

The Structure of Undergraduate Post-Secondary Completions in the Greater Long Beach Area

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Introduction

Each year the National Center for Education Statistics (NCES) of the U.S. Department of Education collects a wide range of data from every post-secondary educational institution in the nation that participates in any federal student financial aid programs. Data on college enrollment, completions, graduation rates, staffing, college costs, prices, and finances are reported by colleges and universities across the nation. The Integrated Post-Secondary Education Data System (IPEDS) data collection method used to measure this array of post-secondary access and outcomes measures is composed of a set of standardized reporting materials that include well- defined concepts and measures that are used by colleges to prepare their IPEDS submissions to NCES.

One of the major data elements collected by the IPEDS program is information on post- secondary degrees and certificates awarded by colleges and universities across the U.S. each year. In effect, IPEDS ‘completions’ serve as a census of all post-secondary awards granted in the nation each year. IPEDS not only counts the total number of degrees and awards granted by each college and university in the nation, but also captures information about the type (degree or certificate) and level (associate’s, bachelor’s, and so on) of the degree.

Among the most important features of IPEDS completion data from the perspective of understanding labor supply responses to changing labor demand conditions is that the data on completions is also reported by major field of study for each award type and level. College and university catalogues vary markedly in the way they label and characterize a major field or course of study. In order to better achieve comparability in reporting college completion awards by field of study, the IPEDS completion reporting system requires colleges to report completions using the Classification of Instructional Programs (CIP). The CIP system is a hierarchical taxonomy of major fields of instruction that includes specific descriptive definitions for hundreds of fields and serves as a standard by which data are both reported and analyzed.

Completions data organized by the CIP structure can be connected to O*NET occupational data that describe the ability, knowledge, skill, and behavioral proficiency requirements of the range of occupations found in the American economy. Indeed, analysts

have successfully used demand side payroll employment data derived from the U.S. Bureau of Labor Statistics business establishment surveys (including the Current Employment Statistics Survey, the Quarterly Census of Employment and Wages, and the Occupational Employment Statistics Survey programs) to measure institutional supply response to changing labor market demand conditions in specific industry-occupational/major field of study labor market segments.

The Level and Sector Structure of Post-Secondary Completions in Greater Long Beach

The Greater Long Beach region’s post-secondary system is large and robust at the undergraduate level which is composed of a mix of public and private for-profit and nonprofit institutions in the region. Private schools granted almost 5,600 degrees and certificates during 2016, equal to just over one quarter of all awards granted by institutions located in the area. The five public colleges offering programs in the region granted over 15,100 degrees and

Table 1:
The Distribution of Degree and Certificate Awards from Post-Secondary Educational Institutions Located in Greater Long Beach, 2016

	Private		Public		Total	
	Completions	Percent	Completions	Percent	Completions	Percent
Less than 1-year Certificate	553	10%	996	7%	1549	7%
1-2 Year	2122	38%	692	5%	2814	14%
Associates	313	6%	3835	25%	4148	20%
2-4 Year Cert	55	1%	92	1%	147	1%
Bachelor's	1147	21%	7780	51%	8927	43%
Master's	1304	23%	1735	11%	3039	15%
Post Master's	34	1%	0	0%	34	0%
Doctors	45	1%	36	0%	81	0%
Total	5573	100%	15166	100%	20739	100%

Source: Integrated Post-Secondary Data System, National Center for Education Statistics

certificates during 2016. Bachelor’s degrees accounted for 8,900 awards during 2016, 43 percent of the total. Areas colleges granted 4,100 associate degree (20 percent of all awards) and master’s degrees accounted for about 15 percent of all awards. The overwhelming share of these degrees were granted by area public colleges. Local post-secondary institutions awarded

4,500 certificates from programs of varying durations accounting for 22 percent of total awards in the area.

Private post-secondary institutions, especially those in the private for-profit sector, were primarily engaged in awarding certificates in specialty areas. About one-half of private post-secondary awards were at the certificate level, with most of these certificates in programs one-to two-years in duration. Private colleges were unlikely to award an associate's degree, with just 6 percent of all private sector awards granted in Greater Long Beach at that degree level. Private college degree awards are more concentrated at the bachelor's and master's degree levels. About 23 percent of all private sector awards were at the master's level, while bachelor's degrees accounted for 21 percent of all awards by private colleges.

Public colleges, although small in number, (there are just five: El Camino College-Compton Center, Cypress College, Los Angeles Harbor College, Long Beach City College, and California State University-Long Beach) accounted for 75 percent of all post-secondary awards in the Greater Long Beach region. Public colleges were much more likely to grant degree awards than their private counterparts. Of the 15,000 plus awards granted by public colleges and universities in 2016, less than 15 percent were certificate level awards.

The public institutions in the region are composed largely of two-year colleges offering certificates and associate's degrees, in addition to Cal State Long Beach, which grants substantial numbers of degrees awards at the associate's, bachelor's, and master's degree level. We found that local public institutions awarded a total of 3,800 associate's degrees during 2016, accounting for one-quarter of all public college and university awards. A total of 7,800 bachelor's degree awards were granted during 2016, accounting for about one-half of all public sector awards. At the Master's degree level, a total about 1,700 degrees were awarded during 2016, accounting for about 11 percent of all public sector awards in that year.

The Program of Study Structure of Degree and Certificate Completions in Greater Long Beach

Less than one-year certificate programs are short duration awards programs organized by federal and state recognized post-secondary educational institutions. In the case of Greater Long Beach, as we mentioned above, a considerable share of these awards are granted by private institutions. Individual programs of study are often themselves high turnover in nature. That is,

post-secondary institutions frequently alter their mix of programs depending in part on local demand for certificates in various specialized areas. Often schools start-up and shut-down programs as student demand changes. Since the start up and shut down costs of many certificates are quite modest, institutions have a high degree of flexibility in changing certificate offerings and so are able to quickly respond to change in market conditions. The data in Table 1 include a substantial number of programs of study with zero completions. These represent fields in which an award had been offered in the previous six year and are thus indicative of the high pace of change in the program mix at this level.

The short-term certificate awards in Greater Long Beach are heavily concentrated in the health fields, most commonly in nurse assistant and home health aide occupations. About four in ten certificate awards were in the health support fields of study. Business programs, largely focused on clerical and office skills development, accounted for about 12 percent of awards. Short term awards in mechanic and repair technologies, which can run a gamut of training activities such as small engine repair, auto maintenance, and some machine trades, accounted for 11 percent of all completions. Engineering technologies and computer and information tech together accounted for about 10 percent of short-term program certificate awards

The Greater Long Beach post-secondary institutions gave a surprising large number of one- to two-year certificate awards during 2016. More than one-half of all these awards were in health-related fields. At this level, this means awards to students were in programs such as licensed practical nurse, licensed vocational nurse, occupational and physical therapy assistants, medical assistants, and pharmaceutical assistants to name a few health specialty areas.

The one- to two-year certificate program mix has a substantial number of completions in areas that may lead to employment in skilled and semi-skilled blue-collar occupations. Almost one in five one- to two-year certificate awards in the region were in either construction trades or mechanic/repair technologies. A surprising number (250) of one- to two-year certificate awards were granted in liberal arts. This may be the product of an increasingly popular strategy of “stackable credential” awards that provide a credential as part of a pathway to a higher certificate or degree award.

Table 2:
Distribution of Less than One Year Certificate Awards,
by Program of Study in Greater Long Beach

Major Name	2016	Percent Distribution
Agriculture, Agriculture Operations, and Related Sciences	1	0%
Architecture and related services	0	0%
Area, Ethnic, Cultural, and Gender Studies		0%
Communications, Journalism and Related Services	0	0%
Communications	23	2%
Computer and Information Sciences and Support Services	63	4%
Personal and Culinary Services	62	4%
Education	1	0%
Engineering Technologies/Technicians	90	6%
Foreign Languages	5	0%
Family and Consumer Sciences/Human Sciences	160	11%
Legal Professions and Studies	4	0%
Liberal Arts and Sciences, General Studies and Humanities	0	0%
Library Science	4	0%
Multi/Interdisciplinary Studies		0%
Parks, Recreation, Leisure and Fitness Studies	8	1%
Philosophy and Religious Studies		0%
Physical Sciences	0	0%
Psychology		0%
Security and Protective Services	27	2%
Public Administration and Social Service Professions	16	1%
Social Sciences	0	0%
Construction Trades	0	0%
Mechanic and Repair Technologies/Technicians	173	11%
Precision Production	6	0%
Transportation and Materials Moving	64	4%
Visual and Performing Arts	14	1%
Health Professions and Related Clinical Sciences	619	41%
Business, Management, Marketing, and Related Support Services	180	12%
Total	1520	100%

Source: Integrated Post-Secondary Data System, National Center for Education Statistics

Table 3:
Distribution of One- to Two-Year Certificate Awards,
by Program of Study in Greater Long Beach

