

# South Central Coast Region Industry Sector Ratings

Preparation for Program Review



Learning that works  
for California

**Right Skills**

**Right Jobs**

**Right Now**

	Students Enrolled	Completions	Transfers	Skills-Builders with Earnings Gains	Completers Employed within 6 months	Top Middle-Skill Jobs Supply Gap	Top Middle-Skill Jobs Median Wage	Median Change in Earnings upon Completion	Total	Rank
<b>Health</b>	3	2	3	3	1	3	8	3	26	1
<b>Business &amp; Entrepreneurship</b>	2	1	2	2	7	1	7	5	27	2
<b>Public Safety/Government</b>	4	3	5	1	2	11	1	7	34	3
<b>ICT/DM</b>	1	4	1	4	9	10	2	6	37	4
<b>Advanced Manufacturing</b>	6	6	6	6	4	7	5	2	42	5
<b>Energy, Construction and Utilities</b>	8	7	7	7	2	4	3	8	46	6
<b>Education &amp; Human Development</b>	5	5	4	5	7	9	12	4	51	7
<b>Advanced Transportation</b>	9	8	10	8	5	6	6	1	53	8
<b>Retail, Hospitality and Tourism</b>	7	9	8	10	10	2	11	9	66	9
<b>Agriculture, Water and Environmental Technologies</b>	10	10	8	9	6	8	9	10	70	10
<b>Global Trade</b>	11	11	11	11	11	5	4	11	75	11
<b>Life Sciences/Biotech</b>	12	11	12	11	12	12	10	11	91	12

# Top Middle-Skill Jobs Prioritized by:

Top Middle-Skills Supply Gap  
Top Middle-Skills Job Median Wage  
Completers Employed within 6  
Months

Summary Student Data & Top Middle-Skill Jobs Data -- Northern Los Angeles								
	Enrollment	Completions	Transfers	Skill-Builders with Wage Gains	Completers employed within 6 months	Top Middle-Skill Jobs Supply Gap	Top Middle-Skill Jobs Median Wage	Median Change in Earnings Upon Completion
Business and Entrepreneurship	4492	464	393	428	60%	5749	\$22.18	38%
Retail, Hospitality, Tourism	1852	44	80	178	58%	3956	\$18.56	28%
Health	2306	249	240	168	75%	2911	\$17.11	52%
Energy, Construction and Utilities	827	54	10	126	72%	2789	\$28.74	48%
Global Trade	0	0	0	0	0%	2569	\$31.13	0
Advanced Transportation	566	49	0	95	66%	2567	\$24.64	66%
Advanced Manufacturing	1487	120	54	251	76%	2148	\$22.73	61%
Agriculture, Water and Environmental Technologies	169	0	0	31	66%	1130	\$26.33	5%
Education and Human Development	2271	101	160	240	67%	1019	\$17.18	31%
Information and Communication Technologies/Digital Media (ICT/DM)	5852	210	560	474	60%	893	\$32.24	42%
Public Safety/Government	6414	145	153	2090	65%	495	\$25.86	43%
Life Sciences Biotech	0	0	0	0	0%	483	\$20.41	0

# Student Data by Sector

Exhibit 11: Student Data by Sector - Northern Los Angeles

	Community Colleges Offering Courses	Students Enrolled	Completers Employed within 6 months	Median Change in Earnings upon Completion	Students Gender	Students Economically Disadvantaged	Students First Generation	Students Skills Builders	Students Previously Earned Cert or Degree
Advanced Manufacturing	2	1,487	76%	61%	84% Male 15% Female	78%	41%	17%	11%
Advanced Transportation	2	566	66%	66%	89% Male 11% Female	84%	45%	17%	9%
Agriculture, Water and Environmental Technologies	2	169	66%	5%	49% Male 50% Female	66%	35%	18%	17%
Business and Entrepreneurship	2	4,492	60%	38%	52% Male 48% Female	78%	37%	10%	7%
Education and Human Development	2	2,271	67%	31%	13% Male 87% Female	84%	43%	11%	9%
Energy, Construction and Utilities	2	827	72%	48%	79% Male 19% Female	74%	42%	15%	10%
Global Trade	0	-	-	-	-	-	-	-	-
Health	2	2,306	75%	52%	35% Male 65% Female	77%	33%	7%	15%
Information and Communication Technologies/Digital Media	2	5,852	60%	42%	53% Male 46% Female	76%	35%	8%	8%
Life Sciences Biotech	0	-	-	-	-	-	-	-	-
Public Safety	2	6,414	65%	43%	75% Male 24% Female	45%	21%	33%	14%
Retail, Hospitality, Tourism	2	1,852	58%	28%	29% Male 70% Female	85%	43%	10%	7%

\*Cal-PASS Plus Launchboard, 2017-18

# Pandemic-Resilient Jobs

## INDUSTRY SECTORS WITH TOP 50 JOBS FOR MARCH-AUGUST 2020

All 6 months:

- Advanced Manufacturing
- Advanced Transportation
- Business and Entrepreneurship
- Energy, Construction and Utilities
- Health
- ICT & Digital Media
- Retail, Hospitality, and Tourism

Less than 3 months:

- Agriculture, Water, and Environmental Technologies
- Education and Human Development
- Global Trade
- Life Sciences and Biotechnology
- Public Safety and Government

# Pandemic-Resilient Top Middle-Skill Jobs

- Bookkeeping, Accounting, and Auditing Clerks
- Computer Occupations (all)
- Customer Service Representatives
- First Line Supervisors of Office and Administrative Support Workers
- Licensed Practical and Licenses Vocational Nurses
- Maintenance and Repair Workers, General
- Registered Nurses
- Sales Representatives Wholesale and Manufacturing
- Secretaries and Administrative Assistances

## Top Skills by 2025

- Analytical thinking and innovation
- Active learning and learning strategies
- Complex problem-solving
- Critical thinking and analysis
- Creativity, originality and initiative
- Leadership and social influence
- Technology use, monitoring and control
- Technology design and programming
- Resilience, stress tolerance and flexibility
- Reasoning, problem-solving and ideation
- Emotional intelligence
- Troubleshooting and user experience
- Service orientation
- Systems analysis and evaluation
- Persuasion and negotiation

Source: Future of Jobs Survey 2020, World Economic Forum

# Three is the Magic Number

## **Quantitative Data:**

- LMI reports from the Centers of Excellence

- Industry Reports

## **Qualitative Data:**

- Advisory Boards

- Industry Associations and/or Partnerships

- K12 Pathways

## **The Future of Education and Work:**

- High Flex Delivery

- Virtualization and AI

- Focus from degrees to skills

- Integrative Learning

- Credit for prior learning

- Displacement of Jobs

- Creation of Human-Center Jobs