

APPENDIX E: INVENTORY OF CYBERSECURITY PROGRAMS

Inventory of Cybersecurity (and Closely Related) Programs at Postsecondary Institutions in California, by Region (2016) (continued)

Educational Institution	Region	Award of less than 1 academic year	Award of at least 1 but less than 2 academic years	Associate degree	Award of 2 but less than 4 academic years	Bachelor's degree	Post-master's certificate	Master's degree	Post-baccalaureate certificate	Doctor's degree -- research/scholarship	Grand Total
Likely Includes Cybersecurity (continued)											
Evergreen Valley College	Bay Area	0	0	1	0	0	0	0	0	0	1
Foothill College	Bay Area	1	0	4	0	0	0	0	0	0	5
Fresno City College	Bay Area	2	0	1	0	0	0	0	0	0	3
Gavilan College	Bay Area	2	0	3	0	0	0	0	0	0	5
Golden Gate University-San Francisco	Bay Area	1	0	0	0	2	0	2	1	0	6
Hartnell College	Bay Area	0	2	2	0	0	0	0	0	0	4
Holy Names University	Bay Area	0	0	0	0	2	0	0	0	0	2
International Technological University	Bay Area	0	0	0	0	0	0	1	0	0	1
Laney College	Bay Area	0	1	1	0	0	0	0	0	0	2
Las Positas College	Bay Area	2	0	3	0	0	0	0	0	0	5
Los Medanos College	Bay Area	1	1	1	0	0	0	0	0	0	3
Merritt College	Bay Area	1	0	1	0	0	0	0	0	0	2
Mills College	Bay Area	0	0	0	0	1	0	1	1	0	3
Mission College	Bay Area	1	0	2	0	0	0	0	0	0	3
Monterey Peninsula College	Bay Area	2	2	3	0	0	0	0	0	0	7
Napa Valley College	Bay Area	1	2	1	0	0	0	0	0	0	4
Naval Postgraduate School	Bay Area	0	0	0	0	0	0	4	1	2	7
Notre Dame de Namur University	Bay Area	0	0	0	0	1	0	1	0	0	2
Ohlone College	Bay Area	5	1	3	0	0	0	0	0	0	9
Pacific Union College	Bay Area	0	0	0	0	2	0	0	0	0	2
San Francisco State University	Bay Area	0	0	0	0	1	0	1	0	0	2
San Jose City College	Bay Area	2	2	3	0	0	0	0	0	0	7
San Jose State University	Bay Area	0	0	0	0	1	0	1	0	0	2
Santa Clara University	Bay Area	0	0	0	0	1	0	1	0	0	2
Santa Rosa Junior College	Bay Area	5	1	1	0	0	0	0	0	0	7
Skyline College	Bay Area	2	0	2	0	0	0	0	0	0	4
Solano Community College	Bay Area	1	1	2	0	0	0	0	0	0	4
Sonoma State University	Bay Area	0	0	0	0	1	0	0	0	0	1
Stanford University	Bay Area	0	0	0	0	1	0	1	0	1	3
University of California-Berkeley	Bay Area	0	0	0	0	1	0	2	0	2	5
University of California-San Francisco	Bay Area	0	0	0	0	0	0	1	0	1	2
University of California-Santa Cruz	Bay Area	0	0	0	0	5	0	1	0	1	7
University of San Francisco	Bay Area	0	0	0	0	2	0	3	0	0	5
West Valley College	Bay Area	2	0	4	0	0	0	0	0	0	6