Major Name	2016	Percent Distribution
Agriculture, Agriculture Operations, and Related Sciences	2	0%
Architecture and related services	10	0%
Area, Ethnic, Cultural, and Gender Studies		0%
Communications, Journalism and Related Services	8	0%
Communications	10	0%
Computer and Information Sciences and Support Services	37	1%
Personal and Culinary Services	111	4%
Education		0%
Engineering	0	0%
Engineering Technologies/Technicians	90	3%
Foreign Languages	2	0%
Family and Consumer Sciences/Human Sciences	6	0%
Legal Professions and Studies	1	0%
Liberal Arts and Sciences, General Studies and Humanities	250	9%
Library Science		0%
Mathematics and Statistics	0	0%
Multi/Interdisciplinary Studies		0%
Parks, Recreation, Leisure and Fitness Studies	23	1%
Philosophy and Religious Studies		0%
Physical Sciences		0%
Psychology		0%
Security and Protective Services	69	2%
Public Administration and Social Service Professions	14	0%
Social Sciences	6	0%
Construction Trades	374	13%
Mechanic and Repair Technologies/Technicians	182	6%
Precision Production	9	0%
Transportation and Materials Moving	2	0%
Visual and Performing Arts	6	0%
Health Professions and Related Clinical Sciences	1526	54%
Business, Management, Marketing, and Related Support Services	76	3%
Total	2814	100%

Source: Integrated Post-Secondary Data System, National Center for Education Statistics

Associate's degree awards are largely awarded by the five public colleges and universities in the Greater Long Beach region. A substantial portion of those awards are granted in liberal arts, social sciences, and humanities. About one-half of all associate's degree awards in the region are in these generalist fields of study and students completing degrees in these fields often have ambitions to continue their education at a four-year college. With respect to occupational preparation, the healthcare fields are the dominant area of degree award. About one in six associate's degree awards are granted in health fields, often in nursing and related occupational specialties. More than 500 business and management degrees were awarded at the associate's degree level during 2016, accounting for about one in seven degree awards. Culinary programs awarded a total of 104 degrees. Very few associate degree awards were granted in any of the blue collar skilled or semi-skilled areas. Engineering and computer science technology fields associate degree awards were granted to just 55 students, about 1 percent of all degree awards during 2016.

A total of more than 8,900 bachelor's degrees were awarded by colleges and universities located in the Greater Long Beach area. Most of these degrees were awarded by Cal State-Long Beach. About 3,800 of these awards were in the liberal arts, social sciences, and humanities fields, accounting for nearly four in ten bachelor's degree awards in the region. Business, management, marketing and support services programs had 1,700 awards during 2016 - about one-fifth of the region's total bachelor's degree awards. Health professions, including bachelor's programs in nursing, awards were granted to more than 1,100 students or about 13 percent of all awards.

In the mathematics-oriented fields, we found that about 760 engineering and engineering technology bachelor's awards were granted in 2016 by Greater Long Beach colleges and universities. Computer science degree awards were granted to 220 students representing about 2 percent of all degree awards. Only a small number of bachelor's degrees were awarded in mathematics and the physical sciences. A total of just over 100 degrees in math and the physical sciences bachelor's degrees were awarded during 2016 by local colleges and universities—just 1 percent of the total of all bachelor's degree awards.

Table 4:
Distribution of Associate's Degree Awards,
by Program of Study in Greater Long Beach

Major Name	2016	Percent Distribution
Agriculture, Agriculture Operations, and Related Sciences	4	0%
Architecture and related services	12	0%
Area, Ethnic, Cultural, and Gender Studies	1	0%
Communications, Journalism and Related Services	161	4%
Communications	8	0%
Computer and Information Sciences and Support Services	33	1%
Personal and Culinary Services	104	3%
Education	20	1%
Engineering	2	0%
Engineering Technologies/Technicians	22	1%
Foreign Languages	12	0%
Family and Consumer Sciences/Human Sciences	60	2%
Legal Professions and Studies	50	1%
English Language and Literature/Letters	33	1%
Liberal Arts and Sciences, General Studies and Humanities	907	23%
Library Science	2	0%
Biological and Biomedical Sciences	67	2%
Mathematics and Statistics	69	2%
Multi/Interdisciplinary Studies	291	7%
Parks, Recreation, Leisure and Fitness Studies	54	1%
Philosophy and Religious Studies	3	0%
Physical Sciences	54	1%
Psychology	251	6%
Security and Protective Services	99	3%
Public Administration and Social Service Professions	22	1%
Social Sciences	262	7%
Construction Trades	1	0%
Mechanic and Repair Technologies/Technicians	33	1%
Precision Production	5	0%
Transportation and Materials Moving	14	0%
Visual and Performing Arts	65	2%
Health Professions and Related Clinical Sciences	653	17%
Business, Management, Marketing, and Related Support Services	528	13%
History	47	1%
Total	3949	100%

Source: Integrated Post-Secondary Data System, National Center for Education Statistics

Table 5:
Distribution of Bachelor's Degree Awards,
by Program of Study in Greater Long Beach

Major Name	2016	Percent Distribution
Natural Resources and Conservation	61	1%
Area, Ethnic, Cultural, and Gender Studies	100	1%
Communications, Journalism and Related Services	574	6%
Communications	0	0%
Computer and Information Sciences and Support Services	222	2%
Education	12	0%
Engineering	679	8%
Engineering Technologies/Technicians	83	1%
Foreign Languages, Literatures and Linguistics	100	1%
Family and Consumer Sciences/Human Sciences	579	7%
English Language and Literature/Letters	258	3%
Liberal Arts and Sciences, General Studies and Humanities	157	2%
Biological and Biomedical Sciences	293	3%
Mathematics and Statistics	50	1%
Multi/Interdisciplinary Studies	41	0%
Parks, Recreation, Leisure and Fitness Studies	314	4%
Philosophy and Religious Studies	33	0%
Theology and Religious Vocations	8	0%
Physical Sciences	69	1%
Psychology	443	5%
Security and Protective Services	123	1%
Public Administration and Social Service Professions	67	1%
Social Sciences	758	9%
Visual and Performing Arts	869	10%
Health Professions and Related Clinical Sciences	1167	13%
Business, Management, Marketing, and Related Support Services	1704	19%
History	143	2%
Total	8907	100%

Source: Integrated Post-Secondary Data System, National Center for Education Statistics

Conclusion

Long Beach is a large city, and Greater Long Beach constitutes a substantially sized metropolitan region, yet the relative size of the local post-secondary system is small relative to the size of the area's population and labor force. While it is likely adequate to meet the educational needs of local residents, it is not capable of attracting and retaining large numbers of students from other parts of the state, nation and world. Cities with higher education institution with a broad geographic reach play a central role in creating high skilled labor supply in metropolitan areas. Cities with a higher education system capable of attracting large numbers of students from outside the region have proven to play an important role in business location decisions, at least for those firms with high levels of demand for persons with college credentials. Absent a higher education system to modulate labor supply to the college labor market, Long Beach and its environs will face greater difficulties in job creation and business location than cities of similar size, but with a higher education system with the capacity to attract and retain students from outside the region.

Cal State at Long Beach is the primary provider of bachelors and graduate degrees in the region. Cal State awarded more than 6,800 bachelor's degrees in 2016, equal to three quarters of all such degree awards within the region. The remaining bachelor's degree awards degrees were spread over a number of local private for profit and non-profit colleges. Four local public two-year institutions granted almost 3,700 associate's degrees accounting for more than 90 percent of all such degree. The private higher education system in the region is largely confined to certificate programs.

At the certificate level, we found a high, but not unexpected pace of program and even institutional turnover. The bulk of certificate programming is in the health care area and given the growth in ambulatory health care employment this concentration is expected. Ambulatory care organizations employ large numbers of workers in health assistant and health technology occupations that require certifications for employment. Business clerical is also an important area of certificate awards at the post-secondary level. Graduates of these programs with solid office skills can expect solid job opportunities in a wide range of positions (including the healthcare industry) across the city and region.

The blue-collar certificate programs are of special interest as parts of the areas manufacturing sector grow. Employers have built connections to some individual certificate programs most notably at Cypress College, but these programs are small and employers we spoke with expressed a desire for an expansion of these programs. Creating such an expansion is not easy. First, student demand must be present for a program to expand, and some of the employers we spoke with discussed the lack of interest among young people in employment in manufacturing. The costs of creating and expanding solid maintenance, repair, and machining programs are high, and colleges are typically reluctant to make large capital investments in cyclically unstable occupations that characterize the construction and manufacturing sector. The best examples of efforts to expand these programs have involved business education partnerships that share the risk of such investment between the college and local employers. Apprenticeship programs are also a highly effective way to develop these skilled blue-collar proficiencies while keeping capital costs in check.

The tables provided in Appendix A below examine trends in certificate/degree awards by level and sector for each post-secondary educational institution in the Greater Long Beach region. These data were produced to assist local workforce development officials to gain insight into the nature of undergraduate programs offered in every college in the region and to serve as a basis to build relationships between the area's higher education providers and the local business community.

