

The North/Far North Labor Market

Far North Center of Excellence

Presentation to NFN Restorative Justice Consortium

Thursday, April 28, 2022



Who is the Center of Excellence?



Region	Director
North/ Far North	Aaron Wilcher (North)
	Sara Phillips (Far North)
Bay Area	John Carrese
Central	Nora Seronello
South Central	Adele Hermann
Los Angeles	Luke Meyer
Orange County	Jesse Crete
Inland Empire/Desert	Michael Goss
San Diego/Imperial	Tina Ngo Bartel
Statewide	Laura Coleman

Snapshot of Subregional Labor Markets

Far North

362,925
2020 Jobs

377,607
2025 Jobs

4%
Projected Change

46,820
Annual Job Openings

North

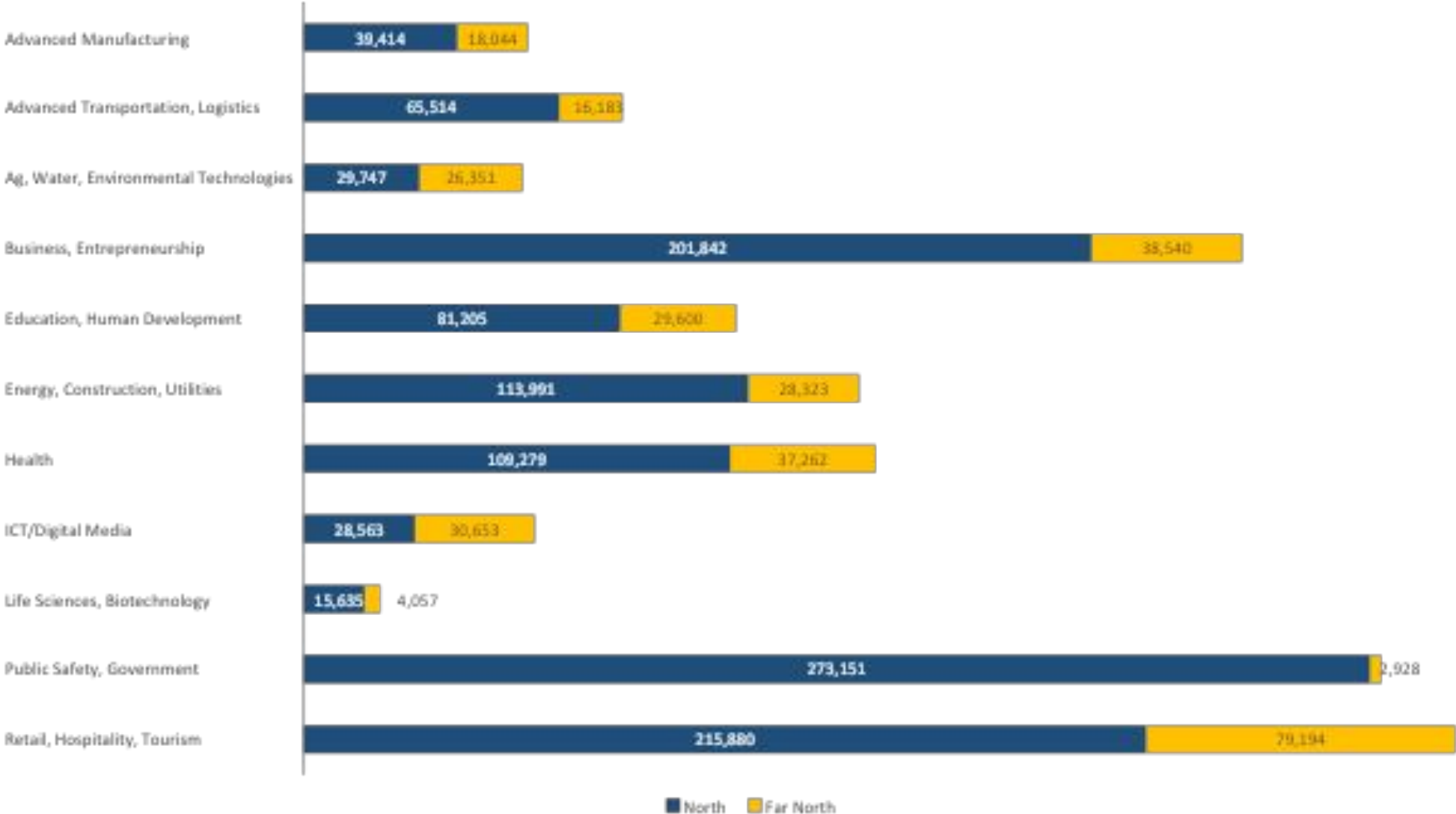
1,200,814
2020 Jobs

1,273,942
2025 Jobs

6%
Projected Change

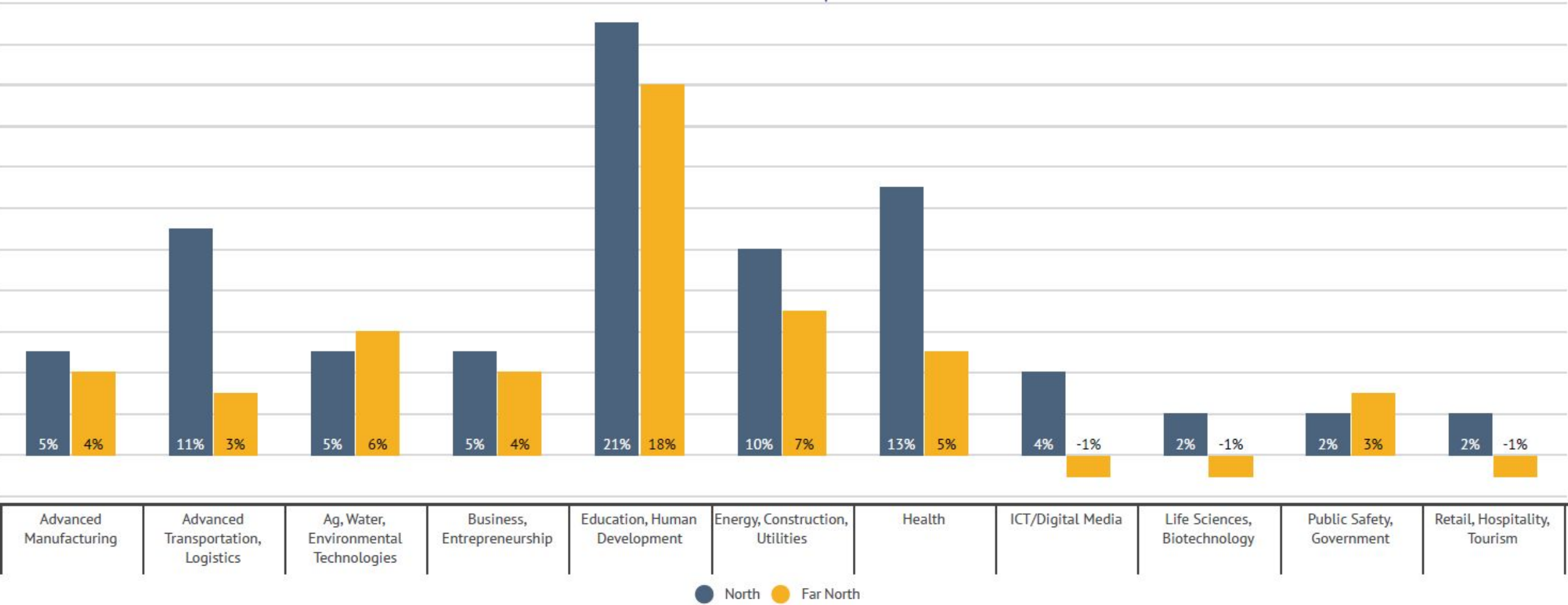
152,567
Annual Job Openings

Distribution of Employment by Industry Sector, 2020



Source: Emsi 2021.3 QCEW Employees, Non-QCEW Employees, and Self-Employed.

Projected Job Growth in the NFN Region, 2020-2025



Source: Emsi 2021.3 QCEW Employees, Non-QCEW Employees, and Self-Employed.

Far North - Employment by Industry Sector, 2020-2025

Sector	2020 Employment	2025 Employment	2020–2025 Projected Change	2020–2025 Projected % Change
Advanced Manufacturing	18,044	18,677	633	4%
Advanced Transportation and Logistics	16,183	16,647	463	3%
Agriculture, Water, and Environmental Technologies	26,351	28,029	1,678	6%
Business and Entrepreneurship	38,540	40,066	1,526	4%
Education and Human Development	29,600	34,835	5,235	18%
Energy, Construction, and Utilities	28,323	30,230	1,907	7%
Health	37,626	39,444	1,818	5%
Information and Communication Technologies (ICT)/Digital Media	30,653	30,265	(388)	(1%)
Life Sciences/Biotech*	4,057	4,032	(25)	(1%)
Public Safety and Government	2,928	3,026	98	3%
Retail, Hospitality, and Tourism	79,194	78,685	(509)	(1%)
Far North Totals	383,304	396,814	13,510	4%

* non-priority sector

Source: Emsi 2021.3 QCEW Employees, Non-QCEW Employees, and Self-Employed.