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Likely Includes Cybersecurity (continued)											
Argosy University-Inland Empire	Inland Empire/Desert Region	0	0	1	0	1	0	0	0	0	2
Argosy University-The Art Institute of California-Inland Empire	Inland Empire/Desert Region	0	1	0	0	1	0	0	0	0	2
Barstow Community College	Inland Empire/Desert Region	1	0	1	0	0	0	0	0	0	2
California Baptist University	Inland Empire/Desert Region	0	0	0	0	2	0	0	0	0	2
California State University-San Bernardino	Inland Empire/Desert Region	0	0	0	0	2	0	1	0	0	3
Chaffey College	Inland Empire/Desert Region	2	2	3	0	0	0	0	0	0	7
College of the Desert	Inland Empire/Desert Region	0	1	2	0	0	0	0	0	0	3
Copper Mountain Community College	Inland Empire/Desert Region	0	3	3	0	0	0	0	0	0	6
Crafton Hills College	Inland Empire/Desert Region	2	0	2	0	0	0	0	0	0	4
La Sierra University	Inland Empire/Desert Region	0	0	0	0	1	0	0	0	0	1
Mayfield College	Inland Empire/Desert Region	1	0	0	0	0	0	0	0	0	1
Milan Institute-Palm Desert	Inland Empire/Desert Region	0	1	0	0	0	0	0	0	0	1
Moreno Valley College	Inland Empire/Desert Region	2	1	3	0	0	0	0	0	0	6
Mt San Jacinto Community College District	Inland Empire/Desert Region	3	2	2	0	0	0	0	0	0	7
Norco College	Inland Empire/Desert Region	3	2	3	0	0	0	0	0	0	8
Palo Verde College	Inland Empire/Desert Region	3	0	1	0	0	0	0	0	0	4
Riverside City College	Inland Empire/Desert Region	3	1	3	0	0	0	0	0	0	7
San Bernardino Valley College	Inland Empire/Desert Region	3	1	1	0	0	0	0	0	0	5
University of California-Riverside	Inland Empire/Desert Region	0	0	0	0	2	0	1	0	1	4
University of Redlands	Inland Empire/Desert Region	0	0	0	0	2	0	1	0	0	3
Victor Valley College	Inland Empire/Desert Region	1	0	1	0	0	0	0	0	0	2
ABCO Technology	Los Angeles/Orange County	2	0	0	0	0	0	0	0	0	2
Advanced Computing Institute	Los Angeles/Orange County	2	1	2	0	0	0	0	0	0	5
Allied American University	Los Angeles/Orange County	3	0	1	0	1	0	0	0	0	5

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Likely Includes Cybersecurity (continued)											
Argosy University-Los Angeles	Los Angeles/Orange County	0	0	1	0	1	0	0	0	0	2
Argosy University-Orange County	Los Angeles/Orange County	0	0	1	0	1	0	0	0	0	2
Argosy University-The Art Institute of California-Hollywood	Los Angeles/Orange County	0	1	1	0	1	0	0	0	0	3
Argosy University-The Art Institute of California-Los Angeles	Los Angeles/Orange County	0	1	1	0	1	0	0	0	0	3
Argosy University-The Art Institute of California-Orange County	Los Angeles/Orange County	0	1	1	0	1	0	0	0	0	3
Art Center College of Design	Los Angeles/Orange County	0	0	0	0	1	0	1	0	0	2
Azusa Pacific University	Los Angeles/Orange County	0	0	0	0	1	0	1	0	0	2
Bethesda University	Los Angeles/Orange County	0	0	0	0	1	0	0	0	0	1
Biola University	Los Angeles/Orange County	0	0	0	0	2	0	0	0	0	2
Brand College	Los Angeles/Orange County	6	1	0	0	0	0	0	0	0	7
Brandman University	Los Angeles/Orange County	0	0	0	0	1	0	0	0	0	1
California Institute of Technology	Los Angeles/Orange County	0	0	0	0	1	0	1	0	1	3
California Intercontinental University	Los Angeles/Orange County	0	0	1	0	1	0	0	0	0	2
California State Polytechnic University-Pomona	Los Angeles/Orange County	0	0	0	0	1	0	1	0	0	2
California State University-Dominguez Hills	Los Angeles/Orange County	0	0	0	0	2	0	1	0	0	3
California State University-Fullerton	Los Angeles/Orange County	0	0	0	0	1	0	2	0	0	3
California State University-Long Beach	Los Angeles/Orange County	0	0	0	0	2	0	1	0	0	3
California State University-Los Angeles	Los Angeles/Orange County	0	0	0	0	3	0	2	1	0	6
California State University-Northridge	Los Angeles/Orange County	0	0	0	0	4	0	1	0	0	5
California University of Management and Sciences	Los Angeles/Orange County	0	0	0	0	0	0	1	0	0	1
Cerritos College	Los Angeles/Orange County	0	3	4	0	0	0	0	0	0	7
Chapman University	Los Angeles/Orange County	0	0	0	0	2	0	1	0	0	3