Appendix A: Trends in Post-Secondary Awards, by Institution

Award of Less than 1 Academic Year, Private Not-for-Profit, 4-Years or Above, Bethesda

University

Major Name	2016	2015	2014	2013	2012	2011	2010
Education	0	2	1	8	8	2	1
Total	0	2	1	8	8	2	1

Award of Less than 1 Academic Year, Private Not-for-Profit, 4-Years or Above, South Baylo

University

Major Name	2016	2015	2014	2013	2012	2011	2010
Health Professions and Related Clinical Sciences	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0

Award of Less than 1 Academic Year, Private For-Profit, 4-Years or Above, Trinity School of Health and Allied Sciences

	4-year or above	Less than 2-year					
Major Name	2016	2015	2014	2013	2012	2011	2010
Health Professions and Related Clinical Sciences	68	131	321	333	402	411	171
Total	68	131	321	333	402	411	171

Award of Less than 1 Academic Year, Private For-Profit, 4-Years or Above, Trident University

International

Major Name	2016	2015	2014	2013	2012	2011	2010
Health Professions and Related Clinical Sciences			19				
Business, Management, Marketing, and Related Support Services			2				
Total			21				

Award of Less than 1 Academic Year, Public, 2-Years, El Camino College-Compton Center

Major Name	2016	2015	2014	2013	2012	2011	2010
Communications, Journalism and Related Services	1	0	1	2			
Communications							0
Computer and Information Sciences and Support Services							0
Personal and Culinary Services	0	0	0	1			
Education							0
Engineering Technologies/Technicians	58	25	9	7	1	7	
Family and Consumer Sciences/Human Sciences	34	34	40	37	36	24	53
Legal Professions and Studies							0
Liberal Arts and Sciences, General Studies and Humanities	0	0	0	1			0
Parks, Recreation, Leisure and Fitness Studies							0
Security and Protective Services	2	4	1	6	6	4	0
Mechanic and Repair Technologies/Technicians	23	2	7	9	3	3	0
Precision Production	2	3	7				1
Visual and Performing Arts	4	4	5	4		1	1
Health Professions and Related Clinical Sciences	1	1					0
Business, Management, Marketing, and Related Support Services	6	5	11	3	9	1	9
Total	131	78	81	70	55	40	64

Award of Less than 1 Academic Year, Public, 2-Years, Cypress College

Major Name	2016	2015	2014	2013	2012	2011	2010
Area, Ethnic, Cultural, and Gender Studies							0
Communications	22	34	38	19	19	12	2
Computer and Information Sciences and Support Services	59	51	52	41	10	19	42
Personal and Culinary Services	53	37	53	59	74	105	80
Education							0
Engineering Technologies/Technicians	29	98	77	17			
Family and Consumer Sciences/Human Sciences	2	3	10	5	5	1	
Legal Professions and Studies	4	16	11	3			

Major Name	2016	2015	2014	2013	2012	2011	2010
Liberal Arts and Sciences, General Studies and Humanities							0
Multi/Interdisciplinary Studies							0
Parks, Recreation, Leisure and Fitness Studies	4	1	1	1	1	1	1
Philosophy and Religious Studies							0
Psychology							0
Security and Protective Services	5	0	2	1			
Public Administration and Social Service Professions	1	3	1			4	6
Social Sciences							0
Mechanic and Repair Technologies/Technicians	118	191	202	164	204	164	140
Transportation and Materials Moving	64	69	95	63	69	42	35
Visual and Performing Arts	7	14	8	1	3	4	16
Health Professions and Related Clinical Sciences	27	26	25	26	41	52	55
Business, Management, Marketing, and Related Support Services	63	43	54	72	51	34	29
Total	458	586	629	472	477	438	406

Award of Less than 1 Academic Year, Public, 2-Years, Los Angeles Harbor College

Major Name	2016	2015	2014	2013	2012	2011	2010
Architecture and related services		0	1			1	1
Communications							1
Personal and Culinary Services		12	10	29	30	24	11
Family and Consumer Sciences/Human Sciences	5	6	10	7	8	4	8
Liberal Arts and Sciences, General Studies and Humanities							0
Mathematics and Statistics							0
Multi/Interdisciplinary Studies							0
Physical Sciences							0
Security and Protective Services	0	2	6	2	3	3	
Visual and Performing Arts							0
Total	5	20	27	38	41	32	21

Award of Less than 1 Academic Year, Public, 2-Years, Long Beach City College

Major Name	2016	2015	2014	2013	2012	2011	2010
Agriculture, Agriculture Operations, and Related Sciences	1	2	4	2	7	3	3
Architecture and related services							0
Communications, Journalism and Related Services	0	2	2	2	2	5	1
Communications	1	0	24	102	25	19	19
Computer and Information Sciences and Support Services	4	7	8	42	17	8	11
Personal and Culinary Services	9	7	11	110	317	309	395
Education	1	3	4	7	10	11	2
Engineering	13	5	2	33	40	15	8
Engineering Technologies/Technicians	3	13	14	29	28	32	33
Foreign Languages, Literatures and Linguistics	5	4	6	6	3		0
Family and Consumer Sciences/Human Sciences	119	97	70	229	189	201	164
English Language and Literature/Letters							0
Legal Professions and Studies						1	
Liberal Arts and Sciences, General Studies and Humanities							0
Library Science	4	2	8	4	3	7	2
Parks, Recreation, Leisure and Fitness Studies	0	1					0
Security and Protective Services	20	20	27	60	47	23	26
Public Administration and Social Service Professions	15	2	4	21	21	23	34
Social Sciences	0	2					0
Mechanic and Repair Technologies/Technicians	24	11	22	57	86	94	49
Precision Production	4	1	5	17	8	7	3
Transportation and Materials Moving							0
Visual and Performing Arts	6	1	6	17		1	4
Health Professions and Related Clinical Sciences	62	55	21	86	81	59	84
Business, Management, Marketing, and Related Support Services	111	96	487	1412	104	81	65
Total	402	331	725	2236	988	899	903

Award of Less than 1 Academic Year, Private For-Profit, 2-Year, PCI College

Major Name	2-year			Less-than 2-year			
	2016	2015	2014	2013	2012	2011	2010
Computer and Information Sciences and Support Services	0	1		21	5	5	2
Health Professions and Related Clinical Sciences	12	13	12		16	59	38
Total	12	14	12	21	21	64	40

Award of Less than 1 Academic Year, Private For-Profit, 2-Year, InfoTech Career College

Major Name	2-year			Less-than 2-year		2-year	Less-than 2-year
	2016	2015	2014	2013	2012	2011	2010
Engineering Technologies/Technicians							1
Visual and Performing Arts							6
Health Professions and Related Clinical Sciences	67	46	76	107	201	365	23
Business, Management, Marketing, and Related Support Services							12
Total	67	46	76	107	201	365	42

Award of Less than 1 Academic Year, Private For-Profit, 2-Year, Wyotech-Long Beach

Major Name	2016	2015	2014	2013	2012	2011	2010
Engineering Technologies/Technicians							183
Construction Trades							595
Mechanic and Repair Technologies/Technicians							72
Health Professions and Related Clinical Sciences							269
Total							1119

Award of Less than 1 Academic Year, Private For-Profit, 2-Year, Newbridge College-Long Beach

Major Name	2016	2015	2014	2013	2012	2011	2010
Health Professions and Related Clinical Sciences					95	189	184
Total					95	189	184

Award of Less than 1 Academic Year, Private For-Profit, 2-Year, North-West College-Long Beach

Major Name	2016	2015	2014	2013	2012	2011	2010
Health Professions and Related Clinical Sciences	116	43	0				
Total	116	43	0				

Award of Less than 1 Academic Year, Private For-Profit, 2-Year, American Career College-Anaheim

Major Name	2016	2015	2014	2013	2012	2011	2010
Health Professions and Related Clinical Sciences	133	512	596	641	706	1021	1105
Total	133	512	596	641	706	1021	1105

Award of Less than 1 Academic Year, Private For-Profit, 2-Year, Everest College-Anaheim

Major Name	2016	2015	2014	2013	2012	2011	2010
Health Professions and Related Clinical Sciences							708
Total							708

Award of Less than 1 Academic Year, Public, Less-than 2-Year, Maxine Waters Employment Preparation Center

Major Name	2016	2015	2014	2013	2012	2011	2010
Family and Consumer Sciences/Human Sciences						28	37
Health Professions and Related Clinical Sciences						174	170
Business, Management, Marketing, and Related Support Services						43	23
Total						245	230

Award of Less than 1 Academic Year, Private For-Profit, Less-than 2-Year, Universal College of Beauty Inc-Compton

Major Name	2016	2015	2014	2013	2012	2011	2010
Personal and Culinary Services						0	1
Total						0	1

Award of Less than 1 Academic Year, Private For-Profit, Less-than 2-Year, Everest College-Torrance

Major Name	2016	2015	2014	2013	2012	2011	2010
Health Professions and Related Clinical Sciences			133				194

