland Counties	2601400	Michigan	23,800	27.9	6,200	7.3	9,000	10.6	8,600	10.0	13020	Bay City, MI
Berkshire County-Pittsfield City	2500100	Massachusetts	17,100	27.9	1,700	2.7	9,300	15.2	6,100	10.0	38340	Pittsfield, MA
Westmoreland County (Northwest)Murrysville Municipality & New Kensington City	4202001	Pennsylvania	13,300	27.9	2,900	6.2	5,800	12.1	4,600	9.6	38300	Pittsburgh, PA
Harford County (North & West)-Bel Air Town, Fallston & Jarrettsville	2400601	Maryland	19,100	27.9	6,000	8.8	6,900	10.1	6,100	9.0	12580	Baltimore-Columbia-Towson, MD
Southwest KansasDodge City, Garden City & Liberal City	2001200	Kansas	17,000	27.8	1,300	2.1	3,700	6.0	12,000	19.6	na	na
West Central WisconsinNorthern Mississippi Region	5500700	Wisconsin	27,700	27.8	3,000	3.0	8,000	8.1	16,600	16.7	33460	Minneapolis-St. Paul-Bloomington, MN-WI
North Central KansasSalina City	2000200	Kansas	18,800	27.8	1,700	2.5	6,800	10.0	10,300	15.3	na	na
Livingston, Ford, Iroquois & Vermilion Counties	1702200	Illinois	16,600	27.8	1,600	2.7	6,000	10.1	9,000	15.1	16580	Champaign-Urbana, IL

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			ALL S	STEM ations	S&E occi	upations	S&E-re	elated ations		ddle-skill ations	MSA	
PUMA name	PUMA ID	State	Number	Percent	Number	Percent	Number	Percent	Number	Percent	code	MSA title
Jefferson County (North)	2902001	Missouri	16,200	27.8	4,000	6.8	3,800	6.6	8,300	14.3	41180	St. Louis, MO-IL
Parker County	4802400	Texas	20,000	27.8	3,600	5.0	7,200	10.0	9,200	12.8	19100	Dallas-Fort Worth-Arlington, TX
Orange County (Northeast)Greater Newburgh City	3602901	New York	16,400	27.8	2,800	4.7	6,000	10.2	7,600	12.8	35620	New York-Newark-Jersey City, NY-NJ-PA
Lake County (West)Eastlake, Wickliffe, Willoughby & Willowick Cities	3901000	Ohio	15,500	27.8	2,900	5.2	5,600	10.0	7,000	12.5	17460	Cleveland-Elyria, OH
Ottawa, Wood (Northeast) & Lucas (East) Counties-Oregon City	3900600	Ohio	14,400	27.8	2,400	4.6	5,800	11.1	6,300	12.1	45780	Toledo, OH
Oakland County (Northeast)	2602902	Michigan	20,200	27.8	7,600	10.4	6,700	9.3	5,900	8.0	19820	Detroit-Warren-Dearborn, MI
East Haven, Branford, Guilford, Madison & North Branford Towns	0900906	Connecticut	15,600	27.8	4,400	7.8	6,800	12.1	4,400	7.9	35300	New Haven-Milford, CT
Bucks County (Central)	4203002	Pennsylvania	19,600	27.8	5,500	7.7	9,500	13.5	4,600	6.5	37980	Philadelphia-Camden-Wilmington, PA-NJ- DE-MD
Dubois, Knox, Spencer, Perry, Pike & Crawford Counties	1803400	Indiana	18,700	27.7	2,000	3.0	5,100	7.6	11,500	17.1	na	na
Hancock & Putnam Counties	3902400	Ohio	15,000	27.7	2,900	5.4	4,800	8.9	7,300	13.4	na	na
Sedgwick (Northwest) & Harvey Counties-Wichita (Northwest) & Newton Cities	2001301	Kansas	22,200	27.7	5,800	7.2	6,900	8.6	9,500	11.9	48620	Wichita, KS
Suffolk County (Central)Brookhaven Town (Central)	3603307	New York	18,000	27.7	2,400	3.7	7,900	12.1	7,700	11.8	35620	New York-Newark-Jersey City, NY-NJ-PA
Harris County (Far Northwest)Katy City (Northeast)	4804632	Texas	32,300	27.7	9,200	7.9	9,700	8.3	13,400	11.5	26420	Houston-The Woodlands-Sugar Land, TX
Bristol, Southington & Burlington Towns	0900304	Connecticut	16,000	27.7	4,500	7.8	5,600	9.7	5,900	10.2	25540	Hartford-West Hartford-East Hartford, CT
Boone County	2900600	Missouri	26,000	27.7	4,400	4.7	14,300	15.2	7,300	7.8	17860	Columbia, MO
Alachua County (Outer)	1200102	Florida	16,400	27.7	4,500	7.6	8,200	13.8	3,700	6.2	23540	Gainesville, FL
Oakland County (Central)Birmingham & Bloomfield Area	2602906	Michigan	20,000	27.7	7,800	10.8	10,200	14.2	s	s	19820	Detroit-Warren-Dearborn, MI
Huron & Ashland Counties	3902100	Ohio	13,700	27.6	1,200	2.3	3,700	7.6	8,800	17.7	na	na
Greene, Daviess, Owen, Orange & Martin Counties	1802700	Indiana	19,400	27.6	1,700	2.5	6,600	9.3	11,100	15.8	14020	Bloomington, IN
Northeast Georgia Regional Commission (East)	1303700	Georgia	15,500	27.6	2,200	3.9	5,100	9.1	8,200	14.6	12020	Athens-Clarke County, GA
Lexington (South & West) & Saluda CountiesLexington Town & Red Bank	4500601	South Carolina	23,400	27.6	4,800	5.7	7,900	9.3	10,700	12.6	17900	Columbia, SC
Douglas CountyOmaha City (Southeast)	3100904	Nebraska	15,400	27.6	3,300	5.9	5,100	9.2	6,900	12.4	36540	Omaha-Council Bluffs, NE-IA
Brevard County (Southeast)-Palm Bay City, Grant-Valkaria & Malabar Towns	1200904	Florida	18,000	27.6	4,600	7.1	5,500	8.5	7,800	12.0	37340	Palm Bay-Melbourne-Titusville, FL
Franklin County	2901600	Missouri	13,400	27.6	2,400	5.0	5,400	11.2	5,600	11.5	41180	St. Louis, MO-IL
Pinal County (West)Maricopa, Casa Grande & Eloy (Southeast) Cities	0400807	Arizona	18,500	27.6	3,500	5.2	7,500	11.1	7,600	11.3	38060	Phoenix-Mesa-Scottsdale, AZ
Burlington County (North)-Burlington City	3402001	New Jersey	19,500	27.6	5,200	7.3	6,700	9.4	7,700	10.8	37980	Philadelphia-Camden-Wilmington, PA-NJ- DE-MD
Northern Kentucky Area Development District (North Central)Kenton County	2102400	Kentucky	23,200	27.6	5,900	7.1	9,600	11.4	7,700	9.1	17140	Cincinnati, OH-KY-IN
Jefferson County (East Central)-Lakewood (North), Wheat Ridge & Golden Cities	0800818	Colorado	19,800	27.6	9,300	12.9	5,600	7.9	4,900	6.8	19740	Denver-Aurora-Lakewood, CO
Cuyahoga County (West)Berea, Brook Park, Lakewood & Rocky River Cities	3900902	Ohio	21,500	27.6	7,100	9.2	10,000	12.8	4,400	5.7	17460	Cleveland-Elyria, OH
Golden Crescent Regional Planning Commission (North) & Wilson & Karnes Counties	4805500	Texas	17,800	27.5	1,900	2.9	6,100	9.4	9,800	15.1	41700	San Antonio-New Braunfels, TX
Houston (Southeast) & Webster Cities	4804620	Texas	15,900	27.5	2,800	4.8	5,200	9.0	7,900	13.7	26420	Houston-The Woodlands-Sugar Land, TX

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				STEM ations	S&E occ	upations	S&E-roccup			ddle-skill ations	MSA	
PUMA name	PUMA ID	State	Number	Percent	Number	Percent	Number	Percent	Number	Percent	code	MSA title
Washington CountyHagerstown City	2400200	Maryland	17,600	27.5	5,300	8.3	3,800	6.0	8,500	13.3	25180	Hagerstown-Martinsburg, MD-WV
Stark County (East) & Carroll CountyAlliance City	3903300	Ohio	15,300	27.5	1,900	3.4	6,500	11.6	6,900	12.5	15940	Canton-Massillon, OH
Santa Rosa County	1211300	Florida	22,400	27.5	3,600	4.4	10,700	13.1	8,100	10.0	37860	Pensacola-Ferry Pass-Brent, FL
Suffolk County (North Central)-Brookhaven Town (North)	3603304	New York	16,000	27.5	3,800	6.6	6,700	11.4	5,500	9.5	35620	New York-Newark-Jersey City, NY-NJ-PA
Rockland County (South)Orangetown, Clarkstown (South) & Ramapo (Southeast) Towns	3603002	New York	13,900	27.5	3,100	6.1	6,300	12.5	4,500	9.0	35620	New York-Newark-Jersey City, NY-NJ-PA
Pittsburgh City (South)	4201702	Pennsylvania	15,600	27.5	6,300	11.1	4,600	8.1	4,800	8.4	38300	Pittsburgh, PA
Glastonbury, Newington, Wethersfield, Rocky Hill & Marlborough Towns	0900306	Connecticut	16,100	27.5	6,200	10.5	5,900	10.0	4,000	6.9	25540	Hartford-West Hartford-East Hartford, CT
Montgomery County (Southeast)-Willow Grove, Horsham & Montgomeryville	4203105	Pennsylvania	19,000	27.5	5,700	8.2	8,700	12.6	4,600	6.7	37980	Philadelphia-Camden-Wilmington, PA-NJ- DE-MD
Bluegrass Area Development District (Central)Lexington-Fayette County (Outer)	2101902	Kentucky	30,200	27.5	7,600	6.9	15,500	14.1	7,100	6.4	30460	Lexington-Fayette, KY
Monmouth County (Central)	3401106	New Jersey	14,500	27.5	5,200	9.8	7,000	13.2	2,300	4.4	35620	New York-Newark-Jersey City, NY-NJ-PA
Fairfax County (Central) & Fairfax CityBurke	5159303	Virginia	21,300	27.5	11,900	15.4	6,800	8.7	2,600	3.4	47900	Washington-Arlington-Alexandria, DC-VA-MD-WV
Rio Grande COG & Permian Basin Regional Planning Commission (West)	4803200	Texas	13,800	27.4	S	S	S	5.9	9,600	19.1	21340	El Paso, TX
Manitowoc & Kewaunee Counties	5501301	Wisconsin	13,900	27.4	1,400	2.7	3,500	6.8	9,100	17.9	24580	Green Bay, WI
Northwest ColoradoGarfield, Routt, Moffat & Rio Blanco Counties	0800200	Colorado	15,500	27.4	2,100	3.7	4,500	8.0	8,900	15.7	na	na
Marion County (North)	1208301	Florida	9,500	27.4	900	2.5	3,700	10.6	5,000	14.3	36100	Ocala, FL
Snohomish County (North)Marysville & Arlington Cities	5311706	Washington	18,700	27.4	5,000	7.3	5,100	7.4	8,700	12.7	42660	Seattle-Tacoma-Bellevue, WA
Summit County (South)-Barberton, Green & New Franklin Cities	3901805	Ohio	14,300	27.4	3,000	5.7	4,800	9.2	6,500	12.5	10420	Akron, OH
Carbon & Lehigh (North) Counties	4202801	Pennsylvania	16,700	27.4	3,400	5.5	6,200	10.2	7,100	11.6	10900	Allentown-Bethlehem-Easton, PA-NJ
Atlanta Regional Commission-Gwinnett County (Central)-Lawrenceville City	1304003	Georgia	23,400	27.4	7,800	9.2	5,800	6.8	9,800	11.5	12060	Atlanta-Sandy Springs-Roswell, GA
Central RegionRankin & Simpson Counties	2801300	Mississippi	22,800	27.4	3,200	3.9	10,500	12.6	9,100	10.9	27140	Jackson, MS
New London County (North)	0901100	Connecticut	18,100	27.4	4,000	6.1	7,800	11.9	6,200	9.4	35980	Norwich-New London, CT
Chester County (West Central)Coatesville City	4203403	Pennsylvania	22,000	27.4	6,600	8.2	8,500	10.6	6,900	8.6	37980	Philadelphia-Camden-Wilmington, PA-NJ- DE-MD
Sacramento County (Central)Rancho Cordova City	0606702	California	16,100	27.4	6,100	10.4	5,300	9.0	4,700	8.0	40900	SacramentoRosevilleArden-Arcade, CA
Brevard County (Southwest)Melbourne & West Melbourne Cities	1200903	Florida	16,500	27.4	5,200	8.6	6,500	10.7	4,800	8.0	37340	Palm Bay-Melbourne-Titusville, FL
Bergen County (East)Tenafly, Park Ridge & Cresskill Boroughs	3400305	New Jersey	13,400	27.4	4,300	8.7	5,900	11.9	3,300	6.7	35620	New York-Newark-Jersey City, NY-NJ-PA
Marion CountyWashington Township (South & East)Indianapolis City (North)	1802302	Indiana	16,900	27.4	5,500	8.9	7,700	12.5	3,700	6.0	26900	Indianapolis-Carmel-Anderson, IN
Prince George's County (East)Bowie City, Kettering, Largo, Mitchellville & Lanham	2401105	Maryland	27,300	27.4	12,100	12.1	9,500	9.6	5,700	5.7	47900	Washington-Arlington-Alexandria, DC-VA-MD-WV
Denton County (Far Southeast)Carrollton (North) & Dallas (North) Cities	4802001	Texas	20,500	27.4	9,200	12.3	7,300	9.7	4,100	5.4	19100	Dallas-Fort Worth-Arlington, TX
Austin City (Northwest)	4805305	Texas	15,900	27.4	8,300	14.4	4,800	8.4	2,700	4.6	12420	Austin-Round Rock, TX

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## STEM workers, by occupation group and Public Use Microdata Area: 2021

(Number and percent)

			ALL S		S&E occi	upations	S&E-re			ddle-skill ations	MSA	
PUMA name	PUMA ID	State	Number	Percent	Number	Percent	Number	Percent	Number	Percent	code	MSA title
												Washington-Arlington-Alexandria, DC-VA-
Montgomery County (Southeast)Takoma Park City & Silver Spring	2401007	Maryland	17,500	27.4	10,100	15.8	4,500	7.1	2,800	4.4	47900	MD-WV
KIPDA Area Development District (West)Louisville/Jefferson County	0101700	Manatara Inc.	16.600	07.4	F 600	0.0	0.400	10.0	0.600	4.0	01140	Lastinitle / laffana an Oassata IV/ IN
(Northeast)		Kentucky	16,600	27.4	5,600	9.3	8,400	13.9	2,600	4.2		Louisville/Jefferson County, KY-IN
Pima County (Northeast)	0400204		14,000	27.4	4,600	9.1	7,500	14.6	S	3.7		Tucson, AZ
St. Louis County (Central)	2901805		17,300	27.4	6,000	9.6	9,600	15.2	8	S		St. Louis, MO-IL
Northeast Oklahoma		Oklahoma	17,600	27.3	1,300	2.1	6,200	9.7	10,000	15.5		Tulsa, OK
Huntington, Whitley, Adams & Wells Counties	1800900	Indiana	16,700	27.3	2,400	3.9	5,000	8.1	9,300	15.3	23060	Fort Wayne, IN
Southwest Georgia Regional Commission (East)-Colquitt, Thomas & Worth Counties	1300800	Georgia	13,400	27.3	1,600	3.2	4,500	9.1	7,300	15.0	10500	Albany, GA
Three Rivers Regional Commission (East)	1301900		17,300	27.3	1,100	1.8	6,800	10.7	9,400	14.8		Atlanta-Sandy Springs-Roswell, GA
Haywood, Madison, Swain, Graham & Jackson (North) Counties		North Carolina	13,000	27.3	1,500	3.1	4,800	10.1	6,700	14.1		Asheville, NC
Pierce County (Southeast)Graham, Elk Plain & Prairie Ridge		Washington	17,200	27.3	3,200	5.1	5,200	8.2	8,800	14.0	42660	-
Jackson, Williamson, Franklin & Perry Counties	1700900		18,800	27.3	1,600	2.4	7,800	11.3	9,400	13.7	16060	
Mower, Steele, Freeborn & Dodge Counties	2702400		16,900	27.3	2,900	4.6	6,100	9.8	8,000	12.9	40340	·
Macomb County (North)	2603001	Michigan	15,800	27.3	4,100	7.1	4,500	7.7	7,200	12.5	19820	
South Central Planning & Development Commission 1River Parishes	2201900		13,500	27.3	1,700	3.5	5,600	11.3	6,200	12.5	35380	
Miami County	3904400		13,900	27.3	2,700	5.4	5,000	9.8	6,200	12.1	19380	·
Tarrant County (North)-North Richland Hills (North) & Keller Cities	4802510	Texas	16,200	27.3	5,000	8.4	5,200	8.7	6,000	10.1	19100	Dallas-Fort Worth-Arlington, TX
Fairfax County (East Central)Annandale, West Falls Church & Bailey's												Washington-Arlington-Alexandria, DC-VA-
Crossroads	5159301	Virginia	19,500	27.3	8,200	11.6	5,000	7.0	6,300	8.8	47900	MD-WV
Portland City (Southeast)	4101303	Oregon	17,300	27.3	6,800	10.8	5,700	9.0	4,700	7.5	38900	Portland-Vancouver-Hillsboro, OR-WA
Hamilton County (North Central)Sharonville, Blue Ash, Springdale & Reading												
Cities	3905506		13,500	27.3	6,000	12.2	4,100	8.2	3,400	6.9		Cincinnati, OH-KY-IN
Placer County (Central)Rocklin, Lincoln Cities & Loomis Town		California	15,400	27.3	5,000	8.8	7,000	12.4	3,400	6.0	40900	
NYC-Queens Community District 6Forest Hills & Rego Park	3604108	New York	15,800	27.3	4,100	7.0	8,300	14.2	3,500	6.0	35620	, ,,
Raleigh City (North)	3701202	North Carolina	20,500	27.3	7,000	9.4	9,600	12.7	3,900	5.2	39580	J .
Collin County (South Central)Allen, Murphy, Plano (East) & Parker Cities	4801904		19,000	27.3	8,500	12.2	7,400	10.7	3,100	4.4	19100	9 .
Boulder County (Central)-Boulder City	0800803	Colorado	18,500	27.3	10,800	15.9	5,100	7.6	2,600	3.8	14500	Boulder, CO
NYC-Manhattan Community District 8Upper East Side	3603805	New York	31,100	27.3	12,400	10.9	17,100	15.0	s	s	35620	New York-Newark-Jersey City, NY-NJ-PA
Northwest Central IowaStorm Lake, Denison & Cherokee Region	1901900	lowa	15,300	27.2	1,700	3.0	3,800	6.8	9,800	17.4	na	na
Northeast North DakotaGrand Forks City	3800400	North Dakota	14,600	27.2	2,900	5.3	4,300	8.1	7,400	13.8	24220	Grand Forks, ND-MN
York County (West & Outside Rock Hill City)	4500501	South Carolina	16,500	27.2	2,900	4.7	5,500	9.1	8,100	13.3	16740	Charlotte-Concord-Gastonia, NC-SC
York County (North)Weigelstown	4203602	Pennsylvania	16,600	27.2	3,600	5.9	5,100	8.3	7,900	12.9	49620	York-Hanover, PA
Snohomish County (Central & Southeast)Lake Stevens & Monroe Cities	5311705	Washington	18,600	27.2	4,300	6.3	5,600	8.1	8,700	12.8	42660	Seattle-Tacoma-Bellevue, WA

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(Number and percent)

			ALL S	STEM ations	S&E occ	upations	S&E-r	elated ations		iddle-skill ations	MSA	
PUMA name	PUMA ID	State	Number	Percent	Number	Percent	Number	Percent	Number	Percent	code	MSA title
Licking County	3903800	Ohio	22,400	27.2	4,000	4.9	8,500	10.3	9,900	12.0	18140	Columbus, OH
Davis County (North)Layton, Clearfield, Kaysville, Syracuse & Clinton Cities	4911001	Utah	30,000	27.2	8,200	7.4	8,800	8.0	13,000	11.8	36260	Ogden-Clearfield, UT
Newport News City	5151175	Virginia	22,600	27.2	5,100	6.1	7,900	9.6	9,600	11.5	47260	Virginia Beach-Norfolk-Newport News, VA-NC
Macomb County (Southwest)Warren & Center Line Cities	2603006	Michigan	20,100	27.2	6,600	8.9	5,200	7.1	8,200	11.2	19820	Detroit-Warren-Dearborn, MI
Dauphin County (Outer)Hershey	4202402	Pennsylvania	15,400	27.2	1,700	3.0	7,600	13.5	6,100	10.8	25420	Harrisburg-Carlisle, PA
Linn CountyCedar Rapids City	1901000	lowa	31,100	27.2	9,000	7.9	10,800	9.5	11,200	9.8	16300	Cedar Rapids, IA
Dakota County (South)-Lakeville, Hastings, Rosemount & Farmington Cities	2701502	Minnesota	23,100	27.2	5,300	6.3	9,600	11.3	8,200	9.6	33460	Minneapolis-St. Paul-Bloomington, MN-WI
Bristol CountyTaunton City, Mansfield, Norton, Raynam, Dighton & Berkley Towns		Massachusetts	18,700	27.2	3,900	5.6	8,300	12.1	6,500	9.5	39300	
Madison County (East)	1701204		16,200	27.2	5,200	8.7	6,000	10.1	5,000	8.4		St. Louis, MO-IL
New Haven Town	0900905	Connecticut	16,400	27.2	4,600	7.6	7,500	12.4	4,300	7.2	35300	New Haven-Milford, CT
Cook County (Northwest)-Schaumburg Township (South & Central)	1703418	Illinois	15,400	27.2	7,600	13.4	3,900	6.9	3,900		16980	3 1 3 /
Thomas Jefferson Planning District Commission (North)	5151090	<u> </u>	16,600	27.2	4,400	7.2	8,200	13.5	4,000	6.5	16820	Charlottesville, VA
Cincinnati (East) & Norwood Cities	3905505		16,600	27.2	6,700	11.0	6,600	10.7	3,300	5.5	17140	Cincinnati, OH-KY-IN
Austin City (North)	4805302		18,100	27.2	11,100	16.7	3,600	5.4	3,400	5.1	12420	Austin-Round Rock, TX
San Diego County (West)-San Diego City (Southwest/Central Coastal)		California	21,500	27.2	9,500	12.0	8,300	10.5	3,700	4.7	41740	San Diego-Carlsbad, CA
Pittsburgh City (North)	4201701	Pennsylvania	25,100	27.2	10,300	11.2	11,000	11.9	3,800	4.1	38300	Pittsburgh, PA
Panhandle Regional Planning Commission (Outside Potter & Randall Counties)	4800100	Texas	21,800	27.1	1,400	1.7	4,300	5.3	16,200	20.1	11100	Amarillo, TX
South Central Iowa	1901800	lowa	12,900	27.1	800	1.7	3,200	6.8	8,900	18.7	19780	Des Moines-West Des Moines, IA
Talladega, Cherokee, Randolph, Cleburne & Clay Counties	0101000	Alabama	15,700	27.1	1,300	2.2	5,200	8.9	9,200	16.0	na	na
Washington (South) & Greene Counties	4204002	Pennsylvania	11,200	27.1	900	2.1	3,700	9.1	6,500	15.9	38300	Pittsburgh, PA
Clark, Jasper, Crawford, Lawrence, Richland, Clay & Wayne Counties	1700700	Illinois	11,500	27.1	900	2.0	3,900	9.1	6,700	15.9	na	na
Van Buren & Cass Counties	2602300	Michigan	14,600	27.1	2,000	3.7	4,500	8.4	8,100	15.0	28020	Kalamazoo-Portage, MI
Rogers (Central) & Wagoner (West) CountiesClaremore City	4001301	Oklahoma	16,900	27.1	3,400	5.4	5,800	9.3	7,700	12.4	46140	Tulsa, OK
Lancaster County (Northwest)-Elizabethtown Borough	4203502	Pennsylvania	15,600	27.1	4,700	8.1	4,900	8.4	6,100	10.6	29540	Lancaster, PA
Virginia's Region 2000 (North)-Bedford, Amherst, Appomattox Counties & Bedford City	5151095	Virginia	16,000	27.1	3,200	5.4	6,600	11.2	6,200	10.5	31340	Lynchburg, VA
Delaware County (Southeast)Chester City	4203303	Pennsylvania	16,500	27.1	3,300	5.5	7,000	11.5	6,200	10.2	37980	Philadelphia-Camden-Wilmington, PA-NJ- DE-MD
Kane County (West)	1703009	Illinois	17,900	27.1	3,200	4.9	8,500	12.8	6,200	9.4	16980	Chicago-Naperville-Elgin, IL-IN-WI
El Paso City (Northwest)	4803306	Texas	17,800	27.1	3,600	5.5	8,900	13.5	5,300	8.0	21340	El Paso, TX
Bucks County (Southeast)Levittown	4203003	,	25,100	27.1	7,400	8.0	10,600	11.5	7,100	7.7		Philadelphia-Camden-Wilmington, PA-NJ- DE-MD
Allegheny County (South)-Bethel Park Municipality & Jefferson Hills Borough	4201807	Pennsylvania	15,800	27.1	6,500	11.1	5,600	9.6	3,800	6.4	38300	Pittsburgh, PA

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(Number and percent)

			ALL S	STEM ations	S&E occi	upations	S&E-r	elated ations	STEM mi		MSA	
PUMA name	PUMA ID	State	Number	Percent	Number	Percent	Number	Percent	Number	Percent	code	MSA title
Middlesex (Far Southwest), Norfolk (Northwest) & Worcester (Far East) Counties	2502400	Massachusetts	17,000	27.1	6,800	10.9	6,300	10.1	3,800	6.1	14460	Boston-Cambridge-Newton, MA-NH
Greenville County (Central)Greenville & Mauldin Cities	4500104	South Carolina	16,600	27.1	5,500	8.9	9,000	14.6	S	3.5	24860	Greenville-Anderson-Mauldin, SC
Union (East) & Anson Counties-Monroe City	3705300	North Carolina	14,500	27.0	1,200	2.2	5,300	10.0	8,000	14.9	16740	Charlotte-Concord-Gastonia, NC-SC
Lenawee & Hillsdale Counties	2602500	Michigan	16,000	27.0	2,600	4.4	4,600	7.9	8,700	14.7	na	na
South Central MontanaBozeman City	3000500	Montana	23,600	27.0	5,100	5.8	7,500	8.6	11,100	12.7	13740	Billings, MT
Middlesex County (Far Northeast)Lowell City	2500502	Massachusetts	15,200	27.0	3,400	6.0	5,600	10.0	6,100	10.9	14460	Boston-Cambridge-Newton, MA-NH
Worcester County (Northeast)Leominster, Fitchburg & Gardner Cities	2500301	Massachusetts	15,700	27.0	4,300	7.5	5,500	9.5	5,900	10.1	49340	Worcester, MA-CT
Christian, Greene (Outside Springfield City) & Webster Counties	2902601	Missouri	21,500	27.0	2,300	2.9	11,100	14.0	8,000	10.0	44180	Springfield, MO
Southwestern New HampshireCheshire & Sullivan Counties	3300500	New Hampshire	15,400	27.0	3,200	5.6	6,600	11.5	5,600	9.8	na	na
Kane County (East)St. Charles, Batavia (Central) & Geneva (Central) Townships	1703007	Illinois	15,900	27.0	5,300	9.0	5,800	9.9	4,800	8.2	16980	Chicago-Naperville-Elgin, IL-IN-WI
Los Angeles County (South)-Lakewood, Cerritos, Artesia & Hawaiian Gardens Cities	0603764	California	20,500	27.0	6,700	8.8	7,800	10.2	6,100	8.0	31080	Los Angeles-Long Beach-Anaheim, CA
Snohomish County (Southwest)–Edmonds, Lynnwood & Mountlake Terrace Cities	5211701	Washington	16,800	27.0	5,000	8.0	6,900	11.0	5,000	8.0	42660	Seattle-Tacoma-Bellevue, WA
Douglas County (South)Castle Rock Town		Colorado	18,700	27.0	8,200	11.8	6,000	8.6	4,600	6.6		Denver-Aurora-Lakewood, CO
Douglas County (South) Castle Nock Town	0000022	Colorado	10,700	27.0	0,200	11.0	0,000	0.0	4,000	0.0	19740	Washington-Arlington-Alexandria, DC-VA-
Fairfax County (Southwest)Centreville (Southeast) & Lorton	5159304	Virginia	13,500	27.0	7,100	14.2	4,600	9.2	1,800	3.6	47900	MD-WV
Chilton, Tallapoosa, Chambers & Coosa Counties	0101800	Alabama	13,900	26.9	600	1.2	4,600	8.9	8,700	16.8	13820	Birmingham-Hoover, AL
West Central Minnesota	2700800	Minnesota	18,500	26.9	2,200	3.2	5,900	8.6	10,400	15.1	na	na
Stark County (West)Massillon City	3903100	Ohio	18,700	26.9	2,400	3.4	7,600	10.9	8,700	12.5	15940	Canton-Massillon, OH
Broome (Outer West) & Tioga Counties	3602202	New York	13,400	26.9	3,000	6.0	4,500	9.0	5,900	11.9	13780	Binghamton, NY
Thurston County (Outer)	5311402	Washington	12,700	26.9	3,700	7.9	3,400	7.2	5,600	11.8	36500	Olympia-Tumwater, WA
Valencia, Bernalillo (East Mountains) Counties & Isleta Pueblo	3500700	New Mexico	10,900	26.9	2,800	7.0	4,000	9.9	4,000	9.9	10740	Albuquerque, NM
Honolulu CountyKoolaupoko	1500302	Hawaii	13,800	26.9	3,800	7.4	5,000	9.7	5,000	9.8	46520	Urban Honolulu, HI
Pinellas County (North Central)	1210302	Florida	12,900	26.9	2,900	6.1	5,400	11.4	4,600	9.5	45300	Tampa-St. Petersburg-Clearwater, FL
Portsmouth & Norfolk (Southwest) Cities	5151155	Virginia	13,300	26.9	4,100	8.3	4,600	9.2	4,600	9.4	47260	Virginia Beach-Norfolk-Newport News, VA-NC
Davis County (South)Bountiful, Farmington & North Salt Lake Cities	4911002	Utah	16,000	26.9	4,400	7.5	6,200	10.5	5,300	9.0	36260	Ogden-Clearfield, UT
Allegheny County (South Central)Baldwin & Whitehall Boroughs	4201806	Pennsylvania	17,600	26.9	5,200	8.0	7,400	11.3	5,000	7.6	38300	Pittsburgh, PA
Fort Bend County (Central)Rosenberg City, Pecan Grove & New Territory	4804903	Texas	14,000	26.9	4,800	9.2	6,100	11.7	3,100	6.0	26420	Houston-The Woodlands-Sugar Land, TX
Montgomery County (Southwest)–King of Prussia & Ardmore (East)	4203103	Pennsylvania	21,100	26.9	8,200	10.5	8,500	10.9	4,300	5.5	37980	Philadelphia-Camden-Wilmington, PA-NJ- DE-MD
Fairfax County (South Central)Springfield (South), West Springfield & Franconia	5159306	-	15,200	26.9	8,700	15.3	4,200	7.5	2,300	4.1		Washington-Arlington-Alexandria, DC-VA-MD-WV

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(Number and percent)

			ALL S	STEM ations	S&E occ	upations	S&E-r	elated ations	STEM mi	ddle-skill ations	MSA	
PUMA name	PUMA ID	State	Number	Percent	Number	Percent	Number	Percent	Number	Percent	code	MSA title
Rice, Goodhue & Le Sueur Counties	2702300	Minnesota	18,400	26.8	1,600	2.3	4,900	7.1	11,900	17.3	33460	Minneapolis-St. Paul-Bloomington, MN-WI
West North DakotaMinot City		North Dakota	26,000	26.8	3,300	3.4	6,800	7.1	15,900	16.4		Bismarck, ND
Menard, Logan, De Witt, Piatt, Moultrie, Shelby & Christian Counties	1701602		16,300	26.8	1,700	2.7	5,300	8.7	9,300	15.3	14010	
Genesee (West) & Shiawassee Counties		Michigan	20,900	26.8	3,000	3.9	7,700	9.9	10,100	13.0		Flint, MI
Steuben (North & West), Schuyler & Chemung (North) Counties		New York	10,900	26.8	1,800	4.5	4,100	10.1	4,900	12.2		Elmira, NY
Attleboro City, North Attleborough, Swansea, Seekonk, Rehoboth & Plainville												
Towns		Massachusetts	17,300	26.8	4,200	6.5	5,300	8.2	7,800	12.0		Boston-Cambridge-Newton, MA-NH
Canadian County-Oklahoma City (West)		Oklahoma	20,700	26.8	4,800	6.2	6,700	8.6	9,200	12.0		Oklahoma City, OK
Sedgwick (South) & Butler (Southwest) CountiesWichita (South) & Derby Cities	2001304	Kansas	20,900	26.8	3,400	4.4	8,500	10.8	9,000	11.6	48620	Wichita, KS
Roanoke Valley-Alleghany Regional Commission (Outside Roanoke & Salem Cities)	5151045	Virginia	23,800	26.8	4,700	5.3	9,800	11.0	9,400	10.5	40220	Roanoke, VA
Lackawanna (Outside Greater Scranton City) & Wyoming Counties	4200702	Pennsylvania	16,100	26.8	2,600	4.3	7,200	12.0	6,300	10.5	42540	ScrantonWilkes-BarreHazleton, PA
Northampton (South) & Lehigh (East) CountiesBethlehem (East) & Easton Cities	4202901	Pennsylvania	22,700	26.8	4,300	5.1	10,600	12.5	7,700	9.1	10900	Allentown-Bethlehem-Easton, PA-NJ
Essex County (Central)Amesbury Town City	2500702	Massachusetts	15,600	26.8	4,200	7.2	6,300	10.8	5,100	8.8	14460	Boston-Cambridge-Newton, MA-NH
Montgomery County (East Central)Wheaton, Aspen Hill & Glenmont	2401005	Maryland	19,100	26.8	7,100	9.9	5,800	8.1	6,200	8.7	47900	Washington-Arlington-Alexandria, DC-VA- MD-WV
Clay County	1201900	Florida	27,500	26.8	5,400	5.3	13,400	13.1	8,700	8.5	27260	Jacksonville, FL
Jackson CountyKansas City (South)	2901005	Missouri	20,300	26.8	6,900	9.1	7,500	9.9	5,900	7.8	28140	Kansas City, MO-KS
Contra Costa County (Northwest)–Concord (West), Martinez & Pleasant Hill Cities	0601303	California	18,100	26.8	6,400	9.5	6,500	9.6	5,200	7.7	41860	San Francisco-Oakland-Hayward, CA
James City, York Counties, Williamsburg & Poquoson Cities	5151206	Virginia	20,400	26.8	7,500	9.8	7,200	9.5	5,700	7.5	47260	Virginia Beach-Norfolk-Newport News, VA-NC
New Castle County (North)Hockessin	1000102	Delaware	19,500	26.8	6,600	9.0	7,500	10.3	5,400	7.5	37980	Philadelphia-Camden-Wilmington, PA-NJ- DE-MD
San Diego County (Northwest)Carlsbad City	0607304	California	16,200	26.8	6,700	11.0	5,100	8.4	4,500	7.4	41740	San Diego-Carlsbad, CA
Oakland County (Southeast)	2602908	Michigan	28,000	26.8	9,800	9.4	11,100	10.7	7,100	6.8	19820	Detroit-Warren-Dearborn, MI
Los Angeles County (Southwest)Palos Verdes Peninsula	0603768	California	11,800	26.8	4,900	11.1	5,100	11.5	1,800	4.2	31080	Los Angeles-Long Beach-Anaheim, CA
North Texas Regional Planning Commission (Outside Wichita County) & Wise County	4800600	Texas	18,200	26.7	1,400	2.1	4,500	6.5	12,300	18.0	19100	Dallas-Fort Worth-Arlington, TX
Southwest Minnesota	2702100	Minnesota	15,300	26.7	1,600	2.9	3,800	6.7	9,900	17.2	na	na
Green River Area Development District (Southwest)	2101400	Kentucky	11,300	26.7	1,100	2.5	3,800	9.0	6,400	15.2	21780	Evansville, IN-KY
Lebanon County	4202500	Pennsylvania	17,100	26.7	3,000	4.7	5,900	9.2	8,200	12.7	30140	Lebanon, PA
Hampden (West & East) & Hampshire (South) CountiesNorthampton City	2501600	Massachusetts	18,500	26.7	3,300	4.8	7,000	10.1	8,200	11.8	44140	Springfield, MA
Northeast Rhode IslandProvidence CountyPawtucket & Central Falls Cities	4400102	Rhode Island	25,100	26.7	6,100	6.5	7,900	8.4	11,000	11.7	39300	Providence-Warwick, RI-MA

Table SLBR-22

# STEM workers, by occupation group and Public Use Microdata Area: 2021

(Number and percent)

			ALL S		S&E occi	upations	S&E-re		STEM mi	ddle-skill ations	MSA	
PUMA name	PUMA ID	State	Number	Percent	Number	Percent	Number	Percent	Number	Percent	code	MSA title
Northeast Vermont–Washington, Caledonia, Orleans, Lamoille & Essex Counties	5000200	Vermont	19,100	26.7	3,400	4.8	7,500	10.5	8,200	11.4	na	na
Plymouth County (East)Plymouth, Marshfield, Scituate, Duxbury & Kingston Towns	2504903	Massachusetts	18,400	26.7	4,000	5.8	7,600	11.1	6,800	9.9	14460	Boston-Cambridge-Newton, MA-NH
Cuyahoga County (South)Broadview Heights, North Royalton & Strongsville Cities	3900903	Ohio	15,300	26.7	3,700	6.5	6,000	10.5	5,600	9.7	17460	Cleveland-Elyria, OH
Sullivan County (Southeast)Bristol City	4701100	Tennessee	12,200	26.7	1,600	3.6	6,200	13.6	4,400	9.6	28700	Kingsport-Bristol-Bristol, TN-VA
Santa Clara County (East)-Gilroy, Morgan Hill & San Jose (South) Cities	0608506	California	15,400	26.7	3,800	6.5	6,300	10.9	5,400	9.3	41940	San Jose-Sunnyvale-Santa Clara, CA
Los Angeles County (North)–LA City (Northwest/Chatsworth & Porter Ranch)	0603705	California	23,600	26.7	7,400	8.4	8,300	9.4	7,800	8.8	31080	Los Angeles-Long Beach-Anaheim, CA
Outer Manchester City	3300700	New Hampshire	23,900	26.7	6,900	7.8	9,400	10.5	7,600	8.5	14460	Boston-Cambridge-Newton, MA-NH
Douglas CountyOmaha City (Northwest)	3100901	Nebraska	28,200	26.7	6,200	5.9	13,200	12.5	8,800	8.3	36540	Omaha-Council Bluffs, NE-IA
Charleston (Northeast) & Berkeley (North & East) CountiesMount Pleasant Town	4501203	South Carolina	22,700	26.7	6,200	7.2	9,700	11.4	6,900	8.1	16700	Charleston-North Charleston, SC
Charles CountyLa Plata Town & Waldorf	2401600	Maryland	21,800	26.7	8,600	10.5	6,900	8.4	6,400	7.8	47900	Washington-Arlington-Alexandria, DC-VA-MD-WV
Los Angeles CountyDiamond Bar, La Habra Heights (East) Cities & Rowland Heights	0603714	California	12,400	26.7	4,500	9.7	4,400	9.4	3,500	7.6	31080	Los Angeles-Long Beach-Anaheim, CA
Baltimore County (Outer)	2400501	Maryland	16,200	26.7	4,400	7.2	7,200	11.9	4,600	7.6	12580	Baltimore-Columbia-Towson, MD
Maricopa CountyGilbert (South) & Queen Creek Towns	0400100	Arizona	25,200	26.7	9,100	9.6	9,900	10.5	6,200	6.6	38060	Phoenix-Mesa-Scottsdale, AZ
Oakland County (South Central)Farmington & Southfield Area	2602907	Michigan	23,100	26.7	10,200	11.7	7,700	8.9	5,300	6.1	19820	Detroit-Warren-Dearborn, MI
San Mateo County (Southeast)Menlo Park, East Palo Alto Cities & Atherton Town	0608106	California	13,400	26.7	6,800	13.5	4,500	8.9	2,200	4.3	41860	San Francisco-Oakland-Hayward, CA
Lincoln, Warren, Audrain, Pike & Montgomery Counties	2900400		17,600	26.6	1,300	2.0	6,500	9.8	9,800	14.8		St. Louis, MO-IL
Southeast Colorado		Colorado	11,200	26.6	600	1.5	4,500	10.5	6,200	14.6		Pueblo, CO
Granville, Person & Caswell Counties	3700400	North Carolina	13,000	26.6	1,500	3.0	4,500	9.2	7,000	14.4		Durham-Chapel Hill, NC
Clackamas County (South & East)Damascus City	4101317		14,300	26.6	2,200	4.1	4,700	8.8	7,400	13.8		Portland-Vancouver-Hillsboro, OR-WA
Spartanburg County (Outside Spartanburg City)Greer City (East)	4500302	South Carolina	26,000	26.6	4,900	5.0	8,400	8.6	12,700	13.0		Spartanburg, SC
Coffee, Franklin, Lincoln & Moore Counties	4702200	Tennessee	16,300	26.6	3,600	5.9	5,000	8.2	7,600	12.4		na
Clermont County (West)	3905600	Ohio	18,700	26.6	4,000	5.7	6,100	8.7	8,600	12.2	17140	Cincinnati, OH-KY-IN
Winston-Salem City (South)	3701802	North Carolina	16,400	26.6	3,600	5.9	6,300	10.2	6,500	10.6	49180	Winston-Salem, NC
Spokane County (East Central)Greater Spokane Valley City	5310503	Washington	19,600	26.6	4,100	5.6	8,300	11.3	7,200	9.8	44060	Spokane-Spokane Valley, WA
Bonneville CountyIdaho Falls City	1601200	Idaho	14,500	26.6	3,800	6.9	5,800	10.7	4,900	9.0	26820	Idaho Falls, ID
Larimer County (South)-Loveland City	0800102	Colorado	17,200	26.6	5,400	8.4	6,100	9.4	5,800	8.9	22660	Fort Collins, CO
Worcester County (Central)Worcester City	2500300	Massachusetts	26,000	26.6	5,100	5.2	12,400	12.7	8,500	8.7	49340	Worcester, MA-CT
Tazewell County	1701900	Illinois	15,800	26.6	3,900	6.6	7,200	12.0	4,700	7.9	37900	Peoria, IL
Philadelphia City (Southeast)	4203211	Pennsylvania	15,400	26.6	4,500	7.8	6,400	11.1	4,500	7.8	37980	Philadelphia-Camden-Wilmington, PA-NJ- DE-MD

Table SLBR-22

# STEM workers, by occupation group and Public Use Microdata Area: 2021

(Number and percent)

				STEM ations	S&E occ	upations		elated ations		iddle-skill ations	MSA	
PUMA name	PUMA ID	State	Number	Percent	Number	Percent	Number	Percent	Number	Percent	code	MSA title
George Washington Regional Commission (North)	5151115	Virginia	24,400	26.6	9,400	10.2	8,200	8.9	6,800	7.4	47900	Washington-Arlington-Alexandria, DC-VA- MD-WV
Polk (Southwest) & Dallas (East) CountiesWest Des Moines & Urbandale Cities	1901500	lowa	30,800	26.6	12,700	10.9	11,100	9.6	7,000	6.1	19780	Des Moines-West Des Moines, IA
Westchester County (Central)-White Plains City	3603105	New York	22,400	26.6	8,300	9.9	10,600	12.6	3,500	4.2	35620	New York-Newark-Jersey City, NY-NJ-PA
St. Clair & Blount Counties	0100800	Alabama	16,700	26.5	2,200	3.5	4,200	6.7	10,200	16.2	13820	Birmingham-Hoover, AL
Randolph County	3703600	North Carolina	16,900	26.5	1,900	3.0	4,700	7.3	10,300	16.2	24660	Greensboro-High Point, NC
Morgan, Putnam & Brown Counties	1802100	Indiana	14,300	26.5	2,200	4.1	3,700	6.9	8,400	15.6	26900	Indianapolis-Carmel-Anderson, IN
Chenango, Delaware & Broome (East) Counties	3602203	New York	11,800	26.5	700	1.5	4,600	10.4	6,500	14.7	13780	Binghamton, NY
Tipton, Fayette & Lauderdale Counties	4703100	Tennessee	13,600	26.5	2,700	5.3	4,000	7.8	6,900	13.4	32820	Memphis, TN-MS-AR
Berkeley, Jefferson, Mineral, Hampshire & Morgan Counties	5400400	West Virginia	30,100	26.5	6,700	5.9	9,100	8.0	14,400	12.6	19060	Cumberland, MD-WV
Cole, Callaway, Moniteau & Osage Counties	2900500	Missouri	18,100	26.5	3,600	5.3	6,000	8.7	8,500	12.5	27620	Jefferson City, MO
Jasper & Newton Counties	2902800	Missouri	21,800	26.5	2,500	3.0	9,500	11.5	9,800	12.0	27900	Joplin, MO
Cumberland County (East)-Hope Mills & Spring Lake Towns	3705002	North Carolina	10,500	26.5	1,900	4.7	4,100	10.4	4,500	11.4	22180	Fayetteville, NC
KIPDA Area Development District (Northeast)	2101800	Kentucky	15,200	26.5	2,200	3.9	6,600	11.6	6,300	11.0	31140	Louisville/Jefferson County, KY-IN
Cabell, Wayne & Mason CountiesHuntington City	5400800	West Virginia	17,000	26.5	2,000	3.2	8,400	13.0	6,600	10.3	26580	Huntington-Ashland, WV-KY-OH
North Delta Regional Planning & Development District 1–Ouachita Parish	2200400	Louisiana	17,300	26.5	1,200	1.9	9,800	14.9	6,300	9.7	33740	Monroe, LA
Wayne County (North Central)Livonia City & Redford Charter Township	2603202	Michigan	18,000	26.5	6,700	9.8	4,900	7.3	6,400	9.5	19820	Detroit-Warren-Dearborn, MI
Onondaga County (Central)Syracuse City (Outer)	3600703	New York	20,300	26.5	4,000	5.3	9,400	12.2	6,900	9.0	45060	Syracuse, NY
Kalamazoo County (Central)Kalamazoo & Portage Cities Area	2602102	Michigan	14,900	26.5	4,200	7.5	5,700	10.2	4,900	8.8	28020	Kalamazoo-Portage, MI
Bergen County (West Central)Fair Lawn Borough, Garfield City & Lodi Borough	3400304	New Jersey	16,100	26.5	4,100	6.8	6,700	11.0	5,300	8.7	35620	New York-Newark-Jersey City, NY-NJ-PA
Santa Clara County (North Central)-San Jose City (East Central) & Alum Rock	0608505	California	14,200	26.5	7,200	13.4	2,800	5.1	4,300	8.0	41940	San Jose-Sunnyvale-Santa Clara, CA
Washington County (South)-Woodbury & Cottage Grove Cities	2701202	Minnesota	17,800	26.5	6,500	9.8	6,300	9.5	4,900	7.3	33460	Minneapolis-St. Paul-Bloomington, MN-WI
Jackson County-Kansas City (Central)	2901001	Missouri	24,000	26.5	7,800	8.7	9,500	10.5	6,600	7.3	28140	Kansas City, MO-KS
Albuquerque City (Southeast Heights)	3500803	New Mexico	10,900	26.5	3,800	9.2	4,200		2,900	7.0		Albuquerque, NM
Washington County (North)–Oakdale, Forest Lake, Stillwater & Hugo Cities		Minnesota	17,600	26.5	5,800	8.8	7,100		4,600		33460	Minneapolis-St. Paul-Bloomington, MN-
Arapahoe (West) & Jefferson (East) CountiesLittleton, Englewood Cities & Columbine	0800820	Colorado	15,600	26.5	6,600	11.3	5,100	8.8	3,800	6.5	19740	Denver-Aurora-Lakewood, CO
Cumberland County (East)	4202302	Pennsylvania	22,200	26.5	7,500	8.9	9,800	11.7	4,900	5.9	25420	Harrisburg-Carlisle, PA
Atlanta Regional CommissionDeKalb County (North)Dunwoody City	1302004	Georgia	21,500	26.5	9,000	11.1	7,900	9.7	4,600	5.7	12060	Atlanta-Sandy Springs-Roswell, GA
Los Angeles County (Central)San Gabriel Valley Region (North)	0603709	California	13,600	26.5	4,600	9.0	6,600	12.9	2,400	4.6	31080	Los Angeles-Long Beach-Anaheim, CA
Jasper, Starke, Fulton, Newton & Pulaski Counties	1800700	Indiana	11,800	26.4	600	1.2	3,400	7.7	7,800	17.5	16980	Chicago-Naperville-Elgin, IL-IN-WI
Capital Region Planning Commission 6-Livingston & St. Helena Parishes	2201700	Louisiana	17,600	26.4	2,800	4.2	4,700	7.1	10,100	15.1	12940	Baton Rouge, LA
Southwest Iowa-Council Bluffs City	1902100	lowa	21,400	26.4	3,300	4.0	6,800	8.4	11,400	14.0	36540	Omaha-Council Bluffs, NE-IA

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(Number and percent)

			ALL S	STEM ations	S&E occ	upations	S&E-ro		STEM mi	ddle-skill ations	MSA	
PUMA name	PUMA ID	State	Number	Percent	Number	Percent	Number	Percent	Number	Percent	code	MSA title
McHenry County (North, West & Central)	1703601	Illinois	19,000	26.4	3,000	4.2	6,100	8.4	9,900	13.8	16980	Chicago-Naperville-Elgin, IL-IN-WI
Blount County	4701700	Tennessee	17,200	26.4	2,300	3.6	5,900	9.0	9,000	13.8	28940	Knoxville, TN
York County (South)	4203603	Pennsylvania	20,900	26.4	2,600	3.3	7,800	9.8	10,500	13.2	49620	York-Hanover, PA
Eau Claire & Chippewa (South) Counties	5555103	Wisconsin	21,200	26.4	4,500	5.7	7,000	8.7	9,600	12.0	20740	Eau Claire, WI
Lincoln & Cleveland (East) Counties	3702700	North Carolina	16,500	26.4	2,900	4.6	6,200	9.9	7,500	12.0	16740	Charlotte-Concord-Gastonia, NC-SC
Buncombe County (Northwest)	3702202	North Carolina	16,800	26.4	3,400	5.4	5,900	9.3	7,400	11.7	11700	Asheville, NC
Ramsey County (Southeast)-St. Paul City (East)	2701303	Minnesota	18,300	26.4	4,200	6.1	6,000	8.7	8,000	11.6	33460	Minneapolis-St. Paul-Bloomington, MN-WI
Southwest Montana-Butte-Silver Bow & Helena City	3000300	Montana	19,100	26.4	3,700	5.1	7,600	10.5	7,800	10.8	na	na
Central Rhode IslandKent CountyWarwick City	4400201	Rhode Island	22,900	26.4	4,600	5.3	9,400	10.9	8,900	10.2	39300	Providence-Warwick, RI-MA
Northampton County (North)	4202902	Pennsylvania	20,400	26.4	5,600	7.3	7,100	9.2	7,700	9.9	10900	Allentown-Bethlehem-Easton, PA-NJ
Johnson CountyGreenwood City	1802400	Indiana	21,300	26.4	4,400	5.4	9,200	11.3	7,800	9.6	26900	Indianapolis-Carmel-Anderson, IN
Alameda County (North Central)Castro Valley, San Lorenzo & Ashland	0600106	California	17,200	26.4	5,400	8.4	6,100	9.3	5,700	8.7	41860	San Francisco-Oakland-Hayward, CA
Middlesex County (Northeast)Carteret Borough	3400905	New Jersey	15,600	26.4	6,500	11.0	4,500	7.7	4,500	7.7	35620	New York-Newark-Jersey City, NY-NJ-PA
Somerset County (Central)North Plainfield & Somerville Boroughs	3401003	New Jersey	16,500	26.4	7,400	11.9	4,500	7.2	4,600	7.4	35620	New York-Newark-Jersey City, NY-NJ-PA
Dakota County (North)-Eagan, Inver Grove Heights & South St. Paul Cities	2701501	Minnesota	21,500	26.4	6,900	8.4	8,700	10.7	5,900	7.3	33460	Minneapolis-St. Paul-Bloomington, MN-WI
Lake County (Southwest)Ela, Freemont, Wauconda & Cuba Townships	1703308	Illinois	15,300	26.4	4,500	7.8	6,600	11.4	4,200	7.2	16980	Chicago-Naperville-Elgin, IL-IN-WI
Fairfax County (Southeast)Woodlawn, Rose Hill & Mount Vernon	5159302	Virginia	17,500	26.4	8,500	12.8	4,300	6.5	4,700	7.0	47900	Washington-Arlington-Alexandria, DC-VA-MD-WV
Suffolk County (Northwest)Huntington Town (South)	3603302	New York	12,900	26.4	3,200	6.5	6,500	13.2	3,300	6.7	35620	New York-Newark-Jersey City, NY-NJ-PA
Middlesex County (Central)New Brunswick City, South River & Highland Park Boroughs	3400906	New Jersey	19,500	26.4	7,600	10.2	7,200	9.7	4,800	6.5	35620	New York-Newark-Jersey City, NY-NJ-PA
Jefferson County (East Central)Lakewood City (South) & Dakota Ridge	0800819	Colorado	19,800	26.4	8,400	11.3	6,600	8.8	4,800	6.4	19740	Denver-Aurora-Lakewood, CO
Larimer County (North)Fort Collins City	0800103	Colorado	32,400	26.4	13,100	10.7	12,300	10.1	7,000	5.7	22660	Fort Collins, CO
Bergen County (North Central)Bergenfield, Paramus, Dumont & New Milford Boroughs	3400307	New Jersey	15,100	26.4	3,400	5.9	8,500	14.9	3,200	5.6	35620	New York-Newark-Jersey City, NY-NJ-PA
Monroe County (South)	3600906	New York	22,800	26.4	7,200	8.3	10,900	12.5	4,800	5.5	40380	Rochester, NY
Fort Bend County (East)Missouri City	4804901	Texas	13,900	26.4	3,500	6.6	7,600	14.5	s	5.3	26420	Houston-The Woodlands-Sugar Land, TX
Rural Nevada	3200300	Nevada	19,300	26.3	2,300	3.1	4,500	6.1	12,500	17.0	na	na
Stephenson & Ogle Counties	1702700	Illinois	11,800	26.3	1,000	2.2	4,000	9.0	6,800	15.1	na	na
Columbia & Luzerne (West) Counties-Bloomsburg Town & Berwick Borough	4200803	Pennsylvania	13,900	26.3	1,300	2.5	5,800	10.9	6,900	13.0	14100	Bloomsburg-Berwick, PA
Chelan & Douglas Counties	5310300	Washington	14,300	26.3	1,900	3.6	5,400	9.9	7,000	12.8	48300	Wenatchee, WA
Northern Kentucky Area Development District (Southeast)	2102600	Kentucky	20,200	26.3	4,600	6.0	6,000	7.8	9,600	12.5	17140	Cincinnati, OH-KY-IN
Stanley & Cabarrus (East) Counties	3703300	North Carolina	14,100	26.3	2,500	4.7	4,900	9.2	6,600	12.3	16740	Charlotte-Concord-Gastonia, NC-SC