North - Employment by Industry Sector, 2020-2025

Sector	2020 Jobs	2025 Jobs	2020–2025 Projected Change	2020–2025 Projected % Change
Advanced Manufacturing	39,414	41,394	1,980	5%
Advanced Transportation and Logistics	64,514	71,487	6,972	11%
Agriculture, Water, and Environmental Technologies	29,747	31,099	1,353	5%
Business and Entrepreneurship	201,842	211,541	9,699	5%
Education and Human Development	81,205	98,454	17,249	21%
Energy, Construction, and Utilities	113,991	125,948	11,958	10%
Health	109,279	123,105	13,826	13%
Information and Communication Technologies (ICT)/Digital Media	28,563	29,660	1,097	4%
Life Sciences/Biotech*	15,635	15,908	273	2%
Public Safety and Government	273,151	278,817	5,665	2%
Retail, Hospitality, and Tourism	215,880	219,378	3,498	2%
North (Greater Sacramento) Totals	1,173,220	1,246,790	73,570	6%

* non-priority sector

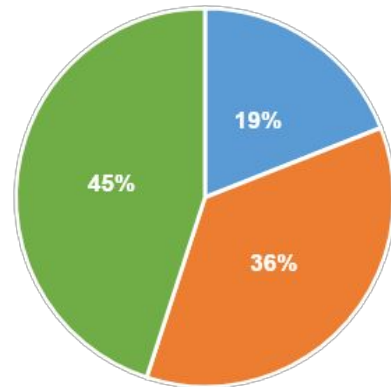
Source: Emsi 2021.3 QCEW Employees, Non-QCEW Employees, and Self-Employed.

Middle Skill Occupations

Middle-skill occupations meet one or more of the following criteria:

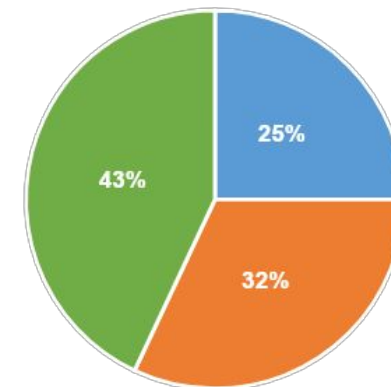
- Some college, a postsecondary non-degree award, or an associate degree
- High school diploma or equivalent + more than short-term OJT (usually long-term)
- High school diploma or equivalent with a significant amount of postsecondary educational attainment levels
- Bachelor's degree if a large share (a third or more) have educational attainment at the community college level
- On-the-job Apprenticeship