Total			133				194
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Award of Less than 1 Academic Year, Private For-Profit, Less-than 2-Year, American Auto Institute

Major Name	2016	2015	2014	2013	2012	2011	2010
Mechanic and Repair Technologies/Technicians							300
Total							300

Award of Less than 1 Academic Year, Private For-Profit, Less-than 2-Year, InterCoast Colleges-Carson

Major Name	2016	2015	2014	2013	2012	2011	2010
Parks, Recreation, Leisure and Fitness Studies	2	4		1	10		
Health Professions and Related Clinical Sciences						5	14
Business, Management, Marketing, and Related Support Services						3	0
Total	2	4		1	10	8	14

Award of Less than 1 Academic Year, Private For-Profit, Less-than 2-Year, RWM Fiber Optics

Major Name	2016	2015	2014	2013	2012	2011	2010
Mechanic and Repair Technologies/Technicians	8	37	2	0	46	46	64
Total	8	37	2	0	46	46	64

Award of Less than 1 Academic Year, Private For-Profit, Less-than 2-Year, California Healing Arts College

Major Name	2016	2015	2014	2013	2012	2011	2010
Health Professions and Related Clinical Sciences				42			
Total				42			

Award of Less than 1 Academic Year, Private For-Profit, Less-than 2-Year, American Career College-Long Beach

Major Name	2016	2015	2014	2013	2012	2011	2010
Health Professions and Related Clinical Sciences	133	421	232	2			
Total	133	421	232	2			

Award of Less than 1 Academic Year, Private For-Profit, Less-than 2-Year, John Wesley International Barber and Beauty College

Major Name	2016	2015	2014	2013	2012	2011	2010
Personal and Culinary Services					0	0	0

Total					0	0	0
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Award of Less than 1 Academic Year, Private For-Profit, Less-than 2-Year, CIT College of InfoMedical Technology

Major Name	2016	2015	2014	2013	2012	2011	2010
Computer and Information Sciences and Support Services						11	6
Health Professions and Related Clinical Sciences						225	213
Total						236	219

Award of at Least 1 but Less than 2 Academic Years, Private Not-for-Profit, 4-Year or Above, Charles R Drew University of Medicine and Science

Major Name	2016	2015	2014	2013	2012	2011	2010
Health Professions and Related Clinical Sciences				0	1	23	31
Total				0	1	23	31

Award of at Least 1 but Less than 2 Academic Years, Private For-Profit, 4-Year or Above, Trinity School of Health and Allied Sciences

	4-year or above	Less-than 2-year					
Major Name	2016	2015	2014	2013	2012	2011	2010
Health Professions and Related Clinical Sciences	40	61	84	79	73	78	79
Total	40	61	84	79	73	78	79

Award of at Least 1 but Less than 2 Academic Years, Private For-Profit, 4-Year or Above, Westwood College-South Bay

Major Name	2016	2015	2014	2013	2012	2011	2010
Health Professions and Related Clinical Sciences		30	36	10	0		
Total		30	36	10	0		

Award of at Least 1 but Less than 2 Academic Years, Private For-Profit, 4-Year or Above, Fremont College

Major Name	2016	2015	2014	2013	2012	2011	2010
Health Professions and Related Clinical Sciences	5	5	11	20	26	51	28
Total	5	5	11	20	26	51	28

Award of at Least 1 but Less than 2 Academic Years, Private For-Profit, 4-Year or Above,
American University of Health Sciences

Major Name	2016	2015	2014	2013	2012	2011	2010
Health Professions and Related Clinical Sciences	0	0	0	0	15	30	41
Total	0	0	0	0	15	30	41

Award of at Least 1 but Less than 2 Academic Years, Private For-Profit, 4-Year or Above,
Southern California Institute of Technology

Major Name	2016	2015	2014	2013	2012	2011	2010
Computer and Information Sciences and Support Services	32	13	21	18			
Engineering Technologies/Technicians	62	61	59	75			
Construction Trades	303	176	160	204			
Business, Management, Marketing, and Related Support Services	0	13	15	19			
Total	397	263	255	316			

Award of at Least 1 but Less than 2 Academic Years, Public, 2-Year, El Camino College-
Compton Center

Major Name	2016	2015	2014	2013	2012	2011	2010
Architecture and related services	1	0	0	1			1
Computer and Information Sciences and Support Services							0
Personal and Culinary Services	0	1	0	2	31		0
Engineering Technologies/Technicians	16	12	3	3		6	0
Foreign Languages, Literatures and Linguistics	2	2	0	1			1
Family and Consumer Sciences/Human Sciences	6	2	0	3	4		
Legal Professions and Studies	0	1	1				
Liberal Arts and Sciences, General Studies and Humanities	1	2	2	4	2	4	
Security and Protective Services	1						
Mechanic and Repair Technologies/Technicians	16	6	7	7	5	3	2
Precision Production	4	0	1	5	6	2	9
Health Professions and Related Clinical Sciences							1
Business, Management, Marketing, and Related Support Services	1						0
Total	48	26	14	26	48	15	14

Award of at Least 1 but Less than 2 Academic Years, Public, 2-Year, Cypress College

Major Name	2016	2015	2014	2013	2012	2011	2010
Communications	0	0	4	1	2		1
CIS and Support Services	4	11	24	11	9	19	13
Personal and Culinary Services	37	36	26	19	11	26	23
Engineering							0
Engineering Technologies/Technicians	9	12	17	11	6	3	4
Legal Professions and Studies	1	1					0
Security and Protective Services	2	3	2	3	1	1	1
Public Administration and Social Service Professions	14	20	20	32	28	11	27
Social Sciences	6	1					
Mechanic and Repair Technologies/Technicians	21	19	23	22	46	22	23
Transportation and Materials Moving	2	5	8	9	9	21	18
Visual and Performing Arts							0
Health Professions and Related Clinical Sciences	96	104	127	131	150	99	118
Business, Management, Marketing, and Related Support Services	10	6	8	13	10	12	13
Total	202	218	259	252	272	214	241

Award of at Least 1 but Less than 2 Academic Years, Public, 2-Year, LA Harbor College

Major Name	2016	2015	2014	2013	2012	2011	2010
Architecture and related services	9						0
Communications	10	3	0	0	0		
CIS and Support Services	0	0	0	0	0		0
Personal and Culinary Services	24						0
Engineering							0
Engineering Technologies/Technicians	1	1	3	4	30	23	49
Family and Consumer Sciences/Human Sciences							0
Legal Professions and Studies	0	0	0	0	1		1
Liberal Arts and Sciences	249						0
Security and Protective Services	2						0
Mechanic and Repair Technologies/Technicians	0	1					0
Health Professions and Related Clinical Sciences	0	1	0	0	2		0
Business, Management, Marketing, and Related Support Services	13	5	15	6	9	6	4
Total	308	11	18	10	42	29	54

Award of at Least 1 but Less than 2 Academic Years, Public, 2-Year, Long Beach City College

Major Name	2016	2015	2014	2013	2012	2011	2010
Agriculture, Agriculture Operations, and Related Sciences	2	1	4	4	9		6
Architecture and related services	0	1	1	3	1	9	
Communications, Journalism and Related Services	8	7	20	20	9	12	1
Communications	0	3	36	77	8	16	20
Computer and Information Sciences and Support Services	1	1	3	0	2		1
Personal and Culinary Services	8	6	4	12	19	3	17
Engineering Technologies/Technicians	2	2	15	21	27	17	27
Family and Consumer Sciences/Human Sciences	0	2	1	2		2	7
Legal Professions and Studies			0	1	1	2	0
Mathematics and Statistics							0
Security and Protective Services	17	12	17	22	40	19	22
Construction Trades	0	0	8	9	10	7	5
Mechanic and Repair Technologies/Technicians	30	31	110	169	105	80	51
Precision Production	5	3	5	12	2	7	2
Transportation and Materials Moving							0
Visual and Performing Arts	6	3	9	16	6	6	16
Health Professions and Related Clinical Sciences	39	30	71	70	62	90	108
Business, Management, Marketing, and Related Support Services	16	5	21	21	21	26	15
Total	134	107	325	459	322	296	298

Award of at Least 1 but Less than 2 Academic Years, Private For-Profit, 2-Year, PCI College

Major Name	2-year			Less-than 2-year			
	2016	2015	2014	2013	2012	2011	2010
Health Professions and Related Clinical Sciences	1	15	45	17	19	2	47
Total	1	15	45	17	19	2	47

Award of at Least 1 but Less than 2 Academic Years, Private For-Profit, 2-Year, InfoTech
Career College

Major Name	Private for-profit, 2-year			Private for-profit, less- than 2-year		Private for-profit, 2-year	Private for- profit, less- than 2-year
	2016	2015	2014	2013	2012	2011	2010
Health Professions and Related Clinical Sciences	97	71	9	16	0	29	10
Total	97	71	9	16	0	29	10

Award of at Least 1 but Less than 2 Academic Years, Private For-Profit, 2-Year, California
Healing Arts College

