Program Overview

Biochemistry

Lightcast Q4 2022 Data Set

January 2023

Kentucky

Parameters

Completions Year: 2021

Jobs Timeframe: 2020 - 2021

Job Postings Timeframe: Jan 2010 - Dec 2022

Programs:

Code	Description
26.0202	Biochemistry

Regions:

Code	Description
21	Kentucky

Education Level:

Description
Bachelor's degree

Tuition Type: Tuition & Fees

Graduate Status: Undergraduate

Residency: In-State

4	17	Completions Distribution
Institutions	**Completions**	
100% Growth (2017-2021)	0% Growth (2017-2021)	

Average: 4.3

1 ———————|———|——————— 10

Median: 3

Program Overview

17
Completions

	Completions (2021)	% Completions	Institutions (2021)	% Institutions
● All Programs	17	100%	4	100%
● Distance Offered Programs	0	0%	0	0%
● Non-Distance Offered Programs	17	100%	4	100%

Market Share by Institution Type

Institution Type	Completions (2021)	Market Share
● Public, 4-year or above	10	58.8%
● Private not-for-profit, 4-year or above	7	41.2%

Market Share by Program
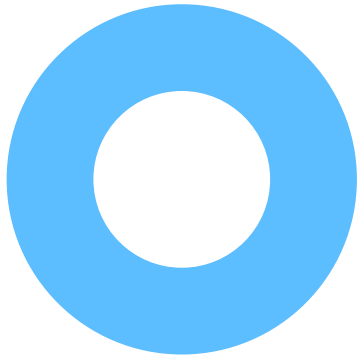
Program	Completions (2021)	Market Share
● Biochemistry (26.0202)	17	100.0%

Completions by Institution

Institution	Bachelor's Degree Completions (2021)	Growth % YOY (2021)	Market Share (2021)	IPEDS Tuition & Fees (2021)	Completions Trend (2017-2021)
Western Kentucky University	10	-9.1%	58.8%	$10,992	
Asbury University	3	0.0%	17.6%	$32,652	
Georgetown College	3	0.0%	17.6%	$41,200	
Brescia University	1	0.0%	5.9%	$26,950	

Regional Trends
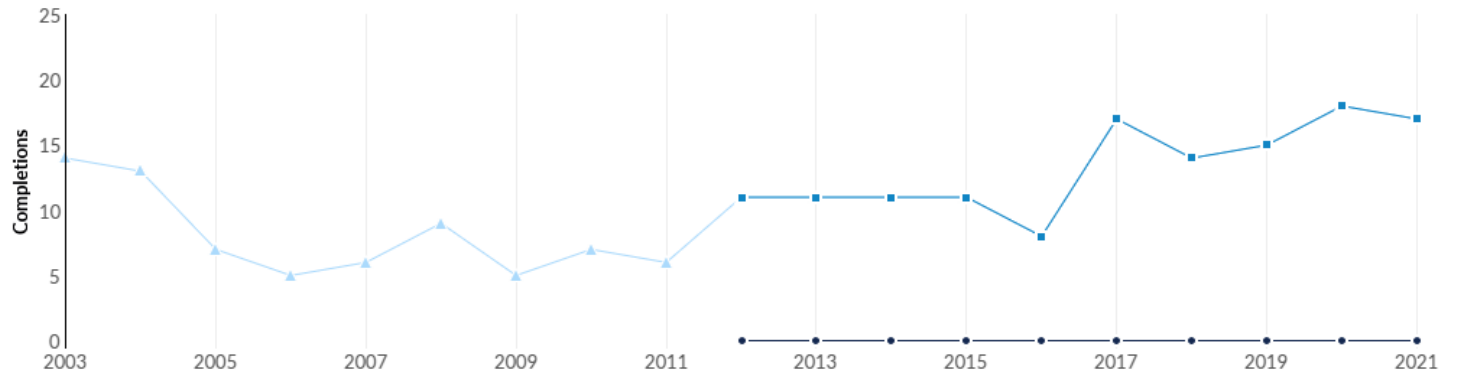
	2012 Completions	2021 Completions	% Change
● Distance Offered Programs	0	0	0.0%
■ Non-Distance Offered Programs	11	17	+54.5%
▲ All Programs	11	17	+54.5%

Regional Completions by Award Level

Award Level	Completions (2021)	Percent	
● Bachelor's Degree	17	100.0%	

Similar Programs

69	3,554
Programs (2021)	Completions (2021)

CIP Code	Program	Bachelor's Degree Completions (2021)
26.0101	Biology/Biological Sciences, General	928
14.1901	Mechanical Engineering	330
31.0505	Exercise Science and Kinesiology	293
40.0501	Chemistry, General	217
27.0101	Mathematics, General	193
14.0801	Civil Engineering, General	162
14.1001	Electrical and Electronics Engineering	137
14.0701	Chemical Engineering	124
26.0102	Biomedical Sciences, General	124
14.0901	Computer Engineering, General	117

Target Occupations

Filtered by the proportion of the national workforce in these occupations with a Bachelor's degree

1,353	-2.7%	$45.90/hr $95.5K/yr	245
Jobs (2020)*	% Change (2020-2021)*	Median Earnings	Annual Openings*
42% *below* National average*	Nation: -1.5%*	Nation: $59.29/hr; $123.3K/yr	

Occupation	2020 Jobs*	Annual Openings*	Median Earnings	Growth (2020 - 2021)*	Location Quotient (2020)*
Architectural and Engineering Managers	743	133	$60.81/hr	+2.69%	0.68
Medical Scientists, Except Epidemiologists	219	19	$29.92/hr	-25.57%	0.59
Biological Scientists, All Other	143	34	$29.17/hr	-0.70%	0.57
Natural Sciences Managers	125	20	$51.68/hr	-9.60%	0.39
Biochemists and Biophysicists	66	24	$31.13/hr	+10.61%	0.35
Microbiologists	58	15	$28.73/hr	+8.62%	0.49

Job Postings Summary

7,439	3 : 1	16 days
Unique Postings	Posting Intensity	Median Posting Duration
23,430 Total Postings	Regional Average: 3 : 1	Regional Average: 16 days

There were **23,430** total job postings for your selection from January 2010 to December 2022, of which **7,439** were unique. These numbers give us a Posting Intensity of **3-to-1**, meaning that for every 3 postings there is 1 unique job posting.

This is close to the Posting Intensity for all other occupations and companies in the region (3-to-1), indicating that they are putting average effort toward hiring for this position.

Top Companies Posting

Company	Total/Unique (Jan 2010 - Dec 2022)	Posting Intensity	Median Posting Duration
University of Kentucky	3,857 / 328	12 : 1	10 days
Norton Healthcare	575 / 234	2 : 1	23 days
Humana	559 / 156	4 : 1	22 days
University of Louisville	693 / 150	5 : 1	16 days
Quintiles	207 / 130	2 : 1	27 days
Randstad	356 / 129	3 : 1	22 days
Aerotek	263 / 108	2 : 1	6 days
Thinkpath	214 / 101	2 : 1	13 days
Elevance Health	151 / 89	2 : 1	20 days
Icon Medical Imaging	210 / 89	2 : 1	24 days

Top Posted Job Titles

Job Title	Total/Unique (Jan 2010 - Dec 2022)	Posting Intensity		Median Posting Duration
Project Engineers	1,509 / 592	3 : 1		13 days
Engineering Managers	1,397 / 586	2 : 1		12 days
Clinical Research Associates	2,546 / 352	7 : 1		14 days
Clinical Laboratory Scientists	516 / 203	3 : 1		12 days
Clinical Research Coordinators	467 / 147	3 : 1		10 days
Directors of Engineering	352 / 108	3 : 1		6 days
Microbiologists	218 / 105	2 : 1		16 days
Maintenance Engineering Managers	241 / 93	3 : 1		11 days
Clinical Research Nurses	298 / 91	3 : 1		16 days
Engineering Project Leads	217 / 84	3 : 1		17 days