Far North



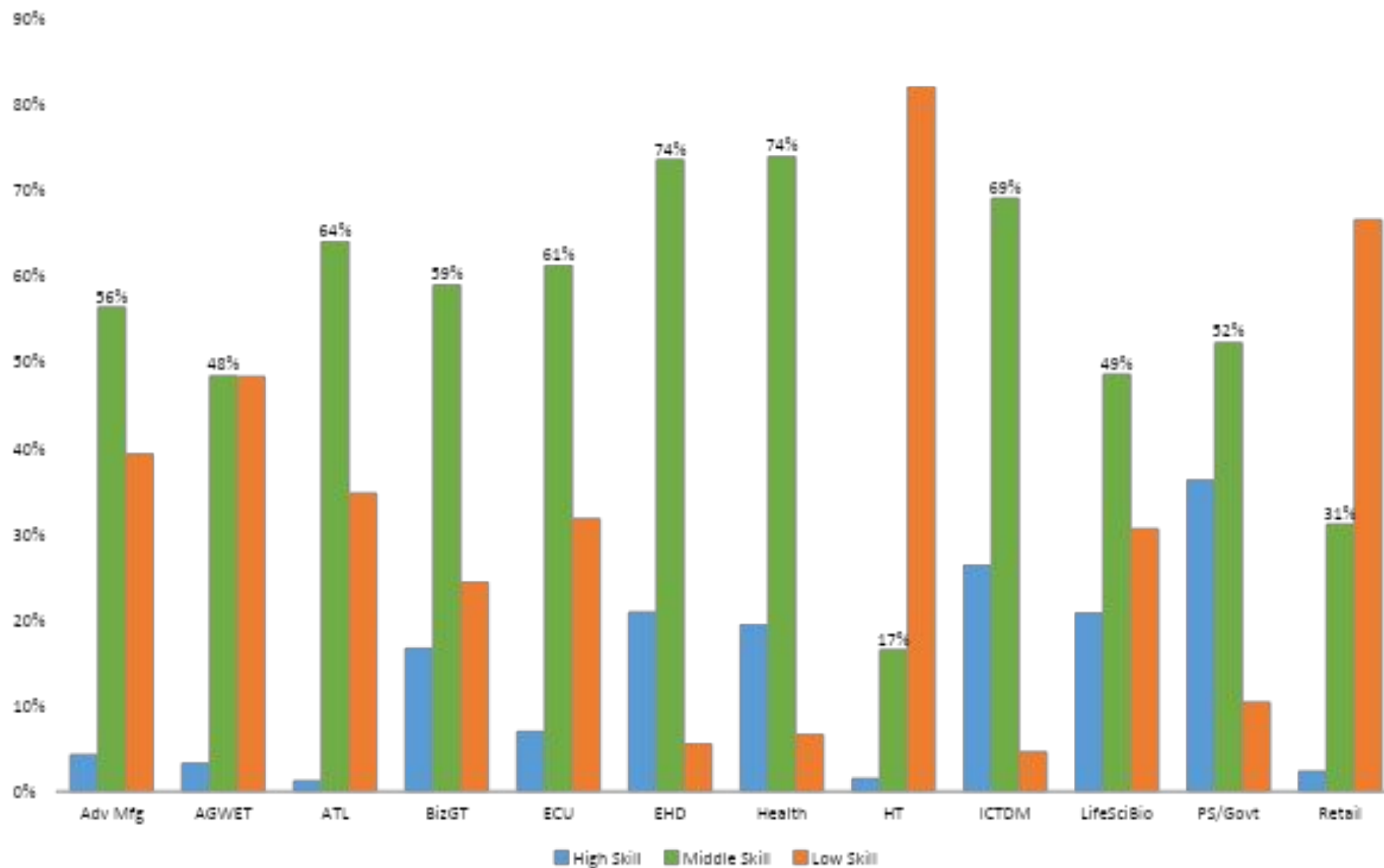
■ High Skill ■ Low Skill ■ Middle-Skill

North

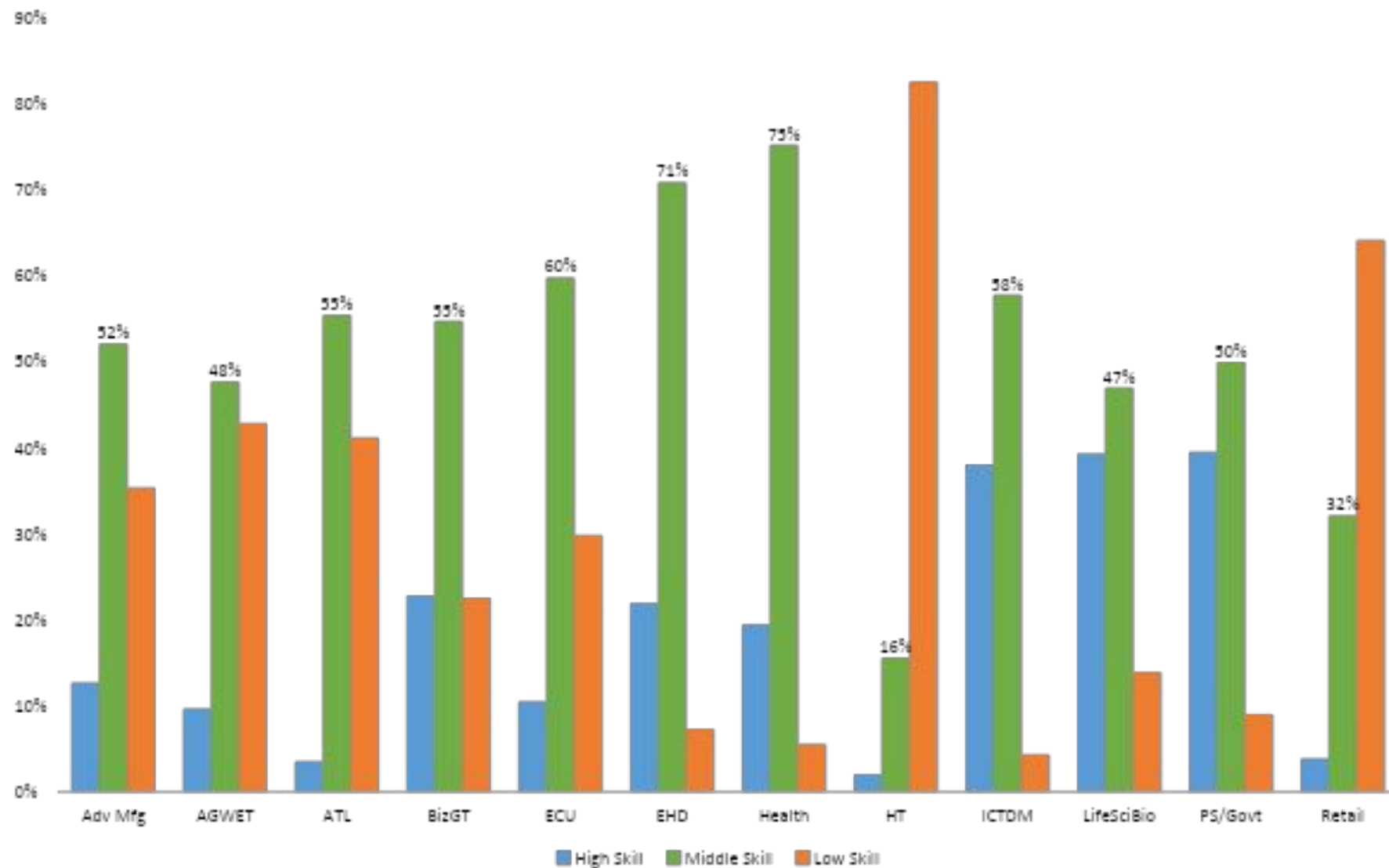