Major Name	2016	2015	2014	2013	2012	2011	2010
Parks, Recreation, Leisure and Fitness Studies			14				
Health Professions and Related Clinical Sciences			54				
Total			68				

Award of at Least 1 but Less than 2 Academic Years, Private For-Profit, 2-Year, Universal
Technical Institute-Southern California

Major Name	2016	2015	2014	2013	2012	2011	2010
Mechanic and Repair Technologies/Technicians	0						
Total	0						

Award of at Least 1 but Less than 2 Academic Years, Private For-Profit, 2-Year, Wyotech-Long
Beach

Major Name	2016	2015	2014	2013	2012	2011	2010
Computer and Information Sciences and Support Services			5	0			
Engineering Technologies/Technicians			388	473	608	569	
Construction Trades			403	410	427	563	
Mechanic and Repair Technologies/Technicians			23	39		0	298
Health Professions and Related Clinical Sciences			85	91	99	191	
Total			904	1013	1134	1323	298

Award of at Least 1 but Less than 2 Academic Years, Private For-Profit, 2-Year, North-West
College-Long Beach

Major Name	2016	2015	2014	2013	2012	2011	2010
Health Professions and Related Clinical Sciences	19	0	0				
Total	19	0	0				

Award of at Least 1 but Less than 2 Academic Years, Private For-Profit, 2-Year, American
Career College-Anaheim

Major Name	2016	2015	2014	2013	2012	2011	2010
Health Professions and Related Clinical Sciences	515	188	271	236	269	320	356
Total	515	188	271	236	269	320	356

Award of at Least 1 but Less than 2 Academic Years, Private For-Profit, 2-Year, Everest
College-Anaheim

Major Name	2016	2015	2014	2013	2012	2011	2010
Security and Protective Services			1	0			
Health Professions and Related Clinical Sciences			294	318	365	661	30
Business, Management, Marketing, and Related Support Services			0	0			
Total			295	318	365	661	30

Award of at Least 1 but Less than 2 Academic Years, Public, Less-than 2-Year, Maxine Waters
Employment Preparation Center

Major Name	2016	2015	2014	2013	2012	2011	2010
Agriculture, Agriculture Operations, and Related Sciences						92	110
Computer and Information Sciences and Support Services						132	131
Construction Trades						42	31
Mechanic and Repair Technologies/Technicians						38	2
Precision Production						20	12
Health Professions and Related Clinical Sciences						36	35
Total						360	321

Award of at Least 1 but Less than 2 Academic Years, Private For-Profit, Less-than 2-Year,
Universal College of Beauty Inc-Compton

Major Name	2016	2015	2014	2013	2012	2011	2010
Personal and Culinary Services						28	18
Total						28	18

Award of at Least 1 but Less than 2 Academic Years, Private For-Profit, Less-than 2-Year,
Everest College-Torrance

Major Name	2016	2015	2014	2013	2012	2011	2010
Health Professions and Related Clinical Sciences				150	116	248	
Total				150	116	248	

Award of at Least 1 but Less than 2 Academic Years, Private For-Profit, Less-than 2-Year,
Angeles Institute

Major Name	2016	2015	2014	2013	2012	2011	2010
Health Professions and Related Clinical Sciences	104	82	100	96	82	64	78
Total	104	82	100	96	82	64	78

Award of at Least 1 but Less than 2 Academic Years, Private For-Profit, Less-than 2-Year,
Marinello Schools of Beauty-Paramount

Major Name	2016	2015	2014	2013	2012	2011	2010
Personal and Culinary Services						98	99
Total						98	99

Award of at Least 1 but Less than 2 Academic Years, Private For-Profit, Less-than 2-Year,
InterCoast Colleges-Carson

Major Name	2016	2015	2014	2013	2012	2011	2010
Legal Professions and Studies				0	0	0	0
Construction Trades	71	44	27	27	51	70	22
Health Professions and Related Clinical Sciences	39	35	40	68	103	81	98
Business, Management, Marketing, and Related Support Services				5	7		
Total	110	79	67	100	161	151	120

Award of at Least 1 but Less than 2 Academic Years, Private For-Profit, Less-than 2-Year,
RWM Fiber Optics

Major Name	2016	2015	2014	2013	2012	2011	2010
Mechanic and Repair Technologies/Technicians	76	0	60	50			
Total	76	0	60	50			

Award of at Least 1 but Less than 2 Academic Years, Private For-Profit, Less-than 2-Year,
California Healing Arts College

Major Name	2016	2015	2014	2013	2012	2011	2010
Parks, Recreation, Leisure and Fitness Studies	23	32		34			
Health Professions and Related Clinical Sciences	101	48		0			
Total	124	80		34			

Award of at Least 1 but Less than 2 Academic Years, Private For-Profit, Less-than 2-Year,
American Career College-Long Beach

Major Name	2016	2015	2014	2013	2012	2011	2010
Health Professions and Related Clinical Sciences	225						
Total	225						

Award of at Least 1 but Less than 2 Academic Years, Private For-Profit, Less-than 2-Year,
Universal Technical Institute-Southern California

Major Name	2016	2015	2014	2013	2012	2011	2010
Mechanic and Repair Technologies/Technicians		0					
Total		0					

Award of at Least 1 but Less than 2 Academic Years, Private For-Profit, Less-than 2-Year, John
Wesley International Barber and Beauty College

Major Name	2016	2015	2014	2013	2012	2011	2010
Personal and Culinary Services	42	38	53	58	39	53	43
Total	42	38	53	58	39	53	43

Award of at Least 1 but Less than 2 Academic Years, Private For-Profit, Less-than 2-Year,
United Education Institute-Anaheim

Major Name	2016	2015	2014	2013	2012	2011	2010
Security and Protective Services	47	57					
Mechanic and Repair Technologies/Technicians	39	42					
Health Professions and Related Clinical Sciences	245	191					
Business, Management, Marketing, and Related Support Services	36	60					
Total	367	350					

Award of at Least 1 but Less than 2 Academic Years, Private For-Profit, Less-than 2-Year, CIT
College of InfoMedical Technology

Major Name	2016	2015	2014	2013	2012	2011	2010
Health Professions and Related Clinical Sciences						170	350
Total						170	350

Associate's Degree, Private Not-for-Profit, 4-Year or Above, Charles R Drew University of
Medicine and Science

Major Name	2016	2015	2014	2013	2012	2011	2010
Health Professions and Related Clinical Sciences	16	22	20	20	30	24	18
Total	16	22	20	20	30	24	18

Associate's Degree, Private Not-for-Profit, 4-Year or Above, Touro University Worldwide

Major Name	2016	2015	2014	2013	2012	2011	2010
Education	18	13	1				
Total	18	13	1				

Associate's Degree, Private Not-for-Profit, 4-Year or Above, California University of
Management and Sciences

Major Name	2016	2015	2014	2013	2012	2011	2010
Legal Professions and Studies			0				
Parks, Recreation, Leisure and Fitness Studies			0			4	
Health Professions and Related Clinical Sciences	0	0	0			1	
Total	0	0	0			5	

Associate's Degree, Private For-Profit, 4-Year or Above, ITT Technical Institute-Torrance

Major Name	2016	2015	2014	2013	2012	2011	2010
Computer and Information Sciences and Support Services				33	63	49	59
Engineering Technologies/Technicians				76	106	85	103
Legal Professions and Studies				9	12	0	0
Security and Protective Services				41	69	68	42
Visual and Performing Arts					0	7	4
Business, Management, Marketing, and Related Support Services				0	0	0	
Total				159	250	209	208

Associate's Degree, Private For-Profit, 4-Year or Above, Westwood College-South Bay

Major Name	2016	2015	2014	2013	2012	2011	2010
Computer and Information Sciences and Support Services		13	8	1	0	0	1
Engineering Technologies/Technicians		5	10	4	8	3	5
Legal Professions and Studies				4	8	1	0
Security and Protective Services		36	26	0	0		
Visual and Performing Arts		13	17	2	0	0	2
Health Professions and Related Clinical Sciences		17	1	0	0		
Business, Management, Marketing, and Related Support Services		29	18	0	0		
Total		113	80	11	16	4	8

Associate's Degree, Private For-Profit, 4-Year or Above, Fremont College

Major Name	2016	2015	2014	2013	2012	2011	2010
Computer and Information Sciences and Support Services	1	8	3				
Legal Professions and Studies	49	60	47	52	49	79	38
Visual and Performing Arts			1	16	4	0	
Health Professions and Related Clinical Sciences	63	90	59	101	65	75	53
Business, Management, Marketing, and Related Support Services	1		1	5	12	4	2
Total	114	158	111	174	130	158	93

Associate's Degree, Private For-Profit, 4-Year or Above, Southern California Institute of Technology

Major Name	2016	2015	2014	2013	2012	2011	2010
Engineering Technologies/Technicians	4	1	1	1			
Total	4	1	1	1			