Top Specialized Skills

● Frequency in Job Postings   ● Frequency in Profiles
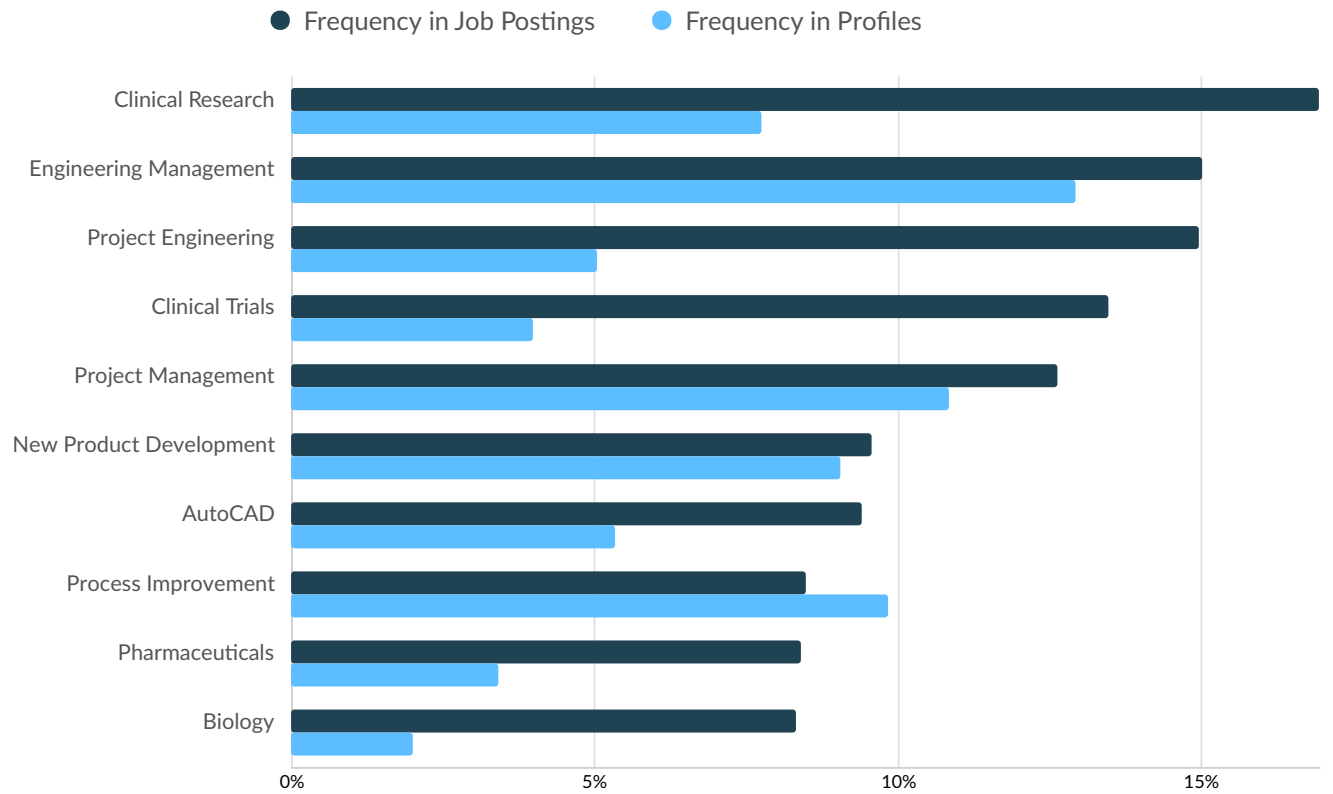
Skills	Postings	% of Total Postings	Profiles	% of Total Profiles
Clinical Research	1,260	17%	566	8%
Engineering Management	1,117	15%	943	13%
Project Engineering	1,112	15%	367	5%
Clinical Trials	1,002	13%	290	4%
Project Management	939	13%	791	11%
New Product Development	712	10%	661	9%
AutoCAD	699	9%	389	5%
Process Improvement	631	8%	717	10%
Pharmaceuticals	624	8%	250	3%
Biology	619	8%	147	2%

Top Common Skills

Legend: ● Frequency in Job Postings ● Frequency in Profiles
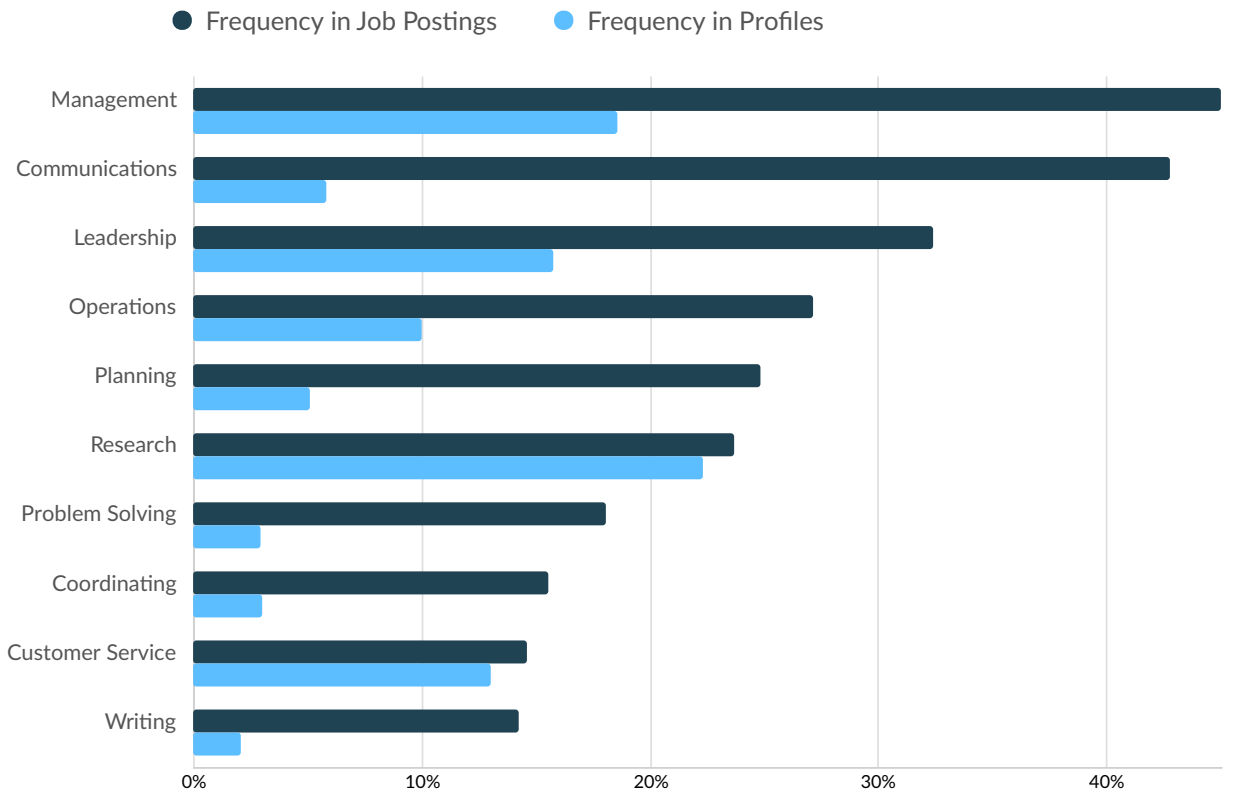
Skills	Postings	% of Total Postings	Profiles	% of Total Profiles
Management	3,350	45%	1,354	19%
Communications	3,183	43%	426	6%
Leadership	2,413	32%	1,151	16%
Operations	2,020	27%	729	10%
Planning	1,850	25%	373	5%
Research	1,764	24%	1,630	22%
Problem Solving	1,346	18%	216	3%
Coordinating	1,156	16%	220	3%
Customer Service	1,087	15%	954	13%
Writing	1,063	14%	150	2%