■ High Skill ■ Low Skill ■ Middle-Skill

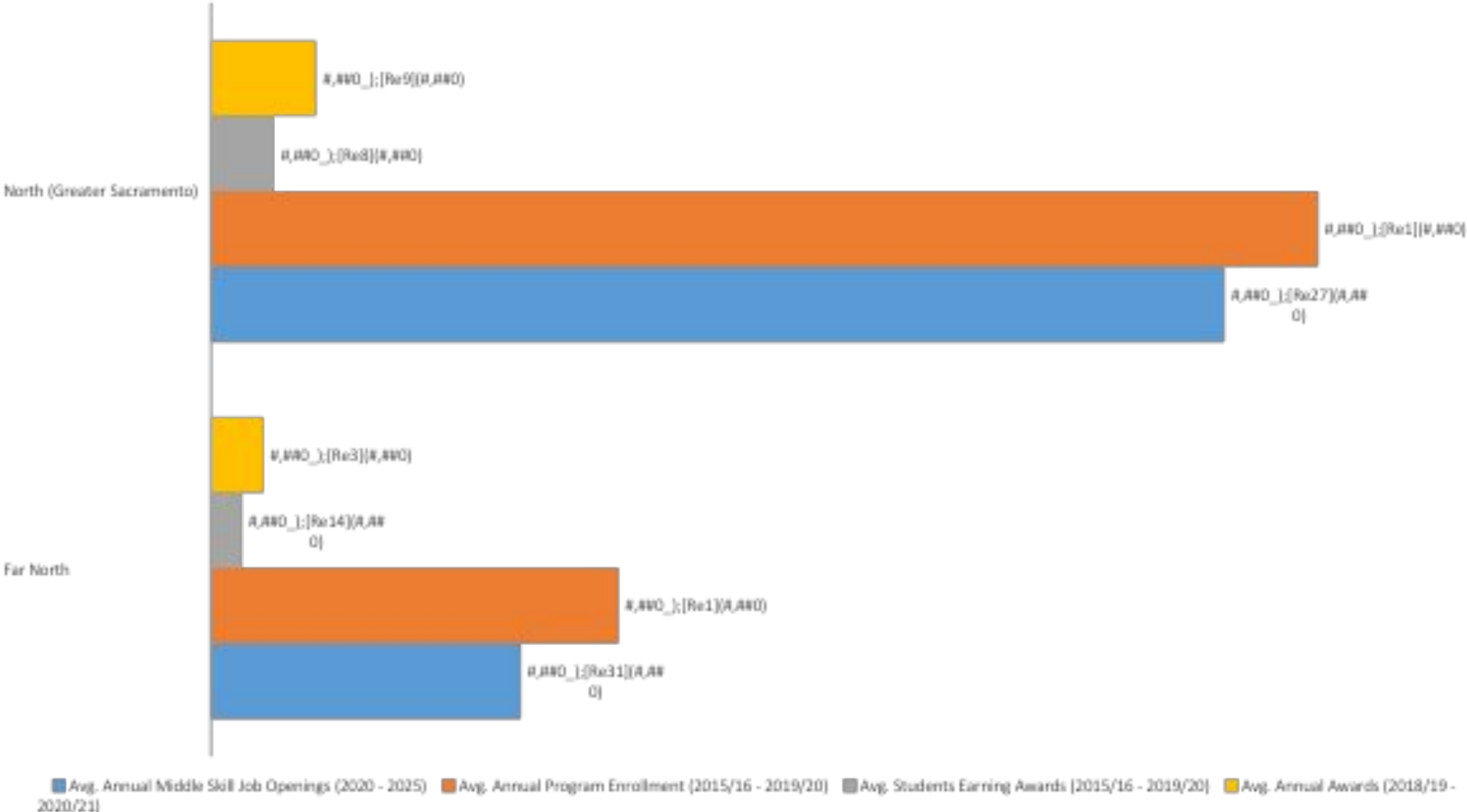
Far North - Share of Jobs by Skill Level 2020