Associate's Degree, Public, 2-Year, El Camino College-Compton Center

Major Name	2016	2015	2014	2013	2012	2011	2010
Architecture and related services	1						
Area, Ethnic, Cultural, and Gender Studies	0	0	1				
Communications, Journalism and Related Services	7	7	3	0	1		
Computer and Information Sciences and Support Services	2	2	0	1	1	1	
Personal and Culinary Services						1	
Engineering	2	0	0	2			
Engineering Technologies/Technicians	1	1	0	1	1		
Foreign Languages, Literatures and Linguistics	4	3	4	2	1	1	1
Family and Consumer Sciences/Human Sciences	17	17	19	14	19	29	23
Legal Professions and Studies	1	1					
English Language and Literature/Letters	2	2	2	0	1		
Liberal Arts and Sciences, General Studies and Humanities	153	134	142	142	107	100	68
Biological and Biomedical Sciences	0	1	0	1			
Mathematics and Statistics	4	2	1	3			
Multi/Interdisciplinary Studies	33	29	0	1	1	1	
Parks, Recreation, Leisure and Fitness Studies	1	2	0	0	1	1	
Philosophy and Religious Studies	1						
Physical Sciences	6	2	0	7			
Psychology	22	10	6	4	4	1	2
Security and Protective Services	25	19	9	19	7	8	3
Social Sciences	19	14	14	11	15	13	3
Construction Trades	0	0	1				
Mechanic and Repair Technologies/Technicians	0	2	2	0	1	2	
Precision Production	4	2	2	2	3	1	1
Visual and Performing Arts	1	0	0	2	1	1	
Health Professions and Related Clinical Sciences	46	38	35	46	47	31	51
Business, Management, Marketing, and Related Support Services	33	25	21	22	17	15	5
History	1	3	0	1		1	
Total	386	316	262	281	228	207	157

Associate's Degree, Public, 2-Year, Cypress College

Major Name	2016	2015	2014	2013	2012	2011	2010
Area, Ethnic, Cultural, and Gender Studies	1	1	1	2	1	2	1
Communications, Journalism and Related Services	27	26	20	12			
Communications	1	3	2	2	1		2
Computer and Information Sciences and Support Services	10	12	6	10	12	8	11
Personal and Culinary Services	78	61	69	68	49	59	56
Education							0
Engineering							0
Engineering Technologies/Technicians	6	1	5	3	3	3	5
Legal Professions and Studies							0
English Language and Literature/Letters	10	1	1				
Liberal Arts and Sciences, General Studies and Humanities	273	224	256	247	253	355	348
Mathematics and Statistics	24	7	2				
Multi/Interdisciplinary Studies	148	107	129	101	106	51	25
Parks, Recreation, Leisure and Fitness Studies	27	15	16	7	4	1	1
Philosophy and Religious Studies	2	2	2	3	1		1
Physical Sciences	17	6	5				
Psychology	81	63	52	28	5	9	7
Public Administration and Social Service Professions	6	10	13	12	10	12	12
Social Sciences	69	34	24	20	4	5	6
Mechanic and Repair Technologies/Technicians	6	5	5	9	8		1
Transportation and Materials Moving	14	14	16	11	12	10	9
Visual and Performing Arts	30	40	27	28	63	6	2
Health Professions and Related Clinical Sciences	165	151	177	137	148	148	156
Business, Management, Marketing, and Related Support Services	180	150	132	111	64	61	55
History	17	9	3	7			
Total	1192	942	963	818	744	730	698

Associate's Degree, Public, 2-Year, Los Angeles Harbor College

Major Name	2016	2015	2014	2013	2012	2011	2010
Architecture and related services	5	4	5	3	3	2	4
Communications, Journalism and Related Services	5	3					
Computer and Information Sciences and Support Services	0	2					3

Major Name	2016	2015	2014	2013	2012	2011	2010
Personal and Culinary Services	10	7	7	6	4	1	3
Engineering	0	1	0	1			1
Engineering Technologies/Technicians	4	2	4	4	1	1	5
Family and Consumer Sciences/Human Sciences	17	12	21	9	14	20	21
Legal Professions and Studies	0	0	0	0	1	1	0
English Language and Literature/Letters	11						
Liberal Arts and Sciences, General Studies and Humanities	479	374	437	339	293	330	435
Mathematics and Statistics	17	3	5	0	1		1
Multi/Interdisciplinary Studies	110	115	137	99	83	73	24
Parks, Recreation, Leisure and Fitness Studies	10	9	5	2			
Physical Sciences	12	2	11	3	2		1
Psychology	39	19	18	5			
Security and Protective Services	18	19	30	13	25	15	16
Social Sciences	0						
Mechanic and Repair Technologies/Technicians	3	1	1	0	2		1
Visual and Performing Arts	12	9	1	3	2		3
Health Professions and Related Clinical Sciences	71	63	70	53	78	101	102
Business, Management, Marketing, and Related Support Services	55	31	39	25	24	27	19
History	6	4					
Total	884	680	791	565	533	571	639

Associate's Degree, Public, 2-Year, Long Beach City College

Major Name	2016	2015	2014	2013	2012	2011	2010
Agriculture, Agriculture Operations, and Related Sciences	4	3	4	4	3	1	3
Architecture and related services	6	11	5	5	9	3	2
Communications, Journalism and Related Services	122	122	87	46	32	18	29
Communications	7	7	16	14	5	8	9
Computer and Information Sciences and Support Services	20	16	13	6	10	5	12
Personal and Culinary Services	16	10	16	6	7	8	4
Education	2	1	2	2	4	2	0
Engineering	0	1	1	1			
Engineering Technologies/Technicians	7	7	15	10	3	8	12
Foreign Languages, Literatures and Linguistics	8	9	10	8	10	5	6
Family and Consumer Sciences/Human Sciences	26	34	34	34	50	28	30
Legal Professions and Studies							0
English Language and Literature/Letters	33	18	23	16	14	5	3

Major Name	2016	2015	2014	2013	2012	2011	2010
Liberal Arts and Sciences, General Studies and Humanities	17	20	54	135	238	255	386
Library Science	2	0	5			2	0
Biological and Biomedical Sciences	67	49	53	37	31	17	10
Mathematics and Statistics	24	10	8	1	6	1	7
Parks, Recreation, Leisure and Fitness Studies	16	27	24	11	4	2	3
Physical Sciences	19	20	9	13	10	5	8
Psychology	109	90	71	28	11		
Security and Protective Services	56	80	78	46	55	45	46
Public Administration and Social Service Professions	16	9	16	15	21	22	13
Social Sciences	174	132	103	76	31	10	4
Construction Trades	1	0	2	2	1		0
Mechanic and Repair Technologies/Technicians	24	33	29	42	31	37	28
Precision Production	1	3	2	1			5
Transportation and Materials Moving							0
Visual and Performing Arts	22	26	25	19	23	26	21
Health Professions and Related Clinical Sciences	131	139	128	154	174	160	165
Business, Management, Marketing, and Related Support Services	259	214	188	111	89	73	100
History	23	19	11				
Total	1212	1110	1032	843	872	746	906

Associate's Degree, Private For-Profit, 2-Year, PCI College

Major Name	2016	2015	2014	2013	2012	2011	2010
Health Professions and Related Clinical Sciences	0						
Total	0						

Associate's Degree, Private For-Profit, 2-Year, InfoTech Career College

Major Name	2016	2015	2014	2013	2012	2011	2010
Health Professions and Related Clinical Sciences	0	0					
Total	0	0					

Associate's Degree, Private For-Profit, 2-Year, Wyotech-Long Beach

Major Name	2016	2015	2014	2013	2012	2011	2010
Construction Trades						8	
Mechanic and Repair Technologies/Technicians			50	40	25	11	
Total			50	40	25	19	

Associate's Degree, Private For-Profit, 2-Year, American Career College-Anaheim

Major Name	2016	2015	2014	2013	2012	2011	2010
Health Professions and Related Clinical Sciences	161	132	148	154	166	93	58
Total	161	132	148	154	166	93	58

Associate's Degree, Private For-Profit, 2-Year, Everest College-Anaheim

Major Name	2016	2015	2014	2013	2012	2011	2010
Legal Professions and Studies			7	3	2	0	
Security and Protective Services			41	45	35	5	
Total			48	48	37	5	

Award of at Least 2 but Less than 4 Academic Years, Private Not-for-Profit, 4-Year or Above,

Charles R Drew University of Medicine and Science

Major Name	2016	2015	2014	2013	2012	2011	2010
Health Professions and Related Clinical Sciences					21	0	
Total					21	0	

Award of at Least 2 but Less than 4 Academic Years, Private Not-for-Profit, 4-Year or Above,

California University of Management and Sciences

Major Name	2016	2015	2014	2013	2012	2011	2010
Legal Professions and Studies				0			
Parks, Recreation, Leisure and Fitness Studies				0			
Health Professions and Related Clinical Sciences				3			
Total				3			

Award of at Least 2 but Less than 4 Academic Years, Public, 2-Year, El Camino College-