Top Software Skills

Frequency in Job Postings ● **Frequency in Profiles** ●
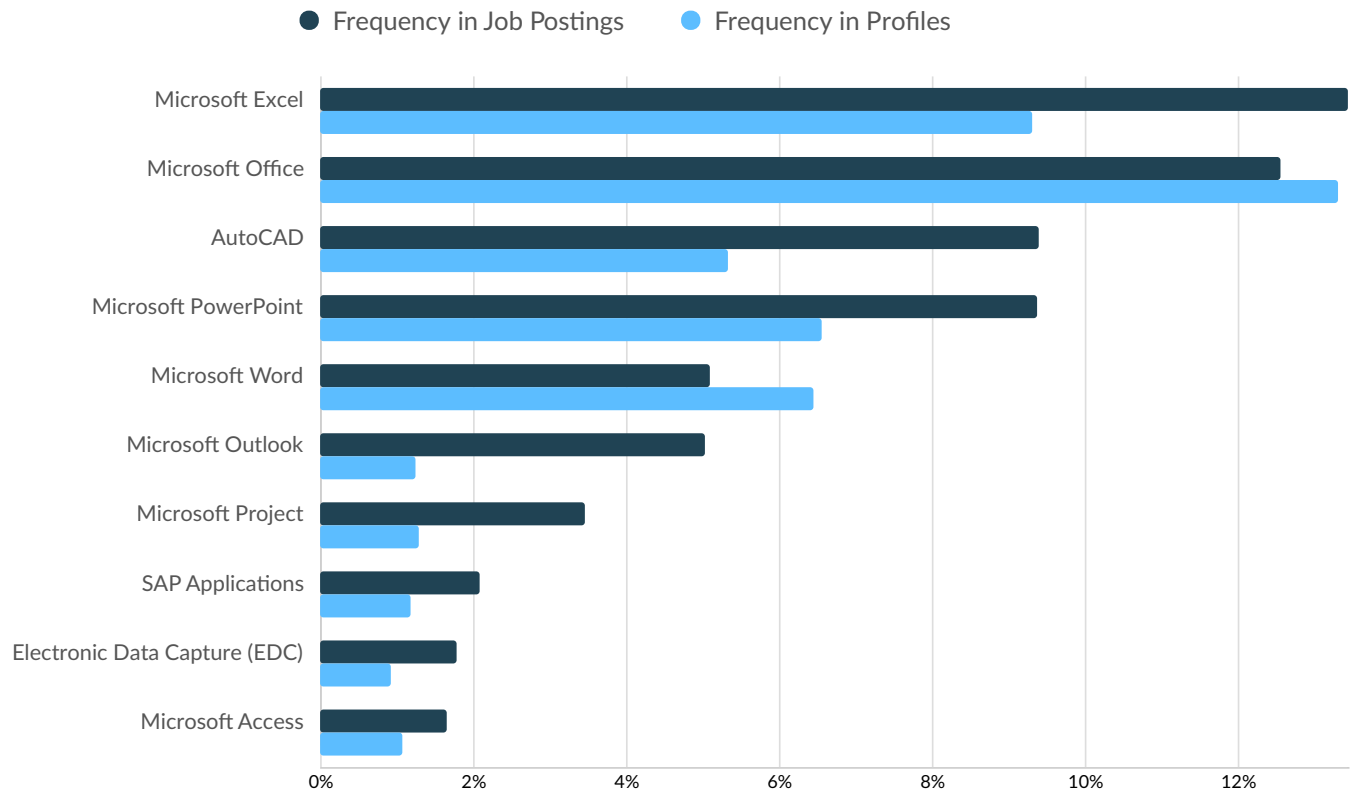
Skills	Postings	% of Total Postings	Profiles	% of Total Profiles
Microsoft Excel	1,000	13%	680	9%
Microsoft Office	935	13%	971	13%
AutoCAD	699	9%	389	5%
Microsoft PowerPoint	697	9%	478	7%
Microsoft Word	379	5%	471	6%
Microsoft Outlook	374	5%	91	1%
Microsoft Project	257	3%	94	1%
SAP Applications	155	2%	87	1%
Electronic Data Capture (EDC)	132	2%	68	1%
Microsoft Access	123	2%	79	1%

Top Qualifications

Qualification	Postings with Qualification
American Society For Clinical Pathology (ASCP) Certification	366
Project Management Professional Certification	250
Professional Engineer	140
Basic Life Support (BLS) Certification	107
Licensed Professional Engineer	99
Six Sigma Certification	91
Security Clearance	88
American Medical Technologists (AMT) Certification	78
Six Sigma Green Belt Certification	51
Secret Clearance	45

Appendix A

Program Selection Details

CIP Code	Program Name
26.0202	Biochemistry

Appendix B - Data Sources and Calculations

Institution Data

The institution data in this report is taken directly from the national IPEDS database published by the U.S. Department of Education's National Center for Education Statistics.

Location Quotient

Location quotient (LQ) is a way of quantifying how concentrated a particular industry, cluster, occupation, or demographic group is in a region as compared to the nation. It can reveal what makes a particular region unique in comparison to the national average.

Occupation Data

Emsi occupation employment data are based on final Emsi industry data and final Emsi staffing patterns. Wage estimates are based on Occupational Employment Statistics (QCEW and Non-QCEW Employees classes of worker) and the American Community Survey (Self-Employed and Extended Proprietors). Occupational wage estimates are also affected by county-level Emsi earnings by industry.

Lightcast Job Postings

Job postings are collected from various sources and processed/enriched to provide information such as standardized company name, occupation, skills, and geography.

State Data Sources

This report uses state data from the following agencies: Kentucky Center for Statistics

Program Overview
Biochemistry

Lightcast Q4 2022 Data Set

January 2023

Kentucky

Parameters

Completions Year: 2021

Jobs Timeframe: 2020 - 2021

Job Postings Timeframe: Jan 2010 - Dec 2022

Programs:

Code	Description
26.0202	Biochemistry

Regions:

Code	Description
31140	Louisville/Jefferson County, KY-IN

Education Level:

Description
Bachelor's degree

Tuition Type: Tuition & Fees

Graduate Status: Undergraduate

Residency: In-State

Program Overview

		Completions (2021)	% Completions	Institutions (2021)	% Institutions
●	All Programs	0	0%	0	0%
●	Distance Offered Programs	0	0%	0	0%
●	Non-Distance Offered Programs	0	0%	0	0%

0
Completions

Market Share by Institution Type

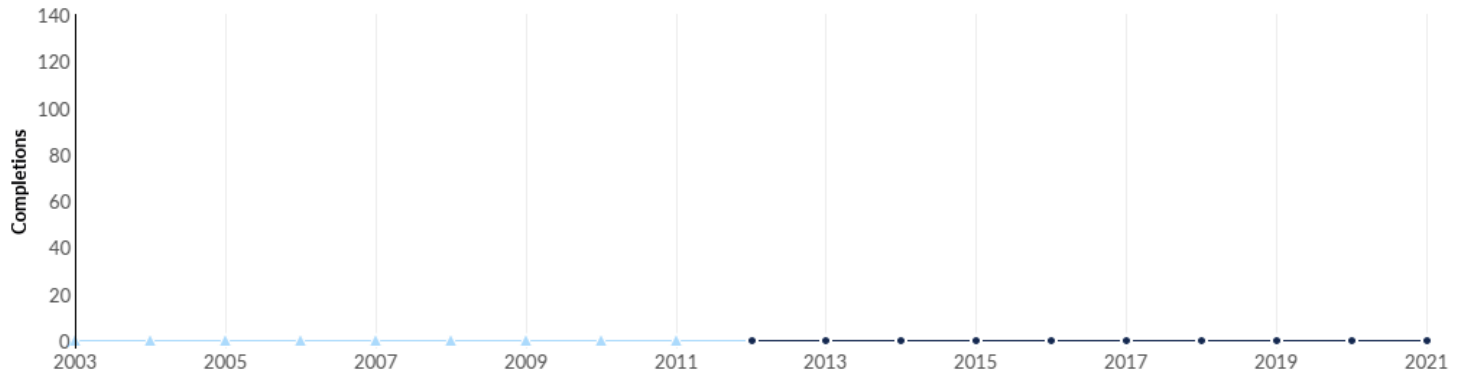There are no regional Completions for your selection.

Market Share by Program

There are no regional Completions for your selection.

Completions by Institution

There are no regional training providers for your selection.

Regional Trends

		2012 Completions	2021 Completions	% Change
●	Distance Offered Programs	0	0	0.0%
■	Non-Distance Offered Programs	0	0	0.0%
▲	All Programs	0	0	0.0%

Regional Completions by Award Level

Not enough data for this chart.