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(Number and percent)

			ALL S	STEM ations	S&E occi	upations	S&E-re			ddle-skill ations	MSA	
PUMA name	PUMA ID	State	Number	Percent	Number	Percent	Number	Percent	Number	Percent	code	MSA title
San Diego County (South Central)Lemon Grove City, La Presa & Spring Valley	0607319	California	15,100	26.3	3,000	5.2	5,300	9.2	6,800	11.8	41740	San Diego-Carlsbad, CA
San Diego County (Central)Lakeside, Winter Gardens & Ramona	0607307	California	12,700	26.3	4,000	8.3	3,100	6.5	5,600	11.5	41740	San Diego-Carlsbad, CA
Kisatchie Delta Regional Planning & Development District 2Rapides & Vernon Parishes	2200700	Louisiana	16,800	26.3	1,900	2.9	7,700	12.2	7,200	11.2	10780	Alexandria, LA
Cook County (Northwest)Elk Grove & Wheeling (Southwest) Townships	1703419	Illinois	16,100	26.3	4,400	7.2	4,900	8.1	6,800	11.1	16980	Chicago-Naperville-Elgin, IL-IN-WI
Clackamas County (Northwest)-Oregon City, Milwaukie & Happy Valley Cities	4101318	Oregon	23,300	26.3	5,300	5.9	8,700	9.8	9,400	10.6	38900	Portland-Vancouver-Hillsboro, OR-WA
San Antonio (Northwest) & Leon Valley Cities	4805909	Texas	14,900	26.3	4,000	7.1	5,000	8.8	5,900	10.4	41700	San Antonio-New Braunfels, TX
Hamilton County (Central)Forest Park City, White Oak, Bridgetown & Finneytown	3905502	Ohio	20,100	26.3	4,000	5.3	9,000	11.7	7,100	9.3	17140	Cincinnati, OH-KY-IN
Santa Fe County	3500500	New Mexico	17,800	26.3	6,100	9.0	5,600	8.2	6,100	9.0	42140	Santa Fe, NM
Boston CityHyde Park, Jamaica Plain, Roslindale & West Roxbury	2503305	Massachusetts	19,000	26.3	6,100	8.5	9,800	13.6	3,000	4.2	14460	Boston-Cambridge-Newton, MA-NH
Austin City (Southwest), Lost Creek & Barton Creek	4805308	Texas	17,100	26.3	7,800	12.0	7,200	11.0	s	3.3	12420	Austin-Round Rock, TX
Los Angeles CountyRedondo Beach, Manhattan Beach & Hermosa Beach Cities	0603760	California	17,700	26.3	8,300	12.3	7,500	11.2	s	s	31080	Los Angeles-Long Beach-Anaheim, CA
Houston-Galveston Area CouncilLiberty & Chambers Counties	4804400	Texas	14,900	26.2	s	S	S	S	11,600	20.4	26420	Houston-The Woodlands-Sugar Land, TX
Concho Valley COG & Permian Basin Regional Planning Commission (East)	4802800	Texas	10,000	26.2	600	1.6	2,900	7.6	6,500	17.0	33260	Midland, TX
Chisago, Isanti, Pine, Mille Lacs & Kanabec Counties	2700600	Minnesota	20,300	26.2	3,900	5.1	6,200	8.0	10,100	13.1	33460	Minneapolis-St. Paul-Bloomington, MN-WI
Hunterdon County	3400800	New Jersey	17,200	26.2	4,800	7.4	4,900	7.4	7,500	11.4	35620	New York-Newark-Jersey City, NY-NJ-PA
Contra Costa County (East)-Brentwood & Oakley Cities	0601309	California	14,400	26.2	3,200	5.9	5,400	9.8	5,800	10.6	41860	San Francisco-Oakland-Hayward, CA
Hamilton County (South)-Chattanooga (North) & Red Bank Cities	4702002	Tennessee	14,800	26.2	3,100	5.5	6,800	12.0	4,900	8.7	16860	Chattanooga, TN-GA
Northumberland & Montour Counties	4201000	Pennsylvania	12,900	26.2	2,200	4.5	6,400	13.1	4,200	8.7	14100	Bloomsburg-Berwick, PA
Hamilton County (East)Noblesville City & Fishers Town (East)	1801803	Indiana	18,600	26.2	5,600	7.8	7,300	10.2	5,800	8.1	26900	Indianapolis-Carmel-Anderson, IN
Placer County (Southwest)Roseville City	0606101	California	20,400	26.2	6,900	8.9	8,000	10.2	5,500	7.1	40900	SacramentoRosevilleArden-Arcade, CA
Montgomery County (South Central)	4203106	Pennsylvania	23,400	26.2	7,400	8.3	10,900	12.2	5,100	5.7	37980	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD
Houston-Galveston Area Council-Montgomery County (South)-The Woodlands (North)	4804503	Texas	14,700	26.2	6,100	11.0	5,700	10.1	2,800	5.1	26420	Houston-The Woodlands-Sugar Land, TX
Bexar County (North)-San Antonio City (Far North) & Timberwood Park	4805915	Texas	18,400	26.2	6,500	9.3	9,000	12.9	2,900	4.1	41700	San Antonio-New Braunfels, TX
Northeast Lower Peninsula	2600300	Michigan	13,900	26.1	1,700	3.2	4,700	8.8	7,500	14.2	na	na
Houston-Galveston Area Council-Montgomery County (Southeast)	4804504	Texas	19,100	26.1	2,700	3.7	6,100	8.4	10,300	14.1	26420	Houston-The Woodlands-Sugar Land, TX
Nevada & Sierra Counties	0605700	California	11,800	26.1	2,100	4.6	3,600	7.9	6,200	13.6	na	na
Cattaraugus & Allegany Counties	3602500	New York	12,800	26.1	1,400	2.9	4,700	9.6	6,700	13.6	na	na
Northwest Kansas	2000100	Kansas	13,300	26.1	1,100	2.1	5,500	10.7	6,700	13.2	na	na
Weber County (West)-Roy, North Ogden, Ogden (Northwest) & West Haven Cities	4957001	Utah	19,000	26.1	5,100	7.0	4,300	5.9	9,600	13.1	36260	Ogden-Clearfield, UT

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(Number and percent)

			ALL S	STEM ations	S&E occ	upations	S&E-ro	elated ations	STEM mi		MSA	
PUMA name	PUMA ID	State	Number	Percent	Number	Percent	Number	Percent	Number	Percent	code	MSA title
Indiana & Armstrong Counties	4201900	Pennsylvania	17,000	26.1	1,800	2.7	6,800	10.4	8,400	13.0	38300	Pittsburgh, PA
Benton County	0500100	Arkansas	37,300	26.1	10,600	7.4	9,800	6.9	17,000	11.8	22220	Fayetteville-Springdale-Rogers, AR-MO
Houston City (South)-Between Loop I-610 & Beltway TX-8	4804617	Texas	14,600	26.1	2,800	5.0	5,300	9.5	6,500	11.6	26420	Houston-The Woodlands-Sugar Land, TX
DRCOG East Plains-Arapahoe (East) & Adams (East) Counties-Aurora City (Northeast)	0800824	Colorado	19,800	26.1	6,200	8.2	5,200	6.8	8,400	11.1	19740	Denver-Aurora-Lakewood, CO
Passaic County (North)Ringwood, Wanaque & Pompton Lakes Boroughs	3400503	New Jersey	14,700	26.1	3,100	5.4	5,500	9.8	6,100	10.9	35620	New York-Newark-Jersey City, NY-NJ-PA
Orange County (Northwest)	3602902	New York	16,200	26.1	2,900	4.7	7,100	11.5	6,100	9.9	35620	New York-Newark-Jersey City, NY-NJ-PA
Clay County (Northeast)	2900901	Missouri	15,800	26.1	3,600	6.0	6,400	10.6	5,700	9.4	28140	Kansas City, MO-KS
Morris County (North)Dover Town & Kinnelon Borough	3401501	New Jersey	17,600	26.1	4,400	6.5	7,700	11.4	5,500	8.1	35620	New York-Newark-Jersey City, NY-NJ-PA
Johnson County (Southwest)-Olathe, Gardner, Spring Hill & Edgerton Cities	2000603	Kansas	24,000	26.1	7,900	8.6	8,800	9.6	7,300	8.0	28140	Kansas City, MO-KS
Linn & Benton Counties	4100600	Oregon	26,100	26.1	7,700	7.7	10,400	10.5	7,900	8.0	10540	Albany, OR
Milwaukee County (South)	5540301	Wisconsin	15,800	26.1	5,000	8.3	6,100	10.0	4,700	7.7	33340	Milwaukee-Waukesha-West Allis, WI
Tarrant County (Southeast)Mansfield (North) & Arlington (Southwest) Cities	4802505	Texas	16,500	26.1	4,800	7.6	7,600	12.1	4,100	6.5	19100	Dallas-Fort Worth-Arlington, TX
Middlesex County (East)Malden & Medford Cities	2500508	Massachusetts	18,900	26.1	9,900	13.7	5,200	7.2	3,800	5.2	14460	Boston-Cambridge-Newton, MA-NH
Summit County (North & Northwest)Hudson, Twinsburg & Macedonia Cities	3901801	Ohio	15,300	26.1	5,100	8.7	7,400	12.7	2,700	4.7	10420	Akron, OH
Los Angeles County (South Central)Torrance City	0603761	California	15,700	26.1	6,000	10.0	7,000	11.6	2,700	4.5	31080	Los Angeles-Long Beach-Anaheim, CA
Barren River Area Development District (Outer)	2100400	Kentucky	18,700	26.0	1,300	1.8	6,200	8.7	11,100	15.5	14540	Bowling Green, KY
Racine County	5530000	Wisconsin	23,700	26.0	3,200	3.5	7,600	8.4	12,900	14.1	39540	Racine, WI
Crow Wing, Morrison, Todd & Wadena Counties	2700700	Minnesota	15,500	26.0	1,900	3.3	5,100	8.6	8,400	14.1	na	na
Ottawa County (East)	2600802	Michigan	17,700	26.0	2,700	4.0	6,300	9.2	8,700	12.8	24340	Grand Rapids-Wyoming, MI
Solano County (Northeast)Vacaville & Dixon Cities	0609503	California	16,900	26.0	2,500	3.8	6,700	10.3	7,700	11.9	46700	Vallejo-Fairfield, CA
Northwest Lower Peninsula (West)	2600500	Michigan	18,900	26.0	2,600	3.5	7,700	10.6	8,600	11.9	na	na
Central Sands–Wood, Portage, Juneau & Adams Counties	5501601	Wisconsin	23,200	26.0	4,300	4.8	8,600	9.6	10,300	11.5	na	na
Monroe County (North & West)	3600905	New York	13,500	26.0	2,900	5.6	5,100	9.8	5,400	10.5	40380	Rochester, NY
Southwest Georgia Regional Commission (North Central)-Dougherty & Lee Counties	1300900	Georgia	12,900	26.0	2,000	4.0	5,700	11.4	5,200	10.5	10500	Albany, GA
Okaloosa County	1209100	Florida	23,300	26.0	6,100	6.8	8,300	9.3	8,800	9.8	18880	Crestview-Fort Walton Beach-Destin, FL
Platte County	2900903	Missouri	17,300	26.0	5,400	8.1	7,200	10.8	4,700	7.1	28140	Kansas City, MO-KS
Cook County (Northwest)Palatine & Barrington Townships	1703401	Illinois	15,600	26.0	6,700	11.1	4,900	8.3	4,000	6.7	16980	Chicago-Naperville-Elgin, IL-IN-WI
Kent County (Southeast)	2601003	Michigan	23,200	26.0	7,400	8.2	10,100	11.3	5,700	6.4	24340	Grand Rapids-Wyoming, MI
Alameda County (Northeast)-Oakland (East) & Piedmont Cities	0600103	California	18,800	26.0	8,100	11.3	7,600	10.5	3,100	4.2	41860	San Francisco-Oakland-Hayward, CA
Cook County (Northeast)Northfield & New Trier Townships	1703416	Illinois	16,200	26.0	6,600	10.5	7,500	12.0	2,100	3.4	16980	Chicago-Naperville-Elgin, IL-IN-WI
West Hartford, Farmington, Simsbury, Bloomfield, Avon & Canton Towns	0900303	Connecticut	20,800	26.0	9,200	11.5	10,300	12.8	s	s	25540	Hartford-West Hartford-East Hartford, CT
Houston-Galveston Area CouncilMontgomery County (Northeast)Conroe City (East)	4804501	Texas	20,400	25.9	2,100	2.7	6,100	7.7	12,200	15.5	26420	Houston-The Woodlands-Sugar Land, TX

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			ALL S	STEM ations	S&E occ	upations	S&E-roccup	elated ations	STEM mi occup	ddle-skill ations	MSA	
PUMA name	PUMA ID	State	Number	Percent	Number	Percent	Number	Percent	Number	Percent	code	MSA title
N	0700700		10.000	25.0	4.000	0.7	0.500		7.000	4-4	47060	Virginia Beach-Norfolk-Newport News,
Northeast Albemarle Sound Region		North Carolina	13,200	25.9	1,900	3.7	3,500	6.8	7,800	15.4		VA-NC
LaPorte County	1800300	Indiana	11,700	25.9	1,500	3.4	3,500	7.7	6,700	14.8	33140	Michigan City-La Porte, IN
Northwest Georgia Regional Commission (Southwest)–Floyd, Polk & Haralson Counties	1302500	Georgia	18,900	25.9	2,400	3.2	6,200	8.5	10,300	14.1	12060	Atlanta-Sandy Springs-Roswell, GA
Robertson, Dickson, Cheatham & Hickman Counties	4700400	Tennessee	23,000	25.9	2,800	3.2	8,100	9.1	12,100	13.6	34980	Nashville-DavidsonMurfreesboro Franklin, TN
Schuylkill County	4202600	Pennsylvania	15,000	25.9	2,000	3.4	5,300	9.2	7,700	13.3	na	na
Tulsa (West), Creek (Northeast) & Osage (Southeast) CountiesTulsa City (West)	4001204	Oklahoma	20,400	25.9	4,300	5.4	6,000	7.6	10,100	12.9	46140	Tulsa, OK
Coastal Bend COGNueces CountyCorpus Christi City (Outer)	4806601	Texas	15,100	25.9	2,400	4.2	5,600	9.7	7,000	12.1	18580	Corpus Christi, TX
Nash & Edgecombe Counties-Rocky Mount City	3700900	North Carolina	16,800	25.9	2,200	3.4	6,800	10.5	7,800	12.0	40580	Rocky Mount, NC
Middle Georgia Regional Commission (North & Outside Bibb County)	1301600	Georgia	18,300	25.9	3,700	5.2	6,800	9.6	7,900	11.1	31420	Macon, GA
Harris County (Northwest)North of US-290 & North of FM-1960	4804631	Texas	17,700	25.9	4,600	6.7	5,800	8.4	7,300	10.7	26420	Houston-The Woodlands-Sugar Land, TX
Chesterfield County (Central)Chester & Rockwood	5104102	Virginia	14,800	25.9	3,300	5.7	5,500	9.6	6,000	10.6	40060	Richmond, VA
Deschutes County	4100400	Oregon	25,400	25.9	7,000	7.1	8,100	8.3	10,300	10.5	13460	Bend-Redmond, OR
NYC-Staten Island Community District 3Tottenville, Great Kills & Annadale	3603901	New York	20,700	25.9	3,000	3.8	9,600	12.0	8,000	10.1	35620	New York-Newark-Jersey City, NY-NJ-PA
Southeast Vermont-Windsor, Windham & Orange Counties	5000300	Vermont	16,800	25.9	3,600	5.5	6,900	10.6	6,300	9.8	na	na
Milwaukee County (West)	5540701	Wisconsin	23,800	25.9	6,800	7.4	8,600	9.4	8,400	9.2	33340	Milwaukee-Waukesha-West Allis, WI
Ramsey County (Central & Far Southeast)–Maplewood, Roseville & North St. Paul Cities	2701302	Minnesota	13,800	25.9	5,000	9.4	4,000	7.5	4,800	9.0	33460	Minneapolis-St. Paul-Bloomington, MN-WI
Cumberland (Outside Portland) & York (East) CountiesBiddeford & Saco Cities	2300900	Maine	19,100	25.9	5,200	7.1	8,400	11.4	5,500	7.4	38860	Portland-South Portland, ME
Hennepin County-Brooklyn Center, Golden Valley, New Hope & Robbinsdale Cities	2701404	Minnesota	14,400	25.9	5,600	10.0	4,900	8.7	4,000	7.1	33460	Minneapolis-St. Paul-Bloomington, MN-WI
Atlanta Regional Commission (Northeast)-Gwinnett County (North)-Sugar Hill City	1304002	Georgia	18,300	25.9	6,800	9.6	7,700	10.9	3,900	5.5	12060	Atlanta-Sandy Springs-Roswell, GA
Collin County (Southwest)-Dallas (North), Plano (South) & Richardson (North) Cities	4801901	Texas	19,700	25.9	9,600	12.6	6,600	8.6	3,500	4.6	19100	Dallas-Fort Worth-Arlington, TX
Webster, Hardin, Hamilton, Butler, Wright, Grundy, Franklin & Humboldt Counties	1900600	lowa	15,100	25.8	700	1.2	3,700	6.2	10,700	18.3	47940	Waterloo-Cedar Falls, IA
Elkhart CountyElkhart & Goshen Cities	1800500	Indiana	22,900	25.8	3,000	3.4	5,100	5.7	14,800	16.7	21140	Elkhart-Goshen, IN
South & Southeast Illinois	1700800	Illinois	12,900	25.8	800	1.6	4,300	8.6	7,800	15.6	16020	Cape Girardeau, MO-IL
Tuscola, Sanilac & Huron Counties	2601600	Michigan	12,800	25.8	1,500	3.1	3,800	7.6	7,500	15.2	na	na
Pinal County (Central)-Florence Town, Eloy (Northeast) & Coolidge Cities	0400805	Arizona	9,400	25.8	1,700	4.7	s	s	5,200	14.4	38060	Phoenix-Mesa-Scottsdale, AZ
Wayne & Seneca Counties	3600800	New York	14,900	25.8	2,100	3.7	4,900	8.5	7,800	13.6	40380	Rochester, NY
Wayne County	3704000	North Carolina	12,300	25.8	1,000	2.1	5,100	10.6	6,200	13.1	24140	Goldsboro, NC
Douglas, Edgar, Coles & Cumberland Counties	1700600	Illinois	11,300	25.8	2,300	5.3	3,300	7.5	5,700	13.0	na	na

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				STEM pations	S&E occ	upations		elated ations		ddle-skill ations	MSA	
PUMA name	PUMA ID	State	Number	Percent	Number	Percent	Number	Percent	Number	Percent	code	MSA title
Northeast Georgia Regional Commission (Southwest)Walton, Morgan & Jasper												
Counties	1303900	Georgia	15,100	25.8	3,300	5.6	4,400	7.6	7,400	12.7	12060	Atlanta-Sandy Springs-Roswell, GA
Big Sandy Area Development District	2101100	Kentucky	10,800	25.8	1,000	2.3	4,800	11.4	5,100	12.1	na	na
Dubuque, Buchanan, Jackson & Delaware CountiesDubuque City	1900700	lowa	19,500	25.8	3,300	4.3	7,500	10.0	8,700	11.5	20220	Dubuque, IA
San Diego County (North & East)Fallbrook, Alpine & Valley Center	0607302	California	11,800	25.8	3,400	7.5	3,600	7.8	4,800	10.6	41740	San Diego-Carlsbad, CA
West South DakotaRapid City	4600100	South Dakota	23,500	25.8	2,900	3.2	10,900	12.0	9,600	10.6	39660	Rapid City, SD
Benton & Franklin CountiesPasco, Richland (North) & West Richland Cities	5310701	Washington	15,400	25.8	5,700	9.6	3,300	5.6	6,300	10.5	28420	Kennewick-Richland, WA
Worcester & Middlesex Counties (Outside Leominster, Fitchburg & Gardner Cities)	2500400	Massachusetts	13,600	25.8	3,100	5.8	5,000	9.4	5,500	10.5	14460	Boston-Cambridge-Newton, MA-NH
St. Clair County (Northwest, Southwest & Southeast)	1701105	Illinois	11,100	25.8	2,600	6.1	4,100	9.6	4,300	10.1	41180	St. Louis, MO-IL
Washoe County (South)	3200102	Nevada	16,800	25.8	3,900	6.1	6,500	9.9	6,400	9.8	39900	Reno, NV
Kootenai County (Northwest)Coeur d'Alene, Post Falls & Hayden Cities	1600200	Idaho	21,200	25.8	4,300	5.2	9,100	11.1	7,800	9.5	17660	Coeur d'Alene, ID
Coconino County-Flagstaff City	0400400	Arizona	17,000	25.8	4,000	6.0	6,800	10.4	6,200	9.4	22380	Flagstaff, AZ
Carver & Scott (West) Counties	2701700	Minnesota	16,100	25.8	4,000	6.5	6,400	10.3	5,700	9.1	33460	Minneapolis-St. Paul-Bloomington, MN-WI
Henderson & Transylvania Counties	3702500	North Carolina	16,300	25.8	3,300	5.2	7,300	11.6	5,700	9.0	11700	Asheville, NC
El Paso County (West Central)Colorado Springs City (West)	0804102		13,200	25.8	3,400	6.6	5,400	10.5	4,400	8.6	17820	
South RegionJackson County	2802100	Mississippi	16,500	25.8	4,000	6.2	7,000	11.0	5,500	8.6	25060	Gulfport-Biloxi-Pascagoula, MS
Riverside County (Southwest)Temecula City	0606503	California	16,200	25.8	4,200	6.6	7,000	11.2	5,000	7.9	40140	Riverside-San Bernardino-Ontario, CA
Ventura County (Southeast)-Thousand Oaks City	0611102	California	17,300	25.8	6,300	9.4	6,000	8.9	5,000	7.4	37100	Oxnard-Thousand Oaks-Ventura, CA
Jefferson County (Northeast)Arvada City	0800817	Colorado	16,400	25.8	6,400	10.1	5,500	8.6	4,500	7.1	19740	Denver-Aurora-Lakewood, CO
KIPDA Area Development District (West)Louisville/Jefferson County (North Central)	2101702	Kentucky	16,600	25.8	5,300	8.3	7,200	11.2	4,000	6.3	31140	Louisville/Jefferson County, KY-IN
Saratoga County (South & Central)	3601801	New York	15,900	25.8	6,700	10.9	5,500	9.0	3,600	5.9	10580	Albany-Schenectady-Troy, NY
Allegheny County (East)Monroeville Municipality, Plum & Wilkinsburg Boroughs	4201804	Pennsylvania	21,400	25.8	5,700	6.9	11,200	13.6	4,500	5.4	38300	Pittsburgh, PA
Tooele & Box Elder Counties	4903001	Utah	16,200	25.7	2,700	4.3	s	s	10,800	17.2	36260	-
Genesee & Orleans Counties	3601000		11,600	25.7	2,000	4.6	3,000	6.6	6,500	14.6	40380	-
Madison CountyAnderson City	1801900		15,000	25.7	2,300	3.9	4,600	7.9	8,100	13.9	26900	
Riley, Geary & Pottawatomie CountiesManhattan City	2000300	Kansas	16,300	25.7	3,400	5.3	4,500	7.1	8,500	13.3	31740	Manhattan, KS
Tarrant County (East)-Arlington City (West)-South of I-30 & East of Loop I-820	4802507	Texas	14,200	25.7	2,900	5.2	4,200	7.6	7,100	12.9	19100	, , , , , , , , , , , , , , , , , , ,
Iredell (South)–Mooresville Town & Statesville City	3702900		19,700	25.7	4,200	5.5	6,000	7.8	9,500	12.4	16740	-
Monroe, Randolph, Washington, Jefferson & Marion Counties	1701001	Illinois	17,300	25.7	2,100	3.1	7,100	10.5	8,100	12.1		St. Louis, MO-IL
Middle Georgia Regional Commission (South)Houston & Pulaski Counties	1301500	Georgia	20,000	25.7	4,000	5.1	6,800	8.8	9,200	11.8		Warner Robins, GA
Oklahoma County (East)Midwest, Del & Oklahoma City (Northeast) Cities		Oklahoma	12,600		2,300	4.7	4,600	9.4	5,700	11.6		Oklahoma City, OK

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# STEM workers, by occupation group and Public Use Microdata Area: 2021

(Number and percent)

				STEM ations	S&E occi	upations	S&E-ro	elated ations	STEM mi occup	ddle-skill ations	MSA	
PUMA name	PUMA ID	State	Number	Percent	Number	Percent	Number	Percent	Number	Percent	code	MSA title
Plymouth County (Central)	2504902	Massachusetts	15,500	25.7	3,900	6.6	5,000	8.3	6,500	10.8	14460	Boston-Cambridge-Newton, MA-NH
Suffolk County (Central)Islip Town (East)	3603309	New York	12,700	25.7	2,600	5.2	4,800	9.7	5,300	10.8	35620	New York-Newark-Jersey City, NY-NJ-PA
Pinellas County (Central)Greater Pinellas Park City	1210306	Florida	14,000	25.7	2,000	3.6	6,100	11.2	5,900	10.8	45300	Tampa-St. Petersburg-Clearwater, FL
Floyd, Harrison & Washington Counties	1803500	Indiana	17,900	25.7	2,800	4.0	7,900	11.3	7,200	10.3	31140	Louisville/Jefferson County, KY-IN
Erie County (South)	3601207	New York	21,100	25.7	3,800	4.6	9,100	11.1	8,200	9.9	15380	Buffalo-Cheektowaga-Niagara Falls, NY
Houston-Galveston Area Council-Montgomery County (West)-Conroe City (West)	4804502	Texas	20,500	25.7	4,300	5.4	8,700	10.9	7,500	9.4	26420	Houston-The Woodlands-Sugar Land, TX
Capital Region Planning Commission 2East Baton Rouge Parish (South)	2201500	Louisiana	19,200	25.7	4,800	6.4	8,500	11.4	5,900	7.9	12940	Baton Rouge, LA
Cumberland County (Southeast)Portland, South Portland & Westbrook Cities	2301000	Maine	16,600	25.7	4,500	7.0	7,300	11.2	4,800	7.5	38860	Portland-South Portland, ME
DuPage County (East Central)York Township	1703205	Illinois	16,000	25.7	3,200	5.2	8,600	13.8	4,200	6.7	16980	Chicago-Naperville-Elgin, IL-IN-WI
San Antonio City (North), Hollywood Park Town & Shavano Park City	4805911	Texas	17,300	25.7	5,100	7.7	8,200	12.2	3,900	5.9	41700	San Antonio-New Braunfels, TX
Jackson County (South Central)	2901004	Missouri	15,100	25.7	4,900	8.3	6,800	11.6	3,400	5.8	28140	Kansas City, MO-KS
Washington CountyJohnson City	4701300	Tennessee	15,900	25.7	3,300	5.4	9,000	14.6	3,600	5.8	27740	Johnson City, TN
Portland City (North & Northeast)	4101301	Oregon	17,400	25.7	6,100	9.1	7,500	11.1	3,800	5.6	38900	Portland-Vancouver-Hillsboro, OR-WA
New London County (South)	0901101	Connecticut	15,300	25.7	5,800	9.8	6,200	10.4	3,300	5.5	35980	Norwich-New London, CT
Los Angeles County (West Central)LA City (West Central/Westwood & West Los Angeles)	0603729	California	24,100	25.7	11,600	12.4	8,500	9.1	4,000	4.2	31080	Los Angeles-Long Beach-Anaheim, CA
Ionia, Montcalm, Mecosta & Osceola Counties	2601100	Michigan	21,100	25.6	2,100	2.5	4,400	5.3	14,700	17.7	24340	Grand Rapids-Wyoming, MI
East Central Kansas	2001400	Kansas	12,200	25.6	1,400	2.9	3,300	6.9	7,500	15.8	28140	Kansas City, MO-KS
North Central & Northwest Nebraska	3100100	Nebraska	12,600	25.6	700	1.4	4,400	9.0	7,400	15.1	na	na
Albuquerque City (Southwest Mesa) & Bernalillo County (Southwest Mesa & South Valley)	3500806	New Mexico	12,200	25.6	1,400	3.0	3,600	7.6	7,100	14.9	10740	Albuquerque, NM
Collier County (East)	1202103	Florida	14,900	25.6	2,200	3.8	4,300	7.5	8,300	14.3	34940	Naples-Immokalee-Marco Island, FL
Cullman & Winston Counties	0100700	Alabama	12,900	25.6	1,500	2.9	4,300	8.5	7,100	14.2	na	na
Hernando County	1205301	Florida	20,300	25.6	1,200	1.5	8,200	10.3	11,000	13.9	45300	Tampa-St. Petersburg-Clearwater, FL
Berrien County	2602400	Michigan	17,000	25.6	3,600	5.4	6,100	9.2	7,300	11.0	35660	Niles-Benton Harbor, MI
Butler County	4201600	Pennsylvania	24,000	25.6	5,800	6.2	8,500	9.0	9,700	10.4	38300	Pittsburgh, PA
Tulsa County (Southeast)Tulsa (Southeast) & Broken Arrow (West) Cities	4001202	Oklahoma	26,100	25.6	6,200	6.1	10,600	10.4	9,300	9.1	46140	Tulsa, OK
Cabarrus County (West)-Concord, Kannapolis Cities & Harrisburg Town	3703200	North Carolina	22,100	25.6	5,800	6.7	9,200	10.7	7,100	8.2	16740	Charlotte-Concord-Gastonia, NC-SC
Lucas (West) & Wood (North Central) CountiesPerrysburg, Sylvania & Maumee Cities	3900300	Ohio	19,300	25.6	5,100	6.8	8,200	10.9	6,000	7.9	45780	Toledo, OH
Phoenix City (Northeast)	0400113		13,700	25.6	5,000	9.3	5,400	10.0	3,400	6.3		Phoenix-Mesa-Scottsdale, AZ
Lake County (East Central)Warren, Libertyville (North & East) & Shields Townships	1703309		17,900	25.6	7,100	10.1	6,900	9.9	3,900	5.6		Chicago-Naperville-Elgin, IL-IN-WI
Hennepin County-Bloomington & Richfield Cities		Minnesota	16,200	25.6	7,000	11.0	6,000	9.5	3,200	5.1	33460	Minneapolis-St. Paul-Bloomington, MN-

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				STEM ations	S&E occ	upations	S&E-re	elated ations		iddle-skill ations	MSA	
PUMA name	PUMA ID	State	Number	Percent	Number	Percent	Number	Percent	Number	Percent	code	MSA title
Washington County (Northeast)-Beaverton City (East & Central) & Cedar Mill	4101324	Oregon	15,700	25.6	6,700	10.9	6,400	10.4	2,600	4.3	38900	Portland-Vancouver-Hillsboro, OR-WA
Milwaukee County (Northeast)	5540101	Wisconsin	16,500	25.6	5,500	8.5	8,400	12.9	2,700	4.1	33340	Milwaukee-Waukesha-West Allis, WI
St. Joseph & Branch Counties	2602200	Michigan	11,100	25.5	1,200	2.7	2,500	5.8	7,500	17.1	na	na
Wayne County	3902000	Ohio	13,100	25.5	1,800	3.5	3,000	5.8	8,300	16.2	na	na
Noble, DeKalb, LaGrange & Steuben Counties	1800600	Indiana	19,800	25.5	2,400	3.1	5,900	7.7	11,400	14.8	na	na
Cherokee, Sequoyah & Adair Counties	4000200	Oklahoma	10,400	25.5	1,300	3.1	3,600	8.9	5,500	13.4	22900	Fort Smith, AR-OK
Coastal Regional Commission (North)Bulloch, Effingham & Screven Counties	1300300	Georgia	18,400	25.5	3,000	4.2	5,900	8.2	9,500	13.1	42340	Savannah, GA
Laramie & Albany Counties	5600300	Wyoming	16,900	25.5	3,600	5.4	5,700	8.6	7,600	11.5	16940	Cheyenne, WY
Sioux Falls City	4600600	South Dakota	26,600	25.5	6,000	5.7	9,500	9.1	11,200	10.7	43620	Sioux Falls, SD
Salt Lake CountyWest Jordan (West), Herriman & South Jordan (West) Cities	4935006	Utah	19,700	25.5	5,700	7.4	5,900	7.7	8,000	10.4	41620	Salt Lake City, UT
San Joaquin County (South)Tracy, Manteca & Lathrop Cities	0607703	California	26,100	25.5	5,700	5.6	9,800	9.6	10,600	10.4	44700	Stockton-Lodi, CA
Summit County (East Central)Cuyahoga Falls (Southeast), Stow & Tallmadge Cities	3901802	Ohio	13,300	25.5	3,000	5.8	5,000	9.6	5,300	10.1	10420	Akron. OH
Will County (Northwest Central)-Plainfield & Lockport Townships	1703105		16,900	25.5	5,400	8.1	5,500	8.3	6,000	9.1		Chicago-Naperville-Elgin, IL-IN-WI
Monroe County-Bloomington City	1802800		16,800	25.5	5,700	8.7	5,300	8.0	5,800	8.8		Bloomington, IN
Northern New HampshireGrafton & Coos Counties		New Hampshire	15,200	25.5	3,600	6.1	6,700	11.2	4,900	8.2		na
Orange County (North)Yorba Linda, La Habra & Brea Cities		California	24,100	25.5	7,400	7.8	10,500	11.1	6,300	6.6		Los Angeles-Long Beach-Anaheim, CA
Norfolk County (Central)Randolph, Norwood, Dedham, Canton & Holbrook Towns	2503602	Massachusetts	16,100	25.5	5,600	8.9	6,600	10.5	3,800	6.0	14460	Boston-Cambridge-Newton, MA-NH
Broward CountyWeston, Pembroke Pines (Northwest) Cities & Southwest Ranches Town	1201111	Florida	16,000	25.5	6,000	9.5	7,600	12.1	2,500	3.9	33100	Miami-Fort Lauderdale-West Palm Beach
Somerset County (North & West)	3401001	New Jersey	13,600	25.5	4,900	9.2	6,900	13.0	s	3.4	35620	New York-Newark-Jersey City, NY-NJ-PA
Arlington County (North)	5101301	Virginia	18,100	25.5	11,600	16.3	4,600	6.5	1,900	2.6	47900	Washington-Arlington-Alexandria, DC-VA MD-WV
East Texas COG (Northwest)Van Zandt, Wood, Camp & Rains Counties	4801300	Texas	13,300	25.4	1,900	3.7	3,900	7.4	7,500	14.3	na	na
Pierce County (East Central)Puyallup City & South Hill	5311506	Washington	18,400	25.4	4,500	6.2	4,000	5.5	9,900	13.7	42660	Seattle-Tacoma-Bellevue, WA
Calhoun & Barry Counties	2602000	Michigan	20,500	25.4	3,200	3.9	7,800	9.6	9,600	11.9	12980	Battle Creek, MI
Fairfield County	3903900	Ohio	18,600	25.4	3,000	4.0	7,800	10.7	7,800	10.7	18140	Columbus, OH
Washington County (North)–Washington City	4204001	Pennsylvania	18,300	25.4	3,100	4.2	8,100	11.2	7,200	10.0	38300	Pittsburgh, PA
Benton County (East Central)-Kennewick & Richland (South) Cities	5310702	Washington	14,200	25.4	3,400	6.1	5,400	9.6	5,400	9.7	28420	Kennewick-Richland, WA
Tucson City (Northeast)	0400206	Arizona	12,300	25.4	3,800	7.8	4,100	8.5	4,400	9.1	46060	Tucson, AZ
Wright County	2701800	Minnesota	18,900	25.4	3,400	4.6	9,000	12.1	6,500	8.7	33460	Minneapolis-St. Paul-Bloomington, MN-WI
Ventura County (South Central)-Camarillo & Moorpark Cities	0611106		15,400	25.4	5,300	8.8	4,800	8.0	5,200	8.6	37100	
Dane County (East)		Wisconsin	28,300	25.4	9,900	8.8	9,900	8.9	8,500	7.7		Madison, WI

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PUMA name	PUMA ID	State	Number	Percent	Number	Percent	Number	Percent	Number	Percent	code	MSA title
Baltimore County-Pikesville (South), Lochearn, Cockeysville & Mays Chapel	2400503	Maryland	16,400	25.4	5,800	9.0	5,700	8.8	4,900	7.6	12580	Baltimore-Columbia-Towson, MD
Champaign CountyChampaign & Urbana Cities	1702100	Illinois	25,500	25.4	7,500	7.5	10,600	10.6	7,300	7.3	16580	Champaign-Urbana, IL
Woburn, Melrose Cities, Saugus, Wakefield & Stoneham Towns	2502800	Massachusetts	20,700	25.4	8,500	10.5	7,000	8.6	5,200	6.4	14460	Boston-Cambridge-Newton, MA-NH
Charlotte City (Central)	3703101	North Carolina	19,600	25.4	8,400	10.9	6,500	8.5	4,700	6.0	16740	Charlotte-Concord-Gastonia, NC-SC
Barron, Polk, Clark & Chippewa (North) Counties	5555101	Wisconsin	16,300	25.3	1,300	2.1	4,300	6.7	10,600	16.5	20740	Eau Claire, WI
Dodge & Jefferson Counties	5501001	Wisconsin	22,800	25.3	2,400	2.6	6,400	7.1	14,000	15.5	na	na
Jo Daviess, Carroll, Whiteside & Lee Counties	1700104	Illinois	14,100	25.3	1,400	2.6	4,500	8.1	8,100	14.6	na	na
Georgia Mountains Regional Commission (North & Northwest)	1303200	Georgia	14,500	25.3	2,300	3.9	4,100	7.1	8,200	14.3	12060	Atlanta-Sandy Springs-Roswell, GA
Grady, McClain & Pottawatomie (South) Counties	4001101	Oklahoma	12,900	25.3	700	1.4	5,000	9.8	7,200	14.2	36420	Oklahoma City, OK
Somerset, Bedford & Fulton Counties	4203800	Pennsylvania	14,400	25.3	1,100	1.9	5,300	9.3	8,000	14.1	na	na
Northwest Lower Peninsula (East)	2600400	Michigan	16,700	25.3	2,500	3.8	5,100	7.8	9,100	13.8	na	na
Fond du Lac & Calumet Counties	5501401	Wisconsin	20,900	25.3	2,800	3.4	7,100	8.6	10,900	13.3	11540	Appleton, WI
Anne Arundel County (North)—Glen Burnie, Pasadena, Ferndale & Brooklyn Park	2401202	Maryland	15,600	25.3	4,300	6.9	3,500	5.7	7,800	12.7	12580	Baltimore-Columbia-Towson, MD
Sussex County	3401600	New Jersey	18,600	25.3	4,700	6.5	6,200	8.5	7,600	10.4	35620	New York-Newark-Jersey City, NY-NJ-PA
Sumner CountyHendersonville City	4700500	Tennessee	24,100	25.3	4,100	4.3	10,100	10.6	9,900	10.4	34980	Nashville-Davidson–Murfreesboro Franklin, TN
El Paso (Outside Colorado Springs City) & Teller CountiesFountain City	0804101	Colorado	14,000	25.3	3,500	6.3	4,900	8.9	5,600	10.1	17820	Colorado Springs, CO
Northern Shenandoah Valley Regional Commission (North)	5151084	Virginia	16,700	25.3	3,700	5.6	6,800	10.2	6,300	9.5	47900	Washington-Arlington-Alexandria, DC-VA- MD-WV
Rensselaer CountyTroy City	3601900	New York	19,200	25.3	4,500	5.9	7,600	10.1	7,000	9.3	10580	Albany-Schenectady-Troy, NY
Oklahoma County (Northeast)Edmond & Oklahoma City (North Central) Cities	4001003	Oklahoma	19,600	25.3	4,500	5.7	8,100	10.4	7,100	9.2	36420	Oklahoma City, OK
Alameda County (Central)Hayward City	0600107	California	20,600	25.3	6,300	7.7	7,600	9.4	6,700	8.3	41860	San Francisco-Oakland-Hayward, CA
Palm Beach County (Northeast)	1209901	Florida	13,000	25.3	3,400	6.6	6,100	11.9	3,500	6.8	33100	Miami-Fort Lauderdale-West Palm Beach FL
San Bernardino County (Southwest)-Rancho Cucamonga City	0607111	California	19,200	25.3	5,500	7.3	8,700	11.4	5,000	6.6	40140	Riverside-San Bernardino-Ontario, CA
Johnson Countylowa City	1901100	lowa	22,300	25.3	5,900	6.7	10,700	12.1	5,800	6.5	26980	Iowa City, IA
Denver City (South Central)	0800814	Colorado	18,700	25.3	8,800	12.0	7,200	9.8	2,600	3.5	19740	Denver-Aurora-Lakewood, CO
Boston City-Dorchester & South Boston	2503303	Massachusetts	17,900	25.3	7,900	11.2	7,900	11.1	2,100	3.0	14460	Boston-Cambridge-Newton, MA-NH
Highland, Clinton & Adams Counties	3905200	Ohio	12,400	25.2	1,300	2.7	3,700	7.6	7,300	14.9	na	na
Heart of Georgia Altamaha Regional Commission (Southeast)	1301200	Georgia	13,600	25.2	1,600	3.0	4,200	7.8	7,800	14.4	na	na
Jefferson County (South)	2902002	Missouri	13,700	25.2	2,400	4.5	3,700	6.9	7,500	13.8	41180	St. Louis, MO-IL
Cumberland County (South)Vineland & Millville Cities	3402400	New Jersey	11,100	25.2	1,100	2.4	4,300	9.8	5,700	12.9	47220	Vineland-Bridgeton, NJ
Rutherford County (North)Smyrna Town & La Vergne City	4702401	Tennessee	19,200	25.2	3,800	4.9	5,800	7.7	9,600	12.6	34980	Nashville-Davidson–Murfreesboro Franklin, TN
Napa CountyNapa City	0605500	California	16,200	25.2	2,300	3.6	5,900	9.1	8,000	12.5	34900	Napa, CA

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PUMA name	PUMA ID	State	Number	Percent	Number	Percent	Number	Percent	Number	Percent	code	MSA title
Butler County (North & West)Middletown, Oxford & Trenton Cities	3905403	Ohio	14,400	25.2	3,400	5.8	4,200	7.3	6,900	12.0	17140	Cincinnati, OH-KY-IN
Wayne County (Southeast)Downriver Area (North)	2603207	Michigan	12,100	25.2	1,900	4.0	4,500	9.2	5,700	11.9	19820	Detroit-Warren-Dearborn, MI
Ocean County (Northwest)	3401204	New Jersey	11,600	25.2	2,600	5.7	3,900	8.5	5,000	10.9	35620	New York-Newark-Jersey City, NY-NJ-PA
Thomas Jefferson Planning District Commission (South & East)	5151089	Virginia	15,000	25.2	2,600	4.5	6,300	10.7	6,000	10.1	16820	Charlottesville, VA
Sagadahoc & Cumberland (North) CountiesBath City & Brunswick	2300700	Maine	14,000	25.2	2,600	4.6	6,000	10.7	5,500	9.9	38860	Portland-South Portland, ME
Arapahoe County (West)Aurora (Southwest) & Centennial (East) Cities	0800808	Colorado	15,500	25.2	4,900	8.0	5,200	8.4	5,500	8.9	19740	Denver-Aurora-Lakewood, CO
Middlesex County	0900700	Connecticut	21,400	25.2	5,600	6.6	8,400	9.9	7,400	8.8	25540	Hartford-West Hartford-East Hartford, CT
Clark County (Southeast)Vancouver (East), Camas & Washougal Cities	5311103	Washington	13,800	25.2	3,600	6.5	5,400	9.9	4,800	8.8	38900	Portland-Vancouver-Hillsboro, OR-WA
Anoka County (Southwest)Coon Rapids, Fridley & Columbia Heights Cities	2701102	Minnesota	16,300	25.2	4,900	7.6	6,000	9.4	5,400	8.3	33460	Minneapolis-St. Paul-Bloomington, MN-
Orange County (South Central)-Mission Viejo & Rancho Santa Margarita (West) Cities		California	13,100	25.2	4,800	9.2	4,500	8.6	3,800	7.4		Los Angeles-Long Beach-Anaheim, CA
Atlanta Regional Commission (Northwest)Cobb County (Southwest)Powder Springs City	1303003	Georgia	18,000	25.2	5,300	7.4	7,500	10.6	5,200	7.2	12060	Atlanta-Sandy Springs-Roswell, GA
Marion CountyCenter TownshipIndianapolis City (Central)	1802305	Indiana	18,300	25.2	7,400	10.1	5,800	8.0	5,100	7.0	26900	Indianapolis-Carmel-Anderson, IN
Oklahoma County (Central)Oklahoma City (Central)	4001006	Oklahoma	13,600	25.2	4,100	7.6	5,800	10.7	3,700	6.9	36420	Oklahoma City, OK
Mercer County (North)Princeton Borough	3402302	New Jersey	18,800	25.2	7,900	10.6	6,900	9.3	3,900	5.3	45940	Trenton, NJ
Salt Lake County (South & East Central)Draper (Northwest) & Sandy (South) Cities	4935009	Utah	13,100	25.2	5,800	11.2	4,600	8.8	2,700	5.2	41620	Salt Lake City, UT
Chicago City (North)-Lake View & Lincoln Park	1703502		29,200	25.2	15,500	13.3	11,300	9.7	s	s	16980	-
Southwest Nebraska		Nebraska	12,700	25.1	900	1.7	3,500	6.9	8,300	16.5	na	, ,
Marinette, Oconto, Door & Florence Counties	5501300	Wisconsin	13,100	25.1	1,600	3.1	3,800	7.2	7,700	14.7	24580	Green Bay, WI
Capital Region Planning Commission 1–Baton Rouge Metropolitan Area (West)	2201400	Louisiana	10,500	25.1	1,400	3.3	3,400	8.2	5,700	13.5	12940	Baton Rouge, LA
North Central Oregon—The Dalles City	4100200	Oregon	13,200	25.1	2,300	4.5	4,100	7.8	6,800	12.8	na	na
Laclede, Polk, Benton, Dallas & Hickory Counties	2901300	Missouri	10,900	25.1	1,100	2.4	4,300	10.0	5,500	12.7	44180	Springfield, MO
Warren, Jasper, Marion, Dallas (West) & Madison Counties	1901400	lowa	20,600	25.1	5,200	6.3	5,400	6.6	10,000	12.2	19780	Des Moines-West Des Moines, IA
Vanderburgh CountyEvansville City	1803300	Indiana	22,200	25.1	2,900	3.3	8,700	9.8	10,600	12.0	21780	Evansville, IN-KY
Dodge, Cass, Saunders & Washington Counties	3100701	Nebraska	12,800	25.1	2,700	5.2	4,100	7.9	6,100	11.9	36540	Omaha-Council Bluffs, NE-IA
Lycoming & Clinton Counties	4200900	Pennsylvania	16,700	25.1	3,000	4.6	6,500	9.9	7,100	10.6	48700	Williamsport, PA
Mobile City (West)	0102702	Alabama	13,300	25.1	2,600	4.9	5,200	9.7	5,500	10.4	33660	Mobile, AL
Whatcom CountyBellingham City	5310100	Washington	27,100	25.1	6,800	6.3	10,300	9.6	10,000	9.3	13380	Bellingham, WA
Jefferson County (West)Bessemer, Hueytown & Pleasant Grove Cities	0101305	Alabama	12,700	25.1	2,600	5.1	5,500	11.0	4,500	9.0	13820	Birmingham-Hoover, AL
Austin City (Southeast)	4805304	Texas	19,500	25.1	7,600	9.8	5,300	6.9	6,600	8.5	12420	Austin-Round Rock, TX
Philadelphia City (Far Northeast)	4203201	Pennsylvania	16,200	25.1	3,500	5.4	8,500	13.2	4,200	6.5	37980	Philadelphia-Camden-Wilmington, PA-NJ- DE-MD

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# STEM workers, by occupation group and Public Use Microdata Area: 2021

(Number and percent)