North - Share of Jobs by Skill Level 2020

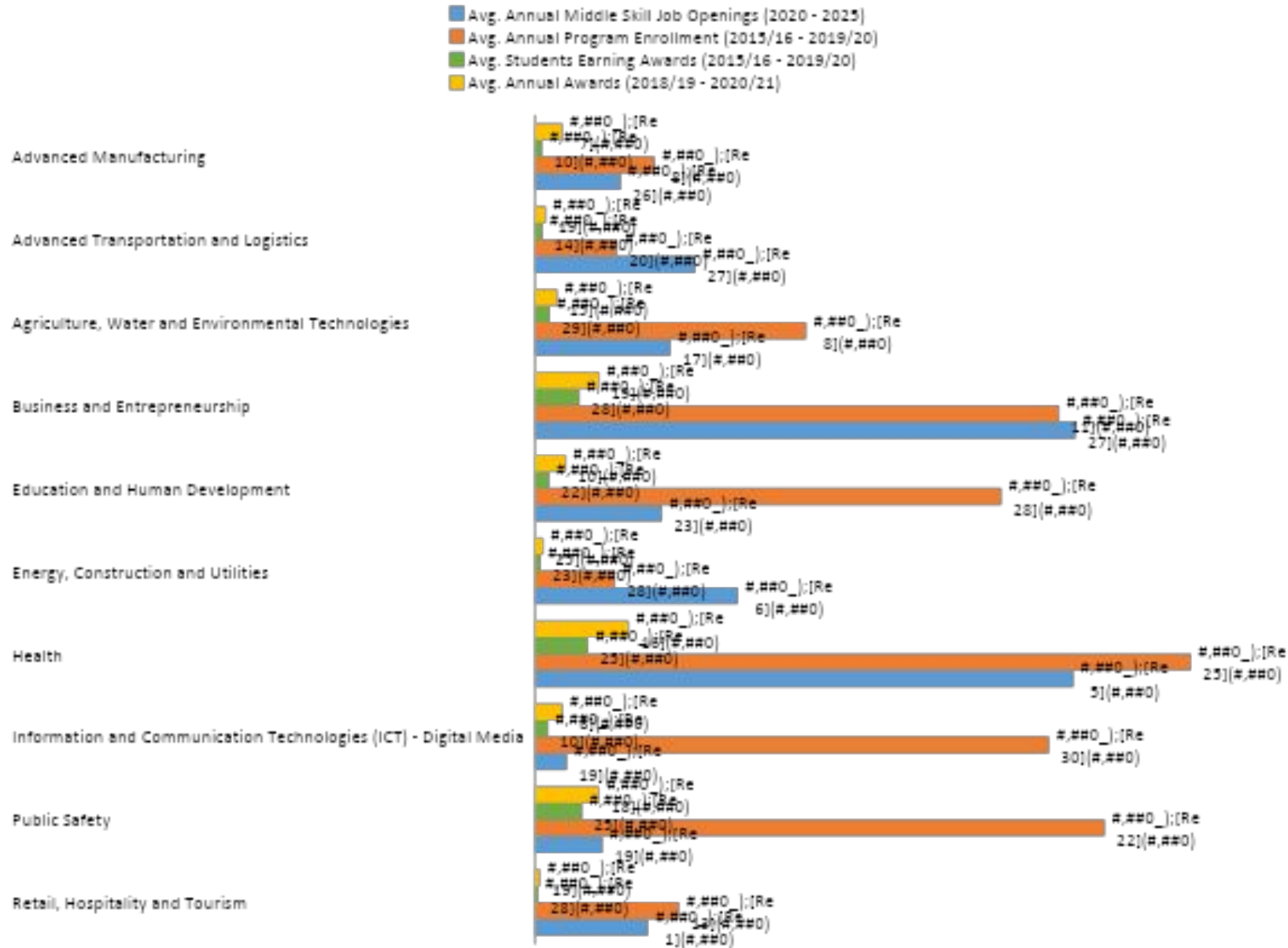


North/Far North Middle Skill Gaps

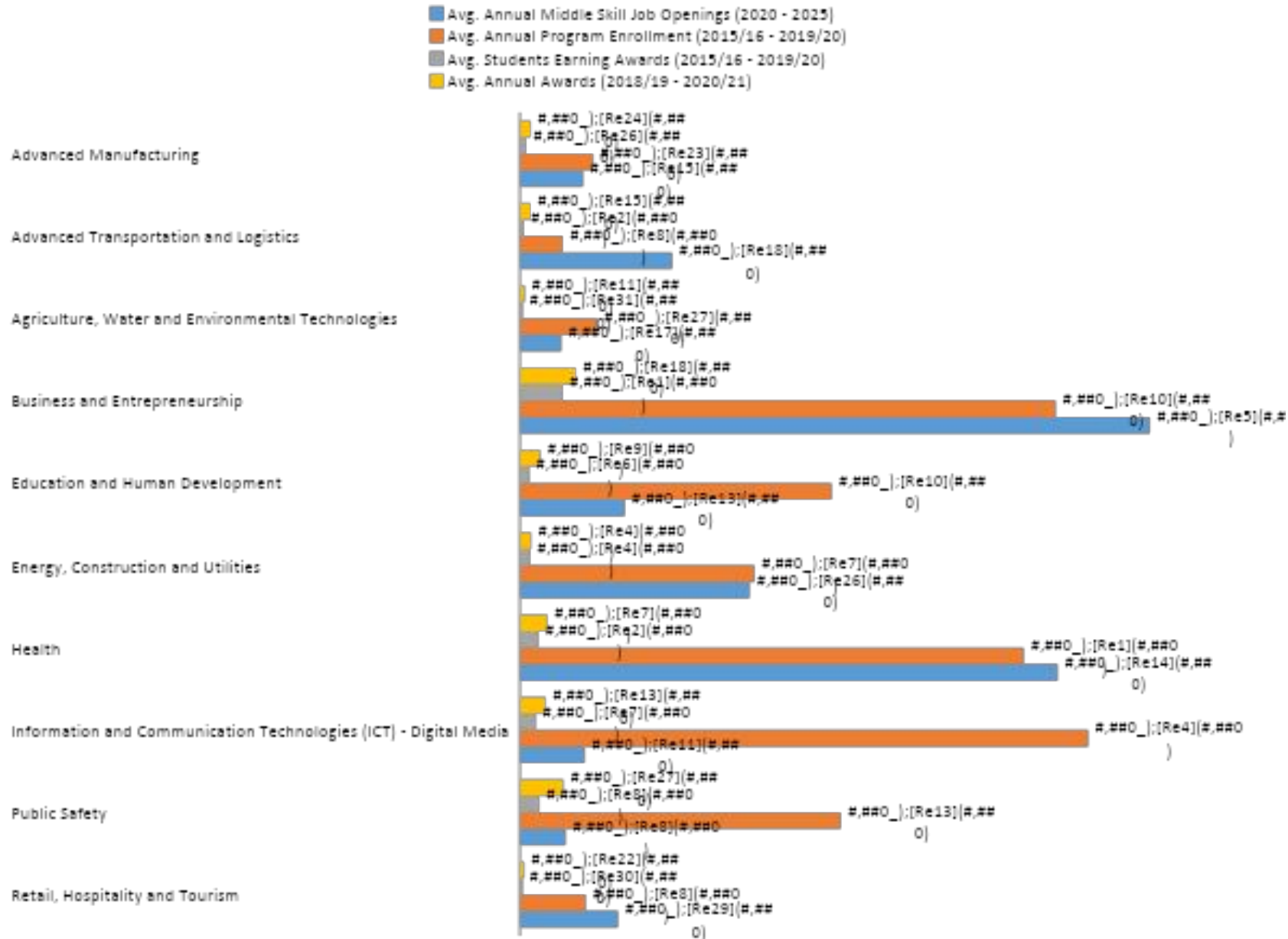


Sources: Emsi, 2021.3 QCEW, Non-QCEW, Self-Employed; Cal-PASS Plus Launchboard, Management Information Systems (MIS) Data Mart, California Community Colleges Chancellor's Office.