Similar Programs

24	810
Programs (2021)	Completions (2021)

CIP Code	Program	Bachelor's Degree Completions (2021)
26.0101	Biology/Biological Sciences, General	198
14.1901	Mechanical Engineering	111
14.0901	Computer Engineering, General	74
14.0801	Civil Engineering, General	51
14.1001	Electrical and Electronics Engineering	48
14.0701	Chemical Engineering	46
40.0501	Chemistry, General	43
14.0501	Bioengineering and Biomedical Engineering	40
31.0505	Exercise Science and Kinesiology	37
14.3501	Industrial Engineering	36

Target Occupations

Filtered by the proportion of the national workforce in these occupations with a Bachelor's degree

422 Jobs (2020)* 49% *below* National average*	*-1.4%* % Change (2020-2021)* Nation: *-1.5%**	$53.36/hr $111.0K/yr Median Earnings Nation: $59.29/hr; $123.3K/yr	*89* Annual Openings*

Occupation	2020 Jobs*	Annual Openings*	Median Earnings	Growth (2020 - 2021)*	Location Quotient (2020)*
Architectural and Engineering Managers	266	72	$62.95/hr	+10.15%	0.69
Medical Scientists, Except Epidemiologists	53	4	$31.29/hr	-37.74%	0.40
Biological Scientists, All Other	45	5	$31.06/hr	-20.00%	0.50
Biochemists and Biophysicists	26	2	$37.78/hr	-19.23%	0.39
Natural Sciences Managers	21	4	$53.40/hr	0.00%	0.19
Microbiologists	11	2	$30.13/hr	0.00%	0.28

Job Postings Summary

2,946	**3 : 1**	**16 days**
Unique Postings	Posting Intensity	Median Posting Duration
9,468 Total Postings	Regional Average: 4 : 1	Regional Average: 18 days

There were **9,468** total job postings for your selection from January 2010 to December 2022, of which **2,946** were unique. These numbers give us a Posting Intensity of **3-to-1**, meaning that for every 3 postings there is 1 unique job posting.

This is close to the Posting Intensity for all other occupations and companies in the region (4-to-1), indicating that they are putting average effort toward hiring for this position.

Top Companies Posting

Company	Total/Unique (Jan 2010 - Dec 2022)	Posting Intensity	Median Posting Duration
Norton Healthcare	573 / 232	2 : 1	23 days
University of Louisville	705 / 153	5 : 1	16 days
Humana	546 / 149	4 : 1	25 days
Elevance Health	117 / 64	2 : 1	20 days
Jewish Hospital & St. Mary's HealthCare	182 / 61	3 : 1	3 days
Aerotek	155 / 59	3 : 1	11 days
CommonSpirit Health	115 / 44	3 : 1	16 days
UPS	329 / 38	9 : 1	22 days
Baptist Health	103 / 35	3 : 1	14 days
General Electric	218 / 33	7 : 1	26 days

Top Posted Job Titles

Job Title	Total/Unique (Jan 2010 - Dec 2022)	Posting Intensity	Median Posting Duration
Engineering Managers	490 / 207	2 : 1	13 days
Project Engineers	406 / 173	2 : 1	9 days
Clinical Laboratory Scientists	313 / 122	3 : 1	5 days
Clinical Research Coordinators	249 / 84	3 : 1	12 days
Clinical Research Nurses	275 / 81	3 : 1	23 days
Clinical Research Associates	128 / 60	2 : 1	11 days
Engineering Project Leads	130 / 55	2 : 1	15 days
Directors of Engineering	143 / 42	3 : 1	13 days
Chief Engineers	57 / 36	2 : 1	0 days
Clinical Project Managers	59 / 28	2 : 1	10 days

Top Specialized Skills

- ● Frequency in Job Postings
- ● Frequency in Profiles
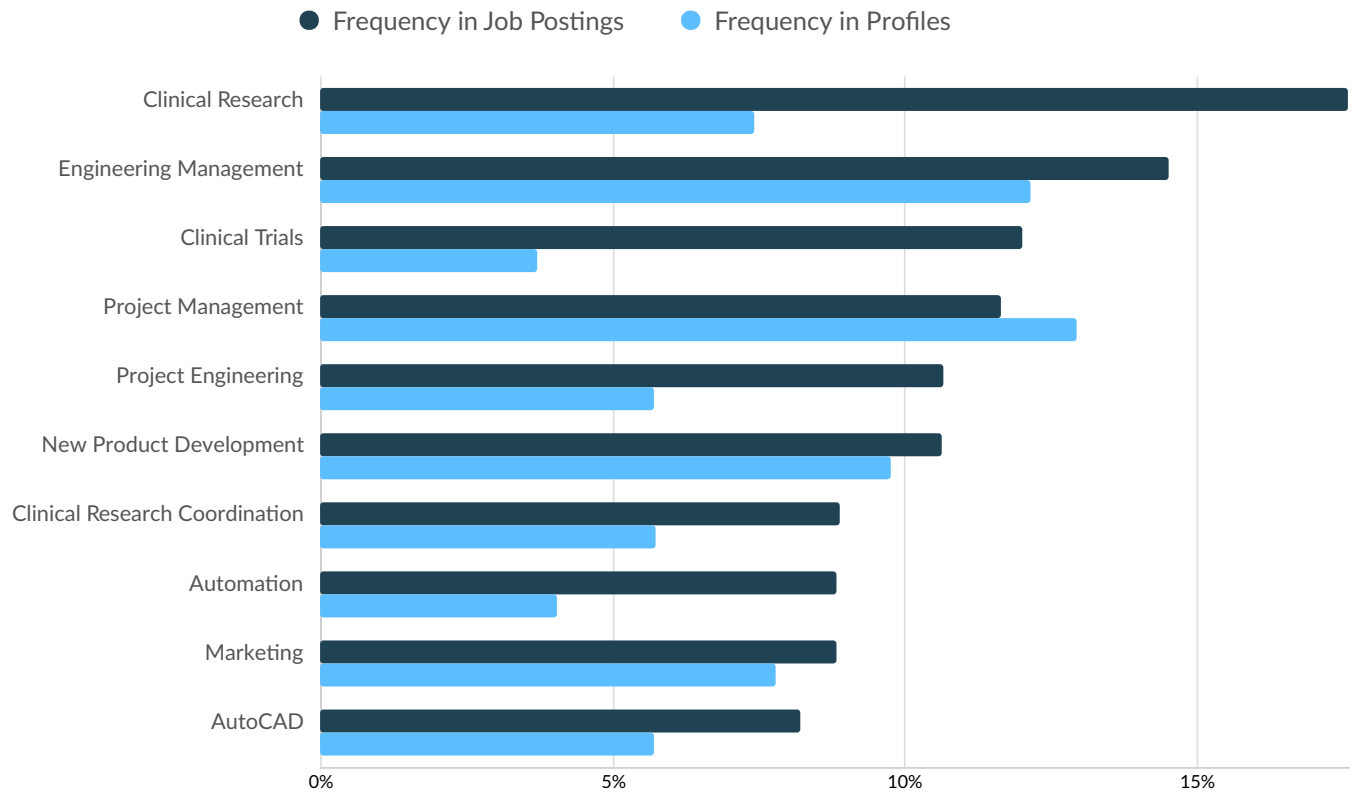
Skills	Postings	% of Total Postings	Profiles	% of Total Profiles
Clinical Research	518	18%	221	7%
Engineering Management	428	15%	362	12%
Clinical Trials	354	12%	111	4%
Project Management	343	12%	386	13%
Project Engineering	314	11%	170	6%
New Product Development	313	11%	291	10%
Clinical Research Coordination	262	9%	171	6%
Automation	260	9%	121	4%
Marketing	260	9%	232	8%
AutoCAD	242	8%	170	6%