			ALL S	STEM ations	S&E occi	upations	S&E-roccup	elated ations		iddle-skill ations	MSA	
PUMA name	PUMA ID	State	Number	Percent	Number	Percent	Number	Percent	Number	Percent	code	MSA title
Sacramento County (South)-Galt, Isleton Cities & Delta Region	0606711	California	14,500	25.1	4,700	8.1	6,500	11.2	3,400	5.8	40900	SacramentoRosevilleArden-Arcade, CA
Cuyahoga County (East)Lyndhurst, Mayfield Heights, Shaker Heights & Solon		_										
Cities	3900910		17,300	25.1	3,500	5.1	10,000	14.6	3,800	5.5		Cleveland-Elyria, OH
Nassau County (East Central)Oyster Bay Town (Central)	3603203	New York	12,700	25.1	3,900	7.8	6,000	11.9	2,700	5.3	35620	New York-Newark-Jersey City, NY-NJ-PA
Atlanta Regional Commission-DeKalb County-Decatur & Avondale Estates	1000000	Coordia	16 200	05.1	7 200	11 1	6 500	10.0	2.600	2.0	10060	Atlanta Candu Caringa Daguall CA
Cities  Phoenic City, Manuala (Foot)	1302002	-	16,300	25.1 25.0	7,200	11.1	6,500	10.0	2,600	3.9 19.3	12060	7 1 3
Phoenix CityMaryvale (East)	0400122	Arizona	12,200	25.0	S	S	S	4.9	9,400	19.3	38060	Prioenix-Mesa-Scottsdale, AZ
Southeast Heartland-Highlands (South & East), Okeechobee, Hendry & Glades Counties	1209300	Florida	9,600	25.0	s	s	s	s	7,000	18.3	42700	Sebring, FL
Bremer, Winneshiek, Fayette, Clayton, Allamakee, Chickasaw & Howard Counties			14,200	25.0	500	0.9	4,400	7.7	9,300	16.3	47940	
Chicago City (Southwest)-Brighton Park, New City, Bridgeport & McKinley Park	1703526		17,900	25.0	4,200	5.8	S		10,900	15.3	16980	
Taney, Barry, Stone & McDonald Counties		Missouri	14,200	25.0	1,500	2.7	4,800	8.5	7,900	13.9	22220	
Kisatchie Delta Regional Planning & Development District 1		Louisiana	9,800	25.0	S	s	4,200	10.8	5,400	13.6	10780	Alexandria, LA
							,		,			Minneapolis-St. Paul-Bloomington, MN-
St. Croix & Dunn Counties	5555102	Wisconsin	17,900	25.0	3,400	4.7	5,100	7.1	9,400	13.2	33460	WI
Blair & Huntingdon CountiesAltoona City	4202200	Pennsylvania	17,400	25.0	2,300	3.3	6,100	8.7	9,100	13.0	11020	Altoona, PA
Jackson, Hocking, Pike & Vinton Counties	3904900	Ohio	9,700	25.0	500	1.3	4,300	11.2	4,800	12.5	18140	Columbus, OH
Dallas County (Northeast)Garland (Northwest) & Richardson (East) Cities	4802308	Texas	13,100	25.0	4,100	7.9	2,800	5.3	6,200	11.8	19100	Dallas-Fort Worth-Arlington, TX
Los Angeles County (North/Unincorporated)Castaic	0603701	California	14,700	25.0	2,700	4.6	5,100	8.6	6,900	11.7	31080	Los Angeles-Long Beach-Anaheim, CA
Jefferson County (Northeast)Trussville, Center Point & Gardendale Cities	0101304	Alabama	19,300	25.0	3,500	4.5	7,300	9.5	8,500	11.0	13820	Birmingham-Hoover, AL
Alamo Area COG (Northwest) & Blanco County	4806000	Texas	15,200	25.0	2,200	3.6	6,400	10.6	6,600	10.8	41700	San Antonio-New Braunfels, TX
Craighead (West), Greene, Randolph, Lawrence & Clay Counties	0500500	Arkansas	20,800	25.0	2,300	2.8	9,500	11.3	9,000	10.8	27860	Jonesboro, AR
Honolulu County–East Honolulu to Kapahulu	1500303	Hawaii	12,800	25.0	3,000	5.8	4,800	9.3	5,100	9.9	46520	Urban Honolulu, HI
Adams (West) & Jefferson (Far Northeast) CountiesWestminster & Northglenn Cities	0800805	Colorado	15,800	25.0	5,200	8.2	4,700	7.5	5,900	9.2	19740	Denver-Aurora-Lakewood, CO
Sonoma County (Central)–Santa Rosa City	0609703	California	22,000	25.0	4,100	4.7	10,300	11.7	7,600	8.7	42220	Santa Rosa, CA
King County (Southeast)Maple Valley, Covington & Enumclaw Cities	5311615	Washington	15,400	25.0	5,500	8.8	4,800	7.8	5,200	8.4	42660	Seattle-Tacoma-Bellevue, WA
Maricopa CountyTempe City (North)	0400109	Arizona	17,900	25.0	8,000	11.2	4,800	6.7	5,100	7.1	38060	Phoenix-Mesa-Scottsdale, AZ
Bergen County (South Central)-Hackensack & Englewood (West) Cities	3400301	New Jersey	15,000	25.0	3,800	6.3	7,100	11.9	4,100	6.9	35620	New York-Newark-Jersey City, NY-NJ-PA
Dakota County (West)Burnsville & Apple Valley Cities	2701503	Minnesota	15,000	25.0	5,800	9.7	5,300	8.8	3,800	6.4	33460	Minneapolis-St. Paul-Bloomington, MN-WI
Alexandria City	5151255	Virginia	23,300	25.0	11,100	11.9	8,100	8.7	4,100	4.4	47900	Washington-Arlington-Alexandria, DC-VA-MD-WV
DeKalb & Jackson Counties	0100400	Alabama	12,100	24.9	1,200	2.5	3,000	6.2	7,900	16.2	na	na
Chicago City (Southwest)Gage Park, Garfield Ridge & West Lawn	1703527	Illinois	16,400	24.9	2,400	3.6	3,900	5.9	10,200	15.4	16980	Chicago-Naperville-Elgin, IL-IN-WI
Clinton, Muscatine, Jones & Cedar Counties	1900800	lowa	14,400	24.9	1,500	2.6	4,200	7.3	8,700	15.0	16300	Cedar Rapids, IA

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PUMA name	PUMA ID	State	Number	Percent	Number	Percent	Number	Percent	Number	Percent	code	MSA title
Harnett County	3703800	North Carolina	13,100	24.9	2,000	3.8	3,500	6.6	7,600	14.4	na	na
Lauderdale, Colbert, Franklin & Marion (Northeast) Counties	0100100	Alabama	20,300	24.9	2,600	3.2	6,300	7.8	11,400	14.0	22520	Florence-Muscle Shoals, AL
Stanislaus County (Northeast)Turlock, Riverbank, Oakdale & Waterford Cities	0609903	California	19,200	24.9	2,800	3.6	6,000	7.8	10,400	13.4	33700	Modesto, CA
Howard, Cass & Tipton CountiesKokomo City	1801300	Indiana	14,200	24.9	1,400	2.4	5,700	10.0	7,100	12.5	29020	Kokomo, IN
Cayuga & Onondaga (South) Counties	3600704	New York	12,200	24.9	1,800	3.6	4,800	9.7	5,700	11.6	45060	Syracuse, NY
Wilson & Greene Counties-Wilson City	3701000	North Carolina	9,500	24.9	s	s	4,500	11.8	4,400	11.4	na	na
Litchfield County	0900500	Connecticut	21,800	24.9	3,700	4.3	8,200	9.3	9,900	11.3	na	na
Clark County (West Central)-Salmon Creek & Hazel Dell	5311102	Washington	15,400	24.9	3,400	5.6	5,100	8.2	6,900	11.1	38900	Portland-Vancouver-Hillsboro, OR-WA
Otsego, Schoharie, Oneida (South) & Herkimer (South) Counties	3600403	New York	11,700	24.9	2,300	5.0	4,200	9.0	5,200	11.0	10580	Albany-Schenectady-Troy, NY
Bluegrass Area Development District (Northeast)	2102300	Kentucky	15,900	24.9	3,400	5.4	5,600	8.8	6,900	10.8	30460	Lexington-Fayette, KY
Worcester County (South)	2500304	Massachusetts	19,800	24.9	4,600	5.7	7,000	8.8	8,200	10.4	49340	Worcester, MA-CT
Northern Kentucky Area Development District (Northwest)Boone County	2102500	Kentucky	17,200	24.9	4,900	7.2	5,100	7.4	7,100	10.3	17140	Cincinnati, OH-KY-IN
Penobscot County	2300300	Maine	18,200	24.9	3,300	4.6	7,400	10.1	7,500	10.3	12620	Bangor, ME
Sheboygan County	5502500	Wisconsin	14,100	24.9	1,900	3.4	6,500	11.5	5,700	10.1	43100	Sheboygan, WI
Anchorage Municipality (South)	0200102	Alaska	18,900	24.9	5,200	6.8	6,200	8.2	7,500	9.9	11260	Anchorage, AK
Shelby County (North)-Bartlett (North & East) & Millington Cities	4703204	Tennessee	10,800	24.9	2,300	5.4	4,600	10.6	3,800	8.9	32820	Memphis, TN-MS-AR
Houston City (North Central)North of I-10 & Inside Loop I-610	4804601	Texas	17,100	24.9	6,000	8.8	5,500	8.1	5,500	8.0	26420	Houston-The Woodlands-Sugar Land, TX
Virginia Beach City (Central)	5151165	Virginia	21,600	24.9	7,400	8.5	7,200	8.3	7,000	8.0	47260	Virginia Beach-Norfolk-Newport News, VA-NC
Sedgwick (Northeast) & Butler (North & East) CountiesWichita City (Northeast)	2001302	-	20,200	24.9	5,000	6.1	8,800	10.8	6,500	8.0		Wichita, KS
South Rhode IslandWashington County	4400400		16,200	24.9	4,800	7.4	6,400	9.9	4,900	7.6		Providence-Warwick, RI-MA
Collin County (East)	4801907	Texas	24,500	24.9	9,000	9.1	8,200	8.3	7,300	7.4	19100	Dallas-Fort Worth-Arlington, TX
Montgomery County (Northwest)Pottstown Borough	4203101		18,500	24.9	7,100	9.5	6,000	8.0	5,500	7.3		Philadelphia-Camden-Wilmington, PA-NJ- DE-MD
Mecklenburg County (South)-Matthews Town (South)	3703108	North Carolina	19,900	24.9	8,000	10.1	6,600	8.3	5,300	6.6	16740	Charlotte-Concord-Gastonia, NC-SC
Santa Barbara County-South Coast Region	0608303		25,400	24.9	8,800	8.6	10,400	10.2	6,300	6.2	42200	-
Baltimore CountyTowson (East & Central), Parkville & Carney	2400504	Maryland	14,400	24.9	4,700	8.1	6,300	10.9	3,400	5.9	12580	Baltimore-Columbia-Towson, MD
Brown, Lyon, Redwood, Chippewa, Yellow Medicine, Lac qui Parle & Lincoln Counties		Minnesota	11,800	24.8	500	1.0	3,600	7.5	7,800	16.3	na	na
Permian Basin Regional Planning Commission (Central)–Ector County–Odessa City	4803100	Texas	17,400	24.8	1,100	1.6	6,300	8.9	10,000	14.3	36220	Odessa, TX
Des Moines, Lee, Henry & Louisa Counties	1902300	lowa	11,600	24.8	1,800	3.8	3,200	6.9	6,600	14.1	na	na
Lake County (Central)	1800103	Indiana	13,100	24.8	2,500	4.7	4,300	8.1	6,300	12.0	16980	Chicago-Naperville-Elgin, IL-IN-WI
St. Lucie County (South)	1211102	Florida	26,300	24.8	3,700	3.5	10,700	10.1	11,900	11.2	38940	Port St. Lucie, FL
Greenville County (North)Greer City (North & West) & Taylors (Central & East)	4500102	South Carolina	13,800	24.8	2,200	4.0	5,400	9.8	6,100	11.1	24860	Greenville-Anderson-Mauldin, SC

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Pottawatomie (North), Logan & Lincoln CountiesShawnee City	4001102	Oklahoma	14,300	24.8	2,000	3.5	6,100	10.6	6,200	10.8	36420	Oklahoma City, OK
Allen County	3902500	Ohio	10,200	24.8	2,300	5.4	3,600	8.6	4,400	10.7	30620	Lima, OH
King County (West Central)Burien, SeaTac, Tukwila Cities & White Center	5311611	Washington	17,000	24.8	4,200	6.1	6,200	9.0	6,700	9.7	42660	Seattle-Tacoma-Bellevue, WA
San Luis Obispo County (East)-Inland Region	0607902	California	12,000	24.8	2,500	5.1	4,800	10.0	4,700	9.7	42020	San Luis Obispo-Paso Robles-Arroyo Grande, CA
Ulster County (East)	3602702	New York	17,500	24.8	3,500	5.0	7,300	10.4	6,700	9.5	28740	Kingston, NY
Orange County (Northwest)—Huntington Beach City	0605914	California	24,800	24.8	6,500	6.4	9,800	9.8	8,500	8.5	31080	Los Angeles-Long Beach-Anaheim, CA
Schenectady CountySchenectady City	3601700	New York	18,100	24.8	6,000	8.2	6,200	8.5	5,900	8.1	10580	Albany-Schenectady-Troy, NY
Prince William County (Southeast)–Dale City, Lake Ridge & Woodbridge	5151246	Virginia	32,500	24.8	11,900	9.1	10,500	8.0	10,100	7.7	47900	Washington-Arlington-Alexandria, DC-VA-MD-WV
Fresno County (North Central)Fresno City (North)	0601902	California	22,200	24.8	4,600	5.1	10,700	12.0	6,900	7.7	23420	Fresno, CA
San Bernardino County (Southwest)Chino & Chino Hills Cities	0607114	California	21,200	24.8	7,400	8.6	7,600	8.9	6,300	7.3	40140	Riverside-San Bernardino-Ontario, CA
Charleston (South & West) & Berkeley (South) Counties-Charleston City	4501202	South Carolina	28,700	24.8	7,300	6.3	13,300	11.5	8,100	7.0	16700	Charleston-North Charleston, SC
Chesterfield County (West)Brandermill & Woodlake	5104103	Virginia	16,800	24.8	5,100	7.6	7,100	10.5	4,500	6.7	40060	Richmond, VA
Monongalia & Preston Counties-Morgantown City	5400300	West Virginia	16,400	24.8	4,100	6.2	8,200	12.5	4,100	6.2	34060	Morgantown, WV
Sacramento County (West)Sacramento City (Central/Downtown & Midtown)	0606707	California	17,000	24.8	7,000	10.2	6,300	9.3	3,600	5.3	40900	SacramentoRosevilleArden-Arcade, CA
St. Louis County (Southeast)Duluth, Hermantown & Proctor Cities	2700500	Minnesota	12,400	24.8	2,900	5.8	6,900	13.8	2,600	5.2	20260	Duluth, MN-WI
Lancaster County (East)Ephrata Borough	4203503	Pennsylvania	19,900	24.7	3,200	4.0	4,200	5.2	12,500	15.5	29540	Lancaster, PA
Ottawa County (West)	2600801	Michigan	18,400	24.7	2,500	3.3	5,300	7.1	10,600	14.2	24340	Grand Rapids-Wyoming, MI
Coffee, Covington, Butler & Crenshaw Counties	0102300	Alabama	11,500	24.7	600	1.3	4,300	9.3	6,600	14.1	na	na
Canyon (East) & Ada (West) Counties-Nampa (Central & East) & Meridian (West) Cities	1600600	Idaho	19,700	24.7	4,700	5.9	s	s	10,800	13.6	14260	Boise City, ID
Defiance, Williams, Henry & Paulding Counties	3900100	Ohio	13,600	24.7	1,400	2.5	5,000	9.2	7,200	13.1	na	na
Three Rivers Region–Lafayette, Monroe, Itawamba, Chickasaw & Calhoun Counties	2800400	Mississippi	15,000	24.7	1,500	2.5	5,600	9.2	7,900	13.0	na	na
Sebastian & Crawford Counties	0501400	Arkansas	19,100	24.7	2,800	3.6	6,600	8.5	9,800	12.7	22900	Fort Smith, AR-OK
Salt Lake CountyWest Valley City (East), Taylorsville & Murray (West) Cities	4935004	Utah	16,100	24.7	4,500	6.9	3,500	5.4	8,000	12.4	41620	Salt Lake City, UT
Galveston County (Central, South & East)Galveston, Texas City & La Marque Cities	4804701	Texas	20,300	24.7	2,600	3.1	8,600	10.5	9,100	11.1	26420	Houston-The Woodlands-Sugar Land, TX
Macomb County (Southeast)St. Clair Shores, Roseville & Eastpointe Area	2603005	Michigan	15,800	24.7	3,000	4.7	5,700	9.0	7,000	11.0	19820	Detroit-Warren-Dearborn, MI
Shawnee (Outside Topeka City), Osage, Jackson, Brown & Wabaunsee Counties	2000802	Kansas	14,200	24.7	3,200	5.5	5,100	8.8	5,900	10.4	45820	Topeka, KS
San Antonio City (Northeast)-Inside Loop I-410	4805902	Texas	12,300	24.7	2,700	5.5	4,500	9.0	5,100	10.2	41700	San Antonio-New Braunfels, TX
Lancaster County-Lincoln City (South)	3100802	Nebraska	19,300	24.7	4,500	5.7	8,000	10.2	6,800	8.7	30700	Lincoln, NE
Yolo CountyDavis, Woodland & West Sacramento Cities	0611300	California	25,200	24.7	8,100	7.9	8,600	8.4	8,500	8.3	40900	SacramentoRosevilleArden-Arcade, CA
Luzerne County (East)Kingston Borough	4200801	Pennsylvania	14,600	24.7	2,400	4.0	7,300	12.4	4,900	8.3	42540	ScrantonWilkes-BarreHazleton, PA

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PUMA name	PUMA ID	State	Number	Percent	Number	Percent	Number	Percent	Number	Percent	code	MSA title
Kent County (Central)Grand Rapids City Area	2601002	Michigan	25,500	24.7	6,500	6.3	11,700	11.3	7,300	7.1	24340	Grand Rapids-Wyoming, MI
Duval County (South Central)Jacksonville City (Southeast River)	1203106	Florida	15,700	24.7	4,600	7.2	7,000	11.0	4,200	6.6	27260	Jacksonville, FL
Phoenix (Far North) & Peoria (Northwest) Cities	0400129	Arizona	16,900	24.7	5,400	7.9	7,400	10.8	4,100	5.9	38060	Phoenix-Mesa-Scottsdale, AZ
Alameda County (Northwest)-Oakland (Northwest) & Emeryville Cities	0600102	California	24,800	24.7	11,500	11.5	7,900	7.9	5,400	5.4	41860	San Francisco-Oakland-Hayward, CA
Denver City (Southeast)	0800815	Colorado	25,700	24.7	11,200	10.7	9,400	9.0	5,200	5.0	19740	Denver-Aurora-Lakewood, CO
St. Louis County (Inner Ring South)	2901807	Missouri	20,000	24.7	6,700	8.3	9,300	11.5	4,000	4.9	41180	St. Louis, MO-IL
Cerro Gordo, Floyd, Kossuth, Hancock, Winnebago, Mitchell & Worth Counties	1900200	lowa	12,600	24.6	900	1.7	3,100	6.0	8,700	16.9	na	na
Brazos Valley COG (Outside Brazos County) & Milam County	4803601	Texas	15,700	24.6	1,600	2.4	4,500	7.1	9,600	15.0	17780	College Station-Bryan, TX
Marshall, Benton, Poweshiek, Tama & Iowa Counties	1901200	lowa	13,900	24.6	2,300	4.0	3,400	6.0	8,200	14.6	16300	Cedar Rapids, IA
San Bernardino County (West Central)Hesperia City & Apple Valley Town	0607103	California	16,200	24.6	1,800	2.7	5,300	8.0	9,200	13.9	40140	Riverside-San Bernardino-Ontario, CA
Trumbull County (South Central)Warren & Niles Cities	3901600	Ohio	11,400	24.6	1,100	2.4	4,100	8.9	6,200	13.4	49660	Youngstown-Warren-Boardman, OH-PA
Marion County–Warren & Franklin TownshipsIndianapolis City (East & Southeast)	1802306	Indiana	18,500	24.6	2,600	3.4	6,100	8.0	9,900	13.1	26900	Indianapolis-Carmel-Anderson, IN
LENOWISCO & Cumberland Plateau Planning District Commissions	5151010	Virginia	14,700	24.6	2,400	4.0	4,700	7.8	7,600	12.8	28700	Kingsport-Bristol-Bristol, TN-VA
Maury, Bedford & Marshall Counties	4702700	Tennessee	21,700	24.6	3,600	4.0	7,900	8.9	10,200	11.6	34980	Nashville-DavidsonMurfreesboro Franklin, TN
Clay, Polk, Roseau, Pennington, Marshall, Norman, Kittson & Red Lake Counties	2700100	Minnesota	18,000	24.6	3,200	4.4	6,400	8.7	8,400	11.4	22020	Fargo, ND-MN
Anderson CountyAnderson City	4500200	South Carolina	21,700	24.6	4,400	5.0	8,300	9.4	9,000	10.2	24860	Greenville-Anderson-Mauldin, SC
KIPDA Area Development District (Southeast)	2101600	Kentucky	13,400	24.6	2,000	3.7	6,000	11.1	5,300	9.8	31140	Louisville/Jefferson County, KY-IN
Beaver County (South)	4201502	Pennsylvania	17,000	24.6	3,600	5.2	6,700	9.7	6,700	9.6	38300	Pittsburgh, PA
Hudson County (South & West)Bayonne City, Kearney & Harrison Towns	3400703	New Jersey	16,400	24.6	3,500	5.2	6,600	9.9	6,300	9.5	35620	New York-Newark-Jersey City, NY-NJ-PA
Charleston, Berkeley & Dorchester CountiesNorth Charleston City	4501204	South Carolina	26,300	24.6	7,000	6.6	9,900	9.2	9,400	8.8	16700	Charleston-North Charleston, SC
Baltimore CountyPerry Hall, Middle River & Rosedale	2400505	Maryland	15,000	24.6	3,400	5.5	6,400	10.5	5,200	8.6	12580	Baltimore-Columbia-Towson, MD
Baltimore CityGuilford, Roland Park & Druid Lake	2400802	Maryland	12,500	24.6	5,000	9.9	4,500	8.8	3,000	5.9	12580	Baltimore-Columbia-Towson, MD
Clackamas County (Northwest)-Lake Oswego, West Linn, Wilsonville & Canby Cities	4101319	Oregon	13,300	24.6	4,500	8.3	6,200	11.4	2,600	4.9	38900	Portland-Vancouver-Hillsboro, OR-WA
San Mateo County (North Central)Daly City, Pacifica Cities & Colma Town	0608101	California	17,800	24.6	6,200	8.6	8,900	12.3	2,700	3.7	41860	San Francisco-Oakland-Hayward, CA
Rhea, Marion, Sequatchie, Grundy, Bledsoe & Meigs Counties	4702100	Tennessee	11,000	24.5	800	1.8	2,700	6.0	7,500	16.7	16860	Chattanooga, TN-GA
Crittenden, Mississippi & Craighead (East) Counties	0500600	Arkansas	9,700	24.5	600	1.6	3,000	7.5	6,100	15.4	27860	Jonesboro, AR
Lawrence, Henry, Vernon, Cedar, Barton, St. Clair & Dade Counties	2901200	Missouri	13,300	24.5	700	1.4	4,500	8.4	8,000	14.7	na	na
Johnson, Lafayette, Ray, Clinton & Caldwell Counties	2900800	Missouri	15,400	24.5	2,200	3.5	4,400	7.1	8,800	13.9	28140	Kansas City, MO-KS
North Central MontanaGreat Falls City	3000400	Montana	16,400	24.5	2,400	3.6	4,700	7.0	9,200	13.8	24500	Great Falls, MT
Lancaster, Chesterfield & Marlboro Counties	4500700	South Carolina	17,200	24.5	3,300	4.7	4,400	6.2	9,500	13.6	16740	Charlotte-Concord-Gastonia, NC-SC
East Texas COG (Central)Smith County (Outside Tyler City)	4801501	Texas	11,900	24.5	1,200	2.5	4,400	9.0	6,300	13.0	46340	Tyler, TX
St. Francois, Washington, Perry & Ste. Genevieve Counties	2902100	Missouri	12,500	24.5	1,300	2.6	4,700	9.2	6,400	12.7	na	na

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(Number and percent)

				STEM ations	S&E occi	upations	S&E-re	elated ations	STEM mi	ddle-skill ations	MSA	
PUMA name	PUMA ID	State	Number	Percent	Number	Percent	Number	Percent	Number	Percent	code	MSA title
Rockingham & Stokes Counties	3700300	North Carolina	13,300	24.5	2,400	4.4	4,100	7.6	6,800	12.5	24660	Greensboro-High Point, NC
Luzerne County (South Central)Wilkes-Barre & Hazleton Cities	4200802	Pennsylvania	15,200	24.5	1,800	2.8	5,700	9.2	7,800	12.5	42540	ScrantonWilkes-BarreHazleton, PA
Prince George's County (Northwest)College Park City & Langley Park	2401101	Maryland	15,600	24.5	3,700	5.9	4,300	6.8	7,500	11.8	47900	Washington-Arlington-Alexandria, DC-VA-MD-WV
Buchanan, Andrew & DeKalb Counties	2900200	Missouri	11,900	24.5	1,400	3.0	4,900	10.0	5,600	11.5	41140	St. Joseph, MO-KS
Hancock & Shelby Counties	1802500	Indiana	15,600	24.5	3,300	5.2	5,300	8.4	6,900	10.9	26900	Indianapolis-Carmel-Anderson, IN
West Montana-Missoula City	3000200	Montana	24,200	24.5	3,800	3.8	10,000	10.2	10,400	10.6	33540	Missoula, MT
Baldwin County	0102600	Alabama	26,000	24.5	5,400	5.1	9,500	9.0	11,100	10.4	19300	Daphne-Fairhope-Foley, AL
Martin County	1208500	Florida	15,500	24.5	2,600	4.1	6,500	10.2	6,500	10.2	38940	Port St. Lucie, FL
Hanover, Powhatan, Goochland, New Kent, King William & Charles City Counties	5151215	Virginia	25,900	24.5	7,400	7.0	9,000	8.5	9,600	9.0	40060	Richmond, VA
St. Joseph County (Outside South Bend City)Mishawaka City	1800402	Indiana	18,800	24.5	3,400	4.4	8,600	11.1	6,900	9.0	43780	South Bend-Mishawaka, IN-MI
East Central Region-Lauderdale, Newton & Clarke Counties-Meridian City	2801500	Mississippi	10,000	24.5	800	2.0	5,500	13.5	3,700	9.0	na	na
Sacramento County (Northwest)Sacramento City (Northwest/Natomas)	0606705	California	15,800	24.5	5,200	8.1	5,800	9.0	4,700	7.3	40900	SacramentoRosevilleArden-Arcade, CA
San Antonio City (Northwest)Between Loop TX-1604 & Loop I-410	4805910	Texas	15,800	24.5	5,000	7.8	6,200	9.6	4,500	7.1	41700	San Antonio-New Braunfels, TX
Denver City (Northeast)	0800812	Colorado	27,200	24.5	8,800	7.9	10,800	9.7	7,600	6.8	19740	Denver-Aurora-Lakewood, CO
Houston City (West)East of TX-6 & West of Beltway TX-8	4804636	Texas	16,400	24.5	5,400	8.0	6,500	9.8	4,500	6.8	26420	Houston-The Woodlands-Sugar Land, TX
Anne Arundel County (Southeast)-Annapolis City, Parole, Annapolis Neck & Edgewater	2401204	Maryland	16,800	24.5	7,100	10.3	5,200	7.5	4,600	6.6	12580	Baltimore-Columbia-Towson, MD
Douglas (Northeast) & Elbert (West) CountiesParker Town & The Pinery	0800823	Colorado	21,100	24.5	8,100	9.5	7,400	8.6	5,600	6.5	19740	Denver-Aurora-Lakewood, CO
Albuquerque City (Northwest Mesa), Paradise Hills & Navajo Nation-Tohajiilee Chapter	3500805	New Mexico	15,000	24.5	4,400	7.2	6,900	11.2	3,700	6.1	10740	Albuquerque, NM
District of Columbia (Central)	1100105	District of Columbia	27,700	24.5	19,000	16.9	7,200	6.3	s	s	47900	Washington-Arlington-Alexandria, DC-VA-MD-WV
Hoke, Richmond & Scotland Counties	3705200	North Carolina	11,400	24.4	700	1.5	3,400	7.3	7,300	15.6	22180	Fayetteville, NC
Sampson & Duplin Counties	3703900	North Carolina	11,100	24.4	500	1.2	3,700	8.1	6,900	15.1	na	na
East Texas COG (Northeast)Harrison, Upshur & Marion Counties	4801200	Texas	11,700	24.4	1,600	3.3	3,200	6.7	6,900	14.4	30980	Longview, TX
Pierce County (South Central)Tacoma City (South), Parkland & Spanaway	5311504	Washington	16,300	24.4	2,500	3.7	4,600	6.8	9,300	13.8	42660	Seattle-Tacoma-Bellevue, WA
St. Louis (North), Koochiching, Lake & Cook CountiesHibbing & Cloquet Cities	2700400	Minnesota	13,300	24.4	800	1.5	5,100	9.4	7,300	13.5	20260	Duluth, MN-WI
Crawford & Warren Counties	4200200	Pennsylvania	12,400	24.4	1,500	2.9	4,100	8.1	6,800	13.4	na	na
Capital Region Planning Commission 5–Ascension Parish	2201600	Louisiana	14,400	24.4	2,000	3.4	4,700	7.9	7,700	13.1	12940	Baton Rouge, LA
losco, Gladwin, Roscommon, Ogemaw & Arenac Counties	2601300	Michigan	9,400	24.4	500	1.4	3,900	10.2	4,900	12.8	na	na
Macon County-Decatur City	1701500	Illinois	9,700	24.4	1,000	2.5	3,600	9.2	5,000	12.7	19500	Decatur, IL
Spokane County (North Central)-Spokane City (North)	5310501	Washington	14,500	24.4	3,100	5.2	4,300	7.3	7,100	11.9	44060	Spokane-Spokane Valley, WA
Northwest Rhode IslandProvidence County (West & Central)Woonsocket City	4400101	Rhode Island	17,000	24.4	3,000	4.3	6,000	8.6	8,000	11.4	39300	Providence-Warwick, RI-MA
Phoenix City (West)	0400125	Arizona	12,800	24.4	2,600	4.9	4,300	8.3	5,900	11.2	38060	Phoenix-Mesa-Scottsdale, AZ

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			ALL S	STEM ations	S&E occi	upations	S&E-ro occup		STEM mi occup		MSA	
PUMA name	PUMA ID	State	Number	Percent	Number	Percent	Number	Percent	Number	Percent	code	MSA title
Jefferson & Lewis Counties	3600500	New York	13,000	24.4	1,700	3.3	5,300	10.0	5,900	11.2	48060	Watertown-Fort Drum, NY
Atlanta Regional CommissionCherokee County (Central)Woodstock & Canton												
Cities	1303101		18,200	24.4	4,300	5.8	6,200	8.3	7,700	10.4		Atlanta-Sandy Springs-Roswell, GA
Guilford County (South)High Point City	3701704	North Carolina	15,300	24.4	3,500	5.6	5,300	8.4	6,500	10.4	24660	Greensboro-High Point, NC
Panhandle Regional Planning Commission-Randall County-Amarillo City		_										
(South)	4800300		17,400	24.4	2,200	3.1	7,800	11.0	7,400	10.3		Amarillo, TX
Middlesex County (East Central)Perth Amboy City & Sayreville Borough		New Jersey	14,200	24.4	4,700	8.0	3,600	6.3	5,900	10.2		New York-Newark-Jersey City, NY-NJ-PA
Allegany & Garrett Counties-Cumberland City		Maryland	10,000	24.4	2,100	5.1	3,800	9.2	4,100	10.1		Cumberland, MD-WV
Ventura County (Southeast)-Simi Valley City	0611101	California	14,500	24.4	4,500	7.7	4,600	7.8	5,300	9.0	37100	Oxnard-Thousand Oaks-Ventura, CA
Atlanta Regional Commission (Northeast)Gwinnett County (South)Snellville												
City	1304005		15,700	24.4	5,300	8.3	4,700	7.3	5,600	8.7		Atlanta-Sandy Springs-Roswell, GA
Regional Planning Commission 4Jefferson Parish (Central)		Louisiana	16,900	24.4	3,900	5.6	7,100	10.3	5,900	8.5		New Orleans-Metairie, LA
Denton County (North & West)-Denton City (Outer)	4802006		26,500	24.4	8,300	7.6	10,300	9.5	7,900	7.3		Dallas-Fort Worth-Arlington, TX
St. Clair County (Central & Northeast)	1701104		16,800	24.4	5,400	7.8	6,500	9.4	4,900	7.2		St. Louis, MO-IL
Fresno County (Central)Clovis City	0601906	California	14,700	24.4	4,100	6.8	6,600	10.9	4,000	6.7	23420	Fresno, CA
D 10 1/0 1 N D 1 T 00 00	1001110	<b>-</b> 1 · 1	45000		0.500		7.00	400	4400		00400	Miami-Fort Lauderdale-West Palm Beach,
Broward County (Central)Davie Town & Cooper City	1201110		15,300	24.4	3,500	5.7	7,600	12.2	4,100	6.6	33100	
Chicago City (Northwest)Logan Square, Avondale & Hermosa	1703522		17,600	24.4	6,600	9.2	6,900	9.6	4,000	5.6		Chicago-Naperville-Elgin, IL-IN-WI
Albuquerque City (Near Northeast Heights)		New Mexico	12,500	24.4	4,000	7.9	5,700	11.0	2,800	5.5	10740	Albuquerque, NM
Leon County (Outer)	1207300	Florida	18,700	24.4	6,800	8.9	7,800	10.2	4,000	5.3	45220	Tallahassee, FL
Jefferson County (Southeast)Hoover (North), Vestavia Hills & Homewood	0101000	A1 1	00.000	04.4	6 500	7.4	44 700	10.0	4.100	4.5	10000	D: :
Cities	0101303		22,200	24.4	6,500	7.1	11,700	12.8	4,100	4.5		Birmingham-Hoover, AL
Carter, Garvin, Murray, Love & Pontotoc (West) Counties		Oklahoma	10,900		900	2.1	3,600	8.1	6,300	14.1		na
Jefferson, Jennings, Decatur & Scott Counties	1803000		12,200	24.3	1,300	2.7	4,000	8.0	6,900	13.6		Louisville/Jefferson County, KY-IN
Northwest Tennessee–Gibson, Dyer, Obion, Crockett & Lake Counties		Tennessee	14,500	24.3	900	1.6	5,500	9.2	8,100	13.5		Jackson, TN
Lewis, Klickitat & Skamania Counties		Washington	12,100	24.3	2,400	4.8	3,500	7.0	6,300	12.6	38900	Portland-Vancouver-Hillsboro, OR-WA
Ocean County (Central)Beachwood Borough		New Jersey	13,000	24.3	1,300	2.5	5,200	9.7	6,400	12.0	35620	New York-Newark-Jersey City, NY-NJ-PA
Northwest VermontChittenden, Franklin & Grand Isle CountiesBurlington City	5000100		27,600	24.3	5,400	4.7	9,200	8.1	13,000	11.4	15540	Burlington-South Burlington, VT
Portage County	3901700		18,900	24.3	4,000	5.1	6,200	8.0	8,700	11.2	10420	Akron, OH
Allen County (Central)Fort Wayne City (South)	1801001		14,600	24.3	1,900	3.1	6,300	10.5	6,400	10.7		Fort Wayne, IN
Lee County (Central)Greater Fort Myers City	1207104		12,100	24.3	1,500	3.0	5,300	10.6	5,300	10.7	15980	Cape Coral-Fort Myers, FL
New River Valley Planning District Commission	5151040	Virginia	20,500	24.3	5,800	6.9	6,300	7.4	8,400	10.0	13980	Blacksburg-Christiansburg-Radford, VA
Jackson County	2602600	Michigan	16,700	24.3	3,300	4.8	6,600	9.6	6,900	10.0	27100	Jackson, MI
St. Louis City (South)	2901902	Missouri	23,600	24.3	7,300	7.5	7,600	7.8	8,700	8.9		St. Louis, MO-IL
Suffolk County (Central)-Brookhaven Town (West Central)	3603308	New York	12,300	24.3	2,900	5.8	5,200	10.3	4,200	8.3	35620	New York-Newark-Jersey City, NY-NJ-PA

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				STEM ations	S&E occ	upations	S&E-r	elated ations		iddle-skill ations	MSA	
PUMA name	PUMA ID	State	Number	Percent	Number	Percent	Number	Percent	Number	Percent	code	MSA title
San Diego County (Northwest)Escondido City (East)	0607306	California	15,500	24.3	4,500	7.1	5,800	9.0	5,300	8.2	41740	San Diego-Carlsbad, CA
Onondaga County (North)	3600702	New York	16,200	24.3	4,300	6.5	6,500	9.8	5,400	8.1	45060	Syracuse, NY
Durham County (North)Durham City (North)	3701302	North Carolina	14,700	24.3	4,900	8.1	5,000	8.3	4,800	7.9	20500	Durham-Chapel Hill, NC
Hamden, Ansonia, Seymour, Derby, Woodbridge & Bethany Towns	0900903	Connecticut	15,100	24.3	4,400	7.1	5,800	9.3	4,900	7.8	35300	New Haven-Milford, CT
Greensboro City (North)	3701701	North Carolina	16,100	24.3	2,400	3.6	8,600	12.9	5,100	7.7	24660	Greensboro-High Point, NC
Nassau County (Central)Hempstead Town (East Central)	3603209	New York	13,600	24.3	2,800	5.0	6,600	11.8	4,200	7.5	35620	New York-Newark-Jersey City, NY-NJ-PA
Guilford County (North)Summerfield Town	3701703	North Carolina	17,300	24.3	5,900	8.3	6,700	9.4	4,700	6.6	24660	Greensboro-High Point, NC
Sacramento County (Central)Elk Grove City	0606710	California	17,800	24.3	7,400	10.1	5,900	8.1	4,500	6.1	40900	SacramentoRosevilleArden-Arcade, CA
Montgomery County (Central)Norristown Borough	4203104	Pennsylvania	16,300	24.3	5,600	8.4	6,700	10.0	4,000	6.0	37980	Philadelphia-Camden-Wilmington, PA-NJ- DE-MD
Hennepin County-Minneapolis City (Southwest)	2701407	Minnesota	21,000	24.3	10,600	12.2	7,600	8.8	s	3.3	33460	Minneapolis-St. Paul-Bloomington, MN-WI
San Francisco County (North & East)North Beach & Chinatown	0607502	California	14,200	24.3	8,600	14.8	3,700	6.4	1,900	3.2	41860	San Francisco-Oakland-Hayward, CA
Muskogee, Okmulgee, Wagoner (East) & McIntosh Counties	4001302	Oklahoma	13,200	24.2	1,100	2.0	4,500	8.3	7,600	14.0	46140	Tulsa, OK
Middle Peninsula, Northern Neck & Accomack-Northampton Planning District Commissions	5151125	Virginia	16,700	24.2	3,100	4.4	4,300	6.3	9,300	13.5	47260	Virginia Beach-Norfolk-Newport News, VA-NC
Garland, Hot Spring, Clark & Montgomery Counties	0501600	Arkansas	16,300	24.2		2.1	5,900	8.8	8,900	13.3	26300	Hot Springs, AR
Ross & Fayette Counties	3904800	Ohio	10,700	24.2	1,500	3.3	3,900	8.8	5,400	12.1	na	na
Golden Crescent Regional Planning Commission (Southeast)Victoria & Calhoun Counties	4805600	Texas	12,500	24.2	2,000	3.9	4,300	8.4	6,200	12.0	47020	Victoria, TX
Passaic County (South)-Passaic & Clifton (Southeast) Cities	3400501	New Jersey	15,600	24.2	3,900	6.0	4,200	6.5	7,500	11.7	35620	New York-Newark-Jersey City, NY-NJ-PA
Imperial Calcasieu Regional Planning & Development District 2 (South)	2200900	Louisiana	16,500	24.2	1,300	1.9	7,600	11.1	7,700	11.2	29340	Lake Charles, LA
Waukesha County (West)	5570101	Wisconsin	14,800	24.2	2,800	4.6	5,500	9.0	6,400	10.5	33340	Milwaukee-Waukesha-West Allis, WI
Central Texas COGBell County (North, East & South)Temple & Belton Cities	4803502	Texas	18,900	24.2	2,800	3.6	8,000	10.3	8,100	10.3	28660	Killeen-Temple, TX
Sussex County	1000300	Delaware	23,800	24.2	3,400	3.4	10,300	10.5	10,100	10.3	41540	Salisbury, MD-DE
Coastal Bend COGNueces County (Central)Corpus Christi City (South Central)	4806603	Texas	13,500	24.2	1,600	2.8	6,100	11.1	5,800	10.3	18580	Corpus Christi, TX
South RegionPearl River, Hancock, George & Stone Counties	2801900	Mississippi	13,600	24.2	1,200	2.2	6,600	11.8	5,800	10.3	25060	Gulfport-Biloxi-Pascagoula, MS
Atlanta Regional Commission (Northwest)Cobb County (Central)Marietta City	1303001	Georgia	20,200	24.2	7,100	8.4	4,800	5.7	8,400	10.0	12060	Atlanta-Sandy Springs-Roswell, GA
Los Angeles County (Central)Burbank City	0603720	California	14,400	24.2	4,200	7.0	4,400	7.4	5,800	9.8	31080	Los Angeles-Long Beach-Anaheim, CA
Queen Anne's, Talbot, Caroline, Dorchester & Kent Counties	2401300	Maryland	19,600	24.2	4,400	5.4	7,600	9.3	7,700	9.4	12580	Baltimore-Columbia-Towson, MD
Southeast Rhode Island-Newport & Bristol Counties-Newport City	4400300	Rhode Island	16,000	24.2	4,700	7.1	5,500	8.3	5,800	8.8	39300	Providence-Warwick, RI-MA
Erie County (Outer)	4200102	Pennsylvania	18,200	24.2	3,300	4.4	8,700	11.6	6,200	8.2	21500	Erie, PA
Sacramento County (North Central)Arden-Arcade, Carmichael & Fair Oaks (West)	0606703	California	13,300	24.2	4,000	7.3	5,100	9.2	4,200	7.7	40900	SacramentoRosevilleArden-Arcade, CA
Volusia County (Northeast)–Daytona Beach, Ormond Beach & Holly Hill Cities	1212702	Florida	14,000	24.2	3,500	6.1	6,100	10.6	4,300	7.5	19660	Deltona-Daytona Beach-Ormond Beach, FL

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PUMA name	PUMA ID	State	Number	Percent	Number	Percent	Number	Percent	Number	Percent	code	MSA title
North Central New Mexico	3500300	New Mexico	12,100	24.2	4,400	8.8	4,000	8.1	3,700	7.3	na	na
Westchester County (South Central)New Rochelle & Mount Vernon Cities	3603107	New York	24,100	24.2	4,600	4.6	12,300	12.3	7,300	7.3	35620	New York-Newark-Jersey City, NY-NJ-PA
Manchester & East Hartford Towns	0900301	Connecticut	13,200	24.2	5,100	9.3	4,400	8.2	3,700	6.8	25540	Hartford-West Hartford-East Hartford, CT
Pasco County (South)	1210104	Florida	20,500	24.2	5,000	5.9	10,100	11.9	5,400	6.4	45300	Tampa-St. Petersburg-Clearwater, FL
Bluegrass Area Development District (Central)Lexington-Fayette County (Central)	2101901	Kentucky	13,600	24.2	4,100	7.2	6,200	11.0	3,400	6.0	30460	Lexington-Fayette, KY
Westchester County (Northeast)	3603103	New York	15,500	24.2	4,200	6.6	7,600	11.9	3,700	5.8	35620	New York-Newark-Jersey City, NY-NJ-PA
Montgomery, Clinton, White, Carroll & Benton Counties	1801100	Indiana	14,100	24.1	1,500	2.6	3,000	5.2	9,600	16.4	29200	Lafayette-West Lafayette, IN
Central Nebraska	3100300	Nebraska	12,900	24.1	800	1.5	3,500	6.5	8,600	16.1	24260	Grand Island, NE
Madera CountyMadera City	0603900	California	13,700	24.1	800	1.3	4,100	7.1	8,900	15.6	31460	Madera, CA
Southeast Arkansas	0501800	Arkansas	8,300	24.1	S	S	2,400	7.0	5,300	15.5	38220	Pine Bluff, AR
Pike, Wayne & Susquehanna Counties	4200500	Pennsylvania	14,100	24.1	1,300	2.3	4,100	7.0	8,600	14.8	35620	New York-Newark-Jersey City, NY-NJ-PA
Northwest Wisconsin	5500100	Wisconsin	19,800	24.1	2,300	2.8	5,600	6.8	12,000	14.5	20260	Duluth, MN-WI
Northeast Missouri	2900300	Missouri	12,300	24.1	800	1.6	4,300	8.4	7,200	14.1	na	na
Mesa (Outside Grand Junction City), Montrose, Delta, San Miguel & Ouray Counties	0801002	Colorado	10,700	24.1	1,300	2.9	3,300	7.5	6,100	13.7	24300	Grand Junction, CO
Baxter, Boone, Carroll, Marion, Madison, Newton & Searcy Counties	0500300	Arkansas	14,000	24.1	1,500	2.6	4,500	7.7	8,000	13.7	22220	Fayetteville-Springdale-Rogers, AR-MO
Northwest Georgia Regional Commission–Walker, Catoosa, Chattooga & Dade Counties	1302600	Georgia	18,800	24.1	2,000	2.6	7,200	9.2	9,600	12.2	16860	Chattanooga, TN-GA
Pinal County (North)-Apache Junction City	0400803	Arizona	16,300	24.1	3,900	5.8	4,400	6.5	8,000	11.8	38060	Phoenix-Mesa-Scottsdale, AZ
Franklin County (Outside Washington Township & Waynesboro Borough)	4203702	Pennsylvania	14,400	24.1	1,300	2.2	6,100	10.2	7,000	11.7	16540	Chambersburg-Waynesboro, PA
Warren & Washington Counties	3600300	New York	14,300	24.1	1,500	2.6	5,900	9.9	6,900	11.6	24020	Glens Falls, NY
Los Angeles County (North Central)-Lancaster City	0603703	California	15,300	24.1	3,500	5.5	4,600	7.3	7,200	11.3	31080	Los Angeles-Long Beach-Anaheim, CA
Walworth County	5550000	Wisconsin	12,300	24.1	2,100	4.0	4,900	9.5	5,400	10.6	na	na
Madison & Cortland Counties	3601500	New York	12,100	24.1	2,900	5.7	4,200	8.4	5,000	9.9	45060	Syracuse, NY
Westmoreland County (Southwest)Greensburg City	4202002	Pennsylvania	16,800	24.1	3,500	5.1	6,700	9.6	6,500	9.4	38300	Pittsburgh, PA
El Paso County (Central)-Colorado Springs City (Central)	0804103	Colorado	13,400	24.1	3,000	5.3	5,500	9.9	5,000	8.9	17820	Colorado Springs, CO
Utah County (West)Saratoga Springs, Payson & Lehi (Southwest) Cities	4949001	Utah	19,300	24.1	6,900	8.6	5,900	7.4	6,600	8.2	39340	Provo-Orem, UT
Doña Ana County (Central)Las Cruces, Mesilla Cities & University Park	3501002	New Mexico	11,100	24.1	3,300	7.2	4,100	8.9	3,700	8.0	29740	Las Cruces, NM
Sangamon CountySpringfield City	1701300	Illinois	20,600	24.1	4,700	5.5	10,100	11.8	5,800	6.8	44100	Springfield, IL
Los Angeles County (Central)Pasadena City	0603718	California	17,400	24.1	6,500	9.0	6,900	9.6	4,000	5.6	31080	Los Angeles-Long Beach-Anaheim, CA
Wood (South), Fulton & Lucas (Southwest) Counties-Bowling Green City	3900200	Ohio	12,600	24.0	1,800	3.4	3,400	6.6	7,400	14.1	45780	Toledo, OH
Wayne, Fayette, Rush & Union Counties	1802600	Indiana	11,500	24.0	1,500	3.2	3,600	7.5	6,400	13.3	17140	Cincinnati, OH-KY-IN
Riverside County (West Central)Corona (Northwest) & Norco Cities	0606513	California	16,500	24.0	3,800	5.5	3,900	5.7	8,800	12.9	40140	Riverside-San Bernardino-Ontario, CA

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## STEM workers, by occupation group and Public Use Microdata Area: 2021

(Number and percent)

(Number and percent)			ALL S		S&E occu	upations	S&E-re	elated ations	STEM mi	ddle-skill ations	MSA	
PUMA name	PUMA ID	State	Number	Percent	Number	Percent	Number	Percent	Number	Percent	code	MSA title
Beltrami, Becker, Hubbard, Clearwater, Mahnomen & Lake of the Woods	070000		10.700	0.1.0	1.000		4.000			100		
Counties		Minnesota	12,700	24.0	1,000	1.8	4,900	9.3	6,800	12.9		na
South Central North Dakota–Bismarck City		North Dakota	17,500	24.0	2,600	3.6	5,800	7.9	9,100	12.5		Bismarck, ND
Suffolk County (South Central)Brookhaven Town (South)		New York	14,700	24.0	2,000	3.3	5,400	8.8	7,200	11.9		New York-Newark-Jersey City, NY-NJ-PA
Concho Valley COGTom Green CountySan Angelo City	4802900		12,800	24.0	2,000	3.8	4,500	8.5	6,300	11.8		San Angelo, TX
Faulkner & Lonoke Counties		Arkansas	22,000	24.0	2,900	3.2	8,700	9.4	10,400	11.3	30780	Little Rock-North Little Rock-Conway, AR
Regional Planning Commission 2–St. Tammany Parish (Southeast)		Louisiana	11,800	24.0	2,000	4.1	4,300	8.8	5,500	11.2		New Orleans-Metairie, LA
Davidson County	3703500	North Carolina	16,800	24.0	2,200	3.2	7,100	10.2	7,400	10.7	49180	Winston-Salem, NC
Coastal Maine RegionHancock, Knox, Waldo & Lincoln Counties	2300500	Maine	19,400	24.0	3,600	4.4	7,400	9.2	8,400	10.4	na	na
Greenville County (North Central & Outside Greenville City)Wade Hampton & Berea	4500103	South Carolina	19,300	24.0	4,200	5.2	7,400	9.2	7,700	9.5	24860	Greenville-Anderson-Mauldin, SC
Blue Earth, Nicollet & Waseca CountiesMankato City	2702200	Minnesota	15,600	24.0	2,700	4.2	6,800	10.4	6,100	9.4	31860	Mankato-North Mankato, MN
Sumter (North) & Lake (North) Counties	1206902	Florida	10,900	24.0	2,100	4.8	4,600	10.1	4,100	9.2	36740	Orlando-Kissimmee-Sanford, FL
River Valley Regional Commission (West Central)Muscogee & Chattahoochee Counties	1301700	Georgia	19,900	24.0	3,900	4.7	8,400	10.2	7,500	9.1	17980	Columbus, GA-AL
Cleveland CountyNorman, Oklahoma City (South) & Moore Cities	4000900	Oklahoma	35,500	24.0	10,000	6.8	12,300	8.3	13,200	9.0	36420	Oklahoma City, OK
Pasco County (East Central)	1210101	Florida	15,300	24.0	3,100	4.8	7,000	10.9	5,300	8.3	45300	Tampa-St. Petersburg-Clearwater, FL
Jackson County (Central)Medford & Central Point Cities	4100901	Oregon	11,300	24.0	1,200	2.5	6,300	13.3	3,900	8.2	32780	Medford, OR
Denton County (Southeast)Lewisville City	4802002	Texas	16,400	24.0	6,200	9.0	4,900	7.2	5,300	7.8	19100	Dallas-Fort Worth-Arlington, TX
Hillsborough County (North Central)-Tampa City (North)	1205705	Florida	21,300	24.0	6,800	7.7	8,000	9.0	6,500	7.3	45300	Tampa-St. Petersburg-Clearwater, FL
Ingham County (South & East)	2601801	Michigan	20,100	24.0	9,200	11.0	6,100	7.3	4,800	5.7	29620	Lansing-East Lansing, MI
San Bernardino County (Southwest)Colton, Loma Linda & Grand Terrace Cities	0607106	California	11,200	24.0	1,000	2.1	7,600	16.3	2,600	5.6	40140	Riverside-San Bernardino-Ontario, CA
Burlington County (West Central)		New Jersey	19,000	24.0	6,400	8.1	8,600	10.9	3,900	5.0		Philadelphia-Camden-Wilmington, PA-NJ- DE-MD
Contra Costa County (Central)Concord (South), Walnut Creek (East) & Clayton Cities	0601306	California	14,300	24.0	5,200	8.7	6,500	11.0	2,500	4.3	41860	San Francisco-Oakland-Hayward, CA
Northwest Missouri	2900100	Missouri	11,200	23.9	600	1.4	3,900	8.3	6,700	14.2	na	na
Roane, Loudon & Monroe Counties-Oak Ridge City (West)	4701800	Tennessee	15,600	23.9	1,400	2.2	6,000	9.2	8,200	12.5	28940	Knoxville, TN
Washington, Osage (North & West), Pawnee & Creek (Northwest) Counties	4001601	Oklahoma	9,600	23.9	1,500	3.7	3,300	8.3	4,800	11.9	46140	Tulsa, OK
Mount Rogers Planning District Commission	5151020	Virginia	17,700	23.9	2,000	2.7	7,000	9.5	8,700	11.7	28700	Kingsport-Bristol-Bristol, TN-VA
Clearfield, McKean, Elk, Potter & Cameron Counties	4200300	Pennsylvania	16,500	23.9	2,000	2.9	6,600	9.5	7,900	11.5		na
Raleigh, Mercer & Fayette Counties		West Virginia	15,900	23.9	1,900	2.9	6,400	9.6	7,600	11.4	13220	Beckley, WV
Clark CountyJeffersonville City	1803600		13,800	23.9	2,200	3.8	5,100	8.8	6,500	11.3		Louisville/Jefferson County, KY-IN
Apalachee Region (Outside Leon County)	1206300	Florida	15,600	23.9	2,200	3.4	6,000	9.2	7,400	11.3		Panama City, FL
Washoe County (North)Sparks City	3200103	Nevada	19,100	23.9	3,600	4.5	6,600	8.3	8,800	11.1		Reno, NV

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(Number and percent)

				STEM pations	S&E occi	upations	S&E-ro	elated ations		iddle-skill pations	MSA	
PUMA name	PUMA ID	State	Number	Percent	Number	Percent	Number	Percent	Number	Percent	code	MSA title
Solano County (Central)Fairfield & Suisun City Cities	0609502	California	15,100	23.9	2,400	3.8	5,800	9.2	6,900	10.8	46700	Vallejo-Fairfield, CA
Hunt & Rockwall CountiesRockwall, Greenville & Dallas (Far Northeast) Cities	4800900	Texas	24,300	23.9	6,900	6.8	6,900	6.8	10,600	10.3	19100	Dallas-Fort Worth-Arlington, TX
Lane County (West Central)Eugene City (West & South)	4100703	Oregon	19,700	23.9	3,800	4.7	7,700	9.3	8,200	10.0	21660	Eugene, OR
San Diego County (Northwest)-Oceanside City & Camp Pendleton	0607301	California	18,100	23.9	5,100	6.7	5,700	7.5	7,300	9.7	41740	San Diego-Carlsbad, CA
Providence County (Southeast)Cranston & East Providence Cities	4400104	Rhode Island	14,600	23.9	3,200	5.2	5,700	9.2	5,800	9.4	39300	Providence-Warwick, RI-MA
												Philadelphia-Camden-Wilmington, PA-NJ-
Bucks County (North)	4203001	Pennsylvania	16,600	23.9	5,200	7.5	5,100	7.4	6,200	9.0		DE-MD
New Hanover County (South)Wilmington City	3704700	North Carolina	20,000	23.9	3,600	4.4	8,900	10.7	7,400	8.9	48900	Wilmington, NC
New Castle County (West Central)Newark City & Brookside	1000103	Delaware	17,000	23.9	5,600	7.8	5,400	7.6	6,100	8.5	37980	Philadelphia-Camden-Wilmington, PA-NJ- DE-MD
Cuyahoga County (South Central)Brooklyn, Parma, Parma Heights & Seven Hills Cities	3900904	Ohio	15,300	23.9	4,100	6.4	5,800	9.1	5,400	8.4	17460	Cleveland-Elyria, OH
Regional Planning Commission 1–St. Tammany Parish (Northwest)	2202200	Louisiana	16,500	23.9	3,500	5.1	7,500	10.8	5,600	8.0	35380	New Orleans-Metairie, LA
McLean County	1702000	Illinois	20,200	23.9	7,600	9.0	5,900	7.0	6,600	7.8	14010	Bloomington, IL
Maricopa County-Mesa City (North Central)	0400102	Arizona	15,400	23.9	4,300	6.6	6,400	9.9	4,800	7.4	38060	Phoenix-Mesa-Scottsdale, AZ
Rutherford County (South)Murfreesboro City	4702402	Tennessee	25,100	23.9	5,300	5.1	12,300	11.8	7,400	7.0	34980	Nashville-DavidsonMurfreesboro Franklin, TN
Atlanta Regional CommissionCobb County (Northwest)Kennesaw & Acworth												
Cities	1303002	Georgia	16,600	23.9	6,800	9.9	5,600	8.1	4,100	6.0	12060	Atlanta-Sandy Springs-Roswell, GA
Hillsborough County (Northwest)	1205703	Florida	22,000	23.9	9,500	10.3	7,400	8.0	5,100		45300	Tampa-St. Petersburg-Clearwater, FL
Austin City (Northeast)	4805303	Texas	20,900	23.9	9,200	10.5	7,800	8.9	4,000	4.5	12420	Austin-Round Rock, TX
Chicago City (West)West Town, Near West Side & Lower West Side	1703524	Illinois	28,600	23.9	12,000	10.1	12,900	10.8	3,700		16980	Chicago-Naperville-Elgin, IL-IN-WI
Houston City (North) & AldineBetween Loop I-610 & Beltway TX-8	4804608	Texas	8,800	23.8	S	s	s	s	7,900	21.5	26420	Houston-The Woodlands-Sugar Land, TX
Northwest Maine-Oxford, Somerset, Franklin & Piscataquis Counties	2300200	Maine	15,500	23.8	2,600	4.0	4,200	6.5	8,700	13.3	na	na
Greater Fairbanks, Greater Juneau, Ketchikan Gateway Borough & Road- Connected Alaska	0200300	Alaska	17,100	23.8	2,800	3.9	4,800	6.7	9,400	13.2	21820	Fairbanks, AK
Venango, Jefferson, Clarion & Forest Counties	4201300	Pennsylvania	13,600	23.8	1,000	1.8	5,100	8.9	7,500	13.1	na	na
Land Between the Lakes–Weakley, Henry, Carroll, Humphreys, Benton & Houston Counties	4700200	Tennessee	13,200	23.8	1,300	2.4	5,000	9.0	6,800	12.4	na	na
Three Rivers RegionLee, Pontotoc & Union CountiesTupelo City	2800500	Mississippi	14,800	23.8	1,000	1.7	6,400	10.3	7,300	11.8	na	na
Grays Harbor & Mason Counties		Washington	12,600	23.8	2,700	5.1	3,800	7.1	6,200	11.6	na	na
Monroe County	2603300	Michigan	15,200	23.8	1,900	3.0	6,000	9.3	7,400	11.5	33780	Monroe, MI
Columbus City (West)	3904110	Ohio	11,100	23.8	3,000	6.5	2,700	5.9	5,300	11.4	18140	Columbus, OH
Herkimer (North & Central) & Oneida (Outer) Counties	3600401	New York	11,700	23.8	1,900	3.8	4,200	8.6	5,600	11.3	46540	Utica-Rome, NY
Florence & Darlington CountiesFlorence City	4500900	South Carolina	18,900	23.8	1,900	2.4	8,000	10.0	9,000	11.3	22500	Florence, SC
Heart of Texas COGMcLennan CountyWaco (Outer), Hewitt & Robinson Cities	4803802	Texas	16,700	23.8	1,500	2.2	7,400	10.4	7,800	11.1	47380	Waco, TX

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			ALL S	STEM ations	S&E occ	upations		elated ations		iddle-skill ations	MSA	
PUMA name	PUMA ID	State	Number	Percent	Number	Percent	Number	Percent	Number	Percent	code	MSA title
Washington County	0500200	Arkansas	28,900	23.8	4,500	3.7	11,200	9.2	13,200	10.8	22220	Fayetteville-Springdale-Rogers, AR-MO
Cache, Summit, Morgan & Rich Counties	4905001	Utah	22,600	23.8	5,700	6.0	7,100	7.4	9,800	10.3	30860	Logan, UT-ID
Summit County (Central)Akron (West) & Cuyahoga Falls (West) Cities	3901804	Ohio	12,100	23.8	2,100	4.2	4,800	9.5	5,100	10.1	10420	Akron, OH
Oakland County (Central)	2602904	Michigan	18,200	23.8	5,300	7.0	5,600	7.3	7,300	9.6	19820	Detroit-Warren-Dearborn, MI
Essex County (Northeast)	3401401	New Jersey	14,500	23.8	3,300	5.3	5,500	9.0	5,800	9.5	35620	New York-Newark-Jersey City, NY-NJ-PA
Wake County (East)Raleigh City (East), Knightdale & Garner (North) Towns	3701204	North Carolina	18,400	23.8	6,200	8.1	4,900	6.4	7,200	9.4	39580	Raleigh, NC
New Castle County (East Central)Wilmington City	1000101	Delaware	12,900	23.8	2,900	5.3	5,000	9.2	5,000	9.3	37980	Philadelphia-Camden-Wilmington, PA-NJ- DE-MD
Utah County (Central)-Orem, Pleasant Grove, American Fork & Lindon Cities	4949002	Utah	23,200	23.8	8,200	8.4	6,100	6.3	8,900	9.1	39340	Provo-Orem, UT
Ontario & Yates Counties	3601400	New York	15,500	23.8	4,000	6.1	6,100	9.4	5,400	8.3	40380	Rochester, NY
Coastal Regional Commission (West)Liberty, Bryan & Long Counties	1300200	Georgia	10,000	23.8	2,300	5.4	4,600	11.0	3,100	7.3	25980	Hinesville, GA
Dallas County (Northwest)Irving (Central) & Dallas (Northwest) Cities	4802321	Texas	17,100	23.8	8,000	11.1	4,300	5.9	4,800	6.7	19100	Dallas-Fort Worth-Arlington, TX
Frederick County (Central)Greater Frederick City	2400302	Maryland	17,100	23.8	7,600	10.7	5,000	7.0	4,400	6.2	47900	Washington-Arlington-Alexandria, DC-VA-MD-WV
Seattle City (West)Duwamish & Beacon Hill	5311605	Washington	18,800	23.8	9,200	11.7	6,000	7.6	3,600	4.6	42660	Seattle-Tacoma-Bellevue, WA
Oswego County	3600600	New York	12,200	23.7	1,500	3.0	3,100	6.1	7,500	14.6	45060	Syracuse, NY
Mifflin, Union, Snyder & Juniata Counties	4201100	Pennsylvania	15,100	23.7	2,000	3.1	4,800	7.6	8,300	13.1	na	na
Lake County (North)	1206901	Florida	12,200	23.7	S	S	5,100	9.9	6,700	12.9	36740	Orlando-Kissimmee-Sanford, FL
Weld County (South Central)-Greeley, Windsor & Evans Cities	0800300	Colorado	24,900	23.7	3,700	3.5	8,200	7.8	13,100	12.4	24540	Greeley, CO
La Plata, Montezuma, Gunnison, Archuleta, Dolores, Hinsdale & San Juan Counties	0800900	Colorado	14,000	23.7	2,200	3.7	5,100	8.6	6,700	11.4	na	na
Tarrant County (Southeast)Arlington (Southeast) & Grand Prairie (Southwest) Cities	4802504	Texas	14,900	23.7	2,900	4.6	4,900	7.8	7,100	11.3	19100	Dallas-Fort Worth-Arlington, TX
Central KansasHutchinson City	2001000	Kansas	11,300	23.7	1,300	2.8	4,600	9.6	5,400	11.3	na	na
Clallam & Jefferson Counties	5311900	Washington	9,500	23.7	1,600	3.9	3,600	9.1	4,300	10.7	na	na
Rappahannock-Rapidan Regional Commission	5151087	Virginia	22,700	23.7	7,500	7.8	5,200	5.4	10,000	10.5	47900	Washington-Arlington-Alexandria, DC-VA-MD-WV
Monroe County (Central)Greece & Gates Towns	3600904	New York	14,200	23.7	2,600	4.4	5,300	8.8	6,300	10.5	40380	Rochester, NY
Alamo Area COG (Northeast)Guadalupe County	4805700	Texas	18,800	23.7	3,900	5.0	6,700	8.5	8,200	10.3	41700	San Antonio-New Braunfels, TX
New Castle County (South)Middletown Town, Bear & Glasgow	1000104	Delaware	19,000	23.7	5,400	6.8	5,900	7.4	7,700	9.6	37980	Philadelphia-Camden-Wilmington, PA-NJ- DE-MD
Dutchess County (North & East)	3602801	New York	13,900	23.7	2,600	4.5	5,600	9.6	5,700	9.6	35620	New York-Newark-Jersey City, NY-NJ-PA
Fort Worth City (South Central) & Edgecliff Village Town	4802513	Texas	14,300	23.7	4,100	6.8	4,400	7.4	5,700	9.5	19100	Dallas-Fort Worth-Arlington, TX
Scott County (East)Shakopee, Savage & Prior Lake Cities	2701600	Minnesota	18,100	23.7	5,200	6.9	6,500	8.4	6,400	8.4	33460	Minneapolis-St. Paul-Bloomington, MN-WI
Baltimore CitySandtown-Winchester, Ashburton & Mount Washington	2400801	Maryland	11,900	23.7	2,800	5.5	5,000	10.0	4,100	8.2	12580	Baltimore-Columbia-Towson, MD

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PUMA name	PUMA ID	State	Number	Percent	Number	Percent	Number	Percent	Number	Percent	code	MSA title
Pierce County (Central)Tacoma City (Central)	5311501	Washington	16,400	23.7	4,400	6.4	6,700	9.7	5,200	7.6	42660	Seattle-Tacoma-Bellevue, WA
Cambria County	4202100	Pennsylvania	12,300	23.7	2,100	4.0	6,300	12.1	3,900	7.6	27780	Johnstown, PA
Atlanta Regional Commission-Cherokee County (Outside Woodstock & Canton Cities)	1303102	Georgia	16,400	23.7	5,200	7.6	6,200	8.9	5,000	7.2	12060	Atlanta-Sandy Springs-Roswell, GA
Delaware County	3904000	Ohio	26,200	23.7	7,700	7.0	13,200	11.9	5,300	4.8	18140	Columbus, OH
Orange County (North Central)-Orlando (North), Winter Park & Maitland Cities	1209507	Florida	15,900	23.7	4,000	5.9	9,100	13.5	2,900	4.3	36740	Orlando-Kissimmee-Sanford, FL
Norfolk County (Northeast)Quincy City & Milton Town	2503603	Massachusetts	16,400	23.7	7,000	10.1	6,600	9.5	2,800	4.1	14460	Boston-Cambridge-Newton, MA-NH
Pettis, Randolph, Saline, Cooper, Howard, Carroll & Chariton Counties	2900700	Missouri	13,200	23.6	1,000	1.8	3,400	6.2	8,700	15.7	na	na
Acadiana Regional Development District 1St. Landry & Evangeline Parishes	2201000	Louisiana	9,800	23.6	s	s	3,100	7.3	6,200	14.8	na	na
Lake County (Northeast)Gary City & Griffith Town	1800102	Indiana	10,500	23.6	1,100	2.5	3,200	7.3	6,100	13.8	16980	Chicago-Naperville-Elgin, IL-IN-WI
Carson City, Lyon, Douglas & Storey Counties	3200200	Nevada	17,200	23.6	2,200	3.1	5,200	7.2	9,800	13.4	16180	Carson City, NV
Dallas County (East)Mesquite City (Central & Southeast)	4802303	Texas	14,700	23.6	2,700	4.4	3,900	6.3	8,100	13.0	19100	Dallas-Fort Worth-Arlington, TX
Henry, Mercer, Henderson, Warren, Hancock, McDonough & Fulton Counties	1700202	Illinois	16,500	23.6	1,600	2.3	6,000	8.6	8,800	12.6	19340	Davenport-Moline-Rock Island, IA-IL
Dallas City (West Central)East of Loop TX-12 & West of I-35E	4802315	Texas	12,500	23.6	1,600	2.9	4,400	8.3	6,600	12.4	19100	Dallas-Fort Worth-Arlington, TX
Cape Girardeau, Scott & Bollinger Counties	2902200	Missouri	15,200	23.6	1,500	2.3	6,100	9.4	7,700	11.9	16020	Cape Girardeau, MO-IL
Elmore, Autauga, Montgomery (Outer) & Lowndes Counties	0102100	Alabama	18,900	23.6	2,300	2.8	7,200	8.9	9,500	11.8	33860	Montgomery, AL
Suffolk County (East)	3603305	New York	18,400	23.6	2,700	3.5	7,000	9.0	8,700	11.1	35620	New York-Newark-Jersey City, NY-NJ-PA
Cook County (South Central)Worth & Calumet Townships	1703411	Illinois	16,800	23.6	1,600	2.3	7,300	10.3	7,800	11.0	16980	Chicago-Naperville-Elgin, IL-IN-WI
Ada (North), Payette, Canyon (North), Gem & Washington CountiesEagle City	1600400	Idaho	13,400	23.6	2,100	3.6	5,600	9.9	5,700	10.1	14260	Boise City, ID
Cook County (Northwest)Hanover & Schaumburg (Northwest) Townships	1703417	Illinois	13,900	23.6	4,100	7.0	3,900	6.7	5,900	10.0	16980	Chicago-Naperville-Elgin, IL-IN-WI
Sheridan, Park, Teton, Lincoln & Big Horn Counties	5600100	Wyoming	13,500	23.6	1,800	3.1	6,000	10.6	5,700	10.0	na	na
South RegionHarrison CountyGulfport & Biloxi Cities	2802000	Mississippi	18,900	23.6	2,800	3.5	8,700	10.8	7,500	9.3	25060	Gulfport-Biloxi-Pascagoula, MS
Clark County (North)Las Vegas (Northeast) & North Las Vegas (Outer) Cities	3200402	Nevada	14,600	23.6	2,500	4.0	6,500	10.5	5,600	9.0	29820	Las Vegas-Henderson-Paradise, NV
Essex County (East)Salem, Beverly, Gloucester & Newburyport Cities	2500703	Massachusetts	24,800	23.6	7,400	7.1	9,800	9.3	7,500	7.1	14460	Boston-Cambridge-Newton, MA-NH
Monmouth County (Southeast)Tinton Falls Borough (South)	3401101	New Jersey	12,600	23.6	2,700	5.1	6,500	12.2	3,300	6.2	35620	New York-Newark-Jersey City, NY-NJ-PA
Houston (West) & Hunters Creek Village CitiesBetween Loop I-610 & Beltway TX-8	4804613	Texas	14,100	23.6	5,000	8.3	5,500	9.2	3,600	6.0	26420	Houston-The Woodlands-Sugar Land, TX
Raleigh City (South & Central)	3701201	North Carolina	16,500	23.6	7,600	10.8	5,300	7.6	3,700	5.2	39580	Raleigh, NC
Miami-Dade County (East)-Coral Gables City, Pinecrest Village & Kendall (South)	1208616		11,500	23.6	2,200	4.5	6,900	14.0	2,500	5.0	33100	Miami-Fort Lauderdale-West Palm Beach FL
Hillsborough County (Southwest)Tampa City (South)	1205702	Florida	22,500	23.6	8,500	8.9	10,100	10.7	3,900	4.1	45300	Tampa-St. Petersburg-Clearwater, FL
Maricopa County-Scottsdale (North), Phoenix (Far Northeast) Cities & Cave Creek	0400112	Arizona	14,100	23.6	4,700	7.8	7,100	11.9	2,300	3.9	38060	Phoenix-Mesa-Scottsdale, AZ
East Central Wisconsin	5501400	Wisconsin	16,600	23.5	1,700	2.4	3,700	5.2	11,300	16.0	na	na
East Montana (Outside Billings City)	3000600	Montana	16,200	23.5	2,200	3.1	4,400	6.4	9,600	14.0	13740	Billings, MT

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# STEM workers, by occupation group and Public Use Microdata Area: 2021

(Number and percent)

			ALL S	STEM ations	S&E occi	upations	S&E-re	elated ations	STEM mi occup	ddle-skill ations	MSA	
PUMA name	PUMA ID	State	Number	Percent	Number	Percent	Number	Percent	Number	Percent	code	MSA title
Seneca, Crawford & Wyandot Counties	3902300	Ohio	12,500	23.5	1,000	1.9	4,500	8.4	7,000	13.1	na	na
West Piedmont Planning District Commission	5151097	Virginia	16,700	23.5	1,400	1.9	6,500	9.2	8,900	12.5	na	na
Rock County	5502400	Wisconsin	20,000	23.5	3,400	4.0	6,500	7.7	10,100	11.9	27500	Janesville-Beloit, WI
Oneida, Lincoln, Vilas, Langlade & Forest Counties	5500600	Wisconsin	12,400	23.5	1,500	2.9	4,600	8.7	6,200	11.8	na	na
Santa Clara County (Central)San Jose City (East Central/East Valley)	0608514	California	10,400	23.5	3,300	7.4	2,000	4.5	5,100	11.6	41940	San Jose-Sunnyvale-Santa Clara, CA
												Miami-Fort Lauderdale-West Palm Beach,
Miami-Dade County (Southeast)-Cutler Bay Town & Palmetto Bay Village	1208623		14,000	23.5	1,700	2.9	5,500	9.2	6,800	11.4	33100	
Los Angeles County (North)–LA City (North Central/Granada Hills & Sylmar)		California	15,000	23.5	2,000	3.2	6,000	9.3	7,000	11.0		Los Angeles-Long Beach-Anaheim, CA
Tarrant County (Northwest)Fort Worth (Northwest) & Saginaw Cities	4802516	Texas	21,800	23.5	5,400	5.9	6,300	6.9	10,000	10.8	19100	Dallas-Fort Worth-Arlington, TX
Jackson, Wetzel, Roane, Braxton, Ritchie, Tyler, Gilmer & Calhoun Counties	5400600	West Virginia	7,400	23.5	1,200	3.9	2,900	9.2	3,300	10.4	na	na
Sacramento County-Sacramento City (Southeast/Fruitridge, Avondale & Depot Park)	0606708	California	15,400	23.5	3,700	5.6	5,000	7.7	6,700	10.2	40900	SacramentoRosevilleArden-Arcade, CA
Sonoma County (North)-Windsor Town, Healdsburg & Sonoma Cities	0609701	California	19,500	23.5	4,100	4.9	7,200	8.7	8,200	9.9	42220	Santa Rosa, CA
Jackson County (East)	2901003	Missouri	16,600	23.5	3,200	4.6	6,600	9.4	6,800	9.6	28140	Kansas City, MO-KS
Mercer County	4201400	Pennsylvania	10,600	23.5	1,400	3.2	4,800	10.8	4,300	9.5	49660	Youngstown-Warren-Boardman, OH-PA
Madison & Chester CountiesJackson City	4703000	Tennessee	11,700	23.5	500	1.0	6,600	13.2	4,700	9.4	27180	Jackson, TN
York County (Central)York City & Shiloh	4203601	Pennsylvania	19,700	23.5	4,800	5.7	7,900	9.4	7,000	8.4	49620	York-Hanover, PA
Lancaster County (Southwest)Columbia Borough	4203504	Pennsylvania	17,200	23.5	4,900	6.7	6,400	8.8	5,800	8.0	29540	Lancaster, PA
Thurston County (Central)Olympia, Lacey & Tumwater Cities	5311401	Washington	19,000	23.5	5,700	7.0	7,400	9.2	5,900	7.3	36500	Olympia-Tumwater, WA
NYC-Queens Community District 11Bayside, Douglaston & Little Neck	3604104	New York	12,700	23.5	3,200	5.9	6,200	11.4	3,400	6.2	35620	New York-Newark-Jersey City, NY-NJ-PA
Cass CountyFargo City	3800500	North Dakota	24,900	23.5	4,400	4.2	14,000	13.2	6,400	6.1	22020	Fargo, ND-MN
Prince George's County (South)-Clinton, Fort Washington (South), Rosaryville & Croom	2401106	Maryland	16,600	23.5	7,900	11.2	4,700	6.7	4,000	5.6	47900	Washington-Arlington-Alexandria, DC-VA- MD-WV
Los Angeles County (East Central)Arcadia, San Gabriel & Temple City Cities	0603717	California	18,500	23.5	5,600	7.2	8,400	10.7	4,400	5.6	31080	Los Angeles-Long Beach-Anaheim, CA
Essex County (Southwest)	3401404	New Jersey	12,700	23.5	5,100	9.5	5,500	10.2	2,100	3.9	35620	New York-Newark-Jersey City, NY-NJ-PA
Boston City-Back Bay, Beacon Hill, Charlestown, East Boston, Central & South End	2503302	Massachusetts	21,200	23.5	9,900	11.0	9,300	10.3	s	s	14460	Boston-Cambridge-Newton, MA-NH
Robeson County (West)-Lumberton City	3705100	North Carolina	8,800	23.4	s	0.9	2,400	6.2	6,100	16.3	na	na
Fulton & Montgomery Counties	3601600	New York	10,400	23.4	700	1.6	2,700	6.1	7,000	15.7	na	na
Sioux, Clay, Dickinson, O'Brien, Lyon, Emmet, Palo Alto & Osceola Counties	1900100	lowa	14,000	23.4	700	1.1	3,900	6.6	9,400	15.7	na	na
Newaygo, Mason, Oceana & Lake Counties	2600600	Michigan	11,100	23.4	1,500	3.2	2,900	6.2	6,600	13.9	na	na
Southeast IdahoPocatello, Chubbuck Cities & Fort Hall Reservation	1601300	Idaho	13,300	23.4	1,900	3.3	4,000	7.1	7,400	13.0	30860	Logan, UT-ID
Southwest Georgia Regional Commission (West & Central)	1301100	Georgia	10,100	23.4	1,100	2.5	3,400	7.9	5,600	13.0	10500	Albany, GA
Fort Worth (Northeast) & Hurst (South) CitiesNorth of I-30	4802509	Texas	17,600	23.4	4,800	6.3	3,200	4.2	9,700	12.9	19100	Dallas-Fort Worth-Arlington, TX
North Central Texas COG (West)Hood, Erath, Palo Pinto & Somervell Counties	4802200	Texas	14,300	23.4	1,900	3.2	4,700	7.6	7,700	12.6	19100	Dallas-Fort Worth-Arlington, TX

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(Number and percent)

(Number and percent)			ALL S	STEM ations	S&E occi	upations		elated ations	STEM mi	ddle-skill ations	MSA	
PUMA name	PUMA ID	State	Number	Percent	Number	Percent	Number	Percent	Number	Percent	code	MSA title
Prince George's County (Northwest)New Carrollton & Hyattsville (Southeast) Cities	2401103	Maryland	12,600	23.4	3,100	5.7	2,900	5.4	6,600	12.3	47900	Washington-Arlington-Alexandria, DC-VA-MD-WV
Itasca, Carlton (South), Cass & Aitkin Counties-Grand Rapids City	2700300	Minnesota	12,200	23.4	1,500	2.8	4,500	8.6	6,300	12.1	20260	Duluth, MN-WI
Hawkins & Sullivan (Northwest) Counties-Kingsport City	4701000	Tennessee	9,100	23.4	1,000	2.7	3,500	9.1	4,500	11.7	28700	Kingsport-Bristol-Bristol, TN-VA
Central Shenandoah Planning District Commission (Southwest)	5151080	Virginia	17,500	23.4	1,600	2.1	7,700	10.2	8,300	11.0	44420	Staunton-Waynesboro, VA
Cumberland County (West)-Fayetteville City (West)	3705003	North Carolina	9,200	23.4	1,100	2.9	4,000	10.3	4,000	10.3	22180	Fayetteville, NC
Birmingham City (East)	0101302	Alabama	10,600	23.4	3,200	7.1	3,400	7.5	4,000	8.8	13820	Birmingham-Hoover, AL
FIVCO Area Development District	2102800	Kentucky	10,200	23.4	800	1.9	5,700	13.0	3,700	8.5	26580	Huntington-Ashland, WV-KY-OH
Lexington County (North & East)–West Columbia, Cayce Cities, Irmo Town & Seven Oaks	4500602	South Carolina	14,700	23.4	3,000	4.7	6,600	10.5	5,200	8.2	17900	Columbia, SC
San Antonio City (West)Between Loop TX-1604 & Loop I-410	4805908	Texas	15,400	23.4	3,800	5.8	6,500	9.9	5,000	7.7	41700	San Antonio-New Braunfels, TX
Los Angeles CountyLA City (Northwest/Canoga Park, Winnetka & Woodland Hills)	0603725	California	20,100	23.4	5,600	6.5	8,100	9.4	6,400	7.4	31080	Los Angeles-Long Beach-Anaheim, CA
Atlanta Regional Commission (South Central)Fayette County	1302400	Georgia	11,900	23.4	4,100	8.1	4,100	8.0	3,700	7.3	12060	Atlanta-Sandy Springs-Roswell, GA
Columbus (Far West) & Hilliard (South) Cities	3904111	Ohio	14,600	23.4	4,600	7.3	5,700	9.2	4,300	6.8	18140	Columbus, OH
Houston City (West)-South of I-10 & West of TX-6	4804635	Texas	12,300	23.4	5,200	9.9	3,900	7.3	3,300	6.2	26420	Houston-The Woodlands-Sugar Land, TX
Fort Bend County (West & South)	4804905	Texas	31,300	23.4	10,800	8.1	12,200	9.1	8,300	6.2	26420	Houston-The Woodlands-Sugar Land, TX
Alameda County (West)San Leandro, Alameda & Oakland (Southwest) Cities	0600105	California	20,100	23.4	8,100	9.4	7,200	8.3	4,900	5.7	41860	San Francisco-Oakland-Hayward, CA
Palm Beach County (Southeast)Greater Delray Beach City	1209907	Florida	11,400	23.4	3,200	6.5	5,800	11.9	2,400	4.9	33100	Miami-Fort Lauderdale-West Palm Beach, FL
DuPage County (Southeast)Downers Grove Township	1703204	Illinois	16,800	23.4	6,200	8.6	7,200	10.1	3,400	4.7	16980	Chicago-Naperville-Elgin, IL-IN-WI
Holmes, Guernsey & Coshocton Counties	3902900	Ohio	12,300	23.3	1,000	1.8	3,500	6.7	7,800	14.8	na	na
Southwest Arkansas	0502000	Arkansas	8,600	23.3	400	s	3,000	8.3	5,200	14.0	45500	Texarkana, TX-AR
South Central Planning & Development Commission 3Terrebonne Parish	2202100	Louisiana	10,200	23.3	400	s	4,100	9.4	5,700	13.0	26380	Houma-Thibodaux, LA
Pima County (West)	0400201	Arizona	9,100	23.3	1,600	4.1	2,500	6.4	5,000	12.8	46060	Tucson, AZ
Wayne County (Southwest)	2603205	Michigan	11,200	23.3	1,900	4.1	3,300	6.9	5,900	12.3	19820	Detroit-Warren-Dearborn, MI
Richland County	3902200	Ohio	12,900	23.3	1,000	1.9	5,100	9.2	6,800	12.2	31900	Mansfield, OH
Maricopa County (West) & Gila River Indian Community (Northwest)	0400134	Arizona	17,700	23.3	2,000	2.7	6,600	8.7	9,100	12.0	38060	Phoenix-Mesa-Scottsdale, AZ
Harris County (West)Houston City (West)North of US-90 & West of TX-6	4804634	Texas	13,800	23.3	2,500	4.2	4,500	7.6	6,800	11.6	26420	Houston-The Woodlands-Sugar Land, TX
Bradley, McMinn & Polk CountiesCleveland City	4701900	Tennessee	17,400	23.3	2,700	3.6	6,400	8.6	8,300	11.1	17420	Cleveland, TN
South Delta Region	2800800	Mississippi	8,400	23.3	900	2.5	3,600	9.9	4,000	10.9	na	na
Black Hawk CountyWaterloo & Cedar Falls Cities	1900500	lowa	14,600	23.3	2,600	4.1	5,400	8.5	6,700	10.6	47940	Waterloo-Cedar Falls, IA
Will County (South)	1703108	Illinois	13,200	23.3	2,400	4.2	5,300	9.3	5,500	9.8	16980	Chicago-Naperville-Elgin, IL-IN-WI
Prince George's County (Central)Seat Pleasant City, Capitol Heights Town & Landover	2401104	Maryland	12,400	23.3	4,800	8.9	2,900	5.4	4,700	8.9	47900	Washington-Arlington-Alexandria, DC-VA-MD-WV

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				STEM ations	S&E occi	upations	S&E-re	elated ations	STEM mi	ddle-skill ations	MSA	
PUMA name	PUMA ID	State	Number	Percent	Number	Percent	Number	Percent	Number	Percent	code	MSA title
Nassau County (South Central)Hempstead Town (Southeast)	3603210	New York	12,200	23.3	1,700	3.2	6,000	11.5	4,500	8.6	35620	New York-Newark-Jersey City, NY-NJ-PA
Sacramento County (North Central)Citrus Heights City	0606701	California	12,700	23.3	2,900	5.3	5,300	9.7	4,500	8.3	40900	SacramentoRosevilleArden-Arcade, CA
Hillsborough County (South County)	1205708	Florida	28,000	23.3	6,100	5.0	12,800	10.6	9,200	7.6	45300	Tampa-St. Petersburg-Clearwater, FL
San Luis Obispo County (West)Coastal Region	0607901	California	16,900	23.3	4,800	6.6	7,300	10.1	4,800	6.6	42020	San Luis Obispo-Paso Robles-Arroyo Grande, CA
Atlantic County (East)Atlantic City & Ventnor City	3400101	New Jersey	10,000	23.3	2,600	6.0	4,800	11.3	2,600	6.0	12100	Atlantic City-Hammonton, NJ
Coordinating & Development Corporation 1–Shreveport City (North)	2200100	Louisiana	8,900	23.3	s	s	5,600	14.8	2,200	5.7	43340	Shreveport-Bossier City, LA
Los Angeles County (Southwest)Santa Monica City	0603728	California	13,100	23.3	5,500	9.8	4,800	8.4	2,800	5.0	31080	Los Angeles-Long Beach-Anaheim, CA
Columbus City (Central)	3904105	Ohio	17,000	23.3	7,700	10.6	6,100	8.3	3,200	4.4	18140	Columbus, OH
Campbell, Claiborne, Scott, Morgan & Hancock Counties	4700900	Tennessee	11,300	23.2	s	s	4,000	8.2	6,700	13.8	28940	Knoxville, TN
Lane County (Outside Eugene & Springfield Cities)	4100705	Oregon	10,300	23.2	600	1.4	4,000	9.1	5,600	12.7	21660	Eugene, OR
Warren, Macon, Smith, DeKalb, Cannon & Trousdale Counties	4700600	Tennessee	13,100	23.2	1,400	2.5	4,800	8.5	6,900	12.2	34980	Nashville-DavidsonMurfreesboro Franklin, TN
Kaufman County	4801400	Texas	16,700	23.2	4,200	5.9	4,100	5.7	8,300	11.6	19100	Dallas-Fort Worth-Arlington, TX
Skagit, Island & San Juan Counties	5310200	Washington	21,000	23.2	4,900	5.4	5,900	6.4	10,300	11.3	34580	Mount Vernon-Anacortes, WA
Marion County (Central)-Ocala City	1208302	Florida	11,800	23.2	2,200	4.3	3,900	7.8	5,600	11.1	36100	Ocala, FL
Niagara County (North & East)	3601102	New York	11,400	23.2	1,100	2.2	5,100	10.3	5,300	10.7	15380	Buffalo-Cheektowaga-Niagara Falls, NY
Marion, Knox & Morrow Counties	3902800	Ohio	15,700	23.2	2,200	3.2	6,400	9.5	7,100	10.5	18140	Columbus, OH
Lincoln Trail Area Development District (East)	2101200	Kentucky	11,700	23.2	1,600	3.2	5,000	9.8	5,100	10.2	21060	Elizabethtown-Fort Knox, KY
Lee County (Northwest)-Cape Coral City	1207102	Florida	22,400	23.2	4,300	4.4	8,300	8.6	9,800	10.1	15980	Cape Coral-Fort Myers, FL
Riverside County (Southwest)Murrieta & Wildomar Cities	0606504	California	14,000	23.2	2,600	4.2	6,300	10.5	5,100	8.4	40140	Riverside-San Bernardino-Ontario, CA
Regional Planning Commission 7New Orleans City (Central)	2202401	Louisiana	11,700	23.2	2,100	4.3	5,600	11.1	4,000	7.9	35380	New Orleans-Metairie, LA
Camden County (Central)Lindenwold & Collingswood Boroughs	3402102	New Jersey	15,100	23.2	2,300	3.6	7,800	11.9	5,000	7.6	37980	Philadelphia-Camden-Wilmington, PA-NJ- DE-MD
Tulsa County (Central)Tulsa City (Central)	4001201	Oklahoma	23,500	23.2	5,900	5.8	10,100	10.0	7,600	7.5	46140	Tulsa, OK
Cuyahoga County (Northeast)Euclid, Cleveland Heights & South Euclid Cities	3900909	Ohio	14,600	23.2	3,700	5.9	6,500	10.4	4,400	7.0	17460	Cleveland-Elyria, OH
Pulaski County (Central)Little Rock City	0501000	Arkansas	20,200	23.2	4,300	5.0	9,800	11.3	6,000	7.0	30780	Little Rock-North Little Rock-Conway, AR
Denton County (Central)Denton (Central) & Corinth Cities	4802005	Texas	16,600	23.2	6,200	8.6	5,500	7.7	4,900	6.9	19100	Dallas-Fort Worth-Arlington, TX
Orange County (Southwest)-San Clemente, Laguna Niguel & San Juan Capistrano Cities	0605901	California	20,200	23.2	5,500	6.3	9,300	10.7	5,400	6.2	31080	Los Angeles-Long Beach-Anaheim, CA
Atlanta Regional Commission (Central)DeKalb County (Northeast)Tucker	1302003	Georgia	18,700	23.2	7,600	9.4	6,200	7.7	4,900	6.1	12060	Atlanta-Sandy Springs-Roswell, GA
NYC-Brooklyn Community District 10Bay Ridge & Dyker Heights	3604013	New York	11,300	23.2	3,700	7.5	5,300	10.8	2,400	4.9	35620	New York-Newark-Jersey City, NY-NJ-PA
DuPage County (South Central)Lisle Township	1703203	Illinois	13,900	23.2	6,100	10.3	5,500	9.2	2,200	3.7	16980	Chicago-Naperville-Elgin, IL-IN-WI
Contra Costa County-Walnut Creek (West), Lafayette, Orinda Cities & Moraga Town	0601304	California	13,200	23.2	5,400	9.4	6,300	11.0	s	s	41860	San Francisco-Oakland-Hayward, CA

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			ALL S	STEM ations	S&E occ	upations		elated ations		ddle-skill ations	MSA	
PUMA name	PUMA ID	State	Number	Percent	Number	Percent	Number	Percent	Number	Percent	code	MSA title
Cumberland, White, Fentress & Van Buren Counties	4700800	Tennessee	9,500	23.1	600	1.4	3,100	7.5	5,800	14.2	na	na
Wapello, Mahaska, Washington, Jefferson, Keokuk, Davis & Van Buren Counties	1902200	lowa	11,900	23.1	1,100	2.1	4,400	8.6	6,400	12.4	26980	Iowa City, IA
Adams County (West Central)Commerce City & Brighton Cities	0800807	Colorado	22,300	23.1	3,900	4.1	7,000	7.3	11,300	11.7	19740	Denver-Aurora-Lakewood, CO
Horry County (West & North)–Conway City & Red Hill	4501101	South Carolina	14,200	23.1	1,500	2.5	5,500	8.9	7,200	11.7	34820	Myrtle Beach-Conway-North Myrtle Beach, SC-NC
Columbia, Levy, Bradford, Gilchrist, Dixie & Union Counties	1202300	Florida	16,500	23.1	2,000	2.8	6,400	9.0	8,100	11.4	23540	Gainesville, FL
South & West Albemarle Sound & Northern Outer Banks Regions	3700800	North Carolina	10,100	23.1	800	1.9	4,300	9.7	5,000	11.4	na	na
El Paso County (Central)Colorado Springs City (South) & Security-Widefield	0804105	Colorado	11,900	23.1	3,300	6.4	3,100	6.0	5,500	10.6	17820	Colorado Springs, CO
Houston City (West)Westpark Tollway, West of Beltway TX-8	4804637	Texas	14,900	23.1	4,800	7.4	3,300	5.2	6,800	10.5	26420	Houston-The Woodlands-Sugar Land, TX
Mohave & La Paz CountiesLake Havasu City	0400600	Arizona	18,400	23.1	3,300	4.1	6,700	8.4	8,400	10.5	29420	Lake Havasu City-Kingman, AZ
Alpine, Amador, Calaveras, Inyo, Mariposa, Mono & Tuolumne Counties	0600300	California	18,400	23.1	4,100	5.1	6,100	7.7	8,200	10.2	na	na
Honolulu CountyCentral Oahu	1500307	Hawaii	14,800	23.1	3,300	5.1	5,200	8.2	6,300	9.9	46520	Urban Honolulu, HI
Central New HampshireMerrimack County (Central)Concord City	3300400	New Hampshire	13,400	23.1	2,100	3.6	6,000	10.3	5,300	9.2	na	na
Montgomery County (Northeast)–Huber Heights, Trotwood, Vandalia & Englewood Cities	3904602	Ohio	14,500	23.1	2,200	3.5	7,500	12.0	4,800	7.7	19380	Dayton, OH
Lee County (South & West)Barrier Islands Region	1207101	Florida	10,600	23.1	2,600	5.8	4,600	10.0	3,400	7.3	15980	Cape Coral-Fort Myers, FL
Forsyth County (Outside Winston-Salem City)Kernersville Town & Clemmons Village	3701803	North Carolina	15,600	23.1	3,900	5.8	6,900	10.2	4,800	7.1	49180	Winston-Salem, NC
Monroe County (Central)-Rochester City (West)	3600903	New York	9,300	23.1	2,200	5.4	4,600	11.3	2,600	6.5	40380	Rochester, NY
Anne Arundel County (Central)Severna Park, Arnold & Lake Shore	2401203	Maryland	16,800	23.1	7,000	9.6	5,700	7.8	4,200	5.7	12580	Baltimore-Columbia-Towson, MD
San Diego County (Southwest)-Sweetwater Region-Chula Vista City (East)	0607320	California	17,900	23.1	4,800	6.1	8,800	11.3	4,400	5.7	41740	San Diego-Carlsbad, CA
Hennepin County-Plymouth, Maple Grove (West) & Medicine Lake Cities	2701402	Minnesota	15,400	23.1	6,700	10.0	5,200	7.8	3,500	5.2	33460	Minneapolis-St. Paul-Bloomington, MN-WI
Bergen County (Central)Ridgewood Village, Glen Rock & Westwood Boroughs	3400308	New Jersey	12,400	23.1	4,700	8.7	5,800	10.8	1,900	3.5	35620	New York-Newark-Jersey City, NY-NJ-PA
Logan, Champaign & Hardin Counties	3902700	Ohio	11,700	23.0	900	1.8	2,800	5.5	7,900	15.7	na	na
Buffalo Trace & Gateway Area Development Districts	2102700	Kentucky	12,700	23.0	1,400	2.6	3,400	6.2	7,800	14.2	17140	Cincinnati, OH-KY-IN
Adams, Pike, Brown, Schuyler & Mason Counties	1700300	Illinois	10,500	23.0	1,800	4.0	2,400	5.2	6,300	13.8	na	na
Permian Basin Regional Planning Commission (Central)Midland County Midland City	4803000	Texas	20,000	23.0	3,900	4.5	4,800	5.5	11,300	13.0	33260	Midland, TX
Henderson, Hardeman, McNairy, Hardin, Haywood & Decatur Counties	4702900	Tennessee	12,300	23.0	900	1.7	4,600	8.6	6,800	12.7	na	na
Central Shenandoah Planning District Commission (Northeast)	5151110	Virginia	15,700	23.0	2,200	3.2	5,300	7.8	8,200	12.0	25500	Harrisonburg, VA
McHenry County (Southeast)Algonquin, McHenry & Nunda Townships	1703602		20,100	23.0	4,200	4.8	5,800	6.7	10,100	11.6	16980	Chicago-Naperville-Elgin, IL-IN-WI
Northwest Montana–Kalispell City	3000100	Montana	15,100	23.0	1,900	2.9	5,700	8.7	7,500	11.3	na	, , ,
Allegheny County (Southeast)West Mifflin Borough, McKeesport City & Munhall Borough		Pennsylvania	10,400	23.0	1,200	2.7	4,200	9.2	5,000	11.1	38300	Pittsburgh, PA
Ark-Tex COG (East)Bowie & Cass Counties	4801100	Texas	10,700	23.0	1,700	3.7	3,900	8.3	5,100	10.9	45500	Texarkana, TX-AR

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# STEM workers, by occupation group and Public Use Microdata Area: 2021

(Number and percent)

(Number and percent)			ALL S		S&E occi	upations		elated ations	STEM mi	ddle-skill ations	MSA	
PUMA name	PUMA ID	State	Number	Percent	Number	Percent	Number	Percent	Number	Percent	code	MSA title
Kent County (North)	2601004	Michigan	14,200	23.0	3,500	5.7	4,300	7.0	6,400	10.3	24340	Grand Rapids-Wyoming, MI
Knox, Stark, Bureau, Marshall & Woodford Counties	1702501	Illinois	14,300	23.0	2,800	4.6	5,200	8.4	6,200	10.0	37900	Peoria, IL
Plymouth & Bristol Counties (Outside Brockton City)	2504901	Massachusetts	14,700	23.0	3,000	4.7	5,600	8.8	6,100	9.5	14460	Boston-Cambridge-Newton, MA-NH
Macomb County (Southeast)Mount Clemens & Fraser Area	2603004	Michigan	17,700	23.0	5,300	6.9	5,400	7.1	6,900	9.0	19820	Detroit-Warren-Dearborn, MI
Coordinating & Development Corporation 3-Bossier & Webster Parishes	2200200	Louisiana	14,400	23.0	2,200	3.6	6,600	10.5	5,600	8.9	43340	Shreveport-Bossier City, LA
Camden County (South & West)Bellmawr & Pine Hill Boroughs	3402103	New Jersey	17,100	23.0	3,800	5.1	6,800	9.2	6,400	8.7	37980	Philadelphia-Camden-Wilmington, PA-NJ- DE-MD
Anchorage Municipality (North)	0200101	Alaska	12,900	23.0	1,900	3.4	6,300	11.2	4,700	8.4	11260	Anchorage, AK
Gaston County (Southeast)Gastonia & Belmont Cities	3703002	North Carolina	13,400	23.0	2,800	4.8	5,800	9.9	4,800	8.3	16740	Charlotte-Concord-Gastonia, NC-SC
Placer County (East/High Country Region)Auburn & Colfax Cities	0606103	California	11,500	23.0	3,100	6.2	4,400	8.9	4,000	8.0	40900	SacramentoRosevilleArden-Arcade, CA
Burlington County (South & East)	3402003	New Jersey	16,700	23.0	3,900	5.3	7,100	9.9	5,700	7.8	37980	Philadelphia-Camden-Wilmington, PA-NJ- DE-MD
Tarrant County (South Central)-Fort Worth City (Southeast)-South of I-20	4802506	Texas	15,200	23.0	2,900	4.3	7,200	10.8	5,200	7.8	19100	Dallas-Fort Worth-Arlington, TX
Atlanta Regional Commission (Northeast)—Gwinnett County (West Central)— Duluth City	1304001	Georgia	17,900	23.0	6,200	7.9	5,900	7.6	5,900	7.5	12060	Atlanta-Sandy Springs-Roswell, GA
Columbus (North), Westerville & Worthington Cities	3904102	Ohio	12,600	23.0	5,200	9.4	3,900	7.2	3,500	6.4	18140	Columbus, OH
KIPDA Area Development District (West)-Louisville/Jefferson County (Southeast)	2101704	Kentucky	14,800	23.0	4,200	6.4	6,700	10.4	4,000	6.2	31140	Louisville/Jefferson County, KY-IN
Southern Georgia Regional Commission (East & Central)	1300500	Georgia	13,900	22.9	s	s	4,600	7.5	9,200	15.2	15260	Brunswick, GA
Crater Planning District Commission	5151135	Virginia	15,400	22.9	2,200	3.3	4,400	6.5	8,800	13.1	40060	Richmond, VA
Clermont (East) & Brown Counties	3905700	Ohio	10,800	22.9	1,600	3.4	3,100	6.5	6,100	13.0	17140	Cincinnati, OH-KY-IN
Brunswick County	3704800	North Carolina	13,100	22.9	1,500	2.5	4,300	7.5	7,400	12.9	34820	Myrtle Beach-Conway-North Myrtle Beach, SC-NC
Genesee County (Central, Outside Flint City)	2601702	Michigan	9,400	22.9	800	1.9	3,300	8.1	5,300	12.9	22420	Flint, MI
Deep East Texas COG (East)	4804100	Texas	8,900	22.9	1,300	3.3	2,600	6.8	5,000	12.8	13140	Beaumont-Port Arthur, TX
Summit County (Central)Akron City (East)	3901803	Ohio	10,000	22.9	1,200	2.8	3,200	7.3	5,600	12.8	10420	Akron, OH
Sevier & Jefferson Counties	4701500	Tennessee	15,000	22.9	2,100	3.2	4,900	7.5	8,000	12.2	34100	Morristown, TN
Chautauqua County	3602600	New York	10,900	22.9	1,300	2.8	3,900	8.1	5,700	12.0	na	na
Wyandotte CountyKansas City	2000500	Kansas	16,500	22.9	3,400	4.7	4,900	6.8	8,200	11.4	28140	Kansas City, MO-KS
Eaton & Clinton Counties	2601900	Michigan	19,600	22.9	4,400	5.1	5,800	6.8	9,400	11.0	29620	Lansing-East Lansing, MI
Purchase Area Development District	2100100	Kentucky	19,400	22.9	2,700	3.2	7,500	8.9	9,200	10.8	na	na
Carteret, Beaufort & Pamlico Counties	3704400	North Carolina	11,300	22.9	1,300	2.7	4,600	9.4	5,400	10.8	35100	New Bern, NC
Clark County	3904300	Ohio	14,100	22.9	2,000	3.3	5,600	9.1	6,500	10.5	44220	, 3
Erie County (Central)	3601204		17,600	22.9	2,900	3.8	6,900	9.0	7,800	10.1		Buffalo-Cheektowaga-Niagara Falls, NY
Allegheny County (West)	4201801	Pennsylvania	12,800	22.9	3,600	6.5	4,500	8.1	4,600	8.2	38300	Pittsburgh, PA

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(Number and percent)

				STEM ations	S&E occ	upations	S&E-roccup	elated ations		iddle-skill ations	MSA	
PUMA name	PUMA ID	State	Number	Percent	Number	Percent	Number	Percent	Number	Percent	code	MSA title
St. Charles County (Northwest)	2901702	Missouri	19,300	22.9	6,000	7.1	6,500	7.8	6,700	8.0	41180	St. Louis, MO-IL
Tolland County	0901300	Connecticut	16,900	22.9	5,500	7.4	5,600	7.6	5,800	7.8	25540	Hartford-West Hartford-East Hartford, CT
Barnstable County (West)-Inner Cape Cod Towns & Barnstable Town City	2504700	Massachusetts	15,700	22.9	3,800	5.5	6,700	9.7	5,300	7.7	12700	Barnstable Town, MA
Kanawha & Clay CountiesCharleston City	5401000	West Virginia	17,000	22.9	3,600	4.9	8,000	10.8	5,300	7.2	16620	Charleston, WV
Sandoval County	3500600	New Mexico	14,300	22.9	3,900	6.2	6,200	9.9	4,200	6.7	10740	Albuquerque, NM
Atlanta Regional Commission (Central)-Fulton County (South)Union & Fairburn Cities	1301004	Georgia	16,500	22.9	3,300	4.6	9,100	12.6	s	s	12060	Atlanta-Sandy Springs-Roswell, GA
Orange County (Northeast)	1209510	Florida	16,300	22.9	5,000	7.0	7,500	10.5	3,800	5.4		Orlando-Kissimmee-Sanford, FL
Three Rivers Regional Commission (Northwest)Carroll County	1302300		12,400	22.8	1,900	3.5	2,700	5.1	7,700	14.2		Atlanta-Sandy Springs-Roswell, GA
San Joaquin County (North)-Lodi, Ripon & Escalon Cities	0607704		18,000	22.8	1,900	2.4	5,000	6.4	11,100	14.0		Stockton-Lodi, CA
Marion County (Outside Salem & Keizer Cities)Woodburn & Silverton Cities	4101105		12,100	22.8	1,700	3.2	3,000	5.6	7,400	13.9		Salem, OR
Pope, Johnson, Yell, Conway & Perry Counties		Arkansas	13,700	22.8	1,200	2.0	4,200	7.0	8,300	13.7		Little Rock-North Little Rock-Conway, AR
Salt Lake CountyWest Valley City (Central), Salt Lake City (South Central) & Kearns	4935003	Utah	12,900	22.8	2,300	4.0	3,100	5.4	7,600	13.4		Salt Lake City, UT
Fayette County	4203900	Pennsylvania	12,000	22.8	1,100	2.0	4,100	7.9	6,800	12.9		Pittsburgh, PA
Lincoln Trail Area Development District (West)	2101300		14,900	22.8	1,600	2.5	5,000	7.6	8,300	12.7		Elizabethtown-Fort Knox, KY
Wilkesboro High CountrySurry, Wilkes & Alleghany Counties	3700200	North Carolina	13,200	22.8	900	1.5	5,000	8.6	7,300	12.6	na	na
Texoma COG-Grayson, Cooke & Fannin Counties	4800800	Texas	22,400	22.8	3,600	3.6	6,600	6.7	12,200	12.4	43300	Sherman-Denison, TX
Athens, Gallia & Meigs Counties	3905000	Ohio	10,600	22.8	1,200	2.7	3,800	8.1	5,600	12.1	na	na
Los Angeles County (North Central)Palmdale City	0603704	California	15,900	22.8	2,300	3.2	5,300	7.5	8,400	12.0	31080	Los Angeles-Long Beach-Anaheim, CA
Houston, Dale, Geneva & Henry Counties-Dothan City	0102500	Alabama	18,100	22.8	1,100	1.4	7,600	9.6	9,300	11.8	20020	Dothan, AL
Moore & Montgomery Counties	3703700	North Carolina	12,000	22.8	1,200	2.3	5,100	9.6	5,800	10.9	na	na
Honolulu CountyEwa	1500308	Hawaii	14,300	22.8	2,100	3.4	5,400	8.7	6,700	10.7	46520	Urban Honolulu, HI
Nashville-Davidson (East)	4702501	Tennessee	20,400	22.8	3,700	4.1	7,400	8.2	9,300	10.4	34980	Nashville-DavidsonMurfreesboro Franklin, TN
Russell, Pike, Barbour, Macon & Bullock Counties	0102400	Alabama	11,700	22.8	2,800	5.5	3,800	7.5	5,000	9.8	17980	Columbus, GA-AL
Flagler & Volusia (North Central) Counties	1203500	Florida	11,100	22.8	2,800	5.8	3,500	7.3	4,700	9.7	19660	Deltona-Daytona Beach-Ormond Beach, FL
Spokane County (South Central)-Spokane City (South)	5310502	Washington	13,500	22.8	2,800	4.7	5,800	9.8	4,900	8.3	44060	Spokane-Spokane Valley, WA
Jackson County (Outside Medford & Central Point Cities)Ashland City	4100902	Oregon	10,000	22.8	2,700	6.1	3,800	8.5	3,600	8.1	32780	Medford, OR
Maricopa CountyGlendale City (North)	0400126	Arizona	14,200	22.8	4,100	6.6	5,200	8.4	4,800	7.8	38060	Phoenix-Mesa-Scottsdale, AZ
Franklin & Hampshire (North) Counties	2500200	Massachusetts	13,200	22.8	3,700	6.5	5,000	8.7	4,400	7.7	44140	Springfield, MA
Richmond City	5151235	Virginia	26,400	22.8	7,600	6.6	11,000	9.5	7,800	6.8	40060	Richmond, VA
Pinellas County (West Central)-Greater Seminole City	1210305	Florida	11,200	22.8	3,000	6.1	4,900	9.9	3,400	6.8	45300	Tampa-St. Petersburg-Clearwater, FL
DuPage County (Central)Milton Township	1703202	Illinois	13,200	22.8	4,200	7.2	5,800	10.1	3,200	5.5	16980	Chicago-Naperville-Elgin, IL-IN-WI