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Likely Includes Cybersecurity (continued)											
Claremont Graduate University	Los Angeles/Orange County	0	0	0	0	0	0	1	1	1	3
Claremont McKenna College	Los Angeles/Orange County	0	0	0	0	1	0	0	0	0	1
Coastline Community College	Los Angeles/Orange County	3	1	0	0	0	0	0	0	0	4
Cypress College	Los Angeles/Orange County	5	1	3	0	0	0	0	0	0	9
East Los Angeles College	Los Angeles/Orange County	3	0	1	0	0	0	0	0	0	4
East San Gabriel Valley Regional Occupational Program	Los Angeles/Orange County	1	0	1	0	0	0	0	0	0	2
El Camino College-Compton Center	Los Angeles/Orange County	0	0	1	0	0	0	0	0	0	1
El Camino Community College District	Los Angeles/Orange County	2	2	2	0	0	0	0	0	0	6
Empire College	Los Angeles/Orange County	0	1	1	0	0	0	0	0	0	2
Fremont College	Los Angeles/Orange County	0	0	1	0	0	0	0	0	0	1
Fullerton College	Los Angeles/Orange County	0	1	2	0	0	0	0	0	0	3
Glendale Community College	Los Angeles/Orange County	2	3	3	0	0	0	0	0	0	8
Golden West College	Los Angeles/Orange County	1	0	1	0	0	0	0	0	0	2
Harvey Mudd College	Los Angeles/Orange County	0	0	0	0	1	0	0	0	0	1
Irvine Valley College	Los Angeles/Orange County	3	0	4	0	0	0	0	0	0	7
Learnet Academy Inc	Los Angeles/Orange County	2	0	0	0	0	0	0	0	0	2
Long Beach City College	Los Angeles/Orange County	3	3	3	0	0	0	0	0	0	9
Los Angeles City College	Los Angeles/Orange County	1	1	2	0	0	0	0	0	0	4
Los Angeles Harbor College	Los Angeles/Orange County	0	1	2	0	0	0	0	0	0	3
Los Angeles Mission College	Los Angeles/Orange County	1	2	1	0	0	0	0	0	0	4
Los Angeles Pierce College	Los Angeles/Orange County	3	0	1	0	0	0	0	0	0	4
Los Angeles Southwest College	Los Angeles/Orange County	1	0	3	0	0	0	0	0	0	4
Los Angeles Trade Technical College	Los Angeles/Orange County	0	1	1	0	0	0	0	0	0	2
Los Angeles Valley College	Los Angeles/Orange County	2	1	1	0	0	0	0	0	0	4

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Likely Includes Cybersecurity (continued)											
Loyola Marymount University	Los Angeles/Orange County	0	0	0	0	1	0	0	0	0	1
Mount Saint Mary's University	Los Angeles/Orange County	0	0	1	0	0	0	0	0	0	1
Mt San Antonio College	Los Angeles/Orange County	5	0	2	0	0	0	0	0	0	7
Mt Sierra College	Los Angeles/Orange County	0	0	0	0	1	0	0	0	0	1
Occidental College	Los Angeles/Orange County	0	0	0	0	1	0	0	0	0	1
Orange Coast College	Los Angeles/Orange County	0	2	2	0	0	0	0	0	0	4
Pacific States University	Los Angeles/Orange County	0	0	0	0	1	0	1	0	0	2
Palladium Technical Academy	Los Angeles/Orange County	0	1	0	0	0	0	0	0	0	1
Pasadena City College	Los Angeles/Orange County	3	0	3	1	0	0	0	0	0	7
Pepperdine University	Los Angeles/Orange County	0	0	0	0	1	0	0	0	0	1
Pitzer College	Los Angeles/Orange County	0	0	0	0	1	0	0	0	0	1
Pomona College	Los Angeles/Orange County	0	0	0	0	1	0	0	0	0	1
Rio Hondo College	Los Angeles/Orange County	1	1	1	0	0	0	0	0	0	3
Saddleback College	Los Angeles/Orange County	3	0	4	0	0	0	0	0	0	7
Santa Ana College	Los Angeles/Orange County	5	2	2	0	0	0	0	0	0	9
Santa Monica College	Los Angeles/Orange County	0	3	3	0	0	0	0	0	0	6
Santiago Canyon College	Los Angeles/Orange County	3	0	2	0	0	0	0	0	0	5
Scripps College	Los Angeles/Orange County	0	0	0	0	1	0	0	0	0	1
Southern California Institute of Technology	Los Angeles/Orange County	0	1	0	0	1	0	0	0	0	2
Stanbridge College	Los Angeles/Orange County	1	0	1	0	1	0	0	0	0	3
The Master's University and Seminary	Los Angeles/Orange County	0	0	0	0	2	0	0	0	0	2
Trident University International	Los Angeles/Orange County	0	0	0	0	2	0	1	1	0	4
Unitek College	Los Angeles/Orange County	1	0	0	0	0	0	0	0	0	1
University of California-Irvine	Los Angeles/Orange County	0	0	0	0	3	0	2	0	2	7
University of California-Los Angeles	Los Angeles/Orange County	0	0	0	0	1	0	2	0	2	5