Top Common Skills

Legend: ● Frequency in Job Postings ● Frequency in Profiles
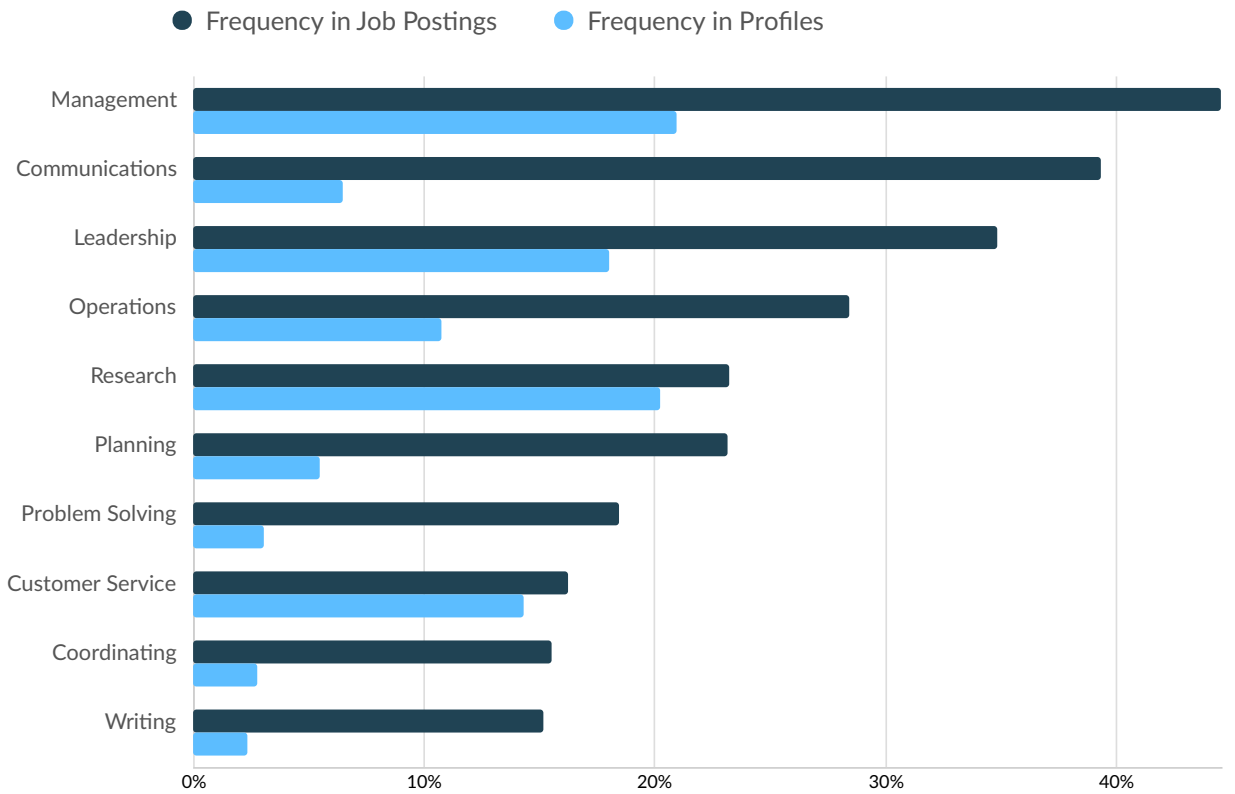
Skills	Postings	% of Total Postings	Profiles	% of Total Profiles
Management	1,313	45%	624	21%
Communications	1,160	39%	194	7%
Leadership	1,027	35%	538	18%
Operations	838	28%	320	11%
Research	685	23%	603	20%
Planning	683	23%	163	5%
Problem Solving	544	18%	92	3%
Customer Service	480	16%	427	14%
Coordinating	457	16%	82	3%
Writing	447	15%	71	2%

Top Software Skills

Legend: ● Frequency in Job Postings ● Frequency in Profiles
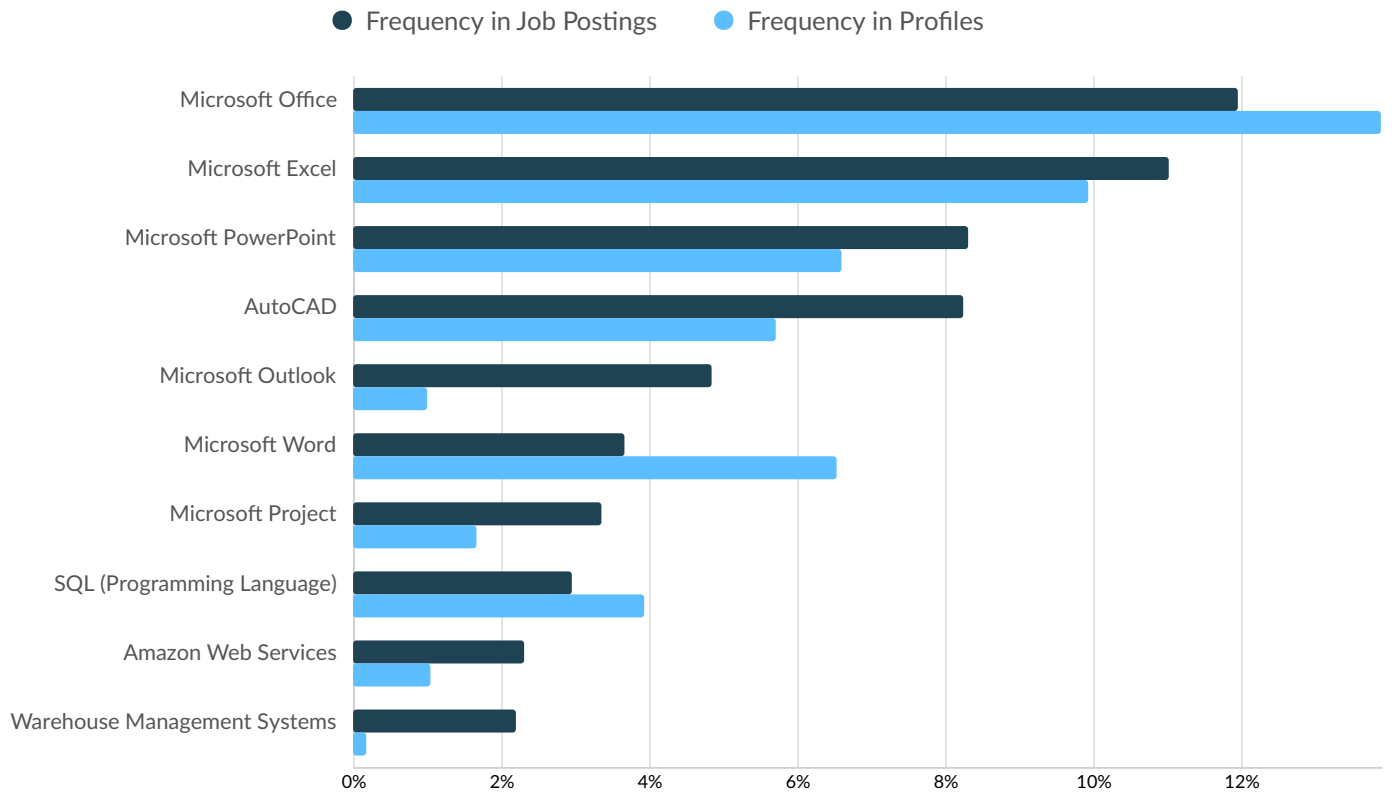
Skills	Postings	% of Total Postings	Profiles	% of Total Profiles
Microsoft Office	352	12%	414	14%
Microsoft Excel	325	11%	296	10%
Microsoft PowerPoint	245	8%	197	7%
AutoCAD	243	8%	170	6%
Microsoft Outlook	143	5%	30	1%
Microsoft Word	108	4%	195	7%
Microsoft Project	99	3%	50	2%
SQL (Programming Language)	87	3%	117	4%
Amazon Web Services	68	2%	31	1%
Warehouse Management Systems	65	2%	5	0%

Top Qualifications

Qualification	Postings with Qualification
American Society For Clinical Pathology (ASCP) Certification	157
Project Management Professional Certification	115
Professional Engineer	84
Six Sigma Certification	60
Licensed Professional Engineer	51
Six Sigma Green Belt Certification	25
Basic Life Support (BLS) Certification	22
LEED Accredited Professional (AP)	21
Medical Laboratory Technician (MLT-ASCP)	19
Cisco Certified Network Associate	17

Appendix A

Program Selection Details

CIP Code	Program Name
26.0202	Biochemistry

Appendix B - Data Sources and Calculations

Institution Data

The institution data in this report is taken directly from the national IPEDS database published by the U.S. Department of Education's National Center for Education Statistics.

Location Quotient

Location quotient (LQ) is a way of quantifying how concentrated a particular industry, cluster, occupation, or demographic group is in a region as compared to the nation. It can reveal what makes a particular region unique in comparison to the national average.

Occupation Data

Emsi occupation employment data are based on final Emsi industry data and final Emsi staffing patterns. Wage estimates are based on Occupational Employment Statistics (QCEW and Non-QCEW Employees classes of worker) and the American Community Survey (Self-Employed and Extended Proprietors). Occupational wage estimates are also affected by county-level Emsi earnings by industry.

