Labor Market Demand, Information Technology   **Central Valley South**

SOC Code	Job Description	2015 Jobs	2018 Jobs	2015-18 Change #	2015-18 Change %	Annual Openings	Entry Wage	Median Wage
11-3021	Computer and Information Systems Managers	771	844	73	9.5%	34	$35.91	$59.04
15-1111	Computer and Information Research	62	66	3	5.1%	3	$31.24	$50.87
15-1121	Computer Systems Analysts	1,377	1,511	134	9.8%	65	$24.66	$39.63
15-1122	Information Security Analysts	135	150	15	11.3%	8	$29.08	$47.62
15-1131	Computer Programmers	585	608	22	3.8%	23	$20.58	$38.76
15-1132	Software Developers, Applications	874	986	112	12.8%	51	$29.49	$53.80
15-1133	Software Developers, Systems Software	642	705	63	9.8%	31	$29.42	$50.63
15-1134	Web Developers	420	465	45	10.6%	21	$14.25	$23.64
15-1141	Database Administrators	270	296	27	9.9%	14	$23.25	$38.93
15-1142	Network and Computer Systems	1,233	1,322	89	7.2%	46	$22.25	$38.73
15-1143	Computer Network Architects	360	385	24	6.8%	15	$29.14	$53.14
15-1151	Computer User Support Specialists	2,134	2,323	188	8.8%	93	$14.03	$24.48
15-1152	Computer Network Support Specialists	541	588	47	8.7%	22	$16.73	$32.91
15-1199	Computer Occupations, All Other	986	1,015	29	3.0%	23	$25.02	$39.57
	Total	**10,390**	**11,262**	**872**	**8.4%**	**449**	**$22.91**	**$39.29**

Annual Openings includes new jobs and replacement jobs.   Entry Wage = 10th percentile wage.

Labor Market Supply, Information Technology -- 2 Year Institutions   **Central Valley South**

TOP 6 -- Program Title	2012-13	2013-14	2014-15	2015-16	Annual Average
070100 - Information Technology, General	**-**	**15**	**27**	**4**	**15**
Associate Degree	-	-	12	-	4
Certificate 6 to < 18 semester units	-	15	15	4	11
070200 - Computer Information Systems	**-**	**104**	**67**	**91**	**87**
Associate Degree	-	25	32	39	32
Certificate 30 to < 60 semester units	-	4	9	6	6
Certificate 18 to < 30 semester units	-	5	4	15	8
Certificate 12 to < 18 units	-	70	22	30	41
Certificate 6 to < 18 semester units	-	-	-	1	0
070210 - Software Applications	**-**	**25**	**87**	**67**	**60**
Associate Degree	-	14	16	15	15
Certificate 30 to < 60 semester units	-	-	-	1	0
Certificate 18 to < 30 semester units	-	6	25	4	12
Certificate 6 to < 18 semester units	-	5	46	47	33
070710 - Computer Programming	**-**	**-**	**1**	**-**	**0**
Certificate 18 to < 30 semester units	-	-	1	-	0
070800 - Computer Infrastructure and Support	**-**	**8**	**26**	**-**	**11**
Certificate 18 to < 30 semester units	-	8	23	-	10
Certificate 12 to < 18 units	-	-	3	-	1
070810 - Computer Networking	**70**	**70**	**51**	**24**	**72**
Associate Degree	-	14	17	17	16
Award 1 < 2 academic yrs	70	50	16	-	45
Certificate 30 to < 60 semester units	-	-	5	4	3
Certificate 18 to < 30 semester units	-	6	13	3	7
070820 - Computer Support	**24**	**24**	**17**		**22**
Associate Degree	24	24	17	-	22
070900 - World Wide Web Administration	**-**	**6**	**-**	**1**	**2**
Associate Degree	-	3	-	-	1
Certificate 18 to < 30 semester units	-	2	-	1	1
Certificate 6 to < 18 semester units	-	1	-	-	0
07 - All Information Technology Programs	**94**	**252**	**276**	**187**	**270**
Associate Degree	24	80	94	71	90
Award 1 < 2 academic yrs	70	50	16	-	45
Certificate 30 to < 60 semester units	-	4	14	11	10
Certificate 18 to < 30 semester units	-	27	66	23	39
Certificate 12 to < 18 units	-	70	25	30	42
Certificate 6 to < 18 semester units	-	21	61	52	45

Summary	
Annual Demand	449
Annual Supply	270
Excess Demand	**179**

Program awards by Heald College, Fresno and ITT Technical Institute, Clovis have been removed since
both institutions are no longer in business.

Central Valley South = Fresno, Madera, Tulare, Kings, and Kern counties.
Data source = EMSI compilation of public and private data for the CCC "Strong Workforce" Centers of Excellence.