Compton Center

Major Name	2016	2015	2014	2013	2012	2011	2010
Mechanic and Repair Technologies/Technicians	0	0	1				
Health Professions and Related Clinical Sciences							0
Total	0	0	1				0

Award of at Least 2 but Less than 4 Academic Years, Public, 2-Year, Cypress College

Major Name	2016	2015	2014	2013	2012	2011	2010
Legal Professions and Studies	0	0	0	1			0
Liberal Arts and Sciences, General Studies and Humanities							0
Health Professions and Related Clinical Sciences							0
Total	0	0	0	1			0

Award of at Least 2 but Less than 4 Academic Years, Public, 2-Year, Los Angeles Harbor College

Major Name	2016	2015	2014	2013	2012	2011	2010
Mechanic and Repair Technologies/Technicians							0
Total							0

Award of at Least 2 but Less than 4 Academic Years, Public, 2-Year, Long Beach City College

Major Name	2016	2015	2014	2013	2012	2011	2010
Mechanic and Repair Technologies/Technicians	0	0	0	1			
Health Professions and Related Clinical Sciences	92	42	70	126	134	118	131
Total	92	42	70	127	134	118	131

Award of at Least 2 but Less than 4 Academic Years, Private For-Profit, 2-Year, PCI College

Major Name	2016	2015	2014	2013	2012	2011	2010
Health Professions and Related Clinical Sciences	38	8					
Total	38	8					

Award of at Least 2 but Less than 4 Academic Years, Private For-Profit, 2-Year, Universal Technical Institute-Southern California

	2-year	Less-than 2-year					
Major Name	2016	2015	2014	2013	2012	2011	2010
Mechanic and Repair Technologies/Technicians	1	0					
Total	1	0					

Award of at Least 2 but Less than 4 Academic Years, Private For-Profit, 2-Year, Newbridge College-Long Beach

Major Name	2016	2015	2014	2013	2012	2011	2010
Health Professions and Related Clinical Sciences					0	73	78
Total					0	73	78

Award of at Least 2 but Less than 4 Academic Years, Private For-Profit, 2-Year, North-West College-Long Beach

Major Name	2016	2015	2014	2013	2012	2011	2010
Health Professions and Related Clinical Sciences	16	0	0				
Total	16	0	0				

Bachelor's Degree, Public, 4-Year or Above, California State University-Long Beach

Major Name	2016	2015	2014	2013	2012	2011	2010
Natural Resources and Conservation	61	48	54	39	24	19	16
Area, Ethnic, Cultural, and Gender Studies	100	108	100	101	97	81	89
Communications, Journalism and Related Services	574	520	110	104	220	261	268
Computer and Information Sciences and Support Services	92	81	71	46	44	53	
Education	0	0	0	0	18	161	259
Engineering	569	502	450	371	305	286	312
Engineering Technologies/Technicians	83	83	64	61	62	60	73
Foreign Languages, Literatures and Linguistics	100	129	136	122	102	105	90
Family and Consumer Sciences/Human Sciences	579	596	499	441	428	394	358
English Language and Literature/Letters	258	226	635	634	611	636	681
Liberal Arts and Sciences, General Studies and Humanities	157	227	245	335	297	324	331
Biological and Biomedical Sciences	293	259	249	250	249	266	269
Mathematics and Statistics	50	72	61	64	41	60	65
Multi/Interdisciplinary Studies	41	44	1	0	2	3	
Parks, Recreation, Leisure and Fitness Studies	312	300	266	242	265	225	232
Philosophy and Religious Studies	33	36	42	52	37	50	49
Physical Sciences	69	71	59	42	27	40	37
Psychology	443	446	405	376	320	352	363
Security and Protective Services	123	124	123	148	155	177	247
Public Administration and Social Service Professions	67	63	67	46	52	56	57
Social Sciences	758	719	754	658	507	502	514
Visual and Performing Arts	864	838	885	857	655	689	600
Health Professions and Related Clinical Sciences	867	796	729	655	569	548	516
Business, Management, Marketing, and Related Support Services	1144	1074	1021	1053	985	1258	1283
History	143	119	116	134	99	140	132
Total	7780	7481	7142	6831	6171	6746	6841

Bachelor's Degree, Private Not-for-Profit, 4-Year or Above, Charles R Drew University of
Medicine and Science

Major Name	2016	2015	2014	2013	2012	2011	2010
Biological and Biomedical Sciences						0	0
Health Professions and Related Clinical Sciences	3	3	1	1	27	30	24
Total	3	3	1	1	27	30	24

Bachelor's Degree, Private Not-for-Profit, 4-Year or Above, Touro University Worldwide

Major Name	2016	2015	2014	2013	2012	2011	2010
Philosophy and Religious Studies	0	0	0				
Theology and Religious Vocations				0	0		
Psychology	20	16	4	9	10		
Public Administration and Social Service Professions	0	0	0				
Health Professions and Related Clinical Sciences	0	0	0				
Business, Management, Marketing, and Related Support Services	25	13	8	8	5		
Total	45	29	12	17	15		

Bachelor's Degree, Private Not-for-Profit, 4-Year or Above, Bethesda University

Major Name	2016	2015	2014	2013	2012	2011	2010
Computer and Information Sciences and Support Services	1	1	2	15	0	0	1
Education	12	2	3	18	3	2	6
Theology and Religious Vocations	8	16	14	49	13	18	10
Visual and Performing Arts	5	9	3	32	4	7	5
Business, Management, Marketing, and Related Support Services	6	4	5				
Total	32	32	27	114	20	27	22

Bachelor's Degree, Private Not-for-Profit, 4-Year or Above, California University of
Management and Sciences

Major Name	2016	2015	2014	2013	2012	2011	2010
Computer and Information Sciences and Support Services			0	0			
Parks, Recreation, Leisure and Fitness Studies	2	2	2	4		0	
Social Sciences			0	0			
Business, Management, Marketing, and Related Support Services	5	2	1	2		3	
Total	7	4	3	6		3	

Bachelor's Degree, Private Not-for-Profit, 4-Year or Above, South Baylo University

Major Name	2016	2015	2014	2013	2012	2011	2010
Health Professions and Related Clinical Sciences	6	10	4	5	13	4	19
Total	6	10	4	5	13	4	19

Bachelor's Degree, Private For-Profit, 4-Year or Above, ITT Technical Institute-Torrance

Major Name	2016	2015	2014	2013	2012	2011	2010
Communications						0	0
Computer and Information Sciences and Support Services				3	21	14	20
Engineering Technologies/Technicians				27	12	18	4
Security and Protective Services				29	22	20	30
Business, Management, Marketing, and Related Support Services				20	15	18	8
Total				79	70	70	62

Bachelor's Degree, Private For-Profit, 4-Year or Above, Westwood College-South Bay

Major Name	2016	2015	2014	2013	2012	2011	2010
Communications				0	0		
Computer and Information Sciences and Support Services		2	13	15	7	13	19
Security and Protective Services		56	72	105	86	85	94
Visual and Performing Arts		25	29	18	23	11	12
Health Professions and Related Clinical Sciences		0	11	6	2	0	0
Business, Management, Marketing, and Related Support Services		25	17	19	9	9	2
Total		108	142	163	127	118	127

Bachelor's Degree, Private For-Profit, 4-Year or Above, Trident University International

Major Name	2016	2015	2014	2013	2012	2011	2010
Computer and Information Sciences and Support Services	115	116	136	171	198	127	162
Health Professions and Related Clinical Sciences	189	239	304	403	517	498	513
Business, Management, Marketing, and Related Support Services	509	422	546	613	770	635	577
Total	813	777	986	1187	1485	1260	1252

Bachelor's Degree, Private For-Profit, 4-Year or Above, Fremont College

Major Name	2016	2015	2014	2013	2012	2011	2010
Health Professions and Related Clinical Sciences	16	12					
Business, Management, Marketing, and Related Support Services	15	13	11	18	8	1	
Total	31	25	11	18	8	1	

Bachelor's Degree, Private For-Profit, 4-Year or Above, American University of Health Sciences

Major Name	2016	2015	2014	2013	2012	2011	2010
Health Professions and Related Clinical Sciences	86	51	59	41	27	24	25
Total	86	51	59	41	27	24	25

Bachelor's Degree, Private For-Profit, 4-Year or Above, Southern California Institute of Technology

Major Name	2016	2015	2014	2013	2012	2011	2010
Computer and Information Sciences and Support Services	14	3	2	4			
Engineering	110	42	56	46			
Engineering Technologies/Technicians	0	0	0	1			
Business, Management, Marketing, and Related Support Services	0	1	3	13			
Total	124	46	61	64			

Post-baccalaureate Certificate, Private Not-for-Profit, 4-Year or Above, Charles R Drew University of Medicine and Science

Major Name	2016	2015	2014	2013	2012	2011	2010
Health Professions and Related Clinical Sciences	49	22	14	2	0	3	2
Total	49	22	14	2	0	3	2