Lightcast Job Postings

Job postings are collected from various sources and processed/enriched to provide information such as standardized company name, occupation, skills, and geography.

State Data Sources

This report uses state data from the following agencies: Indiana Department of Workforce Development; Kentucky Center for Statistics

Program Overview

Biochemistry

Lightcast Q4 2022 Data Set

January 2023

Kentucky

Parameters

Completions Year: 2021

Jobs Timeframe: 2020 - 2021

Job Postings Timeframe: Jan 2010 - Dec 2022

Programs:

Code	Description
26.0202	Biochemistry

Regions:

Code	Description
0	United States

Education Level:

Description
Bachelor's degree

Tuition Type: Tuition & Fees

Graduate Status: Undergraduate

Residency: In-State

527	9,605	Completions Distribution
Institutions	**Completions**	Average: 18.2
8% Growth (2017-2021)	6% Growth (2017-2021)	1 ├─┤ 296
		Median: 9

Program Overview

		Completions (2021)	% Completions	Institutions (2021)	% Institutions
●	All Programs	9,605	100%	527	100%
●	Distance Offered Programs	94	1%	6	1%
●	Non-Distance Offered Programs	9,511	99%	521	99%

9,605
Completions

Market Share by Institution Type
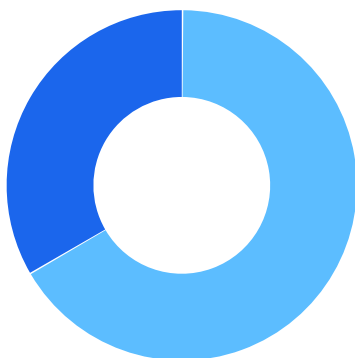
	Institution Type	Completions (2021)	Market Share
●	Public, 4-year or above	6,391	66.5%
●	Private not-for-profit, 4-year or above	3,214	33.5%

Market Share by Program
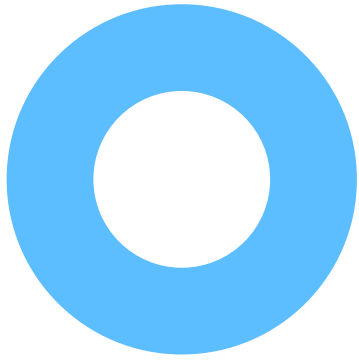
	Program	Completions (2021)	Market Share
●	Biochemistry (26.0202)	9,605	100.0%

Completions by Institution

Institution	Bachelor's Degree Completions (2021)	Growth % YOY (2021)	Market Share (2021)	IPEDS Tuition & Fees (2021)	Completions Trend (2017-2021)
The University of Texas at Austin	296	5.7%	3.1%	$11,752	
University of California-San Diego	285	-10.1%	3.0%	$14,700	
University of Washington-Seattle Campus	281	-12.2%	2.9%	$12,076	
University of California-Los Angeles	220	-2.2%	2.3%	$13,258	
Arizona State University Campus Immersion	200	-3.4%	2.1%	$11,348	
University of Wisconsin-Madison	195	3.7%	2.0%	$10,720	
University of California-Riverside	180	48.8%	1.9%	$13,754	
The Pennsylvania State University	134	30.1%	1.4%	$15,890	
Stony Brook University	111	3.7%	1.2%	$10,455	
Virginia Polytechnic Institute and State University	111	-11.2%	1.2%	$14,174	

Regional Trends
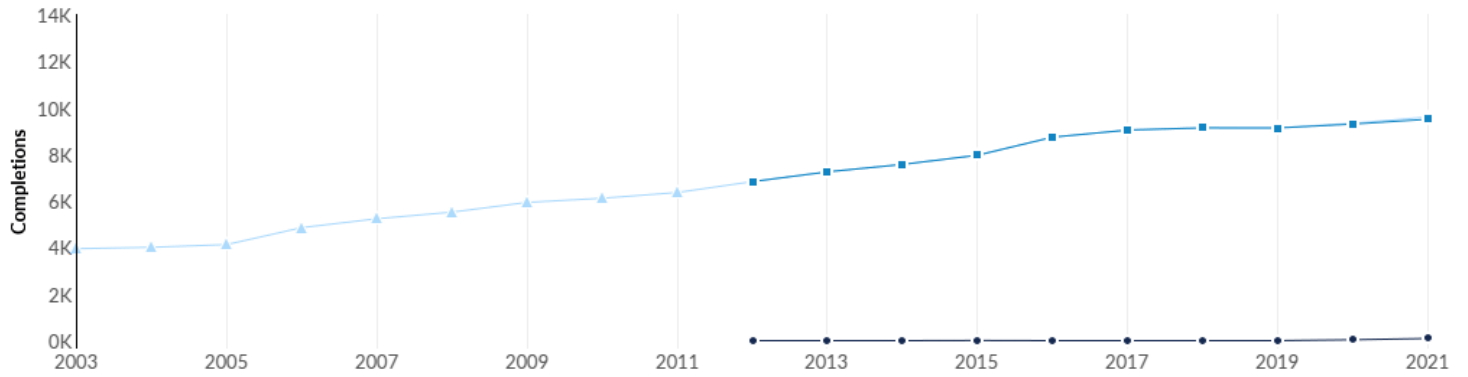
		2012 Completions	2021 Completions	% Change
●	Distance Offered Programs	0	94	Insf. Data
■	Non-Distance Offered Programs	6,831	9,511	+39.2%
▲	All Programs	6,831	9,605	+40.6%

Regional Completions by Award Level

	Award Level	Completions (2021)	Percent	
●	Bachelor's Degree	9,605	100.0%	

Similar Programs

231		**401,321**
Programs (2021)		Completions (2021)

CIP Code	Program	Bachelor's Degree Completions (2021)
26.0101	Biology/Biological Sciences, General	81,399
14.1901	Mechanical Engineering	36,502
31.0505	Exercise Science and Kinesiology	27,072
27.0101	Mathematics, General	21,022
14.1001	Electrical and Electronics Engineering	16,935
14.0801	Civil Engineering, General	14,893
40.0501	Chemistry, General	13,856
14.0901	Computer Engineering, General	10,119
14.0701	Chemical Engineering	9,882
11.0401	Information Science/Studies	9,705

Target Occupations

Filtered by the proportion of the national workforce in these occupations with a Bachelor's degree

201,465	-1.5%	$59.29/hr $123.3K/yr	28,126
Jobs (2020)*	% Change (2020-2021)*	Median Earnings	Annual Openings*

Occupation	2020 Jobs*	Annual Openings*	Median Earnings	Growth (2020 - 2021)*
Architectural and Engineering Managers	93,550	9,085	$73.22/hr	-3.00%
Medical Scientists, Except Epidemiologists	32,197	3,177	$45.76/hr	-11.84%
Natural Sciences Managers	27,544	3,988	$66.30/hr	-1.59%
Biological Scientists, All Other	21,723	5,609	$39.62/hr	+11.59%
Biochemists and Biophysicists	16,365	4,231	$49.08/hr	+9.98%
Microbiologists	10,086	2,035	$38.06/hr	-0.22%

Job Postings Summary

1.27M	3 : 1	18 days
Unique Postings 3.73M Total Postings	Posting Intensity Regional Average: 3 : 1	Median Posting Duration Regional Average: 18 days

There were **3.73M** total job postings for your selection from January 2010 to December 2022, of which **1.27M** were unique. These numbers give us a Posting Intensity of **3-to-1**, meaning that for every 3 postings there is 1 unique job posting.

This is close to the Posting Intensity for all other occupations and companies in the region (3-to-1), indicating that they are putting average effort toward hiring for this position.