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				STEM ations	S&E occ	upations	S&E-re			ddle-skill ations	MSA	
PUMA name	PUMA ID	State	Number	Percent	Number	Percent	Number	Percent	Number	Percent	code	MSA title
Chicago City (North)West Ridge, Lincoln Square & North Center	1703503	Illinois	18,600	22.8	6,500	8.0	8,500	10.4	3,600	4.4	16980	Chicago-Naperville-Elgin, IL-IN-WI
Morris County (South)Morristown Town, Madison & Florham Park Boroughs	3401504	New Jersey	15,500	22.8	6,400	9.4	6,400	9.4	2,700	4.0	35620	New York-Newark-Jersey City, NY-NJ-PA
Orange County (West Central)Newport Beach, Aliso Viejo & Laguna Hills Cities	0605903	California	23,000	22.8	10,500	10.4	9,200	9.1	3,300	3.3	31080	Los Angeles-Long Beach-Anaheim, CA
Salt Lake County (Northwest)Salt Lake City (West), West Valley City (West) & Magna	4935001	Utah	12,400	22.7	2,000	3.7	s	s	8,400	15.5	41620	Salt Lake City, UT
Oklahoma County (Southeast)–Oklahoma City (East Central)	4001005	Oklahoma	11,200	22.7	2,400	4.9	2,500	5.2	6,200	12.6	36420	Oklahoma City, OK
Rowan County	3703400	North Carolina	14,000	22.7	2,400	3.8	3,800	6.2	7,800	12.6	16740	Charlotte-Concord-Gastonia, NC-SC
San Bernardino County (Southwest)Phelan, Lake Arrowhead & Big Bear City	0607104	California	10,600	22.7	2,100	4.5	2,700	5.8	5,800	12.3	40140	Riverside-San Bernardino-Ontario, CA
Fort Worth City (North Central) & Haltom City (North)Inside Loop I-820	4802512	Texas	12,400	22.7	2,600	4.8	3,200	5.8	6,600	12.1	19100	Dallas-Fort Worth-Arlington, TX
New Britain, Berlin & Plainville Towns	0900305	Connecticut	12,500	22.7	2,500	4.5	3,800	6.9	6,200	11.4	25540	Hartford-West Hartford-East Hartford, CT
Kershaw, Richland (South) & Calhoun Counties	4500605	South Carolina	9,800	22.7	1,700	3.9	3,300	7.7	4,800	11.1	17900	Columbia, SC
Catawba County-Hickory City	3702800	North Carolina	16,000	22.7	2,400	3.4	5,800	8.2	7,800	11.1	25860	Hickory-Lenoir-Morganton, NC
Del Norte, Lassen, Modoc, Plumas & Siskiyou Counties	0601500	California	9,800	22.7	1,200	2.7	3,900	8.9	4,800	11.1	na	na
Walla Walla, Benton (Outer) & Franklin (Outer) Counties	5310703	Washington	11,100	22.7	1,300	2.7	4,400	9.0	5,400	11.1	28420	Kennewick-Richland, WA
Kent CountyDover City	1000200	Delaware	18,000	22.7	3,000	3.7	6,400	8.1	8,600	10.9	20100	Dover, DE
Spokane County (Outer)Cheney City	5310504	Washington	11,800	22.7	2,700	5.2	3,600	7.0	5,400	10.5	44060	Spokane-Spokane Valley, WA
Volusia CountyPort Orange, Edgewater, New Smyrna Beach (East) & Oak Hill Cities	1212703	Florida	13,000	22.7	2,600	4.5	4,600	8.0	5,800	10.1	19660	Deltona-Daytona Beach-Ormond Beach, FL
Atlanta Regional Commission (Southeast)Henry County (North)Stockbridge City	1306002	Georgia	11,500	22.7	3,100	6.1	3,800	7.5	4,600	9.2	12060	Atlanta-Sandy Springs-Roswell, GA
NYC-Staten Island Community District 1Port Richmond, Stapleton & Mariner's Harbor	3603903	New York	18,000	22.7	3,100	3.9	7,900	9.9	7,000	8.8	35620	New York-Newark-Jersey City, NY-NJ-PA
Atlantic County (Outside Somers Point City)Pleasantville City & Hammonton Town	3400102	New Jersey	16,600	22.7	2,900	4.0	7,600	10.4	6,000	8.3	12100	Atlantic City-Hammonton, NJ
Orange County (Northwest)-Buena Park, Cypress & Seal Beach Cities	0605908	California	17,900	22.7	4,100	5.2	7,700	9.7	6,100	7.8	31080	Los Angeles-Long Beach-Anaheim, CA
Miami-Dade County (North Central)Greater Miami Lakes Town	1208601	Florida	15,200	22.7	3,200	4.8	6,800	10.2	5,200	7.8	33100	Miami-Fort Lauderdale-West Palm Beach, FL
Maricopa CountyMesa City (East)	0400101	Arizona	20,100	22.7	6,100	6.8	7,200	8.2	6,800	7.7	38060	Phoenix-Mesa-Scottsdale, AZ
Duval County (East)Jacksonville City (Beaches)	1203104	Florida	16,200	22.7	3,000	4.2	8,800	12.2	4,500	6.2	27260	Jacksonville, FL
NYC-Brooklyn Community District 15-Sheepshead Bay, Gerritsen Beach & Homecrest	3604016	New York	14,700	22.7	3,800	5.9	7,000	10.9	3,800	5.9	35620	New York-Newark-Jersey City, NY-NJ-PA
Phoenix City (Northeast Central)	0400114	Arizona	12,600	22.7	3,900	7.1	5,600	10.0	3,100	5.6	38060	Phoenix-Mesa-Scottsdale, AZ
Independence, Cleburne, Van Buren, Sharp, Izard, Stone & Fulton Counties	0500400	Arkansas	10,400	22.6	400	0.9	3,000	6.5	7,000	15.2	na	na
Houston City (Northeast)-Between Loop I-610 & Beltway TX-8	4804607	Texas	9,800	22.6	1,100	2.6	2,200	5.1	6,400	14.8	26420	Houston-The Woodlands-Sugar Land, TX
Stanislaus County (Southwest)Ceres, Patterson & Newman Cities	0609901	California	11,600	22.6	1,000	1.9	3,700	7.3	6,900	13.4	33700	Modesto, CA
Lakes RegionBelknap, Carroll & Merrimack (Northern) Counties	3300200	New Hampshire	13,700	22.6	2,300	3.8	3,400	5.6	8,000	13.2	na	na

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(Number and percent)

(Number and percent)				STEM ations	S&E occ	upations	S&E-ro		STEM mi		MSA	
PUMA name	PUMA ID	State	Number	Percent	Number	Percent	Number	Percent	Number		code	MSA title
Pasco County (Gulf Coast)	1210103	Florida	12,300	22.6	2,000	3.7	3,600	6.6	6,700	12.3	45300	Tampa-St. Petersburg-Clearwater, FL
Cook County (West Central)-Lyons & Stickney Townships	1703409	Illinois	15,800	22.6	2,300	3.3	5,100	7.2	8,500	12.1	16980	Chicago-Naperville-Elgin, IL-IN-WI
Clinton, Franklin, Essex & Hamilton Counties	3600200	New York	16,500	22.6	1,600	2.1	6,900	9.4	8,100	11.1	na	na
South MaineYork (West) & Cumberland (West) Counties	2300800	Maine	21,200	22.6	4,800	5.1	6,900	7.3	9,500	10.2	38860	Portland-South Portland, ME
Androscoggin County	2300600	Maine	11,700	22.6	3,100	5.9	3,500	6.9	5,100	9.8	30340	Lewiston-Auburn, ME
Broward County (East Central)Fort Lauderdale City (Central)	1201108	Florida	18,400	22.6	4,400	5.4	6,100	7.5	7,900	9.7	33100	Miami-Fort Lauderdale-West Palm Beach, FL
Phoenix City (Northwest Central)	0400115	Arizona	12,000	22.6	2,900	5.5	4,100	7.7	5,000	9.4	38060	Phoenix-Mesa-Scottsdale, AZ
Winnebago County	5501501	Wisconsin	19,900	22.6	3,600	4.1	8,200	9.3	8,100	9.2	36780	Oshkosh-Neenah, WI
Franklin County (South)Columbus (South), Grove Cities & Groveport Village	3904109	Ohio	12,400	22.6	3,400	6.2	4,200	7.6	4,800	8.8	18140	Columbus, OH
Los Angeles County (Southeast)Whittier City & Hacienda Heights	0603739	California	17,300	22.6	4,200	5.5	6,400	8.4	6,700	8.8	31080	Los Angeles-Long Beach-Anaheim, CA
Anoka County (East)Blaine, Lino Lakes & Ham Lake Cities	2701103	Minnesota	14,400	22.6	3,500	5.6	5,700	9.0	5,100	8.0	33460	Minneapolis-St. Paul-Bloomington, MN-WI
St. Charles County (Northeast)	2901703	Missouri	15,700	22.6	5,400	7.8	4,800	7.0	5,400	7.8	41180	St. Louis, MO-IL
Westchester County (Northwest)	3603102		16,200	22.6	4,000	5.6	6,700	9.4	5,500	7.6	35620	New York-Newark-Jersey City, NY-NJ-PA
Roanoke Valley-Alleghany Regional Commission (Roanoke, Salem Cities & Vinton Town)	5151044	Virginia	13,600	22.6	2,600	4.3	6,700	11.1	4,400	7.3	40220	Roanoke, VA
Orange County (Northwest)-Westminster, Stanton & Garden Grove (West) Cities	0605912	California	15,900	22.6	4,400	6.2	6,500	9.1	5,100	7.2	31080	Los Angeles-Long Beach-Anaheim, CA
Chicago City (Northwest)Portage Park, Dunning & Jefferson Park	1703520	Illinois	14,200	22.6	4,400	7.0	5,400	8.6	4,400	7.1	16980	Chicago-Naperville-Elgin, IL-IN-WI
Tucson (West) & Marana Cities	0400202	Arizona	13,400	22.6	3,100	5.3	6,100	10.3	4,200	7.1	46060	Tucson, AZ
Nassau & Baker Counties	1208900	Florida	12,200	22.6	2,200	4.1	6,400	11.9	s	6.6	27260	Jacksonville, FL
Cook County (North)-Wheeling Township (North & East)	1703415	Illinois	15,700	22.6	5,400	7.7	6,000	8.6	4,400	6.3	16980	Chicago-Naperville-Elgin, IL-IN-WI
Collin County (Southwest)Plano City (Central)	4801903	Texas	12,500	22.6	6,100	11.1	3,200	5.9	3,100	5.7	19100	Dallas-Fort Worth-Arlington, TX
Dallas (West Central), University Park Cities & Highland Park Town	4802312	Texas	13,000	22.6	4,200	7.2	5,900	10.2	3,000	5.2	19100	Dallas-Fort Worth-Arlington, TX
Atlanta Regional Commission (Central)Fulton County (Central)Atlanta City (North)	1301006	Georgia	19,400	22.6	8,400	9.7	8,900	10.3	s	s	12060	Atlanta-Sandy Springs-Roswell, GA
Los Angeles County (Southeast)La Mirada & Santa Fe Springs Cities	0603754	California	15,000	22.5	1,900	2.8	4,000	6.0	9,200	13.8	31080	Los Angeles-Long Beach-Anaheim, CA
South Plains Association of Governments (Outside Lubbock County)	4800400	Texas	10,500	22.5	500	1.0	4,200	8.9	5,900	12.5	31180	Lubbock, TX
NYC-Queens Community District 3–Jackson Heights & North Corona	3604102	New York	16,300	22.5	2,600	3.6	4,700	6.5	9,000	12.4	35620	New York-Newark-Jersey City, NY-NJ-PA
Oklahoma County (Southwest)-Oklahoma City (West Central)	4001001	Oklahoma	11,100	22.5	1,200	2.5	3,900	7.8	6,000	12.2	36420	Oklahoma City, OK
Gaston County (Northwest)Mount Holly City	3703001	North Carolina	10,500	22.5	1,700	3.6	3,800	8.1	5,000	10.8	16740	Charlotte-Concord-Gastonia, NC-SC
Alamance CountyBurlington City	3701600	North Carolina	17,600	22.5	2,800	3.5	6,600	8.4	8,200	10.5	15500	Burlington, NC
Rock Island County	1700105	Illinois	13,300	22.5	2,800	4.7	4,300	7.3	6,200	10.4	19340	Davenport-Moline-Rock Island, IA-IL
Orange County (North Central)Anaheim City (East)	0605910	California	22,500	22.5	6,100	6.1	6,600	6.6	9,700	9.7	31080	Los Angeles-Long Beach-Anaheim, CA

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(Number and percent)

			ALL S	STEM ations	S&E occi	upations	S&E-re	elated ations	STEM mi	ddle-skill ations	MSA	
PUMA name	PUMA ID	State	Number	Percent	Number	Percent	Number	Percent	Number	Percent	code	MSA title
Maricopa CountyGoodyear, Glendale (West) & Litchfield Park (Northwest) Cities	0400132	Arizona	15,700	22.5	3,800	5.4	6,300	9.0	5,600	8.1	38060	Phoenix-Mesa-Scottsdale, AZ
Honolulu CountyMoanalua to Pearl City	1500306	Hawaii	12,400	22.5	3,600	6.6	4,500	8.1	4,300	7.9	46520	Urban Honolulu, HI
Cleveland City (Central)	3900906	Ohio	12,000	22.5	2,200	4.2	5,600	10.6	4,200	7.8	17460	Cleveland-Elyria, OH
Bexar County (Northeast)-San Antonio (Northeast), Universal City & Converse Cities	4805916	Texas	14,200	22.5	4,100	6.5	5,300	8.5	4,700	7.5	41700	San Antonio-New Braunfels, TX
Putnam County	3603101	New York	10,700	22.5	2,100	4.4	5,200	11.0	3,400	7.2	35620	New York-Newark-Jersey City, NY-NJ-PA
Los Angeles County (Northwest)LA City (Northwest/Encino & Tarzana)	0603724	California	18,300	22.5	4,300	5.3	8,200	10.1	5,800	7.1	31080	Los Angeles-Long Beach-Anaheim, CA
Norwalk, Westport & Darien Towns	0900103	Connecticut	14,500	22.5	4,200	6.6	6,500	10.0	3,800	5.9	14860	Bridgeport-Stamford-Norwalk, CT
Rockland County (West)Spring Valley, Suffern Villages & Monsey	3603003	New York	9,600	22.5	2,800	6.5	4,400	10.2	2,500	5.8	35620	New York-Newark-Jersey City, NY-NJ-PA
Salt Lake County (East Central)Murray (East), Holladay Cities & Millcreek	4935005	Utah	18,100	22.5	6,100	7.6	8,700	10.9	3,200	4.0	41620	Salt Lake City, UT
Orange County (Southeast)Rancho Santa Margarita City (East) & Ladera Ranch	0605915	California	12,600	22.5	5,600	9.9	5,300	9.5	s	s	31080	Los Angeles-Long Beach-Anaheim, CA
NYC-Manhattan Community District 1 & 2Battery Park City, Greenwich Village & Soho	3603810	New York	20,400	22.5	10,600	11.7	8,000	8.8	s	S	35620	New York-Newark-Jersey City, NY-NJ-PA
Acadiana Regional Development District 5Iberia, St. Mary & St. Martin Parishes	2201300	Louisiana	14,400	22.4	900	1.4	5,200	8.2	8,300	12.9	29180	Lafayette, LA
Northeast Region-Marshall, Alcorn, Prentiss, Tippah, Tishomingo & Benton Counties	2800200	Mississippi	12,700	22.4	1,500	2.6	4,200	7.4	7,000	12.4	32820	Memphis, TN-MS-AR
Pulaski, Camden, Miller & Morgan Counties	2901400	Missouri	11,100	22.4	s	s	4,100	8.3	6,000	12.1	na	na
Livingston & Wyoming Counties	3601300	New York	10,000	22.4	1,600	3.7	3,000	6.7	5,400	12.0	40380	Rochester, NY
Maricopa County-Avondale (Central) & Litchfield Park (Central) Cities	0400133	Arizona	13,600	22.4	1,800	2.9	4,800	7.9	7,100	11.7	38060	Phoenix-Mesa-Scottsdale, AZ
Sumter, Clarendon, Williamsburg & Lee Counties-Sumter City	4500800	South Carolina	15,600	22.4	2,200	3.2	5,500	7.9	7,900	11.3	44940	Sumter, SC
Salem & Cumberland (North) CountiesBridgeton City	3402500	New Jersey	9,700	22.4	1,600	3.7	3,400	7.8	4,700	11.0	37980	Philadelphia-Camden-Wilmington, PA-NJ- DE-MD
Westmoreland County (East)	4202003	Pennsylvania	9,700	22.4	1,200	2.7	3,800	8.8	4,800	10.9	38300	Pittsburgh, PA
Montgomery & Stewart CountiesClarksville City	4700300	Tennessee	22,300	22.4	5,400	5.4	6,100	6.1	10,800	10.8	17300	Clarksville, TN-KY
Lenoir, Onslow (North) & Jones Counties	3704100	North Carolina	9,900	22.4	1,500	3.5	3,600	8.2	4,700	10.8	27340	Jacksonville, NC
Cincinnati City (West)	3905503	Ohio	10,200	22.4	2,900	6.5	S	6.0	4,500	10.0	17140	Cincinnati, OH-KY-IN
King County (Southwest)Auburn City & Lakeland	5311614	Washington	13,200	22.4	3,700	6.3	3,700	6.3	5,800	9.8	42660	Seattle-Tacoma-Bellevue, WA
Maricopa County-Mesa City (West)	0400103	Arizona	13,400	22.4	3,200	5.3	4,300	7.2	5,900	9.8	38060	Phoenix-Mesa-Scottsdale, AZ
West Central Texas COG-Taylor County-Abilene City	4802700	Texas	14,300	22.4	1,600	2.5	6,500	10.2	6,200	9.8	10180	Abilene, TX
Stearns CountySt. Cloud City	2700900	Minnesota	17,900	22.4	2,900	3.7	7,400	9.2	7,600	9.5	41060	St. Cloud, MN
Arapahoe (Northwest) & Adams (Southwest) Counties-Aurora City (Northwest)	0800810	Colorado	14,100	22.4	3,500	5.6	4,600	7.4	5,900	9.4	19740	Denver-Aurora-Lakewood, CO
Lawrence, Giles, Wayne, Lewis & Perry Counties	4702800	Tennessee	10,400	22.4	1,300	2.7	4,800	10.2	4,400	9.4	na	na
Lee County (Southeast)-Bonita Springs City & Estero (East)	1207105	Florida	12,300	22.4	2,100	3.9	5,200	9.4	5,000	9.2		Cape Coral-Fort Myers, FL
Green Bay City	5500200	Wisconsin	11,800	22.4	2,600	4.9	4,600	8.8	4,600	8.7	24580	Green Bay, WI

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PUMA name	PUMA ID	State	Number	Percent	Number	Percent	Number	Percent	Number	Percent	code	MSA title
Memphis City (Central Midtown)	4703202	Tennessee	12,600	22.4	1,900	3.4	5,800	10.4	4,800	8.6	32820	Memphis, TN-MS-AR
Muskingum & Perry Counties	3903700	Ohio	11,700	22.4	1,400	2.7	5,900	11.3	4,400	8.4	18140	Columbus, OH
South Plains Association of Governments-Lubbock County-Lubbock City (Outer)	4800502	Texas	22,100	22.4	2,900	3.0	11,600	11.8	7,500	7.7	31180	Lubbock, TX
Memphis City (Central Riverside)	4703201	Tennessee	12,400	22.4	3,300	6.0	5,400	9.9	3,600	6.5	32820	Memphis, TN-MS-AR
Harris County (Far North)Tomball City & The Woodlands (Southwest)	4804630	Texas	16,000	22.4	4,800	6.7	6,700	9.4	4,500	6.3	26420	Houston-The Woodlands-Sugar Land, TX
San Diego County (Northwest)-San Marcos & Escondido (West) Cities	0607305	California	12,900	22.4	5,200	9.1	4,400	7.7	3,200	5.7	41740	San Diego-Carlsbad, CA
San Francisco County (South Central)Sunset District (South)	0607506	California	11,600	22.4	5,200	10.0	4,500	8.6	1,900	3.7	41860	San Francisco-Oakland-Hayward, CA
Maricopa CountyScottsdale City (Southwest) & Paradise Valley Town	0400110	Arizona	16,700	22.4	7,500	10.1	6,700	9.0	2,400	3.2	38060	Phoenix-Mesa-Scottsdale, AZ
Logan, Polk, Franklin, Sevier, Howard & Scott Counties	0501500	Arkansas	9,000	22.3	S	S	2,300	5.8	6,000	15.0	na	na
Flint Hills Region-Emporia City	2000900	Kansas	9,900	22.3	1,000	2.3	3,000	6.8	5,800	13.2	na	na
Central Savannah River Area Regional Commission (West & Outside Richmond & Columbia)	1304200	Georgia	11,300	22.3	1,100	2.3	3,900	7.8	6,200	12.3	12260	Augusta-Richmond County, GA-SC
Eastern Upper Peninsula	2600200	Michigan	11,000	22.3	1,400	2.8	3,800	7.7	5,900	11.9	na	na
Bradford, Tioga & Sullivan Counties	4200400	Pennsylvania	9,800	22.3	1,100	2.5	3,600	8.3	5,000	11.4	na	na
Kenosha County	5510000	Wisconsin	18,400	22.3	4,100	4.9	5,200	6.2	9,200	11.2	16980	Chicago-Naperville-Elgin, IL-IN-WI
Three Rivers Regional Commission (North Central)Coweta County	1302100	Georgia	16,400	22.3	3,800	5.2	4,500	6.1	8,100	10.9	12060	Atlanta-Sandy Springs-Roswell, GA
Vigo CountyTerre Haute City	1801700	Indiana	10,100	22.3	s	3.8	3,500	7.7	4,900	10.8	45460	Terre Haute, IN
Los Angeles County (East Central)West Covina City	0603715	California	12,100	22.3	2,400	4.4	4,100	7.6	5,600	10.3	31080	Los Angeles-Long Beach-Anaheim, CA
Miami-Dade County (Central)Kendale Lakes (Southwest) & Kendall West (South)	1208619	Florida	10,000	22.3	1,900	4.2	3,600	8.2	4,400	9.9	33100	Miami-Fort Lauderdale-West Palm Beach, FL
St. Joseph County (North)-South Bend City	1800401	Indiana	11,200	22.3	2,400	4.8	3,800	7.7	4,900	9.8	43780	South Bend-Mishawaka, IN-MI
Manchester City	3300800	New Hampshire	14,900	22.3	4,400	6.5	4,000	6.0	6,500	9.7	31700	Manchester-Nashua, NH
York County (East)Rock Hill City & Fort Mill Town	4500502	South Carolina	16,700	22.3	3,100	4.2	6,300	8.5	7,200	9.7	16740	Charlotte-Concord-Gastonia, NC-SC
Lake (South) & Sumter (South) Counties	1206903	Florida	20,000	22.3	3,500	3.9	8,200	9.1	8,300	9.3	36740	Orlando-Kissimmee-Sanford, FL
Seminole County (North Central)	1211702	Florida	12,100	22.3	3,700	6.9	3,500	6.4	4,800	9.0	36740	Orlando-Kissimmee-Sanford, FL
Volusia County (Southwest Central)-Deltona & Lake Helen Cities	1212704	Florida	13,600	22.3	3,100	5.1	5,000	8.3	5,400	8.9	19660	Deltona-Daytona Beach-Ormond Beach, FL
Portland City (East)	4101302	Oregon	13,700	22.3	3,400	5.5	5,000	8.2	5,300	8.6	38900	Portland-Vancouver-Hillsboro, OR-WA
Erie County (Northwest)	3601201	New York	11,000	22.3	1,800	3.6	5,000	10.1	4,200	8.6	15380	Buffalo-Cheektowaga-Niagara Falls, NY
Pueblo County (North)Pueblo City & Pueblo West	0800700	Colorado	14,300	22.3	1,400	2.2	7,600	11.8	5,400	8.4	39380	Pueblo, CO
Maricopa CountyChandler City (Northeast)	0400106	Arizona	14,800	22.3	5,800	8.8	3,800	5.8	5,100	7.7	38060	Phoenix-Mesa-Scottsdale, AZ
Cook County (Southwest)Orland (West & Central), Palos & Lemont Townships	1703410	Illinois	17,300	22.3	4,500	5.8	6,800	8.7	6,000	7.7	16980	Chicago-Naperville-Elgin, IL-IN-WI
Mahoning County (Northeast)Youngstown City, Boardman & Austintown	3901500	Ohio	17,400	22.3	1,800	2.4	9,500	12.2	6,000	7.7	49660	Youngstown-Warren-Boardman, OH-PA
Charlotte City (Southwest)	3703105	North Carolina	15,900	22.3	6,700	9.4	4,300	6.1	4,900	6.8	16740	Charlotte-Concord-Gastonia, NC-SC

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PUMA name	PUMA ID	State	Number	Percent	Number	Percent		Percent		Percent	code	MSA title
DuPage County (Northwest)Bloomingdale (South), Wayne & Winfield (North) Townships	1703208	Illinois	19,200	22.3	5,700	6.7	7,600	8.9	5,800	6.7	16980	Chicago-Naperville-Elgin, IL-IN-WI
Maricopa CountyMesa City (South Central)	0400104	Arizona	10,800	22.3	3,400	7.0	4,300	8.8	3,100	6.4	38060	Phoenix-Mesa-Scottsdale, AZ
Los Angeles County-LA (Southwest/Marina del Rey & Westchester) & Culver City Cities	0603748	California	22,700	22.3	7,900	7.8	9,900	9.8	4,800	4.8	31080	Los Angeles-Long Beach-Anaheim, CA
Nassau County (Northeast)-Oyster Bay Town (North) & Glen Cove City	3603202	New York	11,300	22.3	1,700	3.4	7,500	14.8	2,000	4.0	35620	New York-Newark-Jersey City, NY-NJ-PA
NYC-Brooklyn Community District 6Park Slope, Carroll Gardens & Red Hook	3604005	New York	14,800	22.3	7,200	10.9	6,100	9.2	s	s	35620	New York-Newark-Jersey City, NY-NJ-PA
Franklin, Vance & Warren (West) Counties	3700500	North Carolina	11,900	22.2	1,000	1.9	3,400	6.3	7,500	14.0	39580	Raleigh, NC
Deep East Texas COG (West) & Walker County	4803900	Texas	14,400	22.2	1,600	2.4	4,300	6.6	8,500	13.1	na	na
Coastal Bend COG (Northeast)	4806500	Texas	11,500	22.2	800	1.5	4,300	8.4	6,400	12.3	18580	Corpus Christi, TX
Atlanta Regional Commission (South Central)-Clayton County (South)	1305001	Georgia	12,400	22.2	1,900	3.3	4,000	7.2	6,500	11.7	12060	Atlanta-Sandy Springs-Roswell, GA
Erie & Sandusky Counties	3900700	Ohio	12,300	22.2	2,200	3.9	3,700	6.7	6,400	11.6	na	na
Atlanta Regional Commission (Northeast)Gwinnett County (Southwest) Lilburn City	1304006	Georgia	21,300	22.2	5,400	5.6	4,800	5.0	11,100	11.5	12060	Atlanta-Sandy Springs-Roswell, GA
Rutherford, Cleveland (West) & Polk Counties-Shelby City	3702600	North Carolina	12,200	22.2	1,600	2.9	4,400	8.0	6,300	11.4	na	na
Central RegionJackson (West & South) & Clinton (South & East) Cities	2801000	Mississippi	10,100	22.2	1,500	3.2	3,600	7.9	5,000	11.0	27140	Jackson, MS
St. Lawrence County		New York	9,400	22.2	1,000	2.3	4,300	10.1	4,100	9.8	na	na
Marion County (South Central)	1208303	Florida	13,500	22.2	1,100	1.8	6,600	10.8	5,800	9.6	36100	Ocala, FL
Hampton City	5151186	Virginia	13,700	22.2	4,400	7.1	3,700	6.0	5,600	9.1	47260	Virginia Beach-Norfolk-Newport News, VA-NC
Central RegionMadison & Yazoo Counties	2800900	Mississippi	11,500	22.2	1,700	3.2	5,300	10.2	4,500	8.8	27140	Jackson, MS
Scott CountyDavenport City	1900900	lowa	18,900	22.2	3,300	3.8	8,400	9.9	7,200	8.5	19340	Davenport-Moline-Rock Island, IA-IL
El Paso City (East)	4803302	Texas	15,200	22.2	2,700	4.0	7,100	10.4	5,400	7.9	21340	El Paso, TX
Travis County (West, South & Outside Austin City)	4805309	Texas	19,000	22.2	7,000	8.2	5,500	6.4	6,600	7.7	12420	Austin-Round Rock, TX
Manassas, Manassas Park Cities & Prince William County (Central)-Buckhall & Sudley	5151245	Virginia	15,400	22.2	5,400	7.7	5,500	7.9	4,600	6.6	47900	Washington-Arlington-Alexandria, DC-VA-MD-WV
Hamilton County (East)Loveland, Montgomery Cities & Forestville	3905507	Ohio	11,400	22.2	3,500	6.7	5,600	10.9	2,400	4.6	17140	Cincinnati, OH-KY-IN
Tarrant County (Northeast)Grapevine, Southlake & Colleyville Cities	4802501	Texas	13,300	22.2	3,900	6.6	7,400	12.5	s	s	19100	Dallas-Fort Worth-Arlington, TX
Fremont, Chaffee, Park, Lake, Huerfano, Pueblo (Southwest) & Custer Counties	0800600	Colorado	9,300	22.1	1,900	4.6	2,200	5.3	5,100	12.2	19740	Denver-Aurora-Lakewood, CO
Georgia Mountains Regional Commission (Southeast)	1303500	Georgia	13,200	22.1	1,300	2.1	4,600	7.7	7,300	12.2	na	na
Los Angeles County (North)LA City (North Central/Mission Hills & Panorama City)	0603723	California	14,400	22.1	1,400	2.1	5,300	8.1	7,800	11.9	31080	Los Angeles-Long Beach-Anaheim, CA
Dallas County (South)DeSoto & Lancaster Cities	4802317	Texas	12,100	22.1	3,700	6.7	s	s	6,300	11.6	19100	Dallas-Fort Worth-Arlington, TX
Adams County (West Central)Thornton & Federal Heights Cities	0800806	Colorado	17,200	22.1	3,800	4.8	4,800	6.1	8,700	11.1	19740	Denver-Aurora-Lakewood, CO
Lee County (Northeast)Lehigh Acres & North Fort Myers	1207103	Florida	17,600	22.1	2,700	3.3	6,200	7.8	8,800	11.0	15980	Cape Coral-Fort Myers, FL
Beaufort & Jasper Counties-Hilton Head Island, Bluffton Towns & Beaufort City	4501400	South Carolina	19,200	22.1	1,100	1.3	8,800	10.1	9,300	10.7	25940	Hilton Head Island-Bluffton-Beaufort, SC

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## STEM workers, by occupation group and Public Use Microdata Area: 2021

				STEM ations	S&E occi	upations	S&E-roccup	elated ations	STEM mi occup	ddle-skill ations	MSA	
PUMA name	PUMA ID	State	Number	Percent	Number	Percent	Number	Percent	Number	Percent	code	MSA title
Yavapai County	0400500	Arizona	20,800	22.1	3,100	3.3	7,700	8.2	10,000	10.6	39140	Prescott, AZ
Cowlitz, Pacific & Wahkiakum Counties	5311200	Washington	12,100	22.1	2,200	4.0	4,400	8.0	5,500	10.1	31020	Longview, WA
Central Texas COG (West), Burnet & Llano Counties	4803400	Texas	16,200	22.1	2,600	3.5	6,400	8.8	7,200	9.8	28660	Killeen-Temple, TX
Union County (Southeast)Linden, Rahway Cities & Roselle Borough (South)	3401904	New Jersey	12,800	22.1	2,900	5.0	4,500	7.8	5,400	9.3	35620	New York-Newark-Jersey City, NY-NJ-PA
Atlanta & Northeast Georgia Regional CommissionsNewton & Rockdale Counties	1304300	Georgia	21,600	22.1	5,400	5.5	7,300	7.5	8,900	9.1	12060	Atlanta-Sandy Springs-Roswell, GA
Winnebago (Northeast) & Boone Counties	1702901	Illinois	13,800	22.1	2,900	4.6	5,300	8.5	5,600	9.0	40420	
Regional Planning Commission 3–Jefferson Parish (North)		Louisiana	11,300	22.1	3,200	6.3	3,700	7.3	4,300	8.5	35380	New Orleans-Metairie, LA
Hampden County (West of Springfield City)Westfield & Holyoke Cities	2501901	Massachusetts	14,300	22.1	2,900	4.4	6,000	9.3	5,400	8.3	44140	Springfield, MA
Broward County (West)-Coral Springs & Parkland Cities	1201101	Florida	18,700	22.1	2,800	3.3	9,300	11.0	6,600	7.8	33100	Miami-Fort Lauderdale-West Palm Beach,
Delaware County (East)Yeadon, Darby, Lansdowne Boroughs & Drexel Hill	4203302	Pennsylvania	17,400	22.1	4,500	5.7	6,800	8.6	6,100	7.7	37980	Philadelphia-Camden-Wilmington, PA-NJ- DE-MD
Lackawanna County–Scranton City, Dunmore, Old Forge, Taylor & Moosic Boroughs	4200701	Pennsylvania	11,400	22.1	3,100	6.0	4,800	9.4	3,500	6.8	42540	ScrantonWilkes-BarreHazleton, PA
Chemung (South) & Steuben (East) Counties—Greater Elmira & Greater Corning Cities	3602401	New York	9,500	22.1	2,300	5.3	4,300	10.1	2,800	6.6	21300	Elmira, NY
Philadelphia City (West)	4203208	Pennsylvania	11,400	22.1	2,800	5.4	6,000	11.5	2,700	5.2	37980	Philadelphia-Camden-Wilmington, PA-NJ- DE-MD
Atlanta Regional Commission (Central)Fulton County (Northwest)Roswell City	1301005	Georgia	19,500	22.1	9,800	11.1	7,200	8.2	s	2.9	12060	Atlanta-Sandy Springs-Roswell, GA
Atlanta Regional Commission (Central)–Fulton County (North)Sandy Springs City	1301001		16,200	22.1	7,300	9.9	7,400	10.1	s	S		Atlanta-Sandy Springs-Roswell, GA
Southern Georgia Regional Commission (West)	1300700	Georgia	11,300	22.0	1,000	1.9	3,700	7.3	6,500	12.8	46660	Valdosta, GA
Garfield, Kay & Noble Counties–Enid City		Oklahoma	10,600	22.0	1,000	2.1	3,500	7.3	6,000	12.6	na	
Los Angeles CountyLA City (Mount Washington, Highland Park & Glassell Park)		California	20,000	22.0	4,800	5.3	5,400	6.0	9,800	10.7		Los Angeles-Long Beach-Anaheim, CA
Spartanburg County (Central)-Spartanburg City	4500301	South Carolina	12,000	22.0	2,800	5.1	3,400	6.3	5,800	10.7	43900	Spartanburg, SC
Chesterfield County (East)James River Region	5104101	Virginia	11,900	22.0	2,500	4.7	3,800	7.0	5,600	10.4	40060	
Stanislaus County (Central)–Modesto City (East)	0609904	California	10,700	22.0	800	1.6	4,800	10.0	5,000	10.4	33700	Modesto, CA
Cook County (South)-Bloom & Rich Townships	1703414		13,700	22.0	3,300	5.3	5,500	8.7	5,000	8.0		Chicago-Naperville-Elgin, IL-IN-WI
Dallas County (Northeast)-Rowlett & Garland (Northeast) Cities	4802301		12,300	22.0	4,100	7.4	4,100	7.4	4,100	7.2		Dallas-Fort Worth-Arlington, TX
NYC-Queens Community District 8-Briarwood, Fresh Meadows & Hillcrest		New York	15,000	22.0	4,000	5.9	6,500	9.5	4,500	6.6	35620	New York-Newark-Jersey City, NY-NJ-PA
Atlanta Regional Commission (Northeast)Gwinnett County (East)	1304004		14,600	22.0	2,800	4.3	7,500	11.3	4,200	6.4	12060	Atlanta-Sandy Springs-Roswell, GA
Macomb County (Southwest)-Sterling Heights City	2603003	Michigan	12,800	22.0	4,500	7.8	4,700	8.0	3,600	6.2	19820	Detroit-Warren-Dearborn, MI
Pinellas County (Southeast)St. Petersburg City (East)	1210307	Florida	18,100	22.0	4,600	5.6	8,500	10.4	5,000	6.0	45300	
Bergen County (Northwest)Ramsey, Oakland & Franklin Lakes Boroughs	3400306	New Jersey	11,200	22.0	2,900	5.7	5,400	10.5	2,900	5.7	35620	New York-Newark-Jersey City, NY-NJ-PA

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				STEM ations	S&E occi	upations	S&E-re	elated ations		iddle-skill pations	MSA	
PUMA name	PUMA ID	State	Number	Percent	Number	Percent	Number	Percent	Number	Percent	code	MSA title
West Haven, Milford & Orange Towns	0900904	Connecticut	13,500	22.0	3,300	5.3	6,800	11.1	3,500	5.6	35300	New Haven-Milford, CT
Chicago City (Northwest)-Irving Park, Albany Park, Forest Glen & North Park	1703504	Illinois	15,300	22.0	4,000	5.8	7,500	10.7	3,800	5.4	16980	Chicago-Naperville-Elgin, IL-IN-WI
Union County (Northwest)Summit City & Westfield Town (North)	3401902	New Jersey	11,500	22.0	4,600	8.8	4,500	8.6	2,500	4.7	35620	New York-Newark-Jersey City, NY-NJ-PA
Nashville-Davidson (Southwest)	4702505	Tennessee	18,000	22.0	5,600	6.8	10,200	12.5	s	2.7	34980	Nashville-DavidsonMurfreesboro Franklin, TN
Marion County (West Central)-Salem (North), Keizer Cities & Hayesville	4101103	Oregon	10,000	21.9	1,600	3.6	s	s	6,700	14.6	41420	Salem, OR
Lake Cumberland Area Development District (West)	2100600	Kentucky	8,800	21.9	s	s	2,500	6.2	5,800	14.5	na	na
Capital Area COG (East)-Bastrop, Caldwell, Fayette & Lee Counties	4805100	Texas	18,700	21.9	2,700	3.2	4,100	4.8	11,800	13.9	12420	Austin-Round Rock, TX
LaSalle County	1702400	Illinois	10,900	21.9	s	s	3,100	6.2	6,900	13.9	na	na
Natrona, Carbon & Converse Counties	5600400	Wyoming	11,100	21.9	700	1.5	4,100	8.0	6,300	12.4	16220	Casper, WY
Bristol County (Central)Fall River City & Somerset Town	2504302	Massachusetts	10,500	21.9	1,700	3.5	3,100	6.5	5,700	11.9	39300	Providence-Warwick, RI-MA
Marion County-Perry & Decatur (South & East) Townships-Indianapolis City (South)	1802307	Indiana	16,000	21.9	2,100	2.9	5,200	7.1	8,700	11.9	26900	Indianapolis-Carmel-Anderson, IN
Baltimore CountyDundalk, Essex & Edgemere	2400506	Maryland	10,100	21.9	1,700	3.8	3,100	6.8	5,200	11.3	12580	Baltimore-Columbia-Towson, MD
NYC-Queens Community District 5Ridgewood, Glendale & Middle Village	3604110	New York	16,800	21.9	3,000	3.9	5,600	7.3	8,200	10.7	35620	New York-Newark-Jersey City, NY-NJ-PA
Capital Area COGWilliamson County (North)Georgetown (East) & Taylor Cities	4805201	Texas	17,900	21.9	5,500	6.8	5,100	6.3	7,200	8.9	12420	Austin-Round Rock, TX
Harris County (Far North)-Spring	4804627	Texas	15,500	21.9	4,700	6.7	4,700	6.6	6,100	8.6	26420	Houston-The Woodlands-Sugar Land, TX
NYC-Queens Community District 7Flushing, Murray Hill & Whitestone	3604103	New York	22,000	21.9	4,200	4.2	9,200	9.2	8,600	8.6	35620	New York-Newark-Jersey City, NY-NJ-PA
Essex County (South)Lynn City, Swampscott & Nahant Towns	2500704	Massachusetts	13,000	21.9	2,800	4.8	5,300	9.0	4,900	8.2	14460	Boston-Cambridge-Newton, MA-NH
Southern Georgia Regional Commission (South Central)–Lowndes CountyValdosta City	1300600	Georgia	9,800	21.9	1,600	3.6	4,600	10.3	3,600	8.1	46660	Valdosta, GA
Saratoga County (Outer)	3601802	New York	12,800	21.9	3,100	5.3	5,300	9.1	4,400	7.5	10580	Albany-Schenectady-Troy, NY
Brevard County (Northwest)Titusville, Rockledge & Cocoa Cities	1200901	Florida	20,000	21.9	5,100	5.6	8,300	9.1	6,600	7.2	37340	Palm Bay-Melbourne-Titusville, FL
Sarasota County (Central & Gulf Coast)	1211502	Florida	13,500	21.9	2,100	3.4	7,000	11.4	4,400	7.1	35840	North Port-Sarasota-Bradenton, FL
NYC-Queens Community District 13-Queens Village, Cambria Heights & Rosedale	3604105	New York	21,000	21.9	4,300	4.5	10,000	10.5	6,600	6.9	35620	New York-Newark-Jersey City, NY-NJ-PA
Pinellas County (Central)Greater Largo City	1210304	Florida	11,400	21.9	2,700	5.1	5,200	10.1	3,500	6.8	45300	Tampa-St. Petersburg-Clearwater, FL
Harris County (Northeast)Houston City (Far Northeast)	4804624	Texas	12,400	21.9	5,200	9.1	3,500	6.1	3,800	6.7	26420	Houston-The Woodlands-Sugar Land, TX
Oklahoma County (Northwest)–Oklahoma City (Northwest Central) & Bethany Cities	4001002	Oklahoma	19,000	21.9	5,800	6.7	8,100	9.4	5,100	5.9	36420	Oklahoma City, OK
Suffolk County (Northwest)Smithtown Town	3603303	New York	12,900	21.9	4,800	8.1	5,300	9.1	2,800	4.7	35620	New York-Newark-Jersey City, NY-NJ-PA
Stephens, Caddo, Comanche (North), Tillman, Jefferson & Cotton Counties	4000602	Oklahoma	8,500	21.8	500	1.3	2,100	5.3	5,900	15.1	30020	Lawton, OK
Dallas County (West)Irving (South) & Grand Prairie (North) Cities	4802320	Texas	10,300	21.8	1,700	3.5	s	s	7,000	14.7	19100	Dallas-Fort Worth-Arlington, TX
River Valley Regional Commission (Outside Muscogee & Chattahoochee Counties)	1301800		12,700	21.8	2,100	3.7	3,300	5.8	7,200	12.4		Columbus, GA-AL
Cherokee, Newberry, Chester & Union Counties	4500400	South Carolina	14,400	21.8	1,800	2.7	4,700	7.1	7,900	11.9	16740	Charlotte-Concord-Gastonia, NC-SC

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PUMA name	PUMA ID	State	Number	Percent	Number	Percent	Number	Percent	Number	Percent	code	MSA title
Jackrabbit Region	4600400	South Dakota	13,900	21.8	2,000	3.2	4,400	6.9	7,400	11.7	na	na
Essex County (Northwest)Lawrence, Haverhill & Methuen Town Cities	2500701	Massachusetts	20,600	21.8	3,800	4.0	6,700	7.1	10,100	10.7	14460	Boston-Cambridge-Newton, MA-NH
Bryan, Pontotoc (East), Marshall, Atoka, Johnston & Coal CountiesAda City	4000702	Oklahoma	10,600	21.8	1,900	4.0	3,700	7.6	5,000	10.2	na	na
El Paso County (Outside El Paso City)Socorro & Horizon Cities	4803301	Texas	18,000	21.8	4,100	4.9	5,600	6.8	8,300	10.1	21340	El Paso, TX
Butte County (Southeast)Oroville City & Paradise Town	0600702	California	7,200	21.8	400	1.3	3,500	10.6	3,300	9.8	17020	Chico, CA
Northeast Kansas	2000400	Kansas	11,400	21.8	2,600	4.9	3,900	7.4	4,900	9.5	28140	Kansas City, MO-KS
Southeast Utah & Uintah Basin Region	4913001	Utah	12,800	21.8	2,100	3.6	5,200	8.9	5,500	9.3	na	na
Maricopa CountySurprise City (Central)	0400131	Arizona	10,700	21.8	2,000	4.1	4,200	8.5	4,500	9.1	38060	Phoenix-Mesa-Scottsdale, AZ
Barnstable (East), Dukes & Nantucket CountiesOuter Cape Cod Towns	2504800	Massachusetts	12,700	21.8	2,200	3.7	5,500	9.4	5,100	8.8	12700	Barnstable Town, MA
Houston (West) & Spring Valley Village Cities-Between Loop I-610 & Beltway TX-8	4804612	Texas	11,900	21.8	3,400	6.3	4,400	8.0	4,100	7.5	26420	Houston-The Woodlands-Sugar Land, TX
Tippecanoe CountyLafayette & West Lafayette Cities	1801200	Indiana	19,600	21.8	6,100	6.8	7,000	7.8	6,500	7.2	29200	Lafayette-West Lafayette, IN
Weymouth Town, Braintree Town Cities, Hingham, Hull & Cohasset Towns	2503900	Massachusetts	16,200	21.8	3,300	4.4	7,900	10.6	5,000	6.8	14460	
Gloucester County (Northeast)Woodbury City	3402201	New Jersey	14,100	21.8	3,600	5.5	6,300	9.7	4,200	6.5	37980	Philadelphia-Camden-Wilmington, PA-NJ- DE-MD
Cincinnati City (Central)	3905504	Ohio	13,800	21.8	5,300	8.3	6,300	10.0	2,200	3.4	17140	Cincinnati, OH-KY-IN
Ventura County (North)–Santa Paula, Fillmore & Ojai Cities	0611105		12,000	21.7	2,800	5.0	2,600	4.7	6,600	12.0	37100	Oxnard-Thousand Oaks-Ventura, CA
Central IdahoLewiston City & Nez Perce Reservation	1600300	Idaho	10,400	21.7	1,600	3.2	3,600	7.5	5,300	10.9	14260	
Cook County (Central)-Cicero, Berwyn & Oak Park Townships	1703408	Illinois	21,000	21.7	4,400	4.6	6,100	6.3	10,400	10.8	16980	Chicago-Naperville-Elgin, IL-IN-WI
Ellis County	4802101	Texas	20,800	21.7	4,200	4.4	6,500	6.8	10,000	10.5	19100	Dallas-Fort Worth-Arlington, TX
Southside Planning District Commission & Commonwealth Regional Council	5151105	Virginia	15,200	21.7	2,500	3.5	5,500	7.8	7,300	10.4	16820	Charlottesville, VA
Putnam, Overton, Jackson, Clay & Pickett Counties	4700700	Tennessee	12,900	21.7	2,600	4.4	4,200	7.0	6,100	10.2	na	na
DuPage County (Northeast)Addison & Bloomingdale (North) Townships	1703207	Illinois	13,100	21.7	2,500	4.2	4,700	7.8	5,800	9.7	16980	Chicago-Naperville-Elgin, IL-IN-WI
Northwest Georgia Regional Commission (Southeast)Paulding County	1304500	Georgia	17,500	21.7	3,100	3.9	6,800	8.4	7,600	9.5	12060	Atlanta-Sandy Springs-Roswell, GA
Lancaster CountyLincoln City (North)	3100801	Nebraska	20,800	21.7	5,100	5.3	6,800	7.1	8,900	9.3	30700	Lincoln, NE
Allen County (Central)-Fort Wayne City (North)	1801002	Indiana	13,500	21.7	2,300	3.7	5,900	9.5	5,300	8.5	23060	Fort Wayne, IN
Scioto & Lawrence Counties	3905100	Ohio	9,500	21.7	s	s	5,400	12.3	3,500	8.0	26580	Huntington-Ashland, WV-KY-OH
Orange County (North Central)Orlando City (Univ. of Central Florida) & Union Park	1209508	Florida	11,400	21.7	3,900	7.5	3,600	6.9	3,900	7.4	36740	Orlando-Kissimmee-Sanford, FL
Ada County (Central)Meridian (Northeast) & Boise (Far West) Cities	1600701	Idaho	14,500	21.7	2,900	4.4	7,100	10.6	4,500	6.8	14260	Boise City, ID
Pulaski County (Outer)-North Little Rock, Sherwood & Jacksonville Cities	0500900	Arkansas	20,600	21.7	4,400	4.6	9,900	10.4	6,300	6.7	30780	Little Rock-North Little Rock-Conway, AR
Fort Bend County (North)-Mission Bend (Southwest), Cinco Ranch & Four Corners	4804904	Texas	19,200	21.7	7,600	8.6	6,600	7.5	4,900	5.5	26420	Houston-The Woodlands-Sugar Land, TX
Salt Lake County (Southeast)-Sandy (North), Cottonwood Heights & Midvale Cities	4935008	Utah	11,600	21.7	4,600	8.6	4,100	7.6	2,900	5.5	41620	Salt Lake City, UT

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PUMA name	PUMA ID	State	Number	Percent	Number	Percent	Number	Percent	Number	Percent	code	MSA title
Atlanta Regional Commission (Northwest)-Cobb County (Southeast)-Smyrna City	1303004	Georgia	21.600	21.7	7,700	7.7	8,900	8.9	5,100	5.1	12060	Atlanta-Sandy Springs-Roswell, GA
Southwest Oklahoma	4000400		8,300	21.6	500	1.4	0,500 S	0.5 S	6,300	16.2		na
Coastal Bend COG-Nueces County (Central)-Corpus Christi City (North Central)	4806602	Texas	8,800	21.6	S	s	2,800	6.8	5,400	13.2		Corpus Christi, TX
Stevens, Okanogan, Pend Oreille & Ferry Counties		Washington	8,400	21.6	1,100	2.7	2,400	6.0	5,000	12.8		Spokane-Spokane Valley, WA
North Central Region			8,600	21.6	500	1.2	3,400	8.4	4,800	12.0		na
Harris County (North)-Houston (North), Humble Cities & Atascocita	4804625		14,600	21.6	3,700	5.4	S	4.7	7,800	11.5		Houston-The Woodlands-Sugar Land, TX
Houston City (Southwest)East of TX-6 & West of Beltway TX-8			8,300	21.6	1,100	2.8	3,000	7.9	4,200	10.9		Houston-The Woodlands-Sugar Land, TX
Pasco County (West Central)	1210102	Florida	10,200	21.6	2,000	4.3	3,200	6.7	5,000	10.6		Tampa-St. Petersburg-Clearwater, FL
Manatee County (West Central)	1208102	Florida	10,800	21.6	1,800	3.6	4,300	8.5	4,700	9.4	35840	
Palm Beach County (West)–Glades & Western Communities	1209911	Florida	14,400	21.6	3,200	4.8	5,000	7.6	6,100	9.2	33100	Miami-Fort Lauderdale-West Palm Beach,
Douglas County-Lawrence City	2000700		12,900	21.6	2,900	4.9	4,500	7.6	5,400	9.0		Lawrence, KS
Kent County (Southwest)	2601001	Michigan	16,200	21.6	4,400	5.9	5,100		6,700	8.9	-	Grand Rapids-Wyoming, MI
Knoxville City		Tennessee	19,300	21.6	3,300	3.7	8,800	9.8	7,300	8.1		Knoxville, TN
Palm Beach County (Northeast)Palm Beach Gardens & Riviera Beach Cities	1209902		13,200	21.6	1,600	2.6	6,800	11.1	4,800	7.9	33100	Miami-Fort Lauderdale-West Palm Beach,
Suffolk County (Southwest)Babylon Town (Southeast)	3603312	New York	12,000	21.6	2,000	3.5	5,800	10.4	4,200	7.6	35620	New York-Newark-Jersey City, NY-NJ-PA
San Bernardino County (Southwest)-Redlands & Yucaipa Cities	0607105	California	14,100	21.6	2,300	3.6	7,000	10.8	4,700	7.2	40140	Riverside-San Bernardino-Ontario, CA
Clark County (South)Henderson (East) & Boulder Cities	3200412	Nevada	19,100	21.6	3,800	4.3	9,700	11.0	5,500	6.3	29820	Las Vegas-Henderson-Paradise, NV
NYC-Brooklyn Community District 18Canarsie & Flatlands	3604009	New York	17,100	21.6	3,900	5.0	9,400	11.9	3,800	4.8	35620	New York-Newark-Jersey City, NY-NJ-PA
Phoenix City (East)	0400117	Arizona	13,000	21.6	3,500	5.8	7,200	11.8	2,400	3.9	38060	Phoenix-Mesa-Scottsdale, AZ
West Central Texas COG (Outside Taylor County)	4802600	Texas	16,900	21.5	1,000	1.3	5,000	6.3	10,900	13.9	10180	Abilene, TX
Ark-Tex COG (West)	4801000	Texas	14,200	21.5	1,000	1.5	4,500	6.8	8,700	13.2	na	na
Green River Area Development District (Northeast)Daviess & Hancock Counties	2101500	Kentucky	10,800	21.5	600	1.3	3,800	7.5	6,400	12.7	36980	Owensboro, KY
Niagara County (Southwest)Greater Niagara Falls & North Tonawanda Area	3601101	New York	10,000	21.5	1,400	3.0	3,200	6.9	5,400	11.6	15380	Buffalo-Cheektowaga-Niagara Falls, NY
Columbia, Lincoln, Clatsop & Tillamook Counties	4100500	Oregon	15,200	21.5	3,600	5.0	3,900	5.5	7,700	10.9	38900	Portland-Vancouver-Hillsboro, OR-WA
Shasta CountyRedding City	0608900	California	15,100	21.5	2,000	2.8	5,900	8.4	7,200	10.3	39820	Redding, CA
Charlotte County	1201500	Florida	14,300	21.5	1,900	2.9	5,800	8.8	6,500	9.9	39460	Punta Gorda, FL
Western Upper Peninsula	2600100	Michigan	14,900	21.5	1,900	2.8	6,100	8.8	6,900	9.9	na	na
Des Moines City	1901700	lowa	22,600	21.5	5,400	5.2	7,400	7.1	9,700	9.2	19780	Des Moines-West Des Moines, IA
Clark County (Southwest)-Vancouver City (West & Central)	5311101	Washington	12,600	21.5	3,700	6.2	3,600	6.2	5,300	9.1	38900	Portland-Vancouver-Hillsboro, OR-WA
Nashville-Davidson (Southeast)	4702504	Tennessee	15,300	21.5	3,800	5.3	5,200	7.2	6,400	8.9	34980	Nashville-DavidsonMurfreesboro Franklin, TN

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# STEM workers, by occupation group and Public Use Microdata Area: 2021

			ALL S	STEM ations	S&E occi	upations	S&E-r	elated ations	STEM mi occup		MSA	
PUMA name	PUMA ID	State	Number	Percent	Number	Percent	Number	Percent	Number	Percent	code	MSA title
Knox County (East)	4701602	Tennessee	11,400	21.5	1,600	3.0	5,700	10.7	4,200	7.8	28940	Knoxville, TN
Miami-Dade County (Central)The Hammocks (West), Richmond West (West) &												Miami-Fort Lauderdale-West Palm Beach,
Country Walk	1208621	Florida	12,400	21.5	2,800	4.9	5,100	8.8	4,500	7.7	33100	
Pender & New Hanover (North) Counties	3704600	North Carolina	12,300	21.5	2,700	4.7	5,200	9.1	4,400	7.7	48900	Wilmington, NC
Henrico County (South & East)–Highland Springs, East Highland Park & Glen												
Allen	5151224		15,800	21.5	3,300	4.6	6,800	9.3	5,600	7.7		Richmond, VA
Utah County (Central)Provo City	4949003		13,700	21.5	4,700	7.4	4,200	6.6	4,800	7.5		Provo-Orem, UT
Pinellas County (South Central)St. Petersburg City (West)	1210308		10,400	21.5	2,600	5.4	4,300	8.9	3,500	7.2	45300	1 3 .
Chicago City (North)–Edgewater, Uptown & Rogers Park	1703501	Illinois	20,700	21.5	8,600	9.0	7,000	7.3	5,100	5.2	16980	Chicago-Naperville-Elgin, IL-IN-WI
Baltimore County-Randallstown (East), Owings Mills, Milford Mill &	2400502	Mandand	14100	01 5	E 000	7.6	F 000	0.0	2 200	4.0	12580	Daltimana Calumbia Tauran MD
Reisterstown		Maryland	14,100	21.5	5,000	7.6	5,900	9.0	3,200	4.9		
Houston-Galveston Area Council (West)	4805000		16,500	21.4	1,800	2.4 5.3	4,700	6.1	10,000	12.9	26420	Houston-The Woodlands-Sugar Land, TX
Cumberland (West) & Perry CountiesCarlisle Borough		Pennsylvania	14,000	21.4	3,500	4.4	2,800	4.3	7,800	11.8	25420	Harrisburg-Carlisle, PA
Suffolk County (West Central)Babylon Town (Northwest)		New York	13,600	21.4	2,800		3,500	5.5	7,200	11.4	35620	New York-Newark-Jersey City, NY-NJ-PA
San Diego County (South)San Diego City (Southeast/Encanto & Skyline)		California	15,400	21.4	3,400	4.8	4,300	6.1	7,600	10.6		San Diego-Carlsbad, CA
Cape May & Atlantic (South Central) CountiesOcean City & Somers Point City		New Jersey	10,200	21.4	1,000	2.0	4,500	9.4	4,800	10.0		Atlantic City-Hammonton, NJ
Kendall & Grundy Counties	1703700		19,100	21.4	4,400	4.9	6,400	7.2	8,300	9.2	16980	<u> </u>
Sonoma County (South)Petaluma, Rohnert Park & Cotati Cities	0609702	California	13,400	21.4	3,400	5.4	4,600	7.4	5,400	8.5	42220	Santa Rosa, CA
Miami-Dade County (North Central)Doral, Sweetwater Cities & Fontainebleau	1208608	Florida	15,200	21.4	4,600	6.4	5,300	7.5	5,300	7.5	33100	Miami-Fort Lauderdale-West Palm Beach, FL
Hillsborough County (North Central)	1205704	Florida	18,100	21.4	4,800	5.7	7,000	8.3	6,300	7.4	45300	Tampa-St. Petersburg-Clearwater, FL
Capital Region Planning Commission 4–East Baton Rouge Parish (North)	2201502	Louisiana	10,400	21.4	2,700	5.5	4,600	9.5	3,100	6.4	12940	Baton Rouge, LA
Orange County (North Central)Fullerton & Placentia Cities	0605907	California	19,400	21.4	5,300	5.9	9,200	10.1	4,900	5.4	31080	Los Angeles-Long Beach-Anaheim, CA
Erie County (North Central)	3601202	New York	14,100	21.4	4,700	7.2	6,000	9.2	3,300	5.0	15380	Buffalo-Cheektowaga-Niagara Falls, NY
Suffolk County (Northwest)Huntington Town (North)	3603301	New York	11,100	21.4	2,700	5.3	5,800	11.3	2,500	4.8	35620	New York-Newark-Jersey City, NY-NJ-PA
Southeast Oklahoma	4000300	Oklahoma	13,000	21.3	500	0.8	3,800	6.2	8,800	14.3	22900	Fort Smith, AR-OK
Three Rivers Regional Commission (Southwest)Troup, Meriwether & Heard Counties	1302200	Georgia	9,300	21.3	900	2.1	2,600	6.0	5,700	13.2	12060	Atlanta-Sandy Springs-Roswell, GA
Miami-Dade County (South)-Homestead City (North) & Florida City (North)	1208624	Florida	12,600	21.3	1,000	1.6	4,300	7.2	7,300	12.5	33100	Miami-Fort Lauderdale-West Palm Beach, FL
Golden Triangle Region-Starkville, Columbus & West Point Cities	2800600	Mississippi	15,500	21.3	2,300	3.2	4,300	5.9	8,800	12.1	na	na
Mobile County (Outer)-Prichard City, Tillmans Corner & Saraland City	0102703	Alabama	18,200	21.3	3,300	3.9	4,700	5.5	10,100	11.9	33660	Mobile, AL
South Plains Association of Governments–Lubbock County–Lubbock City (Central)	4800501	Texas	11,300	21.3	1,500	2.7	3,800	7.1	6,100	11.4	31180	Lubbock, TX
Payne, Seminole, Creek (Southwest), Hughes & Okfuskee CountiesStillwater City	4001501	Oklahoma	13,000	21.3	2,100	3.5	4,600	7.6	6,200	10.2	46140	Tulsa, OK

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(Number and percent)

			ALL S	STEM ations	S&E occi	upations	S&E-r	elated ations	STEM mi	ddle-skill ations	MSA	
PUMA name	PUMA ID	State	Number	Percent	Number	Percent	Number	Percent	Number	Percent	code	MSA title
	1001100	=1	10.000	21.0	0.000	4.0	0.600		5.600	100	00100	Miami-Fort Lauderdale-West Palm Beach,
Broward County-Deerfield, Pompano Beach (North) & Lighthouse Point Cities	1201103		12,000	21.3	2,800	4.9	3,600	6.4	5,600	10.0	33100	
Tucson City (Southeast)	0400209		11,300	21.3	2,800	5.2	4,200	7.9	4,400	8.2		Tucson, AZ
Walton, Washington, Holmes & Bay Counties	1200500		29,000	21.3	6,700	4.9	11,700	8.6	10,600	7.8	18880	·
Charlotte City (Northeast)	3/03103	North Carolina	13,400	21.3	4,200	6.7	4,400	7.0	4,800	7.6	16/40	Charlotte-Concord-Gastonia, NC-SC
Broward County (Central)Plantation & Sunrise Cities	1201106	Florida	18,800	21.3	5,200	5.9	7,200	8.1	6,500	7.3	33100	Miami-Fort Lauderdale-West Palm Beach, FL
Orange County (Central)–Costa Mesa & Fountain Valley Cities		California	20,400	21.3	6,700	7.0	7,000	7.3	6,800	7.1		Los Angeles-Long Beach-Anaheim, CA
Los Angeles County (Northwest)–Santa Clarita City	0603702	California	21,100	21.3	5,500	5.5	8,800	8.8	6,900	6.9		Los Angeles-Long Beach-Anaheim, CA
Tarrant County (East)-Euless (South & West) & Arlington (North) Cities	4802502		16,500	21.3	5,600	7.2	5,900	7.6	5,000	6.4		Dallas-Fort Worth-Arlington, TX
Marion County-Pike & Washington (Northwest) Townships-Indianapolis City			,		-,,,,,		-,		-,	4		
(Northwest)	1802301	Indiana	11,900	21.3	2,200	3.9	6,200	11.1	3,500	6.3	26900	Indianapolis-Carmel-Anderson, IN
Nassau County (West Central)-Hempstead Town (West Central)	3603211	New York	12,500	21.3	2,700	4.7	6,400	10.8	3,400	5.8	35620	New York-Newark-Jersey City, NY-NJ-PA
Clark County (West)Las Vegas City (Southwest)	3200407	Nevada	14,900	21.3	2,600	3.8	8,700	12.5	3,500	5.0	29820	Las Vegas-Henderson-Paradise, NV
St. Louis City (North)	2901901	Missouri	10,000	21.3	2,500	5.3	5,500	11.8	s	4.2	41180	St. Louis, MO-IL
Dauphin County (Central)Harrisburg City & Colonial Park	4202401	Pennsylvania	17,000	21.3	4,500	5.7	9,200	11.5	s	s	25420	Harrisburg-Carlisle, PA
Los Angeles County (Central)West Hollywood & Beverly Hills Cities	0603731	California	12,600	21.3	3,800	6.4	6,500	10.9	s	4.0	31080	Los Angeles-Long Beach-Anaheim, CA
Panhandle & Northwest Oklahoma	4000500	Oklahoma	9,400	21.2	1,000	2.3	s	s	7,200	16.2	na	na
San Antonio City (Northwest)Inside Loop I-410	4805904	Texas	9,400	21.2	1,100	2.4	2,100	4.7	6,300	14.0	41700	San Antonio-New Braunfels, TX
Sutter & Yuba CountiesYuba City	0610100	California	15,100	21.2	1,300	1.9	4,400	6.2	9,400	13.1	49700	Yuba City, CA
Logan, Mingo, Wyoming & McDowell Counties	5401300	West Virginia	4,400	21.2	s	s	1,600	7.6	2,700	13.0	na	na
Riverside County (Northwest)Moreno Valley City	0606508	California	18,300	21.2	1,900	2.2	5,200	6.0	11,200	12.9	40140	Riverside-San Bernardino-Ontario, CA
												Philadelphia-Camden-Wilmington, PA-NJ-
Philadelphia City (Near Northeast-East)		Pennsylvania	11,800	21.2	S	S	4,400	7.8	6,500	11.7		DE-MD
Bexar County (South)-San Antonio City (Far South)	4805907		15,200	21.2	3,000	4.2	4,300	6.0	8,000	11.1		San Antonio-New Braunfels, TX
Los Angeles County (Southeast)Bellflower & Paramount Cities		California	11,300	21.2	1,600	3.0	3,900	7.4	5,700	10.8		Los Angeles-Long Beach-Anaheim, CA
San Bernardino County (Northeast)Twentynine Palms & Barstow Cities		California	9,500	21.2	1,000	2.3	3,800	8.4	4,700	10.4		Riverside-San Bernardino-Ontario, CA
Riverside County (Southwest)Menifee, Lake Elsinore & Canyon Lake Cities		California	20,800	21.2	3,800	3.8	7,300	7.4	9,800	10.0		Riverside-San Bernardino-Ontario, CA
Acadiana Regional Development District 3Lafayette Parish (North)	2201200	Louisiana	10,500	21.2	1,700	3.4	4,200	8.5	4,600	9.3		Lafayette, LA
La Crosse County		Wisconsin	13,400	21.2	2,900	4.6	5,000	7.9	5,500	8.7		La Crosse-Onalaska, WI-MN
Sarasota County (North)	1211501		12,400	21.2	2,300	3.9	5,200	8.9	4,900	8.3		North Port-Sarasota-Bradenton, FL
Greene County-Springfield City (North)	2902602		12,600	21.2	2,600	4.4	5,100	8.6	4,900	8.2		Springfield, MO
Warren County		New Jersey	11,300	21.2	2,400	4.5	4,600	8.6	4,300	8.0		Allentown-Bethlehem-Easton, PA-NJ
Westchester County (Southwest)Yonkers City		New York	19,700	21.2	3,100	3.3	9,300	10.0	7,300	7.9		New York-Newark-Jersey City, NY-NJ-PA
Monmouth County (Northwest)Keansburg Borough	3401105	New Jersey	11,000	21.2	2,500	4.9	4,500	8.6	4,000	7.7	35620	New York-Newark-Jersey City, NY-NJ-PA

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				STEM ations	S&E occi	upations		elated ations	_	iddle-skill pations	MSA	
PUMA name	PUMA ID	State	Number	Percent	Number	Percent	Number	Percent	Number	Percent	code	MSA title
NYC-Brooklyn Community District 13-Brighton Beach & Coney Island	3604018	New York	9,500	21.2	2,800	6.1	3,400	7.5	3,400	7.6	35620	New York-Newark-Jersey City, NY-NJ-PA
Nassau County (Southeast)-Oyster Bay Town (South)	3603208	New York	12,000	21.2	2,400	4.2	5,300	9.4	4,300	7.6	35620	New York-Newark-Jersey City, NY-NJ-PA
Jefferson, Grant & Arkansas (Northwest) Counties	0501700	Arkansas	8,200	21.2	s	3.7	3,800	10.0	2,900	7.6	30780	Little Rock-North Little Rock-Conway, AR
Pierce County (West Central)Lakewood City & Joint Base Lewis-McChord	5311503	Washington	9,900	21.2	2,200	4.6	4,700	9.9	3,100	6.6	42660	Seattle-Tacoma-Bellevue, WA
Oneida County (Central)Greater Utica & Rome Cities	3600402	New York	14,200	21.2	2,600	4.0	7,200	10.7	4,400	6.6	46540	Utica-Rome, NY
Monmouth County (Northeast)Red Bank & Tinton Falls (North) Boroughs	3401104	New Jersey	11,000	21.2	2,700	5.2	5,100	9.9	3,200	6.2	35620	New York-Newark-Jersey City, NY-NJ-PA
Phoenix CityDowntown & Sky Harbor International Airport	0400118	Arizona	12,900	21.2	4,900	8.1	4,300	7.1	3,700	6.1	38060	Phoenix-Mesa-Scottsdale, AZ
Seminole County (East)	1211704	Florida	13,500	21.2	4,500	7.1	5,200	8.2	3,800	5.9	36740	Orlando-Kissimmee-Sanford, FL
Nassau County (Southwest)Hempstead Town (Southwest) & Long Beach City	3603212	New York	10,500	21.2	2,500	4.9	5,300	10.7	2,800	5.6	35620	New York-Newark-Jersey City, NY-NJ-PA
Monterey County (North Central)—Seaside, Monterey, Marina & Pacific Grove Cities	0605301	California	16,400	21.2	5,100	6.6	7,100	9.2	4,200	5.5	41500	Salinas, CA
Hennepin CountyMinneapolis (North) & St. Anthony Cities	2701405	Minnesota	17,800	21.2	6,700	8.0	6,500	7.8	4,600	5.4	33460	Minneapolis-St. Paul-Bloomington, MN-WI
Harris County (Southeast)Pasadena City (North & Central)Inside Beltway TX-8	4804605	Texas	9,600	21.1	S	S	s	S	8,000	17.6	26420	Houston-The Woodlands-Sugar Land, TX
Houston (Southeast) & South Houston CitiesInside Beltway TX-8	4804619	Texas	9,200	21.1	700	1.7	S	S	6,800	15.7	26420	Houston-The Woodlands-Sugar Land, TX
Dunklin, Stoddard, New Madrid, Pemiscot & Mississippi Counties	2902300	Missouri	8,000	21.1	400	1.1	2,300	6.0	5,400	14.0	na	na
Kings CountyHanford City	0603100	California	10,400	21.1	800	1.5	3,000	6.1	6,600	13.5	25260	Hanford-Corcoran, CA
Bristol County (South)New Bedford City & Fairhaven Town	2504500	Massachusetts	11,300	21.1	1,600	3.0	3,800	7.1	5,900	11.1	39300	Providence-Warwick, RI-MA
Riverside County (Southwest)Hemet City & East Hemet	0606506	California	14,400	21.1	1,900	2.8	4,900	7.2	7,600	11.1	40140	Riverside-San Bernardino-Ontario, CA
Orange County (Northwest)	1209501	Florida	15,900	21.1	1,700	2.3	5,800	7.8	8,400	11.1	36740	Orlando-Kissimmee-Sanford, FL
Miami-Dade County (Northeast)-Hialeah City (North Central)	1208607	Florida	9,700	21.1	900	2.0	3,800	8.2	5,000	10.9	33100	Miami-Fort Lauderdale-West Palm Beach, FL
Northeast Maine-Aroostook & Washington Counties	2300100	Maine	8,200	21.1	1,700	4.3	2,400	6.3	4,100	10.5	na	na
Riverside County (Northwest)Jurupa Valley & Eastvale Cities	0606514	California	18,200	21.1	3,300	3.8	6,200	7.2	8,700	10.1	40140	Riverside-San Bernardino-Ontario, CA
Toledo City (West)	3900400	Ohio	13,700	21.1	2,400	3.7	5,200	8.0	6,100	9.4	45780	Toledo, OH
Calhoun County	0101100	Alabama	9,900	21.1	1,200	2.6	4,300	9.2	4,400	9.3	11500	Anniston-Oxford-Jacksonville, AL
Wood, Pleasants & Wirt Counties	5400700	West Virginia	8,400	21.1	1,400	3.4	3,600	9.1	3,400	8.6	37620	Parkersburg-Vienna, WV
San Antonio City (Northeast)Between Loop TX-1604 & Loop I-410	4805912	Texas	10,600	21.1	2,500	4.9	4,200	8.4	3,900	7.8	41700	San Antonio-New Braunfels, TX
Saginaw County	2601500	Michigan	16,400	21.1	1,800	2.3	8,600	11.1	6,000	7.8	40980	Saginaw, MI
Broward County (North Central)–Margate & Coconut Creek Cities	1201102	Florida	12,300	21.1	4,600	7.8	3,200	5.5	4,500	7.7	33100	Miami-Fort Lauderdale-West Palm Beach, FL
Billings City	3000700	Montana	10,700	21.1	2,800	5.5	4,300	8.5	3,600	7.1	13740	Billings, MT
Hudson County (Central)Jersey City (South)	3400602	New Jersey	10,600	21.1	3,500	6.9	3,800	7.7	3,300	6.5	35620	New York-Newark-Jersey City, NY-NJ-PA
Los Angeles County (Southeast)Long Beach City (East)	0603765	California	15,700	21.1	5,600	7.5	5,800	7.7	4,400	5.8	31080	Los Angeles-Long Beach-Anaheim, CA
NYC-Brooklyn Community District 1Greenpoint & Williamsburg	3604001	New York	19,600	21.1	7,400	7.9	7,200	7.8	5,100	5.5	35620	New York-Newark-Jersey City, NY-NJ-PA

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				STEM ations	S&E occ	upations	S&E-r	elated ations	STEM mi		MSA	
PUMA name	PUMA ID	State	Number	Percent	Number	Percent	Number	Percent	Number	Percent	code	MSA title
Centre County	4201200	Pennsylvania	14,600	21.1	4,900	7.1	5,900	8.6	3,800	5.4	44300	State College, PA
Utah County (East)Spanish Fork, Springville, Lehi (Northeast) & Highland Cities	4949004	Utah	16,900	21.1	6,200	7.8	7,000	8.7	3,700	4.6	39340	Provo-Orem, UT
Alachua County (Central)-Gainesville City (Central)	1200101	Florida	15,800	21.1	3,800	5.1	9,500	12.7	S	S	23540	Gainesville, FL
Los Angeles CountyCalabasas, Agoura Hills, Malibu & Westlake Village Cities	0603726	California	8,900	21.1	3,200	7.6	5,100	12.0	s	s	31080	Los Angeles-Long Beach-Anaheim, CA
Suffolk County (Central)-Islip Town (Northwest)	3603310	New York	14,200	21.0	1,900	2.8	3,300	4.9	9,000	13.3	35620	New York-Newark-Jersey City, NY-NJ-PA
Wayne County (Central)Westland, Garden City, Inkster & Wayne Cities	2603204	Michigan	14,300	21.0	2,600	3.8	3,400	5.1	8,300	12.1	19820	Detroit-Warren-Dearborn, MI
Lake Cumberland Area Development District (East)	2100700	Kentucky	7,000	21.0	s	s	2,800	8.3	3,900	11.9	na	na
DeKalb County	1702601	Illinois	10,900	21.0	1,100	2.1	4,200	8.2	5,600	10.8	16980	Chicago-Naperville-Elgin, IL-IN-WI
North Texas Regional Planning CommissionWichita CountyWichita Falls City	4800700	Texas	11,700	21.0	1,100	2.0	5,200	9.3	5,400	9.7	48660	Wichita Falls, TX
Hawaii County	1500200	Hawaii	17,700	21.0	3,200	3.8	7,400	8.8	7,200	8.5	na	na
Wicomico, Worcester & Somerset Counties-Salisbury City	2401400	Maryland	16,600	21.0	2,100	2.6	8,100	10.3	6,400	8.1	41540	Salisbury, MD-DE
Hampden County (East of Springfield City)Chicopee City	2501902	Massachusetts	13,500	21.0	3,400	5.2	5,200	8.1	4,900	7.6	44140	Springfield, MA
Sacramento County-Sacramento City (Southwest/Pocket, Meadowview & North Laguna)	0606709	California	12,900	21.0	3,800	6.3	4,900	7.9	4,200	6.8	40900	SacramentoRosevilleArden-Arcade, CA
Monmouth County (East Central)-Long Branch, Asbury Park Cities & Eatontown Borough	3401103	New Jersey	10,600	21.0	3,300	6.6	3,900	7.7	3,300	6.6	35620	New York-Newark-Jersey City, NY-NJ-PA
												Nashville-DavidsonMurfreesboro
Nashville-Davidson (Central)	4702503	Tennessee	16,700	21.0	5,400	6.8	7,200	9.0	4,100	5.2		Franklin, TN
Greene CountySpringfield City (South)	2902603	Missouri	14,000	21.0	3,800	5.6	7,300	10.9	3,000	4.4	44180	Springfield, MO
Canyon (South) & Owyhee CountiesCaldwell & Nampa (South & West) Cities	1600500	Idaho	13,400	20.9	1,400	2.2	3,600	5.6	8,400	13.1	14260	Boise City, ID
Lake County (Northwest)-Hammond & East Chicago Cities	1800101	Indiana	9,100	20.9	1,300	2.9	2,200	5.0	5,700	13.0	16980	Chicago-Naperville-Elgin, IL-IN-WI
Lake & Mendocino Counties	0603300	California	12,800	20.9	1,900	3.1	3,700	6.1	7,200	11.8	na	na
Pickens & Oconee CountiesEasley & Clemson Cities	4500101	South Carolina	18,400	20.9	1,900	2.2	6,800	7.7	9,700	11.0	24860	Greenville-Anderson-Mauldin, SC
Adams & Franklin (Southeast) Counties	4203701	Pennsylvania	13,100	20.9	1,900	3.1	4,400	7.0	6,800	10.8	16540	Chambersburg-Waynesboro, PA
Los Angeles County (North)LA City (Northeast/Sunland, Sun Valley & Tujunga)	0603708	California	13,800	20.9	2,800	4.2	4,000	6.1	7,000	10.6	31080	Los Angeles-Long Beach-Anaheim, CA
Acadiana Regional Development District 2Acadia & Vermilion Parishes	2201100	Louisiana	10,600	20.9	1,100	2.2	4,200	8.3	5,300	10.3	29180	Lafayette, LA
Mecklenburg County (East)Mint Hill & Matthews (North) Towns	3703107	North Carolina	15,500	20.9	3,700	5.0	4,300	5.8	7,500	10.2	16740	Charlotte-Concord-Gastonia, NC-SC
Putnam, Boone & Lincoln Counties	5400900	West Virginia	7,800	20.9	s	s	3,800	10.3	3,600	9.6	16620	Charleston, WV
Seminole County (South Central)	1211703	Florida	12,000	20.9	2,800	4.9	4,300	7.5	4,900	8.6	36740	Orlando-Kissimmee-Sanford, FL
North Delta RegionDeSoto CountySouthaven City	2800100	Mississippi	18,400	20.9	3,100	3.5	8,100	9.1	7,300	8.3	32820	Memphis, TN-MS-AR
Cochise & Santa Cruz CountiesSierra Vista City	0400900	Arizona	12,600	20.9	5,100	8.4	3,400	5.7	4,100	6.8	43420	Sierra Vista-Douglas, AZ
Los Angeles County (East Central)Covina & Walnut Cities	0603713	California	11,800	20.9	3,000	5.4	5,100	9.1	3,600	6.4	31080	Los Angeles-Long Beach-Anaheim, CA
Miami-Dade County (East Central)Kendall (North), Sunset & Westwood Lakes	1208620	Florida	10,000	20.9	2,900	6.0	4,100	8.7	3,000	6.2	33100	Miami-Fort Lauderdale-West Palm Beach, FL

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# STEM workers, by occupation group and Public Use Microdata Area: 2021

				STEM ations	S&E occ	upations	S&E-roccup	elated ations	STEM mi	ddle-skill ations	MSA	
PUMA name	PUMA ID	State	Number	Percent	Number	Percent	Number	Percent	Number	Percent	code	MSA title
Los Angeles County (East Central)-Glendora, Claremont, San Dimas & La Verne												
Cities	0603711	California	16,300	20.9	4,200	5.4	7,200	9.2	4,900	6.2		Los Angeles-Long Beach-Anaheim, CA
Rockland County (North)New City & Congers	3603001	New York	9,500	20.9	1,700	3.8	5,200	11.3	2,700	5.9	35620	New York-Newark-Jersey City, NY-NJ-PA
Palm Beach County (West of Boca Raton City)	1209909	Florida	10,600	20.9	2,500	5.0	5,300	10.4	2,800	5.5	33100	Miami-Fort Lauderdale-West Palm Beach, FL
Monroe County (Central)Rochester City (East)	3600902	New York	10,300	20.9	2,700	5.5	5,200	10.5	2,400	4.9	40380	Rochester, NY
Detroit City (South Central & Southeast)	2603211	Michigan	9,800	20.9	3,400	7.3	4,400	9.3	2,000	4.3	19820	Detroit-Warren-Dearborn, MI
Dallas County (Southeast)-Dallas City (Southeast)	4802304	Texas	10,300	20.8	1,200	2.4	s	s	7,100	14.4	19100	Dallas-Fort Worth-Arlington, TX
Jefferson County (North Central)-Beaumont City	4804301		10,600	20.8	400	0.9	4,500	8.9	5,700	11.1	13140	
Escambia County (South)	1203302	Florida	16,500	20.8	2,400	3.0	6,100	7.7	8,000	10.1	37860	Pensacola-Ferry Pass-Brent, FL
Bonner, Latah, Shoshone, Boundary, Benewah & Kootenai (Southeast) Counties	1600100		11,900	20.8	2,500	4.3	4,200	7.4	5,200	9.1		Coeur d'Alene, ID
Marathon County	5501600	Wisconsin	14,900	20.8	3,300	4.5	5,200	7.3	6,400	8.9	48140	Wausau, WI
Winnebago County (Southeast & West)Rockford City	1702801	Illinois	16,200	20.8	2,500	3.3	6,900	8.9	6,700	8.6	40420	Rockford, IL
Palm Beach County (East Central)-Greater Boynton Beach City (North)	1209906	Florida	15,800	20.8	3,100	4.0	7,100	9.3	5,600	7.4	33100	Miami-Fort Lauderdale-West Palm Beach, FL
Bergen County (Southwest)Rutherford, North Arlington & Hasbrouck Heights												
Boroughs	3400302	New Jersey	14,000	20.8	3,100	4.6	6,500	9.7	4,400	6.6	35620	New York-Newark-Jersey City, NY-NJ-PA
Orange County (Central)Orange & Villa Park Cities	0605911	California	14,600	20.8	3,400	4.8	6,900	9.9	4,300	6.2	31080	Los Angeles-Long Beach-Anaheim, CA
Memphis (East), Lakeland Cities & Arlington Town (South)	4703205	Tennessee	12,600	20.8	4,500	7.5	5,000	8.2	3,100	5.1	32820	Memphis, TN-MS-AR
Ramsey County (Southwest)St. Paul City (West)	2701304	Minnesota	18,300	20.8	6,900	7.9	6,900	7.9	4,400	5.0	33460	Minneapolis-St. Paul-Bloomington, MN-WI
Philadelphia City (Northwest)	4203206	Pennsylvania	15,800	20.8	5,200	6.8	6,900	9.1	3,700	4.9	37980	Philadelphia-Camden-Wilmington, PA-NJ- DE-MD
Kane County (Southeast)-Aurora Township	1703005	Illinois	12,800	20.7	S	1.3	s	s	9,600	15.5	16980	Chicago-Naperville-Elgin, IL-IN-WI
Northeast Colorado-Eastern Plains Region	0800100	Colorado	9,900	20.7	900	1.8	2,500	5.1	6,600	13.7	19740	Denver-Aurora-Lakewood, CO
Subsistence Alaska	0200400	Alaska	9,700	20.7	400	0.9	2,900	6.1	6,400	13.6	na	na
Georgia Mountains Regional Commission (South Central)Hall County	1303400	Georgia	20,200	20.7	2,800	2.9	4,800	4.9	12,600	12.9	23580	Gainesville, GA
San Diego County (Southwest)-Chula Vista (West) & National City Cities	0607321	California	15,800	20.7	2,300	3.1	3,700	4.9	9,700	12.8	41740	San Diego-Carlsbad, CA
Sweetwater, Fremont, Uinta, Sublette & Hot Springs CountiesWind River Reservation	5600500	Wyoming	10,700	20.7	2,000	3.9	2,100	4.1	6,500	12.6	na	na
Butler County (South Central)-Hamilton & Fairfield Cities	3905402	Ohio	12,600	20.7	2,100	3.5	4,400	7.2	6,100	10.0	17140	Cincinnati, OH-KY-IN
Phoenix (Southwest) & Tolleson Cities	0400121	Arizona	13,800	20.7	2,900	4.3	4,300	6.4	6,600	9.9	38060	Phoenix-Mesa-Scottsdale, AZ
Isabella, Gratiot & Clare Counties	2601200	Michigan	11,800	20.7	2,000	3.5	4,500	7.8	5,300	9.3	na	na
Lancaster County–Lancaster City, East Lampeter, Lancaster & West Lampeter Townships	4203501	Pennsylvania	12,100	20.7	2,200	3.8	4,900	8.4	4,900	8.4	29540	Lancaster, PA
San Diego County (South Central)-San Diego City (Central/Mid-City)	0607317	California	16,500	20.7	4,900	6.2	4,900	6.2	6,600	8.3	41740	San Diego-Carlsbad, CA

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# STEM workers, by occupation group and Public Use Microdata Area: 2021

				STEM ations	S&E occi	upations	S&E-roccup		STEM mi	ddle-skill ations	MSA	
PUMA name	PUMA ID	State	Number	Percent	Number	Percent	Number	Percent	Number	Percent	code	MSA title
Central Region-Hinds (West), Warren & Copiah CountiesVicksburg City	2801200	Mississippi	8,000	20.7	1,200	3.0	3,700	9.5	3,200	8.2	27140	Jackson, MS
Dallas City (North)South of I-635 & West of US-75	4802311	Texas	11,100	20.7	2,300	4.2	4,400	8.3	4,400	8.1	19100	Dallas-Fort Worth-Arlington, TX
Hidalgo County (Central)McAllen City	4806805	Texas	12,700	20.7	1,500	2.5	6,500	10.5	4,800	7.8	32580	McAllen-Edinburg-Mission, TX
Brazos Valley COG-Brazos CountyCollege Station & Bryan Cities	4803602	Texas	22,200	20.7	5,100	4.7	9,000	8.4	8,200	7.6	17780	College Station-Bryan, TX
San Francisco County (South Central)-Bayview & Hunters Point	0607507	California	9,900	20.7	3,600	7.6	2,800	5.9	3,500	7.2	41860	San Francisco-Oakland-Hayward, CA
Alamo Area COG (Northeast)Comal County	4805800	Texas	17,300	20.7	4,700	5.7	7,700	9.3	4,800	5.8	41700	San Antonio-New Braunfels, TX
Collin County (Central)McKinney City	4801905	Texas	16,400	20.7	6,900	8.7	5,900	7.4	3,600	4.5	19100	Dallas-Fort Worth-Arlington, TX
Dallas City (Downtown)North of I-30	4802313	Texas	18,900	20.7	6,800	7.4	9,500	10.5	2,600	2.8	19100	Dallas-Fort Worth-Arlington, TX
Dallas (East) & Mesquite (West) CitiesSouth of I-30 & West of I-635	4802305	Texas	11,700	20.6	s	1.3	s	s	9,400	16.6	19100	Dallas-Fort Worth-Arlington, TX
Colusa, Glenn, Tehama & Trinity Counties	0601100	California	9,400	20.6	1,100	2.5	s	s	6,600	14.4	na	na
Greene, Carter, Unicoi & Johnson Counties	4701200	Tennessee	13,200	20.6	1,100	1.8	4,000	6.3	8,000	12.6	27740	Johnson City, TN
Riverside County (Northwest)Riverside City (West)	0606511	California	17,100	20.6	2,600	3.1	4,300	5.1	10,200	12.3	40140	Riverside-San Bernardino-Ontario, CA
Arapahoe (West) & Adams (South Central) Counties-Aurora City (North Central)	0800809	Colorado	13,000	20.6	2,700	4.3	3,100	4.9	7,200	11.4	19740	Denver-Aurora-Lakewood, CO
Southwest Region	2801600	Mississippi	12,300	20.6	1,700	2.9	3,800	6.4	6,800	11.3	na	na
Northwest Georgia Regional Commission (Northeast)	1302800	Georgia	16,900	20.6	2,300	2.8	5,700	7.0	8,900	10.9	12060	Atlanta-Sandy Springs-Roswell, GA
White, Jackson, Prairie & Woodruff Counties	0500800	Arkansas	9,300	20.6	1,000	2.1	3,600	8.0	4,700	10.5	na	na
Yamhill & Polk Counties	4101200	Oregon	18,700	20.6	2,800	3.1	6,500	7.2	9,400	10.3	38900	Portland-Vancouver-Hillsboro, OR-WA
Northeast Georgia Regional Commission (Northwest)-Barrow & Jackson Counties	1303800	Georgia	15,400	20.6	2,500	3.3	5,300	7.1	7,600	10.2	12060	Atlanta-Sandy Springs-Roswell, GA
South RegionForrest, Lamar, Marion & Perry Counties-Hattiesburg City	2801800	Mississippi	16,100	20.6	1,300	1.7	7,200	9.3	7,500	9.6		Hattiesburg, MS
Santa Cruz County (North)Watsonville & Scotts Valley Cities	0608701	California	13,200	20.6	3,800	5.9	4,600	7.1	4,800	7.6	42100	Santa Cruz-Watsonville, CA
Lake County (Northwest)-Avon, Lake Villa, Antioch & Grant Townships	1703306	Illinois	16,100	20.6	4,700	6.0	5,600	7.1	5,800	7.4	16980	Chicago-Naperville-Elgin, IL-IN-WI
Union County (Southwest)Plainfield City & Westfield Town (South)	3401903	New Jersey	10,600	20.6	3,300	6.5	3,700	7.2	3,500	6.9	35620	New York-Newark-Jersey City, NY-NJ-PA
Northeast Georgia Regional Commission (Central)-Clarke County-Athens City	1303600	Georgia	13,900	20.6	4,600	6.8	4,900	7.2	4,500	6.6	12020	Athens-Clarke County, GA
Santa Clara County (Central)-San Jose City (Central)	0608510		16,900	20.6	6,800	8.3	5,300	6.4	4,800	5.9	41940	San Jose-Sunnyvale-Santa Clara, CA
Bergen County (Southeast)Fort Lee, Cliffside Park & Palisades Park Boroughs	3400303	New Jersey	15,100	20.6	4,800	6.6	6,200	8.5	4,000	5.5	35620	New York-Newark-Jersey City, NY-NJ-PA
Fort Worth City (North)East of I-35W & West of US-377	4802511	Texas	13,000	20.6	4,700	7.5	5,000	7.9	3,300	5.2	19100	Dallas-Fort Worth-Arlington, TX
Los Angeles County (Central)-Glendale City	0603719	California	18,800	20.6	4,900	5.3	9,200	10.1	4,700	5.2	31080	Los Angeles-Long Beach-Anaheim, CA
Tompkins County	3602300	New York	10,300	20.6	3,700	7.4	4,100	8.2	2,500	5.0	27060	Ithaca, NY
Marin County (North & West)Novato & San Rafael (North) Cities	0604101	California	10,100	20.6	2,900	5.9	4,900	9.9	2,400	4.8	41860	San Francisco-Oakland-Hayward, CA
Essex County (Northwest)	3401403	New Jersey	10,600	20.6	4,200	8.1	4,400	8.5	2,100	4.0	35620	New York-Newark-Jersey City, NY-NJ-PA
NYC-Manhattan Community District 6Murray Hill, Gramercy & Stuyvesant Town	3603808	New York	18,200	20.6	8,800	10.0	6,100	6.9	3,300	3.7	35620	
Williamson CountyFranklin & Brentwood Cities	4702600	Tennessee	26,000	20.6	10,100	8.0	11,500	9.1	4,400	3.5		Nashville-Davidson-Murfreesboro- Franklin, TN
Hidalgo County (South Central)Pharr, San Juan & Hidalgo Cities	4806803	Texas	9,600	20.5	1,000	2.2	2,500	5.4	6,100	12.9	32580	McAllen-Edinburg-Mission, TX

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PUMA name	PUMA ID	State	Number	Percent	Number	Percent	Number	Percent	Number	Percent	code	MSA title
KIPDA Area Development District (West)Louisville/Jefferson County	0101706	Waretonalin.	14000	00.5	1 100	1.6	4.000	6.1	0.000	10.0	01140	Landadilla / Laffarra an Octobril 10/ IN
(Southwest)		Kentucky	14,300	20.5	1,100	1.6	4,200	6.1	8,900	12.8		Louisville/Jefferson County, KY-IN
Howell, Texas, Wright, Douglas, Oregon, Ozark & Shannon Counties	2902500		9,500	20.5	400	0.8	3,300	7.2	5,800	12.6		na
Sedgwick County (Central)—Wichita City (Central)	2001303		10,600	20.5	900	1.8	3,400	6.6	6,200	12.1	48620	
Central Southeast New Mexico	3501100		10,600	20.5	1,300	2.6	3,700	7.1	5,500	10.8	na	
Gila, Graham, Greenlee & Pinal (East) Counties	0400800		7,800	20.5	1,000	2.6	2,800	7.3	4,000	10.6	38060	
El Paso City (Central)	4803304		7,400	20.5	1,500	4.3	2,100	5.9	3,700	10.2		El Paso, TX
Sarasota County (East)	1211503		13,600	20.5	1,600	2.4	5,700	8.5	6,300	9.6		North Port-Sarasota-Bradenton, FL
Los Angeles County (South)Downey City	0603753		10,700	20.5	2,800	5.4	3,000	5.7	4,900	9.3	31080	Los Angeles-Long Beach-Anaheim, CA
Los Angeles County (South)Long Beach City (Southwest & Port)	0603766	California	9,400	20.5	2,300	4.9	3,600	7.7	3,600	7.8	31080	Los Angeles-Long Beach-Anaheim, CA
Collier County (Northwest)	1202101	Florida	10,100	20.5	1,100	2.3	5,500	11.1	3,500	7.1	34940	Naples-Immokalee-Marco Island, FL
Harris County (Northwest)Jersey Village CityBetween Beltway TX-8 & FM-1960	4804628	Texas	11,200	20.5	3,400	6.3	4,000	7.3	3,800	6.9	26420	Houston-The Woodlands-Sugar Land, TX
Washoe County (South Central)-Reno City	3200101	Nevada	19,700	20.5	6,200	6.4	7,200	7.4	6,400	6.7	39900	Reno, NV
Hudson County (North)West New York, Secaucus & Guttenberg Towns	3400701	New Jersey	15,400	20.5	5,600	7.4	5,100	6.8	4,700	6.3	35620	New York-Newark-Jersey City, NY-NJ-PA
Orange County (West Central)Winter Garden, Ocoee Cities & Oakland Town	1209502	Florida	14,600	20.5	2,800	4.0	7,400	10.4	4,300	6.1		Orlando-Kissimmee-Sanford, FL
Columbus (Southeast) & Reynoldsburg Cities	3904108	Ohio	11,900	20.5	3,200	5.5	5,500	9.5	s	s	18140	Columbus, OH
San Antonio City (Southwest)Inside Loop I-410	4805906	Texas	9,000	20.4	S	S	S	S	7,000	15.8	41700	San Antonio-New Braunfels, TX
Southwest Alabama	0102200	Alabama	8,700	20.4	600	1.5	3,200	7.5	4,800	11.3	na	na
Tuscarawas & Harrison Counties	3903000	Ohio	9,700	20.4	700	1.5	3,600	7.6	5,400	11.3	na	na
Berks County (Southwest)-Reading City	4202702	Pennsylvania	11,600	20.4	2,100	3.6	3,300	5.8	6,200	10.9	39740	Reading, PA
Middle Georgia Regional Commission (Central)Bibb CountyMacon City	1301400	Georgia	13,100	20.4	2,500	3.9	4,400	6.8	6,200	9.6	31420	Macon, GA
Miami-Dade County (East Central)-South Miami City, Westchester & Coral Terrace	1208617	Florida	10,000	20.4	2,000	4.1	3,600	7.3	4,400	9.0	33100	Miami-Fort Lauderdale-West Palm Beach FL
Polk County (Northwest)	1210501	Florida	16,400	20.4	3,600	4.5	5,900	7.3	6,900	8.6	29460	Lakeland-Winter Haven, FL
Duval County (Southwest Central)Jacksonville City (Southwest)	1203107	Florida	17,400	20.4	3,600	4.2	6,800	8.0	7,000	8.3		Jacksonville, FL
Ocean County (South)	3401201	New Jersey	12,800	20.4	2,600	4.1	5,500	8.8	4,700	7.6	35620	New York-Newark-Jersey City, NY-NJ-PA
Tucson City (Northwest)	0400207	Arizona	11,100	20.4	3,900	7.2	3,700	6.7	3,600	6.5	46060	Tucson, AZ
Harris County (North)North of FM-1960, West of I-45 & East of TX-249	4804629	Texas	11,100	20.4	2,500	4.7	5,400	9.8	3,200	5.9	26420	Houston-The Woodlands-Sugar Land, TX
South Texas Development Council (South) & Coastal Bend COG (West)	4806400		7,000	20.3	S	s	s	s	5,100	14.7	na	•
Hillsborough County (Northeast)	1205706		12,400	20.3	1,700	2.7	3,000	4.9	7,800	12.7	45300	
Dallas, Bibb, Marengo, Hale, Sumter, Perry & Greene Counties	0101700		8,200	20.3	500	1.2	2,800	7.0	4,900	12.1	13820	
Deep East Texas COG (Central)-Angelina & Nacogdoches Counties	4804000		12,400	20.3	1,100	1.8	4,100	6.7	7,200	11.8	na	-
Sacramento County (North)-Sacramento City (North), Antelope & Rio Linda	0606706		10,100	20.3	2,400	4.8	2,300	4.7	5,400	10.8	40900	
Georgetown, Marion & Dillon Counties		South Carolina	9,100	20.3	900	1.9	3,700	8.2	4,500	10.1	na	na

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PUMA name	PUMA ID	State	Number	Percent	Number	Percent	Number	Percent	Number	Percent	code	MSA title
												Virginia Beach-Norfolk-Newport News,
Norfolk City (Northeast)	5151154	Virginia	18,500	20.3	4,500	4.9	5,400	5.9	8,600	9.4	47260	VA-NC
Los Angeles County (Northwest)LA City (North Central/Van Nuys & North Sherman Oaks)	0603722	California	16,800	20.3	3,100	3.7	6,000	7.2	7,700	9.3	31080	Los Angeles-Long Beach-Anaheim, CA
Southeast Kansas	2001500	Kansas	10,900	20.3	1,100	2.1	4,800	8.9	5,000	9.2	na	na
KIPDA Area Development District (West)Louisville/Jefferson County (South Central)	2101705	Kentucky	13,100	20.3	2,900	4.5	4,700	7.2	5,600	8.6	31140	Louisville/Jefferson County, KY-IN
Milwaukee City (North Central)	5541002	Wisconsin	9,300	20.3	1,700	3.8	4,000	8.7	3,600	7.8	33340	Milwaukee-Waukesha-West Allis, WI
Navajo & Apache Counties	0400300	Arizona	10,500	20.3	1,100	2.1	5,300	10.3	4,000	7.8	na	na
Nassau County (Central)Hempstead Town (North Central)Meadowbrook Corridor	3603206	New York	14,900	20.3	2,700	3.7	6,600	9.0	5,600	7.6	35620	New York-Newark-Jersey City, NY-NJ-PA
Tarrant County (Southwest)Fort Worth (Southwest) & Benbrook Cities	4802514	Texas	15,000	20.3	3,900	5.2	6,000	8.2	5,100	6.9	19100	Dallas-Fort Worth-Arlington, TX
Orange County (North Central)Anaheim City (West)	0605909	California	14,000	20.3	3,900	5.7	5,600	8.1	4,500	6.5	31080	Los Angeles-Long Beach-Anaheim, CA
Clark County (Central)-Henderson City (West)	3200411	Nevada	20,800	20.3	4,600	4.5	9,500	9.3	6,700	6.5	29820	Las Vegas-Henderson-Paradise, NV
Houston (East), Galena Park, Jacinto Cities & Cloverleaf	4804606	Texas	8,700	20.2	500	1.2	s	S	7,000	16.1	26420	Houston-The Woodlands-Sugar Land, TX
San Bernardino County (Southwest)-Fontana City (East)	0607110	California	9,900	20.2	1,000	2.1	2,300	4.7	6,500	13.4	40140	Riverside-San Bernardino-Ontario, CA
Orange County (Central)Santa Ana City (East)	0605917	California	14,600	20.2	1,900	2.7	3,300	4.6	9,400	12.9	31080	Los Angeles-Long Beach-Anaheim, CA
Columbiana County	3903400	Ohio	8,800	20.2	1,000	2.4	2,400	5.4	5,400	12.4	na	na
Caldwell & Alexander Counties	3702000	North Carolina	9,800	20.2	1,100	2.3	3,100	6.3	5,600	11.6	25860	Hickory-Lenoir-Morganton, NC
Cook County (South Central)Bremen & Orland (East) Townships	1703412	Illinois	8,800	20.2	700	1.6	3,800	8.7	4,400	9.9	16980	Chicago-Naperville-Elgin, IL-IN-WI
Maricopa CountyEl Mirage City & Sun City	0400130	Arizona	7,500	20.2	900	2.4	3,200	8.5	3,400	9.3	38060	Phoenix-Mesa-Scottsdale, AZ
Atlanta Regional Commission (South Central)-Clayton County (North)-Forest Park City	1305002	Georgia	15,700	20.2	2,300	3.0	6,300	8.0	7,100	9.2	12060	Atlanta-Sandy Springs-Roswell, GA
Onondaga County (Central)-Syracuse City	3600701	New York	11,500	20.2	2,300	4.1	4,200	7.4	5,000	8.7	45060	Syracuse, NY
Cameron County (East)Brownsville City (North)	4806701	Texas	10,200	20.2	S	S	5,400	10.7	4,300	8.6	15180	Brownsville-Harlingen, TX
Comanche County (Central)Lawton City	4000601	Oklahoma	7,200	20.2	1,200	3.4	3,000	8.4	3,000	8.3	30020	Lawton, OK
Clark County (Central)-Paradise (South) & Enterprise	3200413	Nevada	18,900	20.2	3,100	3.3	8,600	9.2	7,300	7.7	29820	Las Vegas-Henderson-Paradise, NV
Montgomery City & Pike Road Town (North)	0102000	Alabama	16,400	20.2	3,400	4.2	7,300	9.0	5,700	7.1	33860	Montgomery, AL
Kern County (Central)Bakersfield City (West)	0602902	California	20,800	20.2	5,200	5.0	8,600	8.3	7,100	6.8	12540	Bakersfield, CA
San Diego County (Central)El Cajon & Santee Cities	0607313	California	16,300	20.2	5,000	6.2	6,000	7.4	5,300	6.6	41740	San Diego-Carlsbad, CA
Charlotte City (South)	3703104	North Carolina	16,000	20.2	6,300	7.9	6,500	8.2	3,300	4.1	16740	Charlotte-Concord-Gastonia, NC-SC
Regional Planning Commission 8New Orleans City (South)	2202402	Louisiana	10,100	20.2	2,900	5.8	5,300	10.5	2,000	3.9	35380	New Orleans-Metairie, LA
Columbus, Bladen & Robeson (East) Counties	3704900	North Carolina	7,200	20.1	400	1.0	2,100	5.8	4,800	13.4	na	na
Honolulu CountyRural Oahu	1500301	Hawaii	6,400	20.1	500	1.5	1,800	5.7	4,100	12.8		Urban Honolulu, HI
Mercer County (West Central)Trenton City	3402301	New Jersey	10,400	20.1	1,500	2.9	s	s	6,500	12.7	45940	Trenton, NJ

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# STEM workers, by occupation group and Public Use Microdata Area: 2021

				STEM ations	S&E occ	upations	S&E-r occup	elated ations	STEM mi occup		MSA	
PUMA name	PUMA ID	State	Number	Percent	Number	Percent	Number	Percent	Number	Percent	code	MSA title
Northwest Georgia Regional Commission (East Central)Bartow County	1302900	Georgia	10,000	20.1	1,400	2.7	3,200	6.5	5,400	10.9	12060	Atlanta-Sandy Springs-Roswell, GA
Phoenix City (South)	0400119	Arizona	10,200	20.1	2,600	5.0	2,500	4.8	5,200	10.3	38060	Phoenix-Mesa-Scottsdale, AZ
Tulsa County (North)Tulsa (North) & Owasso Cities	4001203	Oklahoma	10,600	20.1	1,700	3.3	3,600	6.9	5,200	9.9	46140	Tulsa, OK
Capital Region Planning Commission 7Tangipahoa & Washington Parishes	2201800	Louisiana	15,100	20.1	700	0.9	7,300	9.7	7,100	9.4	25220	Hammond, LA
Waterbury Town	0900901	Connecticut	9,900	20.1	1,800	3.7	3,900	7.9	4,200	8.6	35300	New Haven-Milford, CT
Danbury, Ridgefield, Bethel, Brookfield, New Fairfield, Redding & Sherman Towns	0900100	Connecticut	18,200	20.1	4,500	5.0	6,000	6.7	7,600	8.4	14860	Bridgeport-Stamford-Norwalk, CT
Erie City, Lawrence Park Township & Wesleyville Borough	4200101	Pennsylvania	8,400	20.1	1,700	4.0	3,600	8.6	3,100	7.5	21500	Erie, PA
Central Savannah River Area Regional Commission (East Central)Richmond County	1304000	Georgia	16,500	20.1	2,900	3.5	7,500	9.2	6,000	7.4	12260	Augusta-Richmond County, GA-SC
Winston-Salem City (North)	3701801	North Carolina	9,300	20.1	1,600	3.4	4,400	9.3	3,400	7.3	49180	Winston-Salem, NC
Hillsborough County (Central)	1205707	Florida	21,200	20.1	6,600	6.3	7,200	6.8	7,300	6.9	45300	Tampa-St. Petersburg-Clearwater, FL
Erie County (West Central)Buffalo City (West)	3601206	New York	12,200	20.1	2,900	4.8	5,300	8.7	4,000	6.5	15380	Buffalo-Cheektowaga-Niagara Falls, NY
Hennepin CountyMinneapolis City (Southeast)	2701406	Minnesota	14,600	20.1	5,200	7.2	5,300	7.2	4,100	5.7	33460	Minneapolis-St. Paul-Bloomington, MN-WI
Regional Planning Commission 6New Orleans City (Northeast)	2202400	Louisiana	12,600	20.1	2,100	3.4	7,000	11.3	3,400	5.5	35380	New Orleans-Metairie, LA
District of Columbia (Northeast)	1100103	District of Columbia	13,000	20.1	7,800	12.1	4,000	6.1	s	s	47900	Washington-Arlington-Alexandria, DC-VA- MD-WV
St. Francis, Poinsett, Phillips, Cross, Lee & Monroe Counties	0500700	Arkansas	6,700	20.0	500	1.4	1,900	5.8	4,300	12.8	27860	Jonesboro, AR
Alamo Area COG (Southwest)	4806100	Texas	11,300	20.0	1,600	2.8	3,100	5.5	6,600	11.7	41700	San Antonio-New Braunfels, TX
Osceola County (East)	1209702	Florida	17,800	20.0	2,800	3.2	5,900	6.7	9,100	10.2	36740	Orlando-Kissimmee-Sanford, FL
Bingham (Outside Fort Hall AIR), Madison, Jefferson, Fremont & Teton Counties	1601100	Idaho	15,400	20.0	2,300	3.1	5,400	7.0	7,700	10.0	26820	Idaho Falls, ID
Heart of Georgia Altamaha Regional Commission (North & West)	1301300	Georgia	9,900	20.0	600	1.2	4,400	8.8	4,900	9.9	na	na
Broward County (Central)Tamarac, Oakland Park & North Lauderdale Cities	1201105	Florida	18,700	20.0	2,500	2.7	7,000	7.5	9,100	9.8	33100	Miami-Fort Lauderdale-West Palm Beach, FL
Philadelphia City (Near Northeast-West)	4203202	Pennsylvania	12,700	20.0	1,500	2.3	5,100	8.0	6,200	9.8	37980	Philadelphia-Camden-Wilmington, PA-NJ- DE-MD
Dallas City (Northeast)East of US-75	4802307	Texas	12,700	20.0	3,200	5.0	3,400	5.3	6,100	9.7	19100	Dallas-Fort Worth-Arlington, TX
Davie, Yadkin & Iredell (North) Counties	3701900	North Carolina	9,700	20.0	1,400	2.9	3,800	7.8	4,500	9.3	16740	Charlotte-Concord-Gastonia, NC-SC
San Diego County (Northwest)Vista City	0607303	California	9,800	20.0	2,900	5.9	2,700	5.5	4,200	8.6	41740	San Diego-Carlsbad, CA
Duval County (Outer)Jacksonville City (North & West)	1203101	Florida	14,300	20.0	3,400	4.8	5,600	7.9	5,300	7.4	27260	Jacksonville, FL
Montgomery County (East Central)Dayton & Riverside Cities	3904603	Ohio	13,300	20.0	2,800	4.2	5,600	8.4	4,900	7.4	19380	Dayton, OH
Indian River County	1206100	Florida	12,300	20.0	1,500	2.5	6,700	10.9	4,100	6.6	42680	Sebastian-Vero Beach, FL
Los Angeles County (South Central)Carson City	0603762	California	9,900	20.0	1,600	3.2	5,300	10.7	3,000	6.1	31080	Los Angeles-Long Beach-Anaheim, CA
Richland County (Central)-Columbia City	4500604	South Carolina	19,100	20.0	6,700	7.0	6,800	7.2	5,600	5.8	17900	Columbia, SC
NYC-Brooklyn Community District 9Crown Heights South, Prospect Lefferts & Wingate	3604011	New York	10,400	20.0	3,300	6.4	4,000	7.8	3,000	5.8	35620	New York-Newark-Jersey City, NY-NJ-PA

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# STEM workers, by occupation group and Public Use Microdata Area: 2021

(Number and percent)

			ALL S	STEM ations	S&E occi	upations	S&E-re		STEM mi	ddle-skill ations	MSA	
PUMA name	PUMA ID	State	Number	Percent	Number	Percent	Number	Percent	Number	Percent	code	MSA title
Kern County (Central)Bakersfield City (Southeast)	0602904	California	9,000	19.9	s	s	S	s	7,000	15.3	12540	Bakersfield, CA
Elmore, Jerome, Blaine, Minidoka, Gooding, Lincoln & Camas Counties	1601000	Idaho	10,900	19.9	1,100	2.0	s	s	7,700	14.0	na	na
Merced County (West & South)Los Banos & Livingston Cities	0604701	California	8,900	19.9	s	s	2,500	5.6	6,200	14.0	32900	Merced, CA
Jackson (South), Macon, Cherokee & Clay Counties	3702400	North Carolina	9,900	19.9	1,800	3.6	S	S	6,300	12.7	na	na
Miami-Dade CountyNorth Miami City (Southwest) & Golden Glades (West)	1208605	Florida	9,300	19.9	s	s	3,000	6.5	5,600	11.9	33100	Miami-Fort Lauderdale-West Palm Beach, FL
Umatilla, Union, Baker & Wallowa Counties	4100100	Oregon	11,300	19.9	1,200	2.2	3,500	6.1	6,600	11.6	na	na
Los Angeles County (South)-LA City (South/San Pedro)	0603767	California	16,800	19.9	3,300	3.9	4,200	5.0	9,300	11.0	31080	Los Angeles-Long Beach-Anaheim, CA
Polk County (South)	1210504	Florida	12,100	19.9	1,200	2.0	4,300	7.1	6,600	10.9	29460	Lakeland-Winter Haven, FL
Contra Costa County (Northeast)Antioch City	0601308	California	10,100	19.9	1,000	2.0	4,000	7.9	5,100	10.0	41860	San Francisco-Oakland-Hayward, CA
Palm Beach County (East Central)Lake Worth City, Lantana Town & Atlantis City	1209905	Florida	13,900	19.9	1,900	2.7	5,100	7.3	6,900	9.8	33100	Miami-Fort Lauderdale-West Palm Beach, FL
Jackson County (North Central)	2901002	Missouri	11,400	19.9	2,400	4.2	3,400	6.0	5,600	9.7	28140	Kansas City, MO-KS
San Bernardino County (Southwest)-Ontario City	0607113	California	16,200	19.9	2,000	2.4	6,300	7.8	7,800	9.6	40140	Riverside-San Bernardino-Ontario, CA
Lorain County (North)Elyria & Lorain Cities	3900801	Ohio	11,600	19.9	1,600	2.8	4,500	7.7	5,500	9.4	17460	Cleveland-Elyria, OH
Escambia County (North)	1203301	Florida	11,800	19.9	2,400	4.0	4,700	7.9	4,700	8.0	37860	Pensacola-Ferry Pass-Brent, FL
Kennebec County	2300400	Maine	11,300	19.9	2,800	4.9	4,100	7.2	4,500	7.9	na	na
Pierce County (North Central)Tacoma (Port) & Bonney Lake (Northwest) Cities	5311505	Washington	12,400	19.9	3,400	5.4	4,800	7.7	4,300	6.8	42660	Seattle-Tacoma-Bellevue, WA
Los Angeles County (Central)-Alhambra & South Pasadena Cities	0603736	California	10,900	19.9	3,300	6.1	5,300	9.8	2,200	4.1	31080	Los Angeles-Long Beach-Anaheim, CA
Albany County (East Central)Albany City	3602001	New York	10,200	19.9	3,000	5.9	5,300	10.3	S	S	10580	Albany-Schenectady-Troy, NY
Southwest New Mexico	3500900	New Mexico	6,500	19.8	s	s	s	5.2	4,200	12.8	10740	Albuquerque, NM
Dallas County (Northeast)Garland City (South)	4802302	Texas	9,200	19.8	2,100	4.4	1,900	4.1	5,200	11.2	19100	Dallas-Fort Worth-Arlington, TX
Los Angeles County (Southeast)Norwalk City	0603755	California	10,300	19.8	2,100	4.1	3,100	5.9	5,100	9.7	31080	Los Angeles-Long Beach-Anaheim, CA
Cuyahoga County (Southeast)Bedford, Garfield Heights & Maple Heights Cities	3900907	Ohio	8,600	19.8	1,900	4.5	2,700	6.3	3,900	9.0	17460	Cleveland-Elyria, OH
Yakima County (Central)Greater Yakima City	5310901	Washington	10,200	19.8	1,300	2.5	4,500	8.8	4,400	8.6	49420	Yakima, WA
Tarrant County (West)-Fort Worth City (West)	4802515	Texas	11,100	19.8	3,100	5.5	3,600	6.4	4,400	7.8	19100	Dallas-Fort Worth-Arlington, TX
Chattanooga City (South & Central)	4702001	Tennessee	11,400	19.8	1,900	3.3	5,000	8.7	4,500	7.8	16860	Chattanooga, TN-GA
Coastal Regional Commission (South)Glynn Camden & McIntosh Counties	1300100	Georgia	13,200	19.8	2,800	4.2	5,600	8.4	4,800	7.2	15260	Brunswick, GA
Marion CountyLawrence TownshipIndianapolis (Northeast) & Lawrence Cities	1802303	Indiana	12,000	19.8	3,200	5.2	6,300	10.4	s	4.2	26900	Indianapolis-Carmel-Anderson, IN
Fairfield, New Canaan, Wilton, Weston & Easton Towns	0900101	Connecticut	10,700	19.8	2,800	5.3	6,200	11.5	s	3.0	14860	Bridgeport-Stamford-Norwalk, CT
Dallas City (East Central)South of I-30 & East of I-35E	4802314	Texas	9,600	19.7	700	1.4	S	s	7,700	15.8	19100	Dallas-Fort Worth-Arlington, TX
Yakima County (Outer)Sunnyside & Grandview Cities	5310902	Washington	9,900	19.7	500	1.0	2,200	4.4	7,200	14.3	49420	Yakima, WA
Tarrant County (East)-Arlington (East) & Grand Prairie (West Central) Cities	4802503	Texas	11,900	19.7	1,500	2.5	s	s	8,300	13.8		Dallas-Fort Worth-Arlington, TX
Milwaukee City (South Central)	5541004	Wisconsin	7,700	19.7	700	1.8	2,400	6.2	4,600	11.7	33340	Milwaukee-Waukesha-West Allis, WI
Monterey (South & East) & San Benito Counties	0605303	California	12,000	19.7	1,400	2.3	3,600	6.0	6,900	11.4	41500	Salinas, CA

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			ALL S		S&E occ	upations	S&E-r	elated ations		iddle-skill ations	MSA	
PUMA name	PUMA ID	State	Number	Percent	Number	Percent	Number	Percent	Number	Percent	code	MSA title
Barren River Area Development District (Central)Warren County	2100500	Kentucky	13,400	19.7	2,900	4.3	3,800	5.5	6,800	9.9	14540	Bowling Green, KY
Orange County (Northwest)Garden Grove City (East)	0605913	California	14,100	19.7	3,000	4.1	4,500	6.3	6,700	9.3	31080	Los Angeles-Long Beach-Anaheim, CA
Orange County (Central)Orlando City (East Downtown) & Azalea Park	1209505	Florida	13,000	19.7	3,400	5.1	4,500	6.8	5,100	7.8	36740	Orlando-Kissimmee-Sanford, FL
Broward County (Southeast)-Hollywood (North) & Dania Beach (South) Cities	1201109	Florida	9,900	19.7	2,100	4.2	4,200	8.3	3,600	7.1	33100	Miami-Fort Lauderdale-West Palm Beach, FL
Clark County (Central)-Spring Valley & Summerlin South	3200408	Nevada	23,500	19.7	5,500	4.6	10,000	8.4	8,000	6.7	29820	Las Vegas-Henderson-Paradise, NV
Prince William County (North & West)-Linton Hall & Gainesville	5151244	Virginia	13,200	19.7	6,400	9.5	2,700	4.0	4,200	6.2	47900	Washington-Arlington-Alexandria, DC-VA-MD-WV
Riverside County (Central)Cathedral City, Palm Springs & Rancho Mirage Cities	0606502	California	10,200	19.7	1,700	3.2	5,400	10.4	3,200	6.1	40140	Riverside-San Bernardino-Ontario, CA
District of Columbia (North)	1100102	District of Columbia	13,000	19.7	7,000	10.5	3,500	5.4	2,500	3.8	47900	Washington-Arlington-Alexandria, DC-VA-MD-WV
Tulare County (West Central)-Tulare & Porterville Cities	0610702	California	12,300	19.6	1,200	1.9	3,300	5.2	7,800	12.5	47300	Visalia-Porterville, CA
Shawnee County (Central)—Topeka City	2000801	Kansas	8,300	19.6	2,200	5.2	2,000	4.7	4,200	9.8	45820	Topeka, KS
Greenbrier, Nicholas, Summers, Monroe & Pocahontas Counties	5401100	West Virginia	6,700	19.6	800	2.4	2,600	7.4	3,400	9.8	na	na
Volusia County (Central & Northwest)DeLand, DeBary Cities & Pierson Town	1212701	Florida	11,000	19.6	2,000	3.5	4,100	7.4	4,900	8.7	19660	Deltona-Daytona Beach-Ormond Beach, FL
Virginia's Region 2000 (South)–Campbell County & Lynchburg City	5151096	Virginia	12,700	19.6	2,800	4.3	4,300	6.6	5,600	8.6	31340	Lynchburg, VA
NYC-Brooklyn Community District 17East Flatbush, Farragut & Rugby	3604010	New York	11,600	19.6	2,100	3.5	4,900	8.2	4,700	7.9	35620	New York-Newark-Jersey City, NY-NJ-PA
Lane County (East Central)Eugene (Northeast) & Springfield Cities	4100704	Oregon	9,900	19.6	1,700	3.3	4,300	8.6	3,900	7.7	21660	Eugene, OR
Whitman, Asotin, Adams, Lincoln, Columbia & Garfield Counties	5310600	Washington	9,600	19.6	2,500	5.1	3,500	7.1	3,600	7.4	30300	Lewiston, ID-WA
Wayne County (Northeast)I-94 Corridor	2603213	Michigan	8,200	19.6	1,700	4.1	4,100	9.8	2,400	5.7	19820	Detroit-Warren-Dearborn, MI
Boston CityMattapan & Roxbury	2503304	Massachusetts	12,300	19.6	3,500	5.5	5,500	8.7	3,400	5.4	14460	Boston-Cambridge-Newton, MA-NH
NYC-Queens Community District 1Astoria & Long Island City	3604101	New York	16,200	19.6	7,300	8.8	5,300	6.4	3,600	4.3	35620	New York-Newark-Jersey City, NY-NJ-PA
Ocean County (North Central)	3401203	New Jersey	10,700	19.6	2,700	5.0	5,700	10.4	s	s	35620	New York-Newark-Jersey City, NY-NJ-PA
St. Johns County (North)	1210900	Florida	22,300	19.6	7,300	6.4	10,300	9.0	4,700	4.1	27260	Jacksonville, FL
Palm Beach County (East)Greenacres City (North) & Palm Springs Village (North)	1209904	Florida	12,700	19.5	1,100	1.7	4,400	6.8	7,200	11.1	33100	Miami-Fort Lauderdale-West Palm Beach, FL
Mobile City (East)	0102701	Alabama	7,400	19.5	700	1.8	2,800	7.4	3,900	10.2	33660	Mobile, AL
Los Angeles CountyLA (North Central/Arleta & Pacoima) & San Fernando Cities	0603707	California	11,900	19.5	2,400	3.9	3,300	5.4	6,200	10.1	31080	Los Angeles-Long Beach-Anaheim, CA
Miami-Dade County (Northeast Central)Miami City (Downtown)	1208613	Florida	12,000	19.5	2,600	4.2	3,300	5.4	6,100	9.9	33100	Miami-Fort Lauderdale-West Palm Beach, FL
Douglas County	4101000	Oregon	7,900	19.5	2,200	5.3	1,800	4.5	3,900	9.6	na	na
Riverside County (Northwest)Riverside City (East)	0606510	California	14,000	19.5	2,700	3.7	4,500	6.3	6,800	9.5	40140	Riverside-San Bernardino-Ontario, CA
Broward County (Southeast)Hollywood (South) & Pembroke Pines (East) Cities	1201113	Florida	12,000	19.5	1,200	2.0	5,400	8.8	5,400	8.7	33100	Miami-Fort Lauderdale-West Palm Beach, FL

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# STEM workers, by occupation group and Public Use Microdata Area: 2021

				STEM ations	S&E occ	upations	S&E-roccup	elated ations		iddle-skill ations	MSA	
PUMA name	PUMA ID	State	Number	Percent	Number	Percent	Number	Percent	Number	Percent	code	MSA title
Houston City (East Central)-East of I-45 & Inside Loop I-610	4804602	Texas	10,100	19.5	2,800	5.3	2,900	5.6	4,500	8.6	26420	Houston-The Woodlands-Sugar Land, TX
Denver City (Southwest)	0800816	Colorado	11,100	19.5	3,700	6.5	2,500	4.5	4,900	8.5	19740	Denver-Aurora-Lakewood, CO
Atlanta Regional Commission (Central)Fulton County (Central)Atlanta City (South)	1301003	Georgia	10,400	19.5	3,400	6.3	3,500	6.5	3,500	6.6	12060	Atlanta-Sandy Springs-Roswell, GA
NYC-Queens Community District 2–Sunnyside & Woodside	3604109	New York	15,600	19.5	5,800	7.3	4,800	6.0	4,900	6.1	35620	New York-Newark-Jersey City, NY-NJ-PA
Fort Worth City (East Central)-South of I-30, East of I-35W & Inside Loop I-820	4802508	Texas	9,800	19.4	1,500	2.9	s	s	7,300	14.5	19100	Dallas-Fort Worth-Arlington, TX
Heart of Texas COG (Outside McLennan County) & Navarro County	4803700	Texas	12,100	19.4	600	1.0	3,300	5.2	8,200	13.2	47380	Waco, TX
Etowah County	0100900	Alabama	8,100	19.4	600	1.4	2,400	5.7	5,200	12.4	23460	Gadsden, AL
San Bernardino County (Southwest)Upland & Montclair Cities	0607112	California	11,600	19.4	1,900	3.2	3,100	5.2	6,500	10.9	40140	Riverside-San Bernardino-Ontario, CA
Cook County (West)-Leyden, Norwood Park (South) Townships & Chicago City-O'Hare	1703422	Illinois	11,800	19.4	2,500	4.1	3,600	5.9	5,700	9.3	16980	Chicago-Naperville-Elgin, IL-IN-WI
Lawrence & Beaver (North) CountiesNew Castle City	4201501	Pennsylvania	9,200	19.4	1,000	2.2	3,700	7.9	4,400	9.3	38300	Pittsburgh, PA
San Bernardino County (Southwest)-Fontana City (West)	0607115	California	12,000	19.4	2,300	3.7	4,100	6.6	5,700	9.2	40140	Riverside-San Bernardino-Ontario, CA
Miami-Dade County (Central)Miami Springs City & Miami International Airport	1208610	Florida	8,900	19.4	1,000	2.2	3,700	8.0	4,200	9.1	33100	Miami-Fort Lauderdale-West Palm Beach,
Johnson County	4802102	Texas	16,500	19.4	3,000	3.6	6,100	7.2	7,300	8.6	19100	Dallas-Fort Worth-Arlington, TX
Los Angeles County (North)LA City (Northeast/North Hollywood & Valley Village)	0603721	California	13,300	19.4	2,800	4.1	4,700	6.9	5,700	8.4	31080	Los Angeles-Long Beach-Anaheim, CA
Plymouth & Norfolk Counties-Brockton City, Stoughton & Avon Towns	2504000	Massachusetts	13,000	19.4	2,500	3.8	5,000	7.4	5,500	8.2	14460	Boston-Cambridge-Newton, MA-NH
Douglas CountyOmaha City (Northeast)	3100903	Nebraska	10,000	19.4	2,100	4.1	3,800	7.4	4,100	7.9	36540	-
Orange County (Southwest)Disney-International Drive Region	1209503	Florida	16,800	19.4	6,000	7.0	7,200	8.3	3,600	4.1	36740	Orlando-Kissimmee-Sanford, FL
NYC-Bronx Community District 8Riverdale, Fieldston & Kingsbridge	3603701	New York	8,200	19.4	1,900	4.5	4,900	11.5	s	s	35620	New York-Newark-Jersey City, NY-NJ-PA
Los Angeles County (East Central)Pomona City	0603712	California	12,300	19.3	1,900	3.0	3,100	4.8	7,300	11.5	31080	Los Angeles-Long Beach-Anaheim, CA
Los Angeles County (South Central)-Long Beach City (North)	0603763	California	12,500	19.3	3,600	5.5	4,100	6.3	4,800	7.5	31080	Los Angeles-Long Beach-Anaheim, CA
Palm Beach County (East)West Palm Beach City (Southeast) & Palm Beach Town	1209903	Florida	14,600	19.3	3,600	4.8	5,400	7.1	5,600	7.4	33100	Miami-Fort Lauderdale-West Palm Beach, FL
Miami-Dade County (North Central)Tamiami Trail Region (South)Tamiami	1208618	Florida	10,600	19.3	2,800	5.1	4,000	7.2	3,900	7.1	33100	Miami-Fort Lauderdale-West Palm Beach, FL
Houston City (Southwest)Between Loop I-610 & Beltway TX-8	4804616	Texas	9,700	19.3	3,000	6.1	3,600	7.2	3,000	6.0	26420	Houston-The Woodlands-Sugar Land, TX
Manatee County (North)	1208101	Florida	13,400	19.3	2,600	3.7	6,700	9.7	4,100	5.9	35840	North Port-Sarasota-Bradenton, FL
Pinellas County (North)	1210301	Florida	11,100	19.3	2,000	3.5	5,800	10.1	3,300	5.7	45300	Tampa-St. Petersburg-Clearwater, FL
Clark County (Northwest Central)Northwest Las Vegas Valley	3200401	Nevada	13,800	19.3	3,100	4.4	6,800	9.5	3,900	5.5	29820	Las Vegas-Henderson-Paradise, NV
Mecklenburg County (North)Huntersville, Cornelius & Davidson Towns	3703106	North Carolina	18,100	19.3	6,600	7.0	7,600	8.1	3,900	4.2	16740	Charlotte-Concord-Gastonia, NC-SC
Columbus (Far Northeast), Gahanna & New Albany Cities	3904101	Ohio	13,800	19.3	5,600	7.9	5,600	7.8	2,600	3.6	18140	Columbus, OH
Phoenix CityMaryvale (West)	0400123	Arizona	10,700	19.2	1,600	2.9	2,500	4.5	6,500	11.8	38060	Phoenix-Mesa-Scottsdale, AZ
Bluegrass Area Development District (Southeast)	2102200	Kentucky	10,200	19.2	1,600	3.1	3,200	5.9	5,400	10.2	na	na

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(Number and percent)

				STEM ations	S&E occi	upations	S&E-re	elated ations	STEM mi	ddle-skill ations	MSA	
PUMA name	PUMA ID	State	Number	Percent	Number	Percent	Number	Percent	Number	Percent	code	MSA title
Fresno County (Central)–Fresno City (Southeast)	0601905	California	9,300	19.2	1,000	2.0	3,500	7.3	4,800	10.0	23420	Fresno, CA
Delaware CountyMuncie City	1802000	Indiana	9,500	19.2	900	1.9	3,700	7.4	4,900	9.9	34620	Muncie, IN
Essex County (South Central)East Orange City	3401402	New Jersey	18,500	19.2	4,800	5.0	6,500	6.7	7,200	7.4	35620	New York-Newark-Jersey City, NY-NJ-PA
Los Angeles County (South Central)Hawthorne City	0603759	California	10,900	19.2	2,200	4.0	4,500	8.0	4,100	7.3	31080	Los Angeles-Long Beach-Anaheim, CA
Collier County (Southwest)	1202102	Florida	8,800	19.2	800	1.8	4,800	10.4	3,200	7.0	34940	Naples-Immokalee-Marco Island, FL
Coordinating & Development Corporation 2-Shreveport City (South)	2200101	Louisiana	9,500	19.2	900	1.9	5,500	11.1	3,100	6.3	43340	Shreveport-Bossier City, LA
Lake County (Northeast)Waukegan, Zion, Benton & Newport Townships	1703307	Illinois	12,100	19.1	1,200	2.0	3,700	5.8	7,200	11.3	16980	Chicago-Naperville-Elgin, IL-IN-WI
Hidalgo County (North Central)-Edinburg City	4806804	Texas	9,900	19.1	800	1.6	3,400	6.6	5,700	11.0	32580	McAllen-Edinburg-Mission, TX
Dallas County (West)-Grand Prairie (Central) & Dallas (Southwest) Cities	4802319	Texas	9,500	19.1	1,400	2.8	3,100	6.2	5,100	10.1	19100	Dallas-Fort Worth-Arlington, TX
Los Angeles County-Baldwin Park, Azusa, Duarte & Irwindale Cities	0603710	California	15,500	19.1	3,400	4.1	5,800	7.2	6,300	7.8	31080	Los Angeles-Long Beach-Anaheim, CA
Ingham County (Northwest)	2601802	Michigan	9,800	19.1	3,500	6.8	2,900	5.7	3,500	6.7	29620	Lansing-East Lansing, MI
Kansas City (North Central), Gladstone City & North Kansas City	2900902	Missouri	11,600	19.1	3,200	5.3	4,300	7.2	4,000	6.6	28140	Kansas City, MO-KS
Orange County (Southeast)	1209509	Florida	16,200	19.1	4,500	5.3	6,800	8.0	4,900	5.8	36740	Orlando-Kissimmee-Sanford, FL
East Texas COG (Central)Smith County (West)Tyler City	4801502	Texas	10,600	19.1	1,800	3.2	5,600	10.2	3,200	5.7	46340	Tyler, TX
Mercer County (South)	3402303	New Jersey	10,400	19.1	3,700	6.8	3,800	7.0	2,800	5.2	45940	Trenton, NJ
NYC-Manhattan Community District 11–East Harlem	3603804	New York	9,400	19.1	3,300	6.8	4,000	8.1	2,000	4.1	35620	New York-Newark-Jersey City, NY-NJ-PA
San Diego County (South)-San Diego City (South/Otay Mesa & South Bay)	0607322	California	10,400	19.0	2,200	4.0	S	s	6,600	12.0	41740	San Diego-Carlsbad, CA
East Texas COG (Southwest)Henderson & Anderson Counties	4801800	Texas	9,500	19.0	900	1.9	4,100	8.2	4,500	8.9	na	na
Cleveland City (West)	3900905	Ohio	9,300	19.0	2,800	5.7	2,700	5.5	3,800	7.8	17460	Cleveland-Elyria, OH
Sullivan & Ulster (West) Counties	3602701	New York	9,500	19.0	1,600	3.1	4,100	8.1	3,900	7.8	28740	Kingston, NY
NYC-Queens Community District 9Richmond Hill & Woodhaven	3604111	New York	12,400	19.0	2,600	4.0	5,300	8.2	4,500	6.9	35620	New York-Newark-Jersey City, NY-NJ-PA
Maricopa CountyPeoria City (South & Central)	0400127	Arizona	11,000	19.0	2,900	5.1	4,100	7.1	4,000	6.8	38060	Phoenix-Mesa-Scottsdale, AZ
Los Angeles County (West Central)-LA City (Central/Hancock Park & Mid-Wilshire)	0603730	California	16,000	19.0	5,200	6.2	5,300	6.3	5,500	6.6	31080	Los Angeles-Long Beach-Anaheim, CA
Orangeburg, Colleton, Barnwell, Hampton, Bamberg & Allendale Counties	4501300	South Carolina	12,200	18.9	1,300	1.9	3,200	4.9	7,800	12.1	na	na
Southwest Heartland-Highlands (Northwest), DeSoto & Hardee Counties	1202700	Florida	9,300	18.9	1,500	3.0	2,700	5.5	5,100	10.3	42700	Sebring, FL
Klamath, Malheur, Lake & Harney Counties	4100300	Oregon	7,700	18.9	900	2.2	2,700	6.6	4,200	10.2	na	na
Washington County-St. George City	4953001	Utah	14,300	18.9	3,400	4.5	4,100	5.4	6,900	9.0	41100	St. George, UT
Fresno County (East)Sanger, Reedley & Parlier Cities	0601907	California	9,200	18.9	800	1.7	4,000	8.3	4,400	9.0	23420	Fresno, CA
Nashville-Davidson (North)	4702502	Tennessee	10,300	18.9	2,400	4.4	3,200	5.9	4,700	8.7	34980	Nashville-DavidsonMurfreesboro Franklin, TN
Ocean County (Northeast)Point Pleasant Borough	3401205	New Jersey	10,200	18.9	1,600	3.0	4,000	7.4	4,600	8.5	35620	New York-Newark-Jersey City, NY-NJ-PA
Baltimore CityFrankford, Belair-Edison & Loch Raven		Maryland	9,400	18.9	2,900	5.7	2,900	5.8	3,700	7.3		Baltimore-Columbia-Towson, MD
Los Angeles County (Central)Monterey Park & Rosemead Cities		California	9,700	18.9	3,500	6.7	2,600	5.1	3,700	7.1	31080	Los Angeles-Long Beach-Anaheim, CA

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			ALL S		S&E occ	upations	S&E-roccup			ddle-skill ations	MSA	
PUMA name	PUMA ID	State	Number	Percent	Number	Percent	Number	Percent	Number	Percent	code	MSA title
District of Columbia (West)	1100101	District of Columbia	10,100	18.9	5,000	9.4	4,200	7.8	s	s	47900	Washington-Arlington-Alexandria, DC-VA-MD-WV
Houston (Southwest) & Bellaire (Southeast) Cities-Between Loop I-610 & Beltway TX-8	4804615	Texas	10,100	18.8	1,700	3.2	2,100	4.0	6,300	11.7	26420	Houston-The Woodlands-Sugar Land, TX
Twin Falls & Cassia CountiesTwin Falls City	1600900	Idaho	9,600	18.8	1,000	1.9	3,100	6.0	5,600	10.9	na	na
El Paso City (Southeast)	4803303	Texas	10,100	18.8	s	s	3,600	6.7	5,800	10.8	21340	El Paso, TX
Stanislaus County (Central)-Modesto City (West)	0609902	California	9,900	18.8	1,800	3.5	2,600	5.0	5,400	10.3	33700	Modesto, CA
Merced County (Northeast)-Merced & Atwater Cities	0604702	California	11,600	18.8	1,600	2.6	3,900	6.3	6,200	10.0	32900	Merced, CA
Houston-Galveston Area Council-Brazoria County (Central)Alvin City	4804802	Texas	11,700	18.8	2,500	4.0	3,300	5.3	5,900	9.5	26420	Houston-The Woodlands-Sugar Land, TX
Hillsborough County (Central)Tampa City (Central)	1205701	Florida	13,300	18.8	2,800	4.0	4,600	6.6	5,800	8.3	45300	Tampa-St. Petersburg-Clearwater, FL
Polk County (Central)	1210503	Florida	14,400	18.8	2,800	3.7	5,200	6.8	6,400	8.3	29460	Lakeland-Winter Haven, FL
Stark County (Central)Canton & North Canton Cities	3903200	Ohio	11,200	18.8	2,100	3.5	5,300	8.9	3,800	6.3	15940	Canton-Massillon, OH
Philadelphia City (Central)	4203207	Pennsylvania	9,300	18.8	1,800	3.7	6,000	12.2	s	s	37980	Philadelphia-Camden-Wilmington, PA-NJ- DE-MD
NYC-Manhattan Community District 7Upper West Side & West Side	3603806	New York	17,400	18.8	8,300	9.0	8,300	9.0	s	s	35620	New York-Newark-Jersey City, NY-NJ-PA
Coordinating & Development Corporation 4Northwest Louisiana	2200300	Louisiana	11,200	18.7	1,400	2.3	4,200	7.0	5,600	9.4	43340	Shreveport-Bossier City, LA
Central Texas COG-Bell County (West)Killeen & Harker Heights Cities	4803501	Texas	12,400	18.7	1,800	2.7	4,600	6.9	6,000	9.1	28660	Killeen-Temple, TX
King County (Southwest Central)–Kent City	5311613	Washington	12,300	18.7	4,400	6.6	3,100	4.8	4,900	7.4	42660	Seattle-Tacoma-Bellevue, WA
Clark County (Central)Whitney, Sunrise Manor (South) & Paradise (Northeast)	3200410	Nevada	12,300	18.6	1,300	2.0	3,700	5.6	7,200	11.0	29820	Las Vegas-Henderson-Paradise, NV
Cumberland County (Central)Fayetteville City (Central & East)	3705001	North Carolina	7,900	18.6	1,800	4.3	3,000	7.1	3,000	7.2	22180	Fayetteville, NC
NYC-Queens Community District 14Far Rockaway, Breezy Point & Broad Channel	3604114	New York	8,700	18.6	1,600	3.5	3,700	7.8	3,400	7.2	35620	New York-Newark-Jersey City, NY-NJ-PA
Palm Beach County (Southeast)Boca Raton City & Highland Beach Town	1209908	Florida	10,000	18.6	3,100	5.7	4,700	8.7	2,300	4.2	33100	Miami-Fort Lauderdale-West Palm Beach, FL
Fresno County (Central)Fresno City (East Central)	0601903	California	8,300	18.5	1,100	2.5	2,900	6.5	4,300	9.5	23420	Fresno, CA
Osceola County (West)	1209701	Florida	19,300	18.5	4,200	4.0	5,700	5.4	9,400	9.0	36740	Orlando-Kissimmee-Sanford, FL
Prince George's County (Southwest)Oxon Hill, Hillcrest Heights & Temple Hills	2401107	Maryland	11,000	18.5	3,800	6.4	s	s	5,200	8.7	47900	Washington-Arlington-Alexandria, DC-VA-MD-WV
Orange County (Southeast)	3602903	New York	10,700	18.5	3,100	5.3	3,300	5.7	4,300	7.5	35620	New York-Newark-Jersey City, NY-NJ-PA
El Paso City (North)	4803305	Texas	9,300	18.5	1,400	2.8	4,300	8.5	3,700	7.2	21340	El Paso, TX
Marion County (West Central)Salem City (South) & Four Corners	4101104	Oregon	9,200	18.5	2,400	4.9	3,900	7.9	2,900	5.8	41420	Salem, OR
Baltimore CityIrvington, Ten Hills & Cherry Hill	2400805	Maryland	9,400	18.5	3,700	7.2	3,200	6.3	2,500	5.0	12580	Baltimore-Columbia-Towson, MD
Multnomah County (East)Gresham & Troutdale Cities	4101316	Oregon	14,900	18.4	2,100	2.7	4,400	5.4	8,400	10.4	38900	Portland-Vancouver-Hillsboro, OR-WA
Putnam & St. Johns (South) Counties	1210700	Florida	7,100	18.4	1,200	3.0	2,000	5.2	3,900	10.2	27260	Jacksonville, FL
Hamblen, Cocke & Grainger Counties	4701400	Tennessee	8,700	18.4	s	s	3,300	7.0	4,800	10.1	28940	Knoxville, TN
Cameron County (West)-Harlingen & San Benito Cities	4806702	Texas	10,300	18.4	1,100	2.0	4,600	8.2	4,600	8.3	15180	Brownsville-Harlingen, TX

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PUMA name	PUMA ID	State	Number	Percent	Number	Percent	Number	Percent	Number	Percent	code	MSA title
Cook County (West Central)Proviso, Riverside & River Forest Townships	1703407	Illinois	15,000	18.4	3,700	4.5	6,300	7.8	5,000	6.1	16980	Chicago-Naperville-Elgin, IL-IN-WI
San Antonio City (Central)	4805901	Texas	6,600	18.3	800	2.3	s	s	4,500	12.5	41700	San Antonio-New Braunfels, TX
Houston City (Southeast)West of Pasadena City & Outside Loop I-610	4804618	Texas	6,800	18.3	1,100	3.0	s	s	4,200	11.3	26420	Houston-The Woodlands-Sugar Land, TX
Boone High CountryWatauga, Ashe, Yancey, Avery & Mitchell Counties	3700100	North Carolina	9,800	18.3	1,500	2.9	3,200	6.0	5,000	9.4	na	na
Yuma CountyYuma City	0400700	Arizona	13,600	18.3	1,600	2.2	5,300	7.1	6,700	9.0	49740	Yuma, AZ
Dallas (Northeast) & Mesquite (North) CitiesNorth of I-30 & West of I-635	4802306	Texas	11,000	18.3	1,300	2.1	4,300	7.2	5,400	9.0	19100	Dallas-Fort Worth-Arlington, TX
East Texas COG (Central)Gregg CountyLongview City	4801600	Texas	10,000	18.3	1,100	2.1	4,500	8.2	4,400	8.0	30980	Longview, TX
Broward County-Pompano Beach (South) & Fort Lauderdale (Northeast) Cities	1201104	Florida	10,800	18.3	2,800	4.7	3,400	5.8	4,600	7.8	33100	Miami-Fort Lauderdale-West Palm Beach, FL
Central RegionJackson City (East & Central)	2801100	Mississippi	8,600	18.3	500	1.0	4,900	10.5	3,200	6.8	27140	Jackson, MS
Greensboro City (South)	3701702	North Carolina	10,400	18.3	2,900	5.1	3,700	6.5	3,800	6.7	24660	Greensboro-High Point, NC
Dallas (Far North), Carrollton (Southeast) Cities & Addison Town-North of I-635	4802310	Texas	11,600	18.3	5,400	8.6	3,100	4.9	3,000	4.8	19100	Dallas-Fort Worth-Arlington, TX
Dallas (Far North) & Richardson (Southwest) Cities	4802309	Texas	10,500	18.3	4,400	7.6	3,500	6.0	2,700	4.7	19100	Dallas-Fort Worth-Arlington, TX
Marin County (Southeast)San Rafael (South), Mill Valley & Sausalito Cities	0604102	California	13,500	18.3	4,200	5.7	6,800	9.3	2,500	3.3	41860	San Francisco-Oakland-Hayward, CA
Marion County-Wayne & Decatur (Northwest) Townships-Indianapolis City (West)	1802304	Indiana	12,200	18.2	1,600	2.3	3,500	5.2	7,100	10.7	26900	Indianapolis-Carmel-Anderson, IN
Alameda County (North Central)Oakland City (South Central)	0600104	California	11,100	18.2	1,800	3.0	3,900	6.4	5,400	8.9	41860	San Francisco-Oakland-Hayward, CA
Ohio, Marshall, Hancock & Brooke Counties	5400100	West Virginia	9,600	18.2	1,400	2.6	4,400	8.3	3,900	7.3	48260	Weirton-Steubenville, WV-OH
Lee County-Auburn City	0101900	Alabama	14,900	18.2	2,500	3.0	7,000	8.5	5,500	6.7	12220	Auburn-Opelika, AL
Suffolk County (Southwest)-Islip Town (South)	3603311	New York	10,000	18.2	1,400	2.6	5,700	10.4	2,900	5.2	35620	New York-Newark-Jersey City, NY-NJ-PA
Seminole County (West)	1211701	Florida	11,700	18.2	3,400	5.2	6,200	9.7	2,100	3.3	36740	Orlando-Kissimmee-Sanford, FL
San Antonio City (Southeast)Inside Loop I-410	4805903	Texas	9,200	18.1	1,500	2.9	s	s	6,100	11.9	41700	San Antonio-New Braunfels, TX
Memphis City (Southwest)	4703208	Tennessee	6,400	18.1	700	1.9	2,000	5.5	3,800	10.7	32820	Memphis, TN-MS-AR
Las Vegas City (South Central)	3200406	Nevada	10,700	18.1	1,800	3.0	2,900	4.9	6,000	10.1	29820	Las Vegas-Henderson-Paradise, NV
Northwest New MexicoNavajo Nation	3500100	New Mexico	7,000	18.1	S	1.9	2,300	6.0	3,900	10.1	22140	Farmington, NM
Ventura County (Southwest)Oxnard & Port Hueneme Cities	0611103	California	16,500	18.1	3,500	3.8	4,400	4.8	8,600	9.5	37100	Oxnard-Thousand Oaks-Ventura, CA
Atlanta Regional Commission (Southeast)Henry County (South)McDonough City	1306001	Georgia	10,700	18.1	3,100	5.3	s	s	5,500	9.3	12060	Atlanta-Sandy Springs-Roswell, GA
Maui, Kalawao & Kauai Counties	1500100	Hawaii	19,700	18.1	2,000	1.8	8,200	7.5	9,500	8.7	27980	Kahului-Wailuku-Lahaina, HI
Tulare County (Northwest)Visalia City	0610701	California	10,800	18.1	800	1.3	5,100	8.5	4,900	8.2	47300	Visalia-Porterville, CA
Columbus City (Northeast)	3904106	Ohio	12,900	18.1	3,200	4.4	4,400	6.1	5,400	7.6	18140	Columbus, OH
Capital Area COG (Southwest)-Hays County	4805400	Texas	22,500	18.1	7,800	6.3	5,600	4.5	9,100	7.3	12420	Austin-Round Rock, TX
Atlanta Regional Commission (Central)DeKalb County (East Central)Redan	1302001	Georgia	12,900	18.1	2,100	2.9	5,900	8.3	4,900	6.9	12060	Atlanta-Sandy Springs-Roswell, GA
Manatee County (South)	1208103	Florida	10,000	18.1	1,900	3.5	5,000	9.1	3,000	5.5	35840	North Port-Sarasota-Bradenton, FL
Duval County (North Central)Jacksonville City (Arlington)	1203103	Florida	9,900	18.1	2,500	4.6	4,600	8.3	2,800	5.1	27260	Jacksonville, FL

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# STEM workers, by occupation group and Public Use Microdata Area: 2021

				STEM pations	S&E occ	upations		elated ations	STEM mi	ddle-skill ations	MSA	
PUMA name	PUMA ID	State	Number	Percent	Number	Percent	Number	Percent	Number	Percent	code	MSA title
Los Angeles County (Central)LA City (Central/Pacific Palisades)	0603727	California	14,700	18.1	3,800	4.7	7,200	8.9	3,600	4.5	31080	Los Angeles-Long Beach-Anaheim, CA
Memphis (North) & Bartlett (Southwest) Cities	4703203	Tennessee	8,200	18.0	1,100	2.5	2,500	5.4	4,600	10.1	32820	Memphis, TN-MS-AR
Riverside CountyPalm Desert, La Quinta (West) & Desert Hot Springs Cities	0606515	California	10,500	18.0	1,600	2.7	3,300	5.7	5,600	9.5	40140	Riverside-San Bernardino-Ontario, CA
St. Louis County (Northwest)	2901802	Missouri	9,900	18.0	2,100	3.8	2,700	4.9	5,100	9.2	41180	St. Louis, MO-IL
Humboldt County	0602300	California	10,500	18.0	1,700	3.0	3,600	6.1	5,200	8.9	na	na
Cameron County (South)Brownsville City (Central)	4806703	Texas	10,400	18.0	1,600	2.7	4,100	7.1	4,700	8.1	15180	Brownsville-Harlingen, TX
Grant & Kittitas Counties	5310800	Washington	11,700	18.0	2,100	3.3	4,500	6.9	5,100	7.8	na	na
Solano County (Southwest)Vallejo & Benicia Cities	0609501	California	12,600	18.0	2,600	3.7	5,100	7.2	5,000	7.0	46700	Vallejo-Fairfield, CA
St. Louis County (Inner Ring North)	2901803	Missouri	8,500	18.0	2,200	4.7	3,500	7.3	2,800	6.0	41180	St. Louis, MO-IL
Pinellas County (Central)-Clearwater City (South & Central)	1210303	Florida	9,300	18.0	2,900	5.7	3,900	7.5	2,500	4.8	45300	Tampa-St. Petersburg-Clearwater, FL
Hudson County (Northeast)Union City & Hoboken Cities	3400702	New Jersey	14,600	18.0	6,800	8.3	4,400	5.4	3,400	4.2	35620	New York-Newark-Jersey City, NY-NJ-PA
												Miami-Fort Lauderdale-West Palm Beach,
Broward County (Central)Lauderhill & Lauderdale Lakes Cities	1201107		8,300	17.9		2.3	3,300	7.1	3,900	8.5	33100	
Contra Costa County (North Central)Pittsburg & Concord (North & East) Cities	0601307		12,300	17.9	,	5.8	3,600	5.2	4,700	6.9	41860	San Francisco-Oakland-Hayward, CA
Honolulu County-Nuuanu to Kalihi	1500305	Hawaii	8,800	17.9	1,900	3.8	3,900	8.0	3,000	6.1	46520	Urban Honolulu, HI
Westchester County (Southeast)	3603104	New York	11,200	17.9	3,000	4.8	5,900	9.4	2,400	3.8	35620	New York-Newark-Jersey City, NY-NJ-PA
Miami-Dade County (Northeast)-Hialeah City (South Central)	1208609	Florida	8,100	17.8	s	s	3,200	7.1	4,600	10.2	33100	Miami-Fort Lauderdale-West Palm Beach,
Whathi Dade County (Northeast) Thalean City (South Central)	1200009	Tiorida	0,100	17.0	3	3	3,200	7.1	4,000	10.2	33100	Miami-Fort Lauderdale-West Palm Beach.
Miami-Dade County (Northeast)-Opa-Locka City, West Little River & Westview	1208606	Florida	7,700	17.8	s	s	3,100	7.3	4,300	10.0	33100	
Onslow County (South)Jacksonville City	3704500	North Carolina	8,200	17.8	1,800	3.8	s	s	4,500	9.6	27340	Jacksonville, NC
Regional Planning Commission 5Jefferson Parish (West Bank)	2202302	Louisiana	8,900	17.8	1,300	2.6	2,900	5.8	4,700	9.4	35380	New Orleans-Metairie, LA
Charlotte City (Northwest)	3703102	North Carolina	10,100	17.8	2,300	4.0	3,400	5.9	4,500	7.8	16740	Charlotte-Concord-Gastonia, NC-SC
Columbia & Greene Counties	3602100	New York	8,800	17.8	1,300	2.6	3,600	7.4	3,900	7.8	na	na
Los Angeles County (Southeast)Long Beach (Central) & Signal Hill Cities	0603769	California	9,000	17.8	1,900	3.7	4,400	8.8	2,700	5.2	31080	Los Angeles-Long Beach-Anaheim, CA
Honolulu County-Tantalus to Waikiki	1500304	Hawaii	11,400	17.8	4,300	6.7	4,000	6.3	3,100	4.9	46520	Urban Honolulu, HI
NYC-Brooklyn Community District 2Brooklyn Heights & Fort Greene	3604004	New York	14,800	17.8	7,000	8.4	6,600	7.9	s	s	35620	New York-Newark-Jersey City, NY-NJ-PA
Santa Barbara County (North)Lompoc, Guadalupe, Solvang & Buellton Cities	0608302	California	7,800	17.7	400	1.0	2,400	5.5	5,000	11.2	42200	Santa Maria-Santa Barbara, CA
Union County (Northeast)Elizabeth City	3401800	New Jersey	10,700	17.7	1,000	1.7	3,500	5.7	6,300	10.3	35620	New York-Newark-Jersey City, NY-NJ-PA
M: : D   0   (0     ) 0	1000633	<b>-</b> 1 · 1	10.000	477	1.000	0.0	0.666	F.0	6.000	0.0	00100	Miami-Fort Lauderdale-West Palm Beach,
Miami-Dade County (Southwest) South Miami Heights	1208622		10,800	17.7	1,200	2.0	3,600	5.9	6,000	9.9	33100	
Dallas County (Southwest)Cedar Hill & Duncanville Cities	4802318		9,000	17.7	1,100	2.1	3,600	7.1	4,300	8.4	19100	
Providence City	4400103		15,800	17.7	4,200	4.6	6,100	6.8	5,600	6.2		Providence-Warwick, RI-MA
Capital Region Planning Commission 3Baton Rouge City	2201501	Louisiana	13,300	17.7	3,500	4.7	5,300	7.1	4,500	5.9	12940	Baton Rouge, LA

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			ALL S		S&E occi	upations	S&E-re		STEM mi occup		MSA	
PUMA name	PUMA ID	State	Number	Percent	Number	Percent	Number	Percent	Number	Percent	code	MSA title
												Miami-Fort Lauderdale-West Palm Beach,
Miami-Dade County (Northeast)Miami Beach City & Miami Shores Village	1208612		8,900	17.7	2,600	5.1	4,300	8.6	2,100	4.1	33100	
Northwest Georgia Regional Commission (North Central)Whitfield County	1302700		7,800	17.6	S	S	S	S	5,800	13.1		Dalton, GA
Los Angeles County (East Central)-La Puente & Industry Cities		California	8,500	17.6	500	1.0	1,900	3.9	6,200	12.7		Los Angeles-Long Beach-Anaheim, CA
Allentown City	4202803	Pennsylvania	8,600	17.6	1,000	2.0	S	4.9	5,200	10.6	10900	Allentown-Bethlehem-Easton, PA-NJ
Sacramento County (North Central)-North Highlands, Foothill Farms & McClellan Park	0606704	California	10,900	17.6	2,400	3.9	2,500	4.1	5,900	9.6	40900	SacramentoRosevilleArden-Arcade, CA
Passaic County (Southeast)Paterson City	3400400	New Jersey	10,900	17.6	1,700	2.8	3,500	5.7	5,700	9.1	35620	New York-Newark-Jersey City, NY-NJ-PA
Halifax, Hertford, Northampton & Warren (East) Counties	3700600	North Carolina	6,200	17.6	600	1.7	2,500	7.2	3,100	8.7	na	na
Butte County (Northwest)Chico City	0600701	California	10,100	17.6	2,400	4.3	4,200	7.3	3,500	6.1	17020	Chico, CA
Los Angeles County (Central)Pico Rivera & Montebello Cities	0603740	California	9,400	17.5	1,200	2.2	3,100	5.7	5,200	9.6	31080	Los Angeles-Long Beach-Anaheim, CA
Will County (West Central)Joliet & Troy Townships	1703102	Illinois	10,600	17.5	2,100	3.5	2,700	4.4	5,800	9.5	16980	Chicago-Naperville-Elgin, IL-IN-WI
Milwaukee City (North)	5541001	Wisconsin	7,500	17.5	s	2.6	2,600	6.0	3,800	8.9	33340	Milwaukee-Waukesha-West Allis, WI
Dallas City (South Central)North of I-20 & West of I-35E	4802316	Texas	7,300	17.5	1,200	2.8	2,500	6.1	3,600	8.6	19100	Dallas-Fort Worth-Arlington, TX
NYC-Brooklyn Community District 11Bensonhurst & Bath Beach	3604017	New York	14,600	17.5	3,500	4.2	4,600	5.5	6,500	7.8	35620	New York-Newark-Jersey City, NY-NJ-PA
Stamford & Greenwich Towns	0900102	Connecticut	18,200	17.5	6,800	6.5	6,300	6.0	5,100	4.9	14860	Bridgeport-Stamford-Norwalk, CT
Middle Rio Grande Development Council	4806200	Texas	10,500	17.4	s	s	3,800	6.4	6,000	10.0	na	na
Horry County (Southeast)Myrtle Beach, North Myrtle Beach Cities & Socastee												Myrtle Beach-Conway-North Myrtle
(East)		South Carolina	14,700	17.4	3,000	3.6	4,300	5.1	7,400	8.7		Beach, SC-NC
Belmont & Jefferson Counties	3903500	Ohio	9,500	17.4	800	1.5	4,300	7.9	4,400	8.0	48260	Weirton-Steubenville, WV-OH
Milwaukee City (Central)	5541003	Wisconsin	6,400	17.4	1,500	4.1	2,100	5.6	2,800	7.7	33340	Milwaukee-Waukesha-West Allis, WI
Kentucky River Area Development District	2101000	Kentucky	5,000	17.4	300	1.0	2,500	8.7	2,200	7.7	na	
King County (Far Southwest)-Federal Way, Des Moines Cities & Vashon Island	5311612	Washington	10,500	17.4	3,100	5.0	4,000	6.6	3,500	5.7	42660	Seattle-Tacoma-Bellevue, WA
Phoenix City (Uptown)	0400116	Arizona	10,000	17.4	3,000	5.2	4,100	7.2	2,900	5.0	38060	Phoenix-Mesa-Scottsdale, AZ
Tulare County (Outside Visalia, Tulare & Porterville Cities)	0610703	California	9,900	17.3	800	1.4	S	s	7,200	12.6	47300	Visalia-Porterville, CA
Houston City (North)West of Aldine & Inside Beltway TX-8	4804610	Texas	7,600	17.3	1,200	2.7	S	3.8	4,800	10.9	26420	Houston-The Woodlands-Sugar Land, TX
Harris County (North)Houston City (North)I-45, Between Beltway TX-8 &												
FM-1960	4804626		9,900	17.3	1,100	2.0	3,300	5.8	5,500	9.5	26420	Houston-The Woodlands-Sugar Land, TX
Houston City (North)-South of Aldine & Inside Beltway TX-8	4804609		10,300	17.3	2,200	3.6	3,300	5.5	4,800	8.1	26420	
Los Angeles County (South Central)–Gardena, Lawndale Cities & West Athens	0603758	California	13,500	17.3	2,900	3.8	4,500	5.7	6,100	7.8	31080	Los Angeles-Long Beach-Anaheim, CA
NYC-Brooklyn Community District 8–Crown Heights North & Prospect Heights	3604006	New York	12,700	17.3	5,400	7.4	3,600	4.9	3,700	5.0	35620	, ,.
Miami-Dade County (East)Miami City (East) & Key Biscayne Village	1208614	Florida	10,600	17.3	3,800	6.3	3,800	6.2	3,000	4.9	33100	Miami-Fort Lauderdale-West Palm Beach, FL
NYC-Manhattan Community District 10Central Harlem		New York	9,500	17.3	3,100	5.7	5,200	9.4	s	s	35620	New York-Newark-Jersey City, NY-NJ-PA
NYC-Queens Community District 4Elmhurst & South Corona		New York	10,800	17.2	900	1.5	2,900	4.6	6,900	11.1		New York-Newark-Jersey City, NY-NJ-PA

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			ALL S		S&E occi	upations	S&E-re		STEM mi		MSA	
PUMA name	PUMA ID	State	Number	Percent	Number	Percent	Number	Percent	Number	Percent	code	MSA title
North Delta RegionPanola, Tate, Coahoma, Tallahatchie, Tunica & Quitman Counties	2800300	Mississippi	6,900	17.2	100	s	2,500	6.3	4,300	10.7	32820	Memphis, TN-MS-AR
Los Angeles County (Central)-LA City (East Central/Hollywood)	0603732	California	15,200	17.2	4,800	5.4	3,800	4.3	6,600	7.5	31080	Los Angeles-Long Beach-Anaheim, CA
Los Angeles County (South)-South Gate & Lynwood Cities	0603752	California	12,600	17.1	500	0.7	3,000	4.1	9,000	12.3	31080	Los Angeles-Long Beach-Anaheim, CA
San Joaquin County (Central)-Stockton City (South)	0607702	California	11,100	17.1	1,500	2.3	s	s	7,800	12.0	44700	Stockton-Lodi, CA
Woodbury & Plymouth Counties-Sioux City	1902000	Iowa	10,700	17.1	600	1.0	4,300	6.8	5,800	9.3	43580	Sioux City, IA-NE-SD
NYC-Brooklyn Community District 4Bushwick	3604002	New York	10,900	17.1	2,500	3.9	3,500	5.6	4,900	7.6	35620	New York-Newark-Jersey City, NY-NJ-PA
NYC-Bronx Community District 11Pelham Parkway, Morris Park & Laconia	3603704	New York	9,100	17.1	2,100	4.0	3,300	6.1	3,700	7.0	35620	New York-Newark-Jersey City, NY-NJ-PA
Los Angeles CountyLA City (East Central/Silver Lake, Echo Park & Westlake)	0603734	California	17,100	17.1	4,400	4.4	6,000	5.9	6,800	6.7	31080	Los Angeles-Long Beach-Anaheim, CA
Orange County (Central)Orlando City (West Downtown) & Pine Hills (Southeast)	1209506	Florida	8,400	17.1	2,300	4.6	2,900	6.0	3,200	6.4	36740	Orlando-Kissimmee-Sanford, FL
Clark County (Central)Greater North Las Vegas City	3200403	Nevada	16,800	17.0	2,300	2.3	5,200	5.3	9,300	9.5	29820	Las Vegas-Henderson-Paradise, NV
Chicago City (West)North & South Lawndale, Humboldt Park, East & West Garfield Park	1703523	Illinois	11,600	17.0	2,100	3.0	3,500	5.2	6,000	8.8	16980	Chicago-Naperville-Elgin, IL-IN-WI
Memphis City (Southeast)	4703207	Tennessee	8,600	17.0	1,300	2.6	3,300	6.4	4,000	7.9	32820	Memphis, TN-MS-AR
NYC-Queens Community District 12Jamaica, Hollis & St. Albans	3604112	New York	18,400	17.0	2,300	2.1	8,100	7.5	8,000	7.4	35620	New York-Newark-Jersey City, NY-NJ-PA
Camden County (North)Camden & Gloucester Cities	3402101	New Jersey	8,300	17.0	1,700	3.4	3,300	6.8	3,300	6.7	37980	Philadelphia-Camden-Wilmington, PA-NJ- DE-MD
Chicago City (South)–South Shore, Hyde Park, Woodlawn, Grand Boulevard & Douglas	1703529	Illinois	13,800	17.0	4,900	6.1	5,900	7.3	2,900	3.6	16980	Chicago-Naperville-Elgin, IL-IN-WI
Kane County (Northeast)Elgin (North & Central) & Dundee Townships	1703008	Illinois	11,100	16.9	2,100	3.1	3,200	4.9	5,800	8.9	16980	Chicago-Naperville-Elgin, IL-IN-WI
Southwest & South Central Utah (Outside Washington County)Cedar City	4921001	Utah	11,400	16.9	2,800	4.2	3,200	4.7	5,400	8.0	39340	Provo-Orem, UT
Bridgeport Town	0900104	Connecticut	12,600	16.9	1,900	2.5	5,300	7.0	5,500	7.3	14860	Bridgeport-Stamford-Norwalk, CT
Leon County (Central)Tallahassee City (Central)	1207301	Florida	12,700	16.9	4,600	6.1	4,800	6.4	3,300	4.3	45220	Tallahassee, FL
NYC-Manhattan Community District 4 & 5Chelsea, Clinton & Midtown Business District	3603807	New York	15,300	16.9	6,400	7.1	6,500	7.1	s	s	35620	New York-Newark-Jersey City, NY-NJ-PA
Birmingham City (West)	0101301	Alabama	5,900	16.8	1,100	3.2	s	s	3,700	10.7	13820	Birmingham-Hoover, AL
Maricopa County-Glendale City (South)	0400124	Arizona	9,000	16.8	1,100	2.1	2,300	4.4	5,500	10.3	38060	Phoenix-Mesa-Scottsdale, AZ
NYC-Bronx Community District 4Concourse, Highbridge & Mount Eden	3603708	New York	9,400	16.8	s	s	4,800	8.6	4,300	7.8	35620	New York-Newark-Jersey City, NY-NJ-PA
Contra Costa County (Far Southwest)–Richmond (Southwest) & San Pablo Cities	0601301	California	10,300	16.8	2,800	4.5	3,100	5.1	4,400	7.1	41860	San Francisco-Oakland-Hayward, CA
Harris County (Northwest)-South of US-290 & West of TX-6	4804633	Texas	9,700	16.8	2,400	4.2	4,000	6.9	3,400	5.8	26420	Houston-The Woodlands-Sugar Land, TX
Hidalgo County (Southeast)-Weslaco & Mercedes Cities	4806801	Texas	5,900	16.7	400	1.2	2,100	5.8	3,500	9.8	32580	McAllen-Edinburg-Mission, TX
Chicago City (South)-Ashburn, Washington Heights, Morgan Park & Beverly	1703530	Illinois	9,600	16.7	1,300	2.3	3,900	6.7	4,400	7.7	16980	Chicago-Naperville-Elgin, IL-IN-WI
Columbus (East), Whitehall & Bexley Cities	3904107	Ohio	8,200	16.7	2,600	5.2	2,200	4.6	3,400	7.0	18140	Columbus, OH

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			ALL S	STEM ations	S&E occ	upations	S&E-r	elated ations		iddle-skill ations	MSA	
PUMA name	PUMA ID	State	Number	Percent	Number	Percent	Number	Percent	Number	Percent	code	MSA title
												Philadelphia-Camden-Wilmington, PA-NJ-
Philadelphia City (East)		Pennsylvania	11,400	16.7	2,800	4.1	4,700	6.9	3,900	5.8	37980	DE-MD
Eastern Plains New Mexico	3500400	New Mexico	6,100	16.6	800	2.1	S	S	3,900	10.6	na	na
San Bernardino County (West Central)Victorville & Adelanto Cities	0607102	California	11,900	16.6	1,900	2.7	3,200	4.5	6,800	9.5	40140	Riverside-San Bernardino-Ontario, CA
Los Angeles County (Central)-LA City (East Central/Central City & Boyle Heights)	0603744	California	13,900	16.6	3,700	4.4	4,000	4.8	6,200	7.4	31080	Los Angeles-Long Beach-Anaheim, CA
Suwannee, Taylor, Madison, Hamilton & Lafayette Counties	1212100	Florida	6,000	16.5	1,200	3.4	2,000	5.6	2,700	7.6	na	na
NYC-Bronx Community District 10-Co-op City, Pelham Bay & Schuylerville	3603703	New York	8,700	16.5	1,700	3.2	5,000	9.4	s	s	35620	New York-Newark-Jersey City, NY-NJ-PA
San Bernardino County (Southwest)Rialto City	0607109	California	8,700	16.4	1,200	2.2	2,700	5.0	4,900	9.2	40140	Riverside-San Bernardino-Ontario, CA
												Miami-Fort Lauderdale-West Palm Beach,
Miami-Dade County (Northeast)Greater North Miami Beach City (West)	1208603	Florida	8,100	16.4	1,900	3.9	3,300	6.8	2,800	5.7	33100	FL
San Antonio City (West)Inside Loop I-410	4805905	Texas	6,600	16.3	300	0.7	s	s	5,000	12.4	41700	San Antonio-New Braunfels, TX
Monterey County (Northeast)Salinas City	0605302	California	12,300	16.3	1,400	1.9	3,600	4.7	7,300	9.7	41500	Salinas, CA
Toledo City (East)	3900500	Ohio	8,500	16.3	1,100	2.1	3,400	6.5	4,100	7.8	45780	Toledo, OH
Polk County (Northeast)	1210502	Florida	15,500	16.3	2,800	2.9	5,500	5.7	7,300	7.6	29460	Lakeland-Winter Haven, FL
Kern County (West)Delano, Wasco & Shafter Cities	0602901	California	13,200	16.3	2,500	3.1	4,700	5.8	6,000	7.4	12540	Bakersfield, CA
KIPDA Area Development District (West)Louisville/Jefferson County (Northwest)	2101701	Kentucky	7,600	16.3	1,300	2.7	3,300	7.1	3,000	6.4	31140	Louisville/Jefferson County, KY-IN
Hidalgo County (Southwest)Mission City	4806806	-	7,400	16.2	500	1.1	3,400	7.4	3,500	7.7	32580	•
Coastal Regional Commission (East)-Chatham County (West Central)- Savannah City	1300401		12,600	16.2	2,700	3.5	4,800	6.2	5,100	6.5		Savannah, GA
Broward County (Southeast)Miramar (East), Hallandale Beach & West Park Cities	1201114	Florida	9,400	16.2	1,900	3.3	3,900	6.7	3,600	6.1	33100	Miami-Fort Lauderdale-West Palm Beach, FL
NYC-Brooklyn Community District 14Flatbush & Midwood	3604015	New York	12,600	16.2	2,800	3.6	6,000	7.7	3,800	4.9	35620	
Heart of Texas COGMcLennan CountyWaco City (Central)	4803801	Texas	8,000	16.1	800	1.7	s	s	5,200	10.5		Waco, TX
San Juan County (Northeast)—Farmington, Bloomfield & Aztec Cities	3500200		5,800	16.1	1,200	3.3	1,400	3.9	3,200	8.9		Farmington, NM
Eagle, Summit, Grand & Jackson Counties	0800400		10,500	16.1	3,000	4.7	2,800	4.3	4,600	7.2	na	
Detroit City (North Central)	2603209		7,000	16.1	900	2.2	3,000	6.8	3,100	7.1	19820	
Passaic County (Central)-Hawthorne Borough & Clifton City (Northwest)		New Jersey	8,400	16.1	2,200	4.2	3,300	6.3	2,900	5.6	35620	New York-Newark-Jersey City, NY-NJ-PA
San Joaquin County (Central)-Stockton City (North)	0607701	California	12,900	16.1	1,800	2.3	6,600	8.3	4,400	5.5		Stockton-Lodi, CA
Coastal Bend COG (Southeast) & Willacy County	4806900	Texas	6,000	16.0	s	s	S	5.4	3,500	9.2	na	na
Tucson City (South)	0400208		7,000	16.0	1,000	2.2	2,200	5.1	3,800	8.6		Tucson, AZ
,	1.55250		.,000		.,000		_,	J. 1	3,000	3.3		Miami-Fort Lauderdale-West Palm Beach,
Miami-Dade County (East Central)Miami City (West)	1208615	Florida	8,100	16.0	1,200	2.3	2,900	5.7	4,000	7.9	33100	
NYC-Queens Community District 10Howard Beach & Ozone Park	3604113	New York	10,400	16.0	1,400	2.1	5,000	7.6	4,100	6.3	35620	New York-Newark-Jersey City, NY-NJ-PA
NYC-Brooklyn Community District 3Bedford-Stuyvesant	3604003	New York	10,100	16.0	3,700	5.9	3,600	5.7	2,700	4.3	35620	New York-Newark-Jersey City, NY-NJ-PA

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# STEM workers, by occupation group and Public Use Microdata Area: 2021

			ALL S	STEM ations	S&E occi	upations	S&E-r occup	elated ations		iddle-skill ations	MSA	
PUMA name	PUMA ID	State	Number	Percent	Number	Percent	Number	Percent	Number	Percent	code	MSA title
Erie County (West Central)-Buffalo City (East)	3601205	New York	8,600	15.9	1,300	2.4	3,000	5.5	4,300	7.9	15380	Buffalo-Cheektowaga-Niagara Falls, NY
Orange County (South Central)Orlando City (South Central), Conway & Pine Castle	1209504	Florida	10,500	15.9	1,400	2.2	4,000	6.0	5,100	7.7	36740	Orlando-Kissimmee-Sanford, FL
Philadelphia City (Southwest)	4203210	Pennsylvania	10,300	15.9	3,500	5.4	4,300	6.6	2,500	3.9	37980	Philadelphia-Camden-Wilmington, PA-NJ- DE-MD
Riverside County (East)Indio, Coachella, Blythe & La Quinta (East) Cities	0606501	California	12,000	15.8	1,100	1.5	2,900	3.9	7,900	10.4	40140	Riverside-San Bernardino-Ontario, CA
Miami-Dade County (Northeast Central)Miami City (North)	1208611	Florida	8,400	15.8	1,000	1.9	2,400	4.5	5,000	9.4	33100	Miami-Fort Lauderdale-West Palm Beach, FL
Santa Barbara County (Northwest)-Santa Maria City & Orcutt	0608301	California	9,100	15.8	1,600	2.8	3,000	5.2	4,500	7.8	42200	Santa Maria-Santa Barbara, CA
San Antonio (Northeast), Kirby & Windcrest Cities	4805913	Texas	8,200	15.8	2,000	3.8	2,400	4.6	3,800	7.4	41700	San Antonio-New Braunfels, TX
Riverside County (North Central)San Jacinto, Beaumont, Banning & Calimesa Cities	0606507	California	10,000	15.8	2,200	3.4	3,200	5.0	4,700	7.4	40140	Riverside-San Bernardino-Ontario, CA
Cleveland City (East) & Bratenahl Village	3900908	Ohio	8,000	15.8	1,600	3.2	3,000	6.0	3,300	6.6	17460	Cleveland-Elyria, OH
Tuscaloosa & Northport (Southeast) Cities	0101600	Alabama	8,400	15.8	800	1.6	4,400	8.3	3,100	5.9	46220	Tuscaloosa, AL
Detroit City (Northeast)	2603210	Michigan	5,300	15.7	1,100	3.2	S	S	3,000	8.9	19820	Detroit-Warren-Dearborn, MI
St. Lucie County (North)	1211101	Florida	6,200	15.7	s	s	2,500	6.4	3,300	8.4	38940	Port St. Lucie, FL
NYC-Bronx Community District 12Wakefield, Williamsbridge & Woodlawn	3603702	New York	8,500	15.7	1,200	2.2	4,800	8.7	2,600	4.8	35620	New York-Newark-Jersey City, NY-NJ-PA
NYC-Brooklyn Community District 16Brownsville & Ocean Hill	3604007	New York	7,300	15.7	1,100	2.3	4,600	10.0	S	s	35620	New York-Newark-Jersey City, NY-NJ-PA
Los Angeles County (Central)El Monte & South El Monte Cities	0603738	California	8,500	15.6	900	1.7	2,400	4.4	5,100	9.5	31080	Los Angeles-Long Beach-Anaheim, CA
Doña Ana County (Outer)	3501001	New Mexico	6,700	15.6	1,700	4.1	1,900	4.4	3,100	7.2	29740	Las Cruces, NM
San Bernardino County (Southwest)-San Bernardino City (East)	0607107	California	6,900	15.6	700	1.7	3,100	7.1	3,000	6.9	40140	Riverside-San Bernardino-Ontario, CA
Los Angeles County (Central)LA City (Central/Koreatown)	0603733	California	8,400	15.6	2,100	3.9	2,800	5.2	3,500	6.5	31080	Los Angeles-Long Beach-Anaheim, CA
Atlanta Regional CommissionFulton County (Central)Atlanta City (Central)	1304600	Georgia	8,100	15.5	2,300	4.5	3,000	5.7	2,800	5.3	12060	Atlanta-Sandy Springs-Roswell, GA
Miami-Dade County (Northeast)Aventura City & Surfside Town	1208604	Florida	6,900	15.5	1,700	3.8	3,000	6.8	2,200	4.9	33100	Miami-Fort Lauderdale-West Palm Beach, FL
Detroit City (Northwest)	2603208	Michigan	8,100	15.4	1,800	3.5	2,500	4.7	3,800	7.2	19820	Detroit-Warren-Dearborn, MI
Miami-Dade (South/Outside Urban Development Boundary) & Monroe Counties	1208700	Florida	7,900	15.3	700	1.3	2,400	4.7	4,800	9.3	33100	Miami-Fort Lauderdale-West Palm Beach, FL
Chicago City (South)–Chicago Lawn, Englewood/West Englewood & Greater Grand Crossing	1703528	Illinois	6,500	15.2	1,200	2.8	s	s	4,200	9.7	16980	Chicago-Naperville-Elgin, IL-IN-WI
Suffolk County (North)Revere, Chelsea & Winthrop Town Cities	2503306	Massachusetts	9,000	15.2	2,200	3.8	3,200	5.5	3,500	6.0	14460	Boston-Cambridge-Newton, MA-NH
NYC-Manhattan Community District 12–Washington Heights, Inwood & Marble Hill	3603801	New York	14,200	15.2	3,700	4.0	7,800	8.4	2,700	2.9	35620	New York-Newark-Jersey City, NY-NJ-PA
Hidalgo County (East)Alamo & Donna Cities	4806802	Texas	5,400	15.1	*	*	1,900	5.2	3,500	9.9	32580	McAllen-Edinburg-Mission, TX
San Bernardino County (Southwest)-San Bernardino City (West)	0607108	California	11,200	15.1	1,300	1.8	2,800	3.8	7,100	9.6	40140	Riverside-San Bernardino-Ontario, CA
Los Angeles County (South Central)-Compton City & West Rancho Dominguez	0603757	California	10,000	15.0	1,500	2.3	2,100	3.2	6,400	9.5	31080	Los Angeles-Long Beach-Anaheim, CA

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Table SLBR-22

# STEM workers, by occupation group and Public Use Microdata Area: 2021

			ALL S	STEM ations	S&E occi	upations	S&E-r occup	elated ations		iddle-skill pations	MSA	
PUMA name	PUMA ID	State	Number	Percent	Number	Percent	Number	Percent	Number	Percent	code	MSA title
Fresno County (Central)Fresno City (Southwest)	0601904	California	10,600	15.0	1,000	1.4	3,100	4.4	6,500	9.2	23420	Fresno, CA
Essex County (Southeast)Newark City (Southwest)	3401302	New Jersey	7,800	15.0	1,500	2.8	3,000	5.7	3,300	6.4	35620	New York-Newark-Jersey City, NY-NJ-PA
Los Angeles County (Central)-Huntington Park City, Florence-Graham & Walnut												
Park		California	8,100	14.9	900	1.6	S	S	6,000	11.0		Los Angeles-Long Beach-Anaheim, CA
Genesee County (Central)Flint City Area		Michigan	4,600	14.9	1,000	3.3	S	S	3,000			Flint, MI
Duval County (Northwest Central)Jacksonville City (Northwest)	1203102	Florida	6,000	14.9	S	S	2,000	4.8	3,700			Jacksonville, FL
NYC-Bronx Community District 7Bedford Park, Fordham North & Norwood		New York	7,800	14.9	1,400	2.8	2,600	4.9	3,800	7.2		New York-Newark-Jersey City, NY-NJ-PA
Las Vegas City (Southeast)	3200405	Nevada	7,600	14.8	S	S	S	S	5,500	10.7	29820	Las Vegas-Henderson-Paradise, NV
Fresno County (West)Selma, Kerman & Coalinga Cities	0601901	California	7,700	14.8	s	s	2,100	4.0	5,100	9.9	23420	Fresno, CA
Clark County (East)Mesquite City, Sunrise Manor (North), Moapa Valley & Nellis AFB	3200404	Nevada	8,100	14.7	700	1.3	s	s	5,900	10.7	29820	Las Vegas-Henderson-Paradise, NV
Los Angeles County (South Central)LA City (South Central/Watts)	0603751	California	8,500	14.7	800	1.5	s	s	6,100	10.6	31080	Los Angeles-Long Beach-Anaheim, CA
Butler, Ripley, Wayne, Madison, Iron, Reynolds & Carter Counties	2902400	Missouri	5,100	14.7	700	2.0	1,700	4.9	2,700	7.8	na	na
Los Angeles CountyLA City (Central/Univ. of Southern California & Exposition Park)	0603746	California	6,200	14.7	1,200	2.8	1,900	4.5	3,100	7.4	31080	Los Angeles-Long Beach-Anaheim, CA
Essex County (Southeast)Newark City (North & East)	3401301	New Jersey	9,800	14.6	1,900	2.8	3,000	4.5	4,900	7.3	35620	New York-Newark-Jersey City, NY-NJ-PA
Josephine, Coos & Curry Counties	4100800	Oregon	9,200	14.5	1,200	1.8	s	s	6,300	9.9	24420	Grants Pass, OR
Kern County (Central)Bakersfield City (Northeast)	0602903	California	7,700	14.4	1,600	3.0	s	s	4,400	8.3	12540	Bakersfield, CA
Orange County (Central)-Santa Ana City (West)	0605916	California	9,900	14.4	1,500	2.1	3,700	5.4	4,700	6.9	31080	Los Angeles-Long Beach-Anaheim, CA
Clark County (Central)Paradise (Northwest) & Winchester	3200409	Nevada	9,500	14.4	1,800	2.7	3,400	5.2	4,300	6.6	29820	Las Vegas-Henderson-Paradise, NV
NYC-Manhattan Community District 9Hamilton Heights, Manhattanville & West Harlem	3603802	New York	7,800	14.2	3,700	6.8	3,200	5.8	s	s	35620	New York-Newark-Jersey City, NY-NJ-PA
Chicago City (West)Austin, Belmont Cragin & Montclare	1703521	Illinois	10,400	14.1	1,000	1.4	3,100	4.2	6,300	8.6	16980	Chicago-Naperville-Elgin, IL-IN-WI
St. Louis County (Northeast)	2901801	Missouri	7,200	14.1	1,300	2.5	2,900	5.6	3,100	5.9	41180	St. Louis, MO-IL
Atlanta Regional Commission (Southwest)Douglas County	1304400	Georgia	9,400	14.1	2,100	3.2	3,400	5.1	3,900	5.8	12060	Atlanta-Sandy Springs-Roswell, GA
Imperial CountyEl Centro City	0602500	California	8,100	14.1	s	2.0	3,700	6.5	3,200	5.6	20940	El Centro, CA
Cumberland Valley Area Development District (South)	2100900	Kentucky	5,600	14.1	S	s	3,000	7.5	1,900	4.8	na	na
Broome County (West Central)-Greater Binghamton City & Greater Johnson City Village	3602201	New York	7,800	14.1	1,000	1.8	4,500	8.0	2,400	4.2	13780	Binghamton, NY
NYC-Bronx Community District 9Castle Hill, Clason Point & Parkchester	3603709	New York	9,200	14.0	1,700	2.6	4,900	7.5	2,500	3.8	35620	New York-Newark-Jersey City, NY-NJ-PA
Atlanta Regional Commission (Central)DeKalb County (South)	1301008	Georgia	8,600	14.0	4,900	8.1	1,500	2.5	2,100	3.5	12060	Atlanta-Sandy Springs-Roswell, GA
Los Angeles County (Central)LA City (Central/West Adams & Baldwin Hills)	0603747	California	10,200	13.9	2,400	3.3	3,000	4.1	4,800	6.5		Los Angeles-Long Beach-Anaheim, CA
Hampden County (Central)Springfield City	2501900	Massachusetts	7,800	13.9	1,500	2.6	2,900	5.2	3,400	6.0	44140	Springfield, MA
NYC-Brooklyn Community District 12Borough Park, Kensington & Ocean Parkway	3604014	New York	8,300	13.8	1,400	2.3	4,300	7.1	2,700	4.4	35620	New York-Newark-Jersey City, NY-NJ-PA
Hidalgo County (North & West)	4806807	Texas	5,400	13.7	S	S	s	S	3,900	9.9	32580	McAllen-Edinburg-Mission, TX

### Table SLBR-22

### STEM workers, by occupation group and Public Use Microdata Area: 2021

(Number and percent)

				STEM pations	S&E occ	upations		elated ations		iddle-skill ations	MSA	
PUMA name	PUMA ID	State	Number	Percent	Number	Percent	Number	Percent	Number	Percent	code	MSA title
NYC-Brooklyn Community District 5East New York & Starrett City	3604008	New York	8,900	13.6	1,000	1.5	4,000	6.0	4,000	6.1	35620	New York-Newark-Jersey City, NY-NJ-PA
Cook County (Southeast)-Thornton Township	1703413	Illinois	8,300	13.5	1,000	1.7	4,000	6.4	3,300	5.4	16980	Chicago-Naperville-Elgin, IL-IN-WI
Los Angeles County (South Central)LA City (South Central/Westmont)	0603750	California	10,200	13.4	1,900	2.5	2,800	3.7	5,500	7.2	31080	Los Angeles-Long Beach-Anaheim, CA
NYC-Manhattan Community District 3-Chinatown & Lower East Side	3603809	New York	8,800	13.4	3,700	5.7	3,800	5.8	s	s	35620	New York-Newark-Jersey City, NY-NJ-PA
Los Angeles County (Central)–Bell Gardens, Bell, Maywood, Cudahy & Commerce Cities	0603741	California	7,200	13.2	400	0.7	s	s	5,200	9.6	31080	Los Angeles-Long Beach-Anaheim, CA
Los Angeles County (Central)-Inglewood City	0603749	California	7,100	13.2	1,800	3.3	2,600	4.9	2,700	5.0	31080	Los Angeles-Long Beach-Anaheim, CA
Houston City (West)Westpark Tollway, Between Loop I-610 & Beltway TX-8	4804614	Texas	8,300	13.1	1,200	1.9	s	S	6,100	9.6	26420	Houston-The Woodlands-Sugar Land, TX
Chicago City (South)–Auburn Gresham, Roseland, Chatham, Avalon Park & Burnside	1703531	Illinois	6,300	13.1	1,200	2.6	3,300	6.8	s	s	16980	Chicago-Naperville-Elgin, IL-IN-WI
District of Columbia (East)	1100104	District of Columbia	7,000	13.0	2,700	5.1	2,300	4.3	1,900	3.6	47900	Washington-Arlington-Alexandria, DC-VA- MD-WV
NYC-Brooklyn Community District 7Sunset Park & Windsor Terrace	3604012	New York	7,300	12.9	1,100	2.0	2,700	4.8	3,500	6.2	35620	New York-Newark-Jersey City, NY-NJ-PA
Los Angeles County (Central)-LA City (Southeast/East Vernon)	0603745	California	7,400	12.8	200	0.4	s	s	5,800	10.0	31080	Los Angeles-Long Beach-Anaheim, CA
Los Angeles County (Central)East Los Angeles	0603743	California	6,800	12.7	500	1.0	S	3.0	4,700	8.7	31080	Los Angeles-Long Beach-Anaheim, CA
Riverside County (West Central)Perris City, Temescal Valley & Mead Valley	0606509	California	7,600	12.6	1,200	2.0	s	s	4,500	7.5	40140	Riverside-San Bernardino-Ontario, CA
Hartford Town	0900302	Connecticut	6,200	12.5	1,100	2.2	2,100	4.3	2,900	5.9	25540	Hartford-West Hartford-East Hartford, CT
Detroit City (Southwest)	2603212	Michigan	3,800	12.4	S	1.4	S	S	2,200	7.3	19820	Detroit-Warren-Dearborn, MI
Chicago City (South)South Chicago, Pullman, West Pullman, East Side & South Deering	1703532	Illinois	6,000	12.2	700	1.5	2,200	4.5	3,100	6.3	16980	Chicago-Naperville-Elgin, IL-IN-WI
South Texas Development Council–Webb County (North & East)–Laredo City (Outer)	4806302	Texas	6,700	11.8	1,100	1.9	3,100	5.4	2,600	4.5	29700	Laredo, TX
Philadelphia City (North)	4203204	Pennsylvania	7,600	11.8	s	s	4,100	6.3	2,900	4.5	37980	Philadelphia-Camden-Wilmington, PA-NJ- DE-MD
NYC-Bronx Community District 1 & 2Hunts Point, Longwood & Melrose	3603710	New York	5,800	11.5	600	1.2	s	s	3,600	7.2	35620	New York-Newark-Jersey City, NY-NJ-PA
South Texas Development Council (North)Webb CountyLaredo City (Central)	4806301	Texas	5,200	11.3	300	s	s	2.9	3,500	7.7	29700	Laredo, TX
NYC-Bronx Community District 3 & 6-Belmont, Crotona Park East & East Tremont	3603705	New York	6,800	11.0	900	1.4	2,100	3.4	3,800	6.2	35620	New York-Newark-Jersey City, NY-NJ-PA
NYC-Bronx Community District 5Morris Heights, Fordham South & Mount Hope	3603707	New York	4,600	9.3	900	1.8	s	S	2,500	5.1	35620	New York-Newark-Jersey City, NY-NJ-PA

<sup>\* =</sup> rounds to zero. na = not applicable; not in a metropolitan statistical area (MSA). s = suppressed for data quality concerns.

COG = Council of Governments; DRCOG = Denver Regional Council of Governments; KIPDA = Kentuckiana Regional Planning and Development Agency; LA = Los Angeles; NYC = New York City; PUMA = Public Use Microdata Area; S&E = science and engineering; STEM = science, technology, engineering, and mathematics.

#### Note(s)

Data include the employed, civilian, non-institutionalized population ages 16–75 and exclude those currently enrolled in primary or secondary school. For more information about PUMAs, please see <a href="https://www.census.gov/programs-surveys/geography/guidance/geo-areas/pumas.html">https://www.census.gov/programs-surveys/geography/guidance/geo-areas/pumas.html</a>. The PUMA-to-MSA crosswalk used in this table is the MSA2013\_PUMA2010\_crosswalk recommended by IPUMS. U.S. Postal Service state abbreviations are used in the MSA titles.

### Source(s):

Census Bureau, American Community Survey (ACS), 2021, Public Use Microdata Sample (PUMS), data as of September 2022; and Ruggles S, Flood S, Goeken R, Schouweiler M, Sobek M, 2022, IPUMS USA: Version 12.0, IPUMS PUMA to MSA Crosswalk, https://usa.ipums.org/usa/resources/volii/MSA2013\_PUMA2010\_crosswalk.xls.

### Table SLBR-23

### Distribution of STEM workers, by educational attainment and STEM group: 2021

(Percent)

			Less than a bachel	or's degree (STW)		Bachelor's degree or higher				
STEM group	All STEM workers	Total	High school diploma or GED or less	Some college, no degree	Associate's degree	Total	Bachelor's degree	Master's or higher		
All STEM workers (number)	36,803,699	19,255,748	8,759,558	6,138,188	4,358,002	17,547,951	10,139,743	7,408,208		
S&E occupations	25.6	10.9	5.6	16.1	14.2	41.7	43.2	39.7		
S&E-related occupations	36.8	26.4	12.7	28.9	50.4	48.2	42.6	55.9		
STEM middle- skill	07.6	60.7	04.7	FF.1	05.4	10.0	140			
occupations	37.6	62.7	81.7	55.1	35.4	10.0	14.2	4.4		

S&E = science and engineering; STEM = science, technology, engineering, and mathematics; STW = skilled technical workforce.

#### Note(s)

Data include the employed, civilian, non-institutionalized population ages 16-75 and exclude those currently enrolled in primary or secondary school.

### Source(s):

Ruggles S, Flood S, Goeken R, Schouweiler M, Sobek M, 2022, IPUMS USA: Version 12.0, 2021 American Community Survey (ACS), https://doi.org/10.18128/D010.V12.0, accessed 23 December 2022.

Table SLBR-24

### STEM workers with credentials, by educational attainment: 2020

(Percent)

STEM group and educational attainment	Any credential	Professional certification or license	Educational certificate
STEM occupations			
All education levels	45.6	39.2	17.9
High school only	31.7	23.7	15.9
Some college	44.2	32.9	27.6
Associate's degree	63.6	52.4	35.4
Bachelor's degree	41.6	37.4	13.1
Advanced degree	53.7	51.3	10.8
S&E occupations			
All education levels	28.4	22.9	9.6
High school only	22.4	17.9	10.2
Some college	29.9	19.4	15.9
Associate's degree	43.3	29.7	30.3
Bachelor's degree	27.2	22.4	8.3
Advanced degree	28.0	24.1	6.1
S&E-related occupations			
All education levels	67.1	63.3	22.0
High school only	40.4	32.2	20.9
Some college	55.3	46.5	36.3
Associate's degree	80.7	74.2	38.3
Bachelor's degree	60.7	58.0	17.4
Advanced degree	78.7	77.7	15.2
STEM middle-skill occupations			
All education levels	37.8	27.8	20.9
High school only	30.9	22.5	15.5
Some college	43.5	30.8	27.2
Associate's degree	51.9	36.3	34.2
Bachelor's degree	34.3	27.9	15.8
Advanced degree	37.4	33.4	9.1

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

### Note(s):

Data include the civilian, non-institutionalized population ages 16–75 with at least a high school diploma or GED employed in the 12th month of 2020 and exclude those with only military occupations, those missing occupation data or who have not worked in the last 5 years, and those currently enrolled in primary or secondary school. Advanced degree includes master's, professional, or doctoral degree. Non-STEM occupations are not shown.

### Source(s):

Census Bureau, Survey of Income and Program Participation (SIPP), Public-Use File, 2021.

Table SLBR-25

### Employed workers in STEM occupations, by foreign-born and citizenship status: 2021

(Number and percent)

			Foreign-born workers					
STEM occupations	Total	U.Sborn citizens	All foreign-born workers	Naturalized citizens	Noncitizens			
Employed (number)	152,367,600	125,821,100	26,546,400	14,044,900	12,501,500			
STEM workers	36,803,700	29,779,800	7,023,900	3,887,500	3,136,400			
S&E workers	9,422,400	7,138,800	2,283,600	1,190,000	1,093,600			
S&E-related workers	13,540,100	11,371,600	2,168,500	1,595,600	572,900			
STEM middle-skill workers	13,841,200	11,269,300	2,571,800	1,101,900	1,469,900			
Non-STEM workers	115,563,900	96,041,400	19,522,500	10,157,400	9,365,100			
Citizenship status of STEM groups (row %)	100.0	82.6	17.4	9.2	8.2			
STEM workers	100.0	80.9	19.1	10.6	8.5			
S&E workers	100.0	75.8	24.2	12.6	11.6			
S&E-related workers	100.0	84.0	16.0	11.8	4.2			
STEM middle-skill workers	100.0	81.4	18.6	8.0	10.6			
Non-STEM workers	100.0	83.1	16.9	8.8	8.1			
Percentage in STEM groups by citizenship status (column %)	100.0	100.0	100.0	100.0	100.0			
STEM workers	24.2	23.7	26.5	27.7	25.1			
S&E workers	6.2	5.7	8.6	8.5	8.7			
S&E-related workers	8.9	9.0	8.2	11.4	4.6			
STEM middle-skill workers	9.1	9.0	9.7	7.8	11.8			
Non-STEM workers	75.8	76.3	73.5	72.3	74.9			
Employed with a bachelor's degree or higher (number)	59,221,200	49,240,600	9,980,600	6,195,800	3,784,800			
STEM workers	17,548,000	13,616,500	3,931,400	2,385,600	1,545,900			
S&E workers	7,324,300	5,276,200	2,048,200	1,040,300	1,007,900			
S&E-related workers	8,461,800	6,888,800	1,573,000	1,162,800	410,200			
STEM middle-skill workers	1,761,800	1,451,600	310,200	182,500	127,800			
Non-STEM workers	41,673,200	35,624,100	6,049,200	3,810,300	2,238,900			

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

### Note(s):

Data include the employed, civilian, non-institutionalized population ages 16–75 and exclude those currently enrolled in primary or secondary school. Foreign-born individuals were born outside of the United States or were not citizens by birth.

### Source(s):

Ruggles S, Flood S, Goeken R, Schouweiler M, Sobek M, 2022, IPUMS USA: Version 12.0, 2021 American Community Survey (ACS), https://doi.org/10.18128/D010.V12.0, accessed 23 December 2022.

Table SLBR-26

### Top country or economy of birth for foreign-born STEM workers, by occupation group: 2021

(Percent)

Country or economy of birth	All STEM occupations	S&E occupations	S&E-related occupations	STEM middle-skill occupations
Mexico	18.2	4.4	7.0	39.9
India	13.7	28.9	12.2	1.4
China (including Hong Kong)	6.6	12.8	5.0	2.3
Philippines	5.9	3.0	12.9	2.6
Vietnam	3.0	2.8	3.4	2.8
El Salvador	2.5	0.5	1.2	5.5
Cuba	2.3	0.9	2.5	3.3
Korea, not specified	2.1	2.8	2.9	0.9
Guatemala	1.8	0.3	0.6	4.3
Canada	1.8	2.1	2.9	0.7
Jamaica	1.6	0.8	2.5	1.4
United Kingdom	1.5	2.0	1.7	0.8
Honduras	1.5	0.4	0.4	3.4
Colombia	1.5	1.2	1.7	1.6
Dominican Republic	1.5	0.7	1.2	2.3
Nigeria	1.4	1.3	2.6	0.4
Haiti	1.2	0.5	2.3	1.0
Taiwan	1.1	2.1	1.2	0.3
Brazil	1.1	1.1	1.1	1.2
Iran	1.1	1.5	1.6	0.4
Russia	1.1	1.6	1.4	0.5
Poland	1.1	0.8	1.1	1.3
Pakistan	1.1	1.7	1.3	0.3
Ukraine	1.0	1.1	1.1	0.8
Venezuela	0.9	0.9	0.8	1.1
Germany	0.9	1.1	1.1	0.4
Ecuador	0.8	0.5	0.5	1.4

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

### Note(s):

Data include the employed, civilian, non-institutionalized population ages 16–75 and exclude those currently enrolled in primary or secondary school. Foreign-born individuals were born outside of the United States and were not citizens by birth.

### Source(s):

Ruggles S, Flood S, Goeken R, Schouweiler M, Sobek M, 2022, IPUMS USA: Version 12.0, 2021 American Community Survey (ACS), https://doi.org/10.18128/D010.V12.0, accessed 23 December 2022.

Table SLBR-27
Citizenship and foreign-born status of workers with bachelor's degrees or higher, by STEM occupation category: 2021
(Number and percent)

				Foreign-bor	n workers	
Occupations	Total	U.Sborn citizens	All foreign-born workers	Naturalized citizens	Permanent residents	Temporary visa holders
Total (number)	51,525,300	43,030,000	8,495,300	5,629,400	1,584,400	1,281,500
S&E and S&E-related occupations	17,368,200	13,430,500	3,937,700	2,358,200	722,200	857,300
All S&E occupations	7,878,300	5,724,100	2,154,200	1,081,900	405,400	666,900
Computer and mathematical scientists	4,026,800	2,757,100	1,269,700	618,500	238,900	412,300
Biological, agricultural, and other life scientists	793,500	556,500	237,000	118,900	45,300	72,800
Physical and related scientists	407,600	312,400	95,200	39,600	18,100	37,500
Social and related scientists	709,000	593,700	115,200	58,300	17,700	39,300
Engineers	1,941,400	1,504,400	437,000	246,600	85,400	105,100
S&E-related occupations	9,489,800	7,706,400	1,783,500	1,276,400	316,700	190,400
Non-STEM occupations	34,157,100	29,599,500	4,557,600	3,271,200	862,200	424,200
Citizenship, by STEM occupation group (column %)	100.0	100.0	100.0	100.0	100.0	100.0
S&E and S&E-related occupations	33.7	31.2	46.4	41.9	45.6	66.9
All S&E occupations	15.3	13.3	25.4	19.2	25.6	52.0
Computer and mathematical scientists	7.8	6.4	14.9	11.0	15.1	32.2
Biological, agricultural, and other life scientists	1.5	1.3	2.8	2.1	2.9	5.7
Physical and related scientists	0.8	0.7	1.1	0.7	1.1	2.9
Social and related scientists	1.4	1.4	1.4	1.0	1.1	3.1
Engineers	3.8	3.5	5.1	4.4	5.4	8.2
S&E-related occupations	18.4	17.9	21.0	22.7	20.0	14.9
Non-STEM occupations	66.3	68.8	53.6	58.1	54.4	33.1
STEM occupation, by citizenship status (row %)	100.0	83.5	16.5	10.9	3.1	2.5
S&E and S&E-related occupations	100.0	77.3	22.7	13.6	4.2	4.9
All S&E occupations	100.0	72.7	27.3	13.7	13.4	9.6
Computer and mathematical	100.0	, 2.,	27.0	10.7	10.1	3.0
scientists	100.0	68.5	31.5	15.4	5.9	10.2
Biological, agricultural, and other life scientists	100.0	70.1	29.9	15.0	5.7	9.2
Physical and related scientists	100.0	76.6	23.4	9.7	4.4	9.2
Social and related scientists	100.0	83.7	16.3	8.2	2.5	5.5
Engineers	100.0	77.5	22.5	12.7	4.4	5.4
S&E-related occupations	100.0	81.2	18.8	5.1	3.3	2.5
Non-STEM occupations	100.0	86.7	13.3	8.5	2.0	1.2
Foreign-born STEM workers (cell %)						
S&E and S&E-related occupations	na	na	100.0	59.9	18.3	21.8
All S&E occupations	na	na	54.7	27.5	10.3	16.9
Computer and mathematical scientists	na	na	32.2	15.7	6.1	10.5
Biological, agricultural, and other life scientists	na	na	6.0	3.0	1.2	1.8
Physical and related scientists	na	na	2.4	1.0	0.5	1.0
Social and related scientists	na	na	2.9	1.5	0.4	1.0
Engineers	na	na	11.1	6.3	2.2	2.7
S&E-related occupations	na	na	45.3	32.4	8.0	4.8
Non-STEM occupations	na	na	na	na	na	na

na = not applicable.

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

#### Note(s):

Numbers and percentages may not sum due to rounding. Non-S&E occupations includes STEM middle-skill and non-STEM occupations.

### Source(s):

National Center for Science and Engineering Statistics, National Survey of College Graduates (NSCG), Public-Use File, 2021.

**Table SLBR-28** 

Postgraduation plans of U.S. SEH doctorates on temporary resident visas to stay in the United States, by broad field of doctorate and country or economy of origin: 2010–21

(Number and percent)

				Temp	orary resid	dents			
	Docto	orate recip (number)	ients	Pla	ns to stay	(%)	Definite	commitm stay (%)	ents to
Field and country or economy of origin	2010- 13	2014- 17	2018- 21	2010- 13	2014- 17	2018- 21	2010- 13	2014- 17	2018- 21
All SEH fields	50,024	56,170	62,197	72.9	74.9	74.6	46.9	45.4	52.6
Agricultural sciences and natural resources	1,929	2,227	2,429	62.1	62.2	64.3	36.5	34.3	41.5
Biological and biomedical sciences	8,528	8,979	8,477	80.5	80.0	80.0	51.8	48.4	55.8
Computer and information sciences	3,379	4,429	5,366	78.2	83.5	81.1	53.3	56.8	63.3
Engineering	17,144	19,948	22,846	77.1	79.3	78.9	47.3	45.7	53.5
Geosciences, atmospheric sciences, and ocean sciences	1,068	1,355	1,555	70.6	69.0	72.5	50.6	46.8	48.4
Health sciences	1,872	1,910	2,345	66.9	68.5	64.9	41.1	40.2	44.6
Mathematics and statistics	2,966	3,317	3,990	71.8	74.8	73.6	50.5	51.9	57.4
Physical sciences	6,762	7,413	7,784	76.9	77.8	77.2	51.6	45.2	54.7
Psychology	1,044	1,100	1,214	60.3	62.7	64.9	39.8	41.0	48.4
Social sciences	5,332	5,492	6,191	48.0	50.7	52.9	32.3	33.9	39.1
Country or economy of origin									
China <sup>a</sup>	15,458	19,908	22,736	83.5	82.6	79.8	52.7	49.9	57.1
India	8,246	8,296	8,069	85.4	87.1	87.6	54.9	51.6	61.6
Iran	995	2,463	3,382	87.5	90.9	92.3	59.2	53.3	63.0
South Korea	4,305	3,554	3,039	63.8	66.6	67.5	41.3	41.6	50.3
Taiwan	2,223	2,006	1,661	69.4	77.3	78.9	40.9	44.5	54.9
Saudi Arabia	154	581	1,558	14.3	12.2	13.7	6.5	4.3	4.4
Bangladesh	302	675	1,292	82.1	88.3	87.5	46.7	49.9	60.6
Canada	1,277	1,199	1,167	60.5	61.4	65.4	44.5	43.0	52.1
Turkey	1,570	1,518	1,264	62.7	63.6	67.6	42.4	40.4	48.4
Nepal	401	742	912	87.3	88.9	92.1	52.1	50.8	56.6
Brazil	525	520	896	47.2	55.4	66.3	31.0	39.8	53.3
Mexico	659	652	689	56.1	60.4	70.1	36.3	37.1	49.5
Colombia	543	647	650	56.9	62.6	62.2	35.4	41.1	44.0
Sri Lanka	387	533	640	79.1	79.7	82.8	45.7	44.5	49.4
Unknown foreign country	368	363	1,248	37.8	36.1	51.8	20.1	25.3	35.4
Other	12,611	12,513	12,994	60.2	60.3	63.3	40.3	37.7	44.0

<sup>&</sup>lt;sup>a</sup> Includes Hong Kong.

SEH = science, engineering, and health.

### Note(s):

Data include doctorate recipients who are on temporary resident visas. Percentages are based on the total number of SEH doctorate recipients on temporary resident visas, including those who did not report their postgraduate location plans or employment plans. Recipients who plan to stay report intending to locate in the United States; definite commitments include doctorate recipients reporting having a definite commitment for a postdoctoral appointment or employment in the United States. The percentage of those who did not report either postgraduate location plans or employment plans ranged from 3.1% to 6.5% over the 2010–21 period. The survey field of study collection changed in 2021, which may affect the data comparability for field of doctorate across years. For more information, see the Survey of Earned Doctorates Field of Study Taxonomy Changes Working Paper (https://ncses.nsf.gov/pubs/ncses23200); see also https://ncses.nsf.gov/pubs/nsf24300/table/3-4.

### Source(s):

National Center for Science and Engineering Statistics, Survey of Earned Doctorates (SED).

### Table SLBR-A

### Bureau of Labor Statistics projections of employment and job openings in S&E and other selected occupations: 2022-32

(Number in thousands and percent)

STEM group	Employment, 2022	Employment, 2032	Projected change	Projected change (%)
Total	164,483	169,147	4,664	2.8
Non-STEM occupations	128,923	131,139	2,216	1.7
STEM occupations	35,560	38,008	2,448	6.9
S&E occupations	8,394	9,442	1,049	12.5
S&E-related occupations	12,781	13,893	1,112	8.7
STEM middle-skill occupations	14,386	14,674	288	2.0

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

#### Note(s):

Estimates of current and projected employment for 2022–32 are from the Bureau of Labor Statistics (BLS) National Employment Matrix; estimates in the matrix are developed by the Division of Employment Projections (DEP) using data from the Occupational Employment and Wage Statistics (OEWS) program and the Current Population Survey (CPS). Together, these sources cover paid workers and self-employed workers in all industries, agriculture, and private households. Because data are derived from multiple sources, they can often differ from employment data provided by OEWS, CPS, or other employment surveys alone. BLS does not make projections for S&E occupations as a group, nor does it do so for some of the S&E and S&E-related occupational categories as defined by the National Center for Science and Engineering Statistics (NCSES); numbers in the figure are based on the sum of BLS projections for occupations that NCSES includes in the respective categories. The STEM classifications used here differ slightly from those used in the American Community Survey (ACS) due to additional occupation detail in the projections tabulations. A crosswalk will be provided upon request.

### Source(s):

Bureau of Labor Statistics, special tabulations (2022) of the 2022-32 Employment Projections.

### Table SLBR-B

### Employment sector of STEM workers, by veteran status and STEM group: 2021

(Number and percent)

STEM group and veteran status	Number	For profit	Nonprofit	Self-employed or family	Local government	State government	Federal government
S&E occupations							
Veterans	624,642	63.1	4.4	3.5	3.7	4.3	21.1
Nonveterans	8,797,735	73.8	6.7	4.6	3.9	5.2	5.7
S&E-related occupations							
Veterans	580,317	55.4	15.7	6.7	3.1	4.2	14.8
Nonveterans	12,959,823	60.7	22.0	6.3	4.2	4.2	2.5
STEM middle-skill occupation	is						
Veterans	1,052,185	68.8	2.7	10.4	7.6	2.2	8.4
Nonveterans	12,788,997	74.1	2.6	14.7	5.4	1.7	1.6

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

#### Note(s):

Data include the employed, civilian, non-institutionalized population ages 16–75 and exclude those currently enrolled in primary or secondary school. Non-STEM occupations are not shown.

### Source(s):

Census Bureau, American Community Survey (ACS), 1-Year Public-Use File, 2021, data as of 25 October 2022.

**Table SLBR-C** 

### Share of veterans and nonveterans in STEM, by employer type and STEM occupation: 2021

(Percent)

Employer type	Veteran status	S&E occupations	S&E-related occupations	STEM middle-skill occupations
	Veterans	9.3	7.6	17.2
For-profit employers	Nonveterans	6.7	8.1	9.8
	Veterans	6.6	21.6	6.7
Nonprofit employers	Nonveterans	4.6	22.0	2.6
	Veterans	15.0	9.8	10.0
Federal government	Nonveterans	15.0	9.8	6.0
	Veterans	8.9	8.1	7.5
State government	Nonveterans	7.2	8.7	3.4
	Veterans	4.4	3.5	15.1
Local government	Nonveterans	3.0	4.9	6.1
	Veterans	3.2	5.8	16.2
Self-employed	Nonveterans	2.7	5.5	12.7

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

#### Note(s):

Data include the employed, civilian, non-institutionalized population ages 16–75 and exclude those currently enrolled in primary or secondary school. Non-STEM occupations are not shown. The totals of each row sum to the percentage of workers in STEM for the subgroup.

#### Source(s)

Census Bureau, American Community Survey (ACS), 1-Year Public-Use File, 2021, data as of 25 October 2022.

Table SLBR-D

### Occupation and sector of employed science, engineering, and health research doctorate recipients living in the United States: 2021

(Number and percent)

				Business or industry				
Occupation	Total (number)	College or university <sup>a</sup>	Government	All business or industry	For profit	Self-employed or not incorporated	Nonprofit	
All occupations	872,100	42.3	9.0	48.8	37.0	4.9	6.9	
S&E occupations	625,000	44.9	9.5	45.6	35.2	4.5	5.8	
Computer and mathematical scientists	109,400	34.4	4.9	60.8	54.9	1.7	4.1	
Biological, agricultural, and environmental life scientists	160,900	50.2	11.4	38.4	28.4	2.2	7.8	
Physical scientists	85,100	53.2	12.2	34.6	27.4	1.9	5.3	
Social scientists	146,900	54.6	9.6	35.8	15.7	12.9	7.2	
Engineers	122,800	30.2	9.0	60.8	55.6	1.9	3.3	
S&E-related occupations	100,500	42.3	8.6	49.1	35.3	2.5	11.3	
Non-S&E occupations	146,600	30.9	7.1	62.1	45.5	8.1	8.5	

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

#### Note(s):

Non-S&E occupations includes doctorate holders working in both non-STEM and STEM middle-skill occupations because the Survey of Doctorate Recipients (SDR) does not produce data on STEM middle-skill occupations. Percentages may not sum to 100% because of rounding. Numbers are rounded to the nearest 100; thus, numbers may not sum due to rounding.

#### Source(s):

National Center for Science and Engineering Statistics, Survey of Doctorate Recipients (SDR), Public-Use File, 2021.

<sup>&</sup>lt;sup>a</sup> Includes 4-year colleges or universities, medical schools (including university-affiliated hospitals or medical centers), and university-affiliated research institutes; 2-year colleges, community colleges or technical institutes, and other precollege institutions.