Post-baccalaureate Certificate, Private For-Profit, 4-Year or Above, Trident University International

Major Name	2016	2015	2014	2013	2012	2011	2010
Computer and Information Sciences and Support Services	5	8	12				
Education	10	14	19				
Security and Protective Services	5	7	2				
Health Professions and Related Clinical Sciences	8	8	10				
Business, Management, Marketing, and Related Support Services	39	36	40				
Total	67	73	83				

Master's Degree, Public, 4-Year or Above, California State University-Long Beach

Major Name	2016	2015	2014	2013	2012	2011	2010
Area, Ethnic, Cultural, and Gender Studies	5	1	5	6	4	6	3
Communications, Journalism and Related Services	12	13					
Computer and Information Sciences and Support Services	115	81	71	88	86	51	43
Education	183	186	231	287	319	317	288
Engineering	243	168	167	154	174	193	157
Foreign Languages, Literatures and Linguistics	43	40	41	40	24	40	43
Family and Consumer Sciences/Human Sciences	2	0	0	0	2		5
English Language and Literature/Letters	44	57	55	55	78	67	56
Biological and Biomedical Sciences	20	18	31	34	20	20	22
Mathematics and Statistics	47	56	61	47	58	41	36
Multi/Interdisciplinary Studies	6	8	9	9	10	13	5
Parks, Recreation, Leisure and Fitness Studies	102	88	99	90	108	76	92
Philosophy and Religious Studies	7	12	16	17	13	11	14
Physical Sciences	23	21	39	23	23	12	18
Psychology	44	58	46	25	18	21	19
Security and Protective Services	22	21	29	16	35	81	154
Public Administration and Social Service Professions	352	296	299	322	281	325	356
Social Sciences	66	48	39	26	43	30	38
Visual and Performing Arts	49	75	74	71	71	95	81
Health Professions and Related Clinical Sciences	271	292	267	259	225	243	218
Business, Management, Marketing, and Related Support Services	71	82	105	107	134	156	157
History	8	6	12	20	14	18	11
Total	1735	1627	1696	1696	1740	1816	1816

Master's Degree, Private Not-for-Profit, 4-Year or Above, Charles R Drew University of Medicine and Science

Major Name	2016	2015	2014	2013	2012	2011	2010
Health Professions and Related Clinical Sciences	169	155	181	195	107	10	12
Total	169	155	181	195	107	10	12

Master's Degree, Private Not-for-Profit, 4-Year or Above, Touro University Worldwide

Major Name	2016	2015	2014	2013	2012	2011	2010
Communications, Journalism and Related Services				7	28		
Multi/Interdisciplinary Studies	0						
Psychology	55	27	33	7	1		
Health Professions and Related Clinical Sciences	47	23	20				
Business, Management, Marketing, and Related Support Services	61	17	13	11	1		
Total	163	67	66	25	30		

Master's Degree, Private Not-for-Profit, 4-Year or Above, Bethesda University

Major Name	2016	2015	2014	2013	2012	2011	2010
Foreign Languages, Literatures and Linguistics				2	2	2	0
Theology and Religious Vocations	10	13	10	9	9	20	15
Visual and Performing Arts	3	2	4	23	5	2	0
Business, Management, Marketing, and Related Support Services	0	0	0				
Total	13	15	14	34	16	24	15

Master's Degree, Private Not-for-Profit, 4-Year or Above, California University of Management and Sciences

Major Name	2016	2015	2014	2013	2012	2011	2010
Computer and Information Sciences and Support Services	54	33	43	12			
Parks, Recreation, Leisure and Fitness Studies	1	8	11	8		0	
Social Sciences	0	0	0	0			
Health Professions and Related Clinical Sciences	12	0	0				
Business, Management, Marketing, and Related Support Services	84	86	80	74		8	
Total	151	127	134	94		8	

Master's Degree, Private Not-for-Profit, 4-Year or Above, South Baylo University

Major Name	2016	2015	2014	2013	2012	2011	2010
Health Professions and Related Clinical Sciences	143	131	122	95	72	109	152
Total	143	131	122	95	72	109	152

Master's Degree, Private For-Profit, 4-Year or Above, Trident University International

Major Name	2016	2015	2014	2013	2012	2011	2010
Computer and Information Sciences and Support Services	89	95	94	136	159	163	121
Education	100	136	155	254	286	253	265
Security and Protective Services	55	52	40	16	3	0	
Health Professions and Related Clinical Sciences	179	160	255	369	398	406	378
Business, Management, Marketing, and Related Support Services	405	443	596	802	966	798	930
Total	828	886	1140	1577	1812	1620	1694

Master's Degree, Private For-Profit, 4-Year or Above, American University of Health Sciences

Major Name	2016	2015	2014	2013	2012	2011	2010
Health Professions and Related Clinical Sciences	0	0	1	1	2	0	1
Total	0	0	1	1	2	0	1

Post-master's Certificate, Private Not-for-Profit, 4-Year or Above, Charles R Drew University of Medicine and Science

Major Name	2016	2015	2014	2013	2012	2011	2010
Health Professions and Related Clinical Sciences	34	2	12	1			
Total	34	2	12	1			

Doctor's Degree - Total, Public, 4-Year or Above, California State University-Long Beach

Major Name	2016	2015	2014	2013	2012	2011	2010
Education	17	23	27	20	20	26	13
Health Professions and Related Clinical Sciences	28	31					
Total	45	54	27	20	20	26	13

Doctor's Degree - Total, Private Not-for-Profit, 4-Year or Above, Touro University Worldwide

Major Name	2016	2015	2014	2013	2012	2011	2010
Psychology	1	0	0	0			
Total	1	0	0	0			

Doctor's Degree - Total, Private Not-for-Profit, 4-Year or Above, Bethesda University

Major Name	2016	2015	2014	2013	2012	2011	2010
Theology and Religious Vocations	0	0					
Total	0	0					

Doctor's Degree - Total, Private Not-for-Profit, 4-Year or Above, California University of Management and Sciences

Major Name	2016	2015	2014	2013	2012	2011	2010
Business, Management, Marketing, and Related Support Services			0	0			
Total			0	0			

Doctor's Degree - Total, Private For-Profit, 4-Year or Above, Trident University International

Major Name	2016	2015	2014	2013	2012	2011	2010
Education	7	10	12	13	14	18	14
Health Professions and Related Clinical Sciences	3	4	7	15	12	23	28
Business, Management, Marketing, and Related Support Services	4	8	4	6	14	4	12
Total	14	22	23	34	40	45	54

Doctor's Degree - Total, Private For-Profit, 4-Year or Above, South Baylo University

Major Name	2016	2015	2014	2013	2012	2011	2010
Health Professions and Related Clinical Sciences	21	11	13	13	21	14	0
Total	21	11	13	13	21	14	0

Doctor's Degree- Separate, Public, 4-Year or Above, California State University-Long Beach, Doctor's Degree - Research/Scholarship

Major Name	2016	2015	2014	2013	2012	2011	2010
Health Professions and Related Clinical Sciences	0	31					
Total	0	31					

Doctor's Degree- Separate, Public, 4-Year or Above, California State University-Long Beach, Doctor's Degree - Professional Practice

Major Name	2016	2015	2014	2013	2012	2011	2010
Education	0	23	27	20	20	26	13
Health Professions and Related Clinical Sciences	28						
Total	28	23	27	20	20	26	13

Doctor's Degree- Separate, Public, 4-Year or Above, California State University-Long Beach, Doctor's Degree - Other

Major Name	2016	2015	2014	2013	2012	2011	2010
Education	17						
Total	17						

Doctor's Degree - Research/Scholarship, Private Not-for-Profit, 4-Year or Above, Touro
University Worldwide

Major Name	2016	2015	2014	2013	2012	2011	2010
Psychology	1	0	0	0			
Total	1	0	0	0			

Doctor's Degree - Research/Scholarship, Private For-Profit, 4-Year or Above, Trident University
International

Major Name	2016	2015	2014	2013	2012	2011	2010
Education	7	10	12	13	14	18	14
Health Professions and Related Clinical Sciences	3	4	7	15	12	23	28
Business, Management, Marketing, and Related Support Services	4	8	4	6	14	4	12
Total	14	22	23	34	40	45	54

Doctor's Degree - Professional Practice, Private Not-for-Profit, 4-Year or Above, Bethesda
University

Major Name	2016	2015	2014	2013	2012	2011	2010
Theology and Religious Vocations	0	0					
Total	0	0					

Doctor's Degree - Professional Practice, Private Not-for-Profit, 4-Year or Above, California
University of Management and Sciences

Major Name	2016	2015	2014	2013	2012	2011	2010
Business, Management, Marketing, and Related Support Services			0	0			
Total			0	0			

Doctor's Degree - Professional Practice, Private Not-for-Profit, 4-Year or Above, California
University of Management and Sciences

Major Name	2016	2015	2014	2013	2012	2011	2010
Health Professions and Related Clinical Sciences	21	11	13	13	21	14	0
Total	21	11	13	13	21	14	0