Top Companies Posting

Company	Total/Unique (Jan 2010 - Dec 2022)	Posting Intensity		Median Posting Duration
Kelly Services	32,317 / 14,716	2 : 1		11 days
Labcorp Drug Development	36,154 / 13,833	3 : 1		20 days
Aerotek	25,536 / 9,819	3 : 1		2 days
Randstad	21,915 / 9,562	2 : 1		23 days
Johnson & Johnson	33,461 / 9,156	4 : 1		22 days
Pfizer	26,802 / 8,780	3 : 1		15 days
IQVIA	15,706 / 8,778	2 : 1		27 days
CyberCoders	32,868 / 7,192	5 : 1		23 days
Icon Medical Imaging	15,506 / 7,043	2 : 1		22 days
Northrop Grumman	36,725 / 6,915	5 : 1		21 days

Top Posted Job Titles

Job Title	Total/Unique (Jan 2010 - Dec 2022)	Posting Intensity		Median Posting Duration
Project Engineers	160,865 / 60,560	3 : 1		14 days
Engineering Managers	146,757 / 56,199	3 : 1		16 days
Clinical Research Associates	120,484 / 44,298	3 : 1		16 days
Clinical Research Coordinators	179,495 / 39,512	5 : 1		21 days
Clinical Laboratory Scientists	138,430 / 37,431	4 : 1		20 days
Medical Laboratory Scientists	91,781 / 21,986	4 : 1		23 days
Microbiologists	56,364 / 20,848	3 : 1		15 days
Directors of Engineering	43,586 / 18,069	2 : 1		17 days
Associate Scientists	46,671 / 15,735	3 : 1		19 days
Clinical Trial Managers	36,556 / 15,125	2 : 1		24 days

Top Specialized Skills

Legend: ● Frequency in Job Postings ● Frequency in Profiles
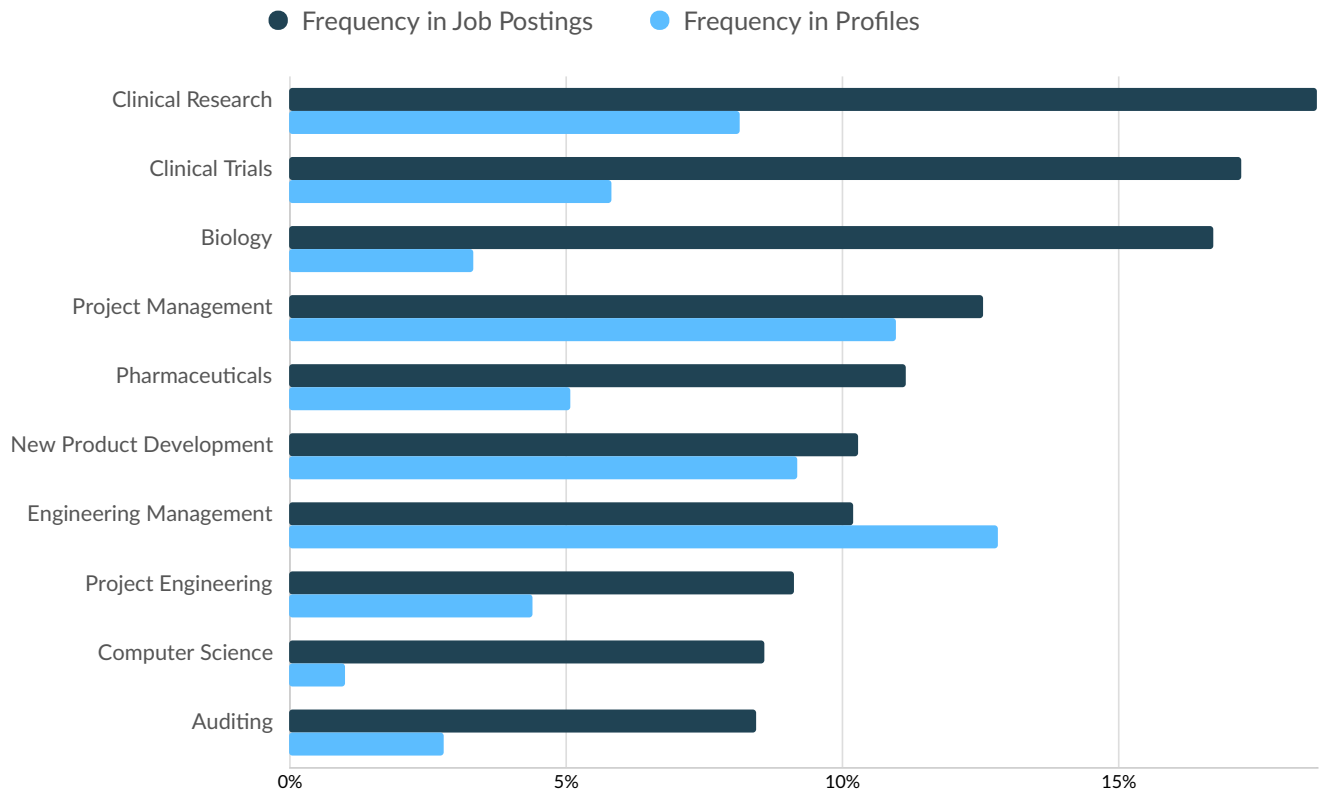
Skills	Postings	% of Total Postings	Profiles	% of Total Profiles
Clinical Research	236,896	19%	85,144	8%
Clinical Trials	219,549	17%	60,932	6%
Biology	213,054	17%	34,738	3%
Project Management	159,951	13%	114,737	11%
Pharmaceuticals	142,056	11%	53,115	5%
New Product Development	131,088	10%	96,082	9%
Engineering Management	129,984	10%	133,745	13%
Project Engineering	116,229	9%	45,898	4%
Computer Science	109,658	9%	10,665	1%
Auditing	107,608	8%	29,298	3%

Top Common Skills

● Frequency in Job Postings ● Frequency in Profiles
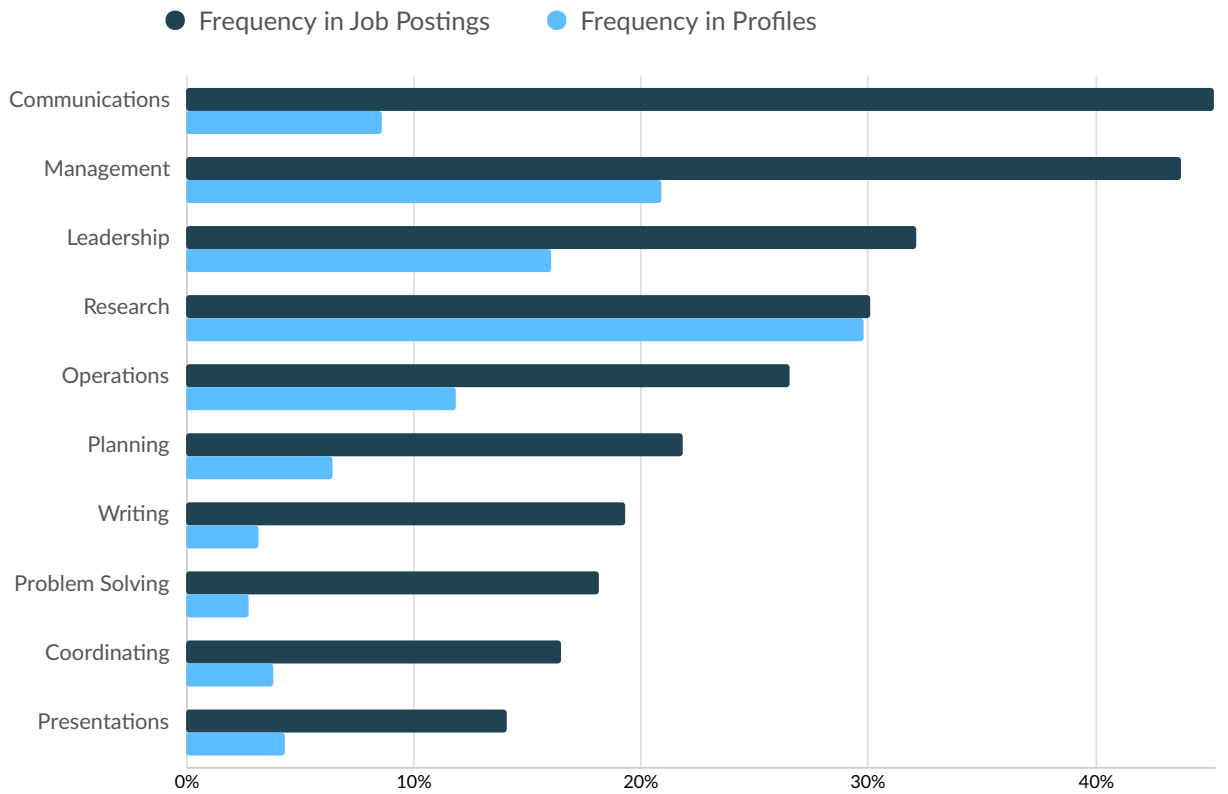
Skills	Postings	% of Total Postings	Profiles	% of Total Profiles
Communications	576,755	45%	89,821	9%
Management	558,683	44%	218,286	21%
Leadership	409,911	32%	167,559	16%
Research	383,774	30%	311,288	30%
Operations	338,497	27%	124,085	12%
Planning	278,630	22%	67,100	6%
Writing	246,227	19%	33,420	3%
Problem Solving	231,402	18%	29,009	3%
Coordinating	210,109	16%	39,804	4%
Presentations	179,567	14%	45,629	4%

Top Software Skills

Legend: ● Frequency in Job Postings ● Frequency in Profiles
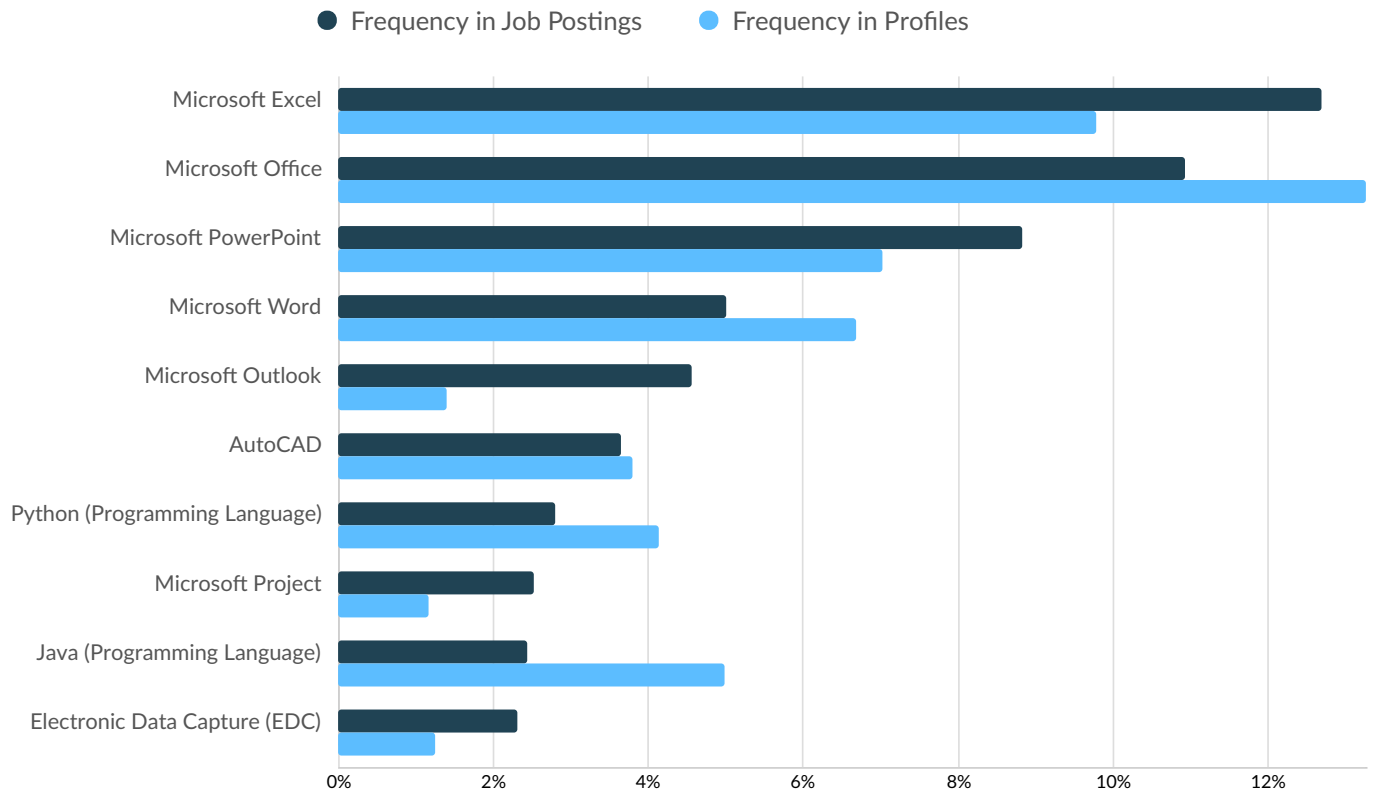
Skills	Postings	% of Total Postings	Profiles	% of Total Profiles
Microsoft Excel	162,034	13%	102,192	10%
Microsoft Office	139,427	11%	138,684	13%
Microsoft PowerPoint	112,585	9%	73,464	7%
Microsoft Word	63,828	5%	69,794	7%
Microsoft Outlook	58,280	5%	14,701	1%
AutoCAD	46,583	4%	39,675	4%
Python (Programming Language)	35,725	3%	43,334	4%
Microsoft Project	32,318	3%	12,172	1%
Java (Programming Language)	31,194	2%	52,099	5%
Electronic Data Capture (EDC)	29,503	2%	13,020	1%

Top Qualifications

Qualification	Postings with Qualification
American Society For Clinical Pathology (ASCP) Certification	44,004
Project Management Professional Certification	34,135
Security Clearance	30,003
Professional Engineer	26,859
Secret Clearance	15,952
American Medical Technologists (AMT) Certification	15,313
Licensed Professional Engineer	15,230
Top Secret-Sensitive Compartmented Information (TS/SCI Clearance)	13,454
Basic Life Support (BLS) Certification	10,390
Licensed Practical Nurse	8,042

Appendix A

Program Selection Details

CIP Code	Program Name
26.0202	Biochemistry

Appendix B - Data Sources and Calculations

Institution Data

The institution data in this report is taken directly from the national IPEDS database published by the U.S. Department of Education's National Center for Education Statistics.

Occupation Data

Emsi occupation employment data are based on final Emsi industry data and final Emsi staffing patterns. Wage estimates are based on Occupational Employment Statistics (QCEW and Non-QCEW Employees classes of worker) and the American Community Survey (Self-Employed and Extended Proprietors). Occupational wage estimates are also affected by county-level Emsi earnings by industry.

Lightcast Job Postings

Job postings are collected from various sources and processed/enriched to provide information such as standardized company name, occupation, skills, and geography.

State Data Sources

This report uses state data from the following agencies: Alabama Department of Labor; Alaska Department of Labor and Workforce Development; Arizona Commerce Authority; Arkansas Division of Workforce Services; California Employment Development Department; Colorado Department of Labor and Employment; Connecticut Department of Labor; Delaware Office of Occupational and Labor Market Information; District of Columbia Department of Employment Services; Florida Department of Economic Opportunity; Georgia Labor Market Explorer; Hawaii Workforce Infonet; Idaho Department of Labor; Illinois Department of Employment Security; Indiana Department of Workforce Development; Iowa Workforce Development; Kansas Department of Labor; Kentucky Center for Statistics; Louisiana Workforce Commission; Maine Department of Labor; Maryland Department of Labor; Commonwealth of Massachusetts, Mass.gov; Michigan Department of Technology, Management and Budget; Minnesota Department of Employment and Economic Development; Mississippi Department of Employment Security; Missouri Economic Research and Information Center; Montana Department of Labor and Industry; Nebraska Department of Labor, NEworks; Nevada Department of Employment, Training and Rehabilitation; New Hampshire Employment Security; New Jersey Department of Labor and Workforce Development; New Mexico Department of Workforce Solutions; New York Department of Labor; North Carolina Department of Commerce; North Dakota Job Service; Ohio Department of Job and Family Services; Oklahoma Employment Security Commission; Oregon Employment Department; Pennsylvania Department of Labor and Industry, Center for Workforce Information and Analysis; Rhode Island Department of Labor and Training; South Carolina Department of Employment and Workforce; South Dakota Department of Labor and Regulation; Tennessee Department of Labor & Workforce Development; Texas Workforce Commission; Utah Department of Workforce Services; Vermont Department of Labor; Virginia Employment Commission; Washington State Employment Security Department; West Virginia Department of Commerce; Wisconsin Department of Workforce Development; Wyoming Department of Workforce Services