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Likely Includes Cybersecurity (continued)											
University of La Verne	Los Angeles/Orange County	0	0	0	0	1	0	0	0	0	1
University of Southern California	Los Angeles/Orange County	0	0	0	0	1	0	3	1	1	6
University of the People	Los Angeles/Orange County	0	0	1	0	1	0	0	0	0	2
University of the West	Los Angeles/Orange County	0	0	0	0	0	0	1	0	0	1
West Los Angeles College	Los Angeles/Orange County	1	1	1	0	0	0	0	0	0	3
Advanced Training Associates	San Diego/Imperial	1	0	1	0	0	0	0	0	0	2
Argosy University-San Diego	San Diego/Imperial	0	0	1	0	1	0	0	0	0	2
Argosy University-The Art Institute of California-San Diego	San Diego/Imperial	0	1	0	0	1	0	0	0	0	2
Ashford University	San Diego/Imperial	0	0	0	0	1	0	0	0	0	1
Associated Technical College-San Diego	San Diego/Imperial	1	0	0	0	0	0	0	0	0	1
California College San Diego	San Diego/Imperial	0	0	4	0	3	0	0	0	0	7
California State University-San Marcos	San Diego/Imperial	0	0	0	0	1	0	1	0	0	2
Coleman University	San Diego/Imperial	0	0	3	0	3	0	0	0	0	6
Cuyamaca College	San Diego/Imperial	2	1	1	0	0	0	0	0	0	4
Grossmont College	San Diego/Imperial	1	2	2	0	0	0	0	0	0	5
Imperial Valley College	San Diego/Imperial	2	0	3	0	0	0	0	0	0	5
MediaTech Institute-Oceanside	San Diego/Imperial	0	2	0	0	0	0	0	0	0	2
MiraCosta College	San Diego/Imperial	5	0	3	0	0	0	0	0	0	8
National University	San Diego/Imperial	1	0	0	0	2	0	2	0	0	5
Palomar College	San Diego/Imperial	2	3	3	0	0	0	0	0	0	8
Platt College-San Diego	San Diego/Imperial	1	1	0	0	0	0	0	0	0	2
Point Loma Nazarene University	San Diego/Imperial	0	0	0	0	1	0	0	0	0	1
San Diego City College	San Diego/Imperial	3	1	1	0	0	0	0	0	0	5
San Diego Mesa College	San Diego/Imperial	3	1	2	0	0	0	0	0	0	6
San Diego Miramar College	San Diego/Imperial	2	1	1	0	0	0	0	0	0	4
San Diego State University	San Diego/Imperial	0	0	0	0	2	0	2	0	0	4
Southwestern College	San Diego/Imperial	5	3	7	0	0	0	0	0	0	15
University of California-San Diego	San Diego/Imperial	0	0	0	0	1	0	2	0	1	4
University of San Diego	San Diego/Imperial	0	0	0	0	1	0	0	0	0	1
Allan Hancock College	South Central Coast	1	0	2	0	0	0	0	0	0	3

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Likely Includes Cybersecurity (continued)											
Antelope Valley College	South Central Coast	0	3	3	0	0	0	0	0	0	6
California Lutheran University	South Central Coast	0	0	0	0	2	1	1	0	0	4
California Polytechnic State University-San Luis Obispo	South Central Coast	0	0	0	0	1	0	1	0	0	2
California State University-Channel Islands	South Central Coast	0	0	0	0	2	0	1	0	0	3
College of the Canyons	South Central Coast	1	0	1	0	0	0	0	0	0	2
Cuesta College	South Central Coast	1	0	2	0	0	0	0	0	0	3
Laurus College	South Central Coast	1	1	2	0	0	0	0	0	0	4
Moorpark College	South Central Coast	1	1	2	0	0	0	0	0	0	4
Oxnard College	South Central Coast	0	1	1	0	0	0	0	0	0	2
Santa Barbara Business College-Ventura	South Central Coast	0	0	1	0	0	0	0	0	0	1
Santa Barbara City College	South Central Coast	0	1	2	0	0	0	0	0	0	3
University of California-Santa Barbara	South Central Coast	0	0	0	0	1	0	1	0	1	3
Westmont College	South Central Coast	0	0	0	0	1	0	0	0	0	1
Bakersfield College	Central California	0	3	3	0	0	0	0	0	0	6
California State University-Bakersfield	Central California	0	0	0	0	1	0	0	0	0	1
California State University-Fresno	Central California	0	0	0	0	1	0	1	0	0	2
California State University-Stanislaus	Central California	0	0	0	0	3	0	0	0	0	3
Cerro Coso Community College	Central California	1	2	3	0	0	0	0	0	0	6
Clovis Community College	Central California	1	0	2	0	0	0	0	0	0	3
College of the Sequoias	Central California	1	2	1	0	0	0	0	0	0	4
Columbia College	Central California	2	1	1	0	0	0	0	0	0	4
Merced College	Central California	0	0	2	0	0	0	0	0	0	2
Milan Institute-Visalia	Central California	0	1	0	0	0	0	0	0	0	1
Modesto Junior College	Central California	2	0	1	0	0	0	0	0	0	3
MTI Business College Inc	Central California	0	1	0	0	0	0	0	0	0	1
Porterville College	Central California	1	1	1	0	0	0	0	0	0	3
Reedley College	Central California	3	0	2	0	0	0	0	0	0	5
San Joaquin Delta College	Central California	2	1	2	0	0	0	0	0	0	5
San Joaquin Valley College-Visalia	Central California	0	1	2	0	0	0	0	0	0	3
Santa Barbara Business College-Bakersfield	Central California	0	0	2	0	0	0	0	0	0	2
Taft College	Central California	2	0	0	0	0	0	0	0	0	2
University of the Pacific	Central California	0	0	0	0	1	0	0	0	0	1

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Likely Includes Cybersecurity (continued)											
West Hills College-Coalinga	Central California	1	0	1	0	0	0	0	0	0	2
West Hills College-Lemoore	Central California	1	0	1	0	0	0	0	0	0	2
American River College	Far North	4	1	4	0	0	0	0	0	0	9
Argosy University-The Art Institute of California-Sacramento	Far North	0	1	1	0	1	0	0	0	0	3
Asher College	Far North	0	2	2	0	0	0	0	0	0	4
Butte College	Far North	2	1	3	0	0	0	0	0	0	6
California State University-Chico	Far North	0	0	0	0	2	0	1	0	0	3
California State University-Sacramento	Far North	0	0	0	0	1	0	1	0	0	2
College of the Siskiyous	Far North	0	0	1	0	0	0	0	0	0	1
Cosumnes River College	Far North	6	1	2	0	0	0	0	0	0	9
Feather River Community College District	Far North	0	1	1	0	0	0	0	0	0	2
Folsom Lake College	Far North	3	0	1	0	0	0	0	0	0	4
Humboldt State University	Far North	0	0	0	0	2	0	0	0	0	2
Lake Tahoe Community College	Far North	1	1	1	0	0	0	0	0	0	3
Mendocino College	Far North	1	0	2	0	0	0	0	0	0	3
MTI College	Far North	2	1	0	0	0	0	0	0	0	3
Sacramento City College	Far North	4	5	4	0	0	0	0	0	0	13
Shasta College	Far North	0	0	1	0	0	0	0	0	0	1
Sierra College	Far North	4	0	6	0	0	0	0	0	0	10
University of California-Davis	Far North	0	0	0	0	1	0	1	0	1	3
Yuba College	Far North	1	0	2	0	0	0	0	0	0	3
Computer Training Academy	N/A	2	0	0	0	0	0	0	0	0	2
DeVry University-California	N/A	0	0	1	0	3	0	0	0	0	4
University of Phoenix - California	N/A	1	0	1	0	4	0	1	0	0	7
Grand Total		361	172	354	2	161	1	91	15	20	1177

Source: National Center for Educational Statistics, IPEDS data

Note: Data are from 2016, the most recent year available

APPENDIX F: PROGRAM AWARDS IN CYBERSECURITY

Program Awards in Cybersecurity (and Closely Related Programs) at Postsecondary Institutions in California, Five-Year Trends

	2012	2013	2014	2015	2016	5-Year Total
Focused on Cybersecurity	452	499	788	922	813	3,474
Computer and Information Systems Security/ Information Assurance	356	482	707	815	694	3,054
Associate degree	63	82	64	85	192	486
Award of at least 1 but less than 2 academic years	5	2	2	2	4	15
Award of less than 1 academic year	88	84	98	87	157	514
Bachelor's degree	195	217	399	450	132	1,393
Master's degree	5	50	73	106	100	334
Postbaccalaureate certificate		47	71	85	109	312
Cyber/Computer Forensics and Counterterrorism					0	0
Master's degree					0	0
Cyber/Electronic Operations and Warfare	96	17	81	107	119	420
Master's degree			9	10	22	41
Postbaccalaureate certificate	96	17	72	97	97	379
Includes Cybersecurity	3,103	3,637	3,457	3,293	2,401	15,891
Computer Software Technology/Technician	0	0	0	0	3	3
Award of at least 1 but less than 2 academic years	0	0	0	0		0
Bachelor's degree					3	3
Computer Systems Networking and Telecommunications	1,764	1,919	1,414	1,383	1,314	7,794
Associate degree	983	1005	475	383	321	3,167
Award of at least 1 but less than 2 academic years	289	218	231	224	167	1,129
Award of less than 1 academic year	376	418	462	517	566	2,339
Bachelor's degree	76	192	190	203	191	852
Doctor's degree – research/scholarship	2	5	3	3	3	16
Master's degree	38	73	48	52	66	277
Postbaccalaureate certificate		8	5	1	0	14
Critical Infrastructure Protection	92	86	99	78	97	452
Master's degree	91	86	99	78	97	451
Postbaccalaureate certificate	1					1
Data Modeling/Warehousing and Database Administration	36	31	42	60	97	266
Associate degree	7	2	5	13	14	41
Award of at least 1 but less than 2 academic years		2	0	2	8	12
Award of less than 1 academic year	29	27	26	27	28	137
Bachelor's degree			8	12	7	27
Master's degree		0	3	6	40	49
Homeland Security	658	522	396	245	150	1,971
Associate degree	178	190	116	77	11	572
Award of at least 1 but less than 2 academic years	1	2	2	1	0	6
Award of less than 1 academic year	466	286	204	108	51	1,115
Bachelor's degree		28	53	47	54	182
Master's degree	13	16	21	12	33	95
Postbaccalaureate certificate		0	0	0	1	1

APPENDIX F: PROGRAM AWARDS IN CYBERSECURITY

Program Awards in Cybersecurity (and Closely Related Programs) at Postsecondary Institutions in California, Five-Year Trends (continued)

	2012	2013	2014	2015	2016	5-Year Total
Includes Cybersecurity (continued)						
Information Resources Management	76	83	100	207	79	545
Bachelor's degree	22	22	39	37	37	157
Doctor's degree – research/scholarship				2	6	8
Master's degree	54	61	61	168	36	380
Management Information Systems, General	154	373	408	407	398	1,740
Award of less than 1 academic year		0	0	0	0	0
Bachelor's degree	137	278	305	302	269	1,291
Master's degree	17	88	98	102	126	431
Postbaccalaureate certificate		7	5	3	3	18
Network and System Administration/Administrator	122	177	176	177	146	798
Associate degree	11	17	42	31	29	130
Award of at least 1 but less than 2 academic years	31	25	34	30	33	153
Award of less than 1 academic year	26	95	41	92	68	322
Bachelor's degree	54	27	45	11	1	138
Master's degree			8	8	15	31
Postbaccalaureate certificate		13	6	5	0	24
System, Networking, and LAN/WAN Management/Manager	123	347	704	629	23	1,826
Associate degree	0	257	625	613		1,495
Award of at least 1 but less than 2 academic years		70	50	16		136
Award of less than 1 academic year	123	20	29		23	195
Telecommunications Management	1	2	0	0	0	3
Award of less than 1 academic year		2	0	0	0	2
Bachelor's degree	0	0	0	0	0	0
Master's degree	1	0	0	0	0	1
Web/Multimedia Management and Webmaster	77	97	118	107	94	493
Associate degree	5	12	12	8	8	45
Award of at least 1 but less than 2 academic years	4	9	10	17	13	53
Award of less than 1 academic year	62	70	83	72	66	353
Bachelor's degree		1	9	7	6	23
Master's degree	6	5	4	3	1	19
Likely Includes Cybersecurity	8,672	8,685	10,712	10,605	12,507	51,181
Artificial Intelligence	10	3	6	12	11	42
Master's degree	10	3	6	12	11	42
Computer and Information Sciences and Support Services, Other	309	247	137	75	62	830
Associate degree	2	0	0	0	0	2
Award of at least 1 but less than 2 academic years	1	6	3	2	3	15
Award of less than 1 academic year	256	214	117	53	49	689
Bachelor's degree	40	18	9	11	4	82
Doctor's degree – research/scholarship	4	5	6	5	3	23
Master's degree	6	4	2	4	3	19