Far North - Middle Skill Gaps



North - Middle Skill Gaps



Far North - Fastest Growing Middle Skill Occupations

Occupation	2020 Jobs	2025 Jobs	Change in Jobs (2020-2025)	% Change	2020 Median Hourly Earnings
Registered Nurses	6,500	6,969	469	7%	\$45.75
Heavy and Tractor-Trailer Truck Drivers	4,333	4,715	382	9%	\$23.67
General and Operations Managers	4,205	4,571	366	9%	\$40.83
Project Management Specialists and Business Operations Specialists, All Other	2,863	3,024	161	6%	\$26.62
Medical and Health Services Managers	1,029	1,189	160	16%	\$53.58
Nursing Assistants	2,292	2,445	153	7%	\$16.19
Personal Service Managers, All Other; Entertainment and Recreation Managers, Except Gambling; and Managers, All Other	2,502	2,646	144	6%	\$30.41
Construction Managers	1,380	1,511	131	10%	\$31.92
Software Developers and Software Quality Assurance Analysts and Testers	668	797	129	19%	\$41.82
Substance Abuse, Behavioral Disorder, and Mental Health Counselors	793	920	127	16%	\$21.50
Accountants and Auditors	1,987	2,102	115	6%	\$29.69
Market Research Analysts and Marketing Specialists	794	908	114	14%	\$23.70
Management Analysts	1,469	1,566	96	7%	\$31.87
Medical Assistants	2,382	2,475	93	4%	\$18.33
Preschool Teachers, Except Special Education	1,417	1,503	86	6%	\$14.90
Child, Family, and School Social Workers	1,764	1,848	85	5%	\$23.29
Financial Managers	1,117	1,195	77	7%	\$45.08
Social and Community Service Managers	983	1,056	73	7%	\$27.06
Medical Dosimetrists, Medical Records Specialists, and Health Technologists and Technicians, All Other	1,011	1,073	62	6%	\$21.07
Licensed Practical and Licensed Vocational Nurses	1,703	1,764	61	4%	\$28.11

North - Fastest Growing Middle Skill Occupations

Occupation	2020 Jobs	2025 Jobs	Change in Jobs (2020-2025)	% Change	2020 Median Hourly Earnings
Heavy and Tractor-Trailer Truck Drivers	11,823	13,759	1,936	16%	\$24.05
Registered Nurses	24,109	25,884	1,775	7%	\$64.75
General and Operations Managers	15,861	17,162	1,300	8%	\$49.54
Management Analysts	24,585	25,812	1,227	5%	\$36.90
Software Developers and Software Quality Assurance Analysts and Testers	8,090	9,093	1,003	12%	\$57.01
Medical Assistants	7,976	8,945	969	12%	\$22.40
Project Management Specialists and Business Operations Specialists, All Other	12,748	13,604	856	7%	\$36.63
Accountants and Auditors	13,490	14,186	696	5%	\$36.99
Medical and Health Services Managers	3,373	4,035	662	20%	\$65.84
Construction Managers	4,364	4,954	590	14%	\$39.17
Personal Service Managers, All Other; Entertainment and Recreation Managers, Except Gambling; and Managers, All Other	7,848	8,403	555	7%	\$41.79
Nursing Assistants	6,586	7,115	528	8%	\$18.37
Dental Assistants	3,733	4,243	510	14%	\$21.83
Market Research Analysts and Marketing Specialists	4,797	5,297	500	10%	\$32.56
Substance Abuse, Behavioral Disorder, and Mental Health Counselors	2,414	2,846	433	18%	\$24.86
Financial Managers	5,218	5,627	409	8%	\$60.08
Licensed Practical and Licensed Vocational Nurses	4,194	4,556	362	9%	\$29.31
Heating, Air Conditioning, and Refrigeration Mechanics and Installers	3,480	3,837	356	10%	\$27.28
Human Resources Specialists	4,842	5,194	352	7%	\$32.89
Automotive Service Technicians and Mechanics	6,025	6,374	349	6%	\$23.47

Takeaways

- Nearly every priority sector in the North Far North region has a large gap between the number of community awards and the number of middle-skill occupation annual openings.
- Every priority sector in the North Far North region has hundreds or thousands of projected annual openings for middle-skill occupations.
- More than half of all the occupational employment in the priority sectors qualifies as middle-skill.
- In the Far North, the research reveals diversity in industry sector size and projected growth.
- In the North (Greater Sacramento), the research identifies four priority industry sectors with projected growth rates in the double digits and numerous sectors with large labor markets.

Thank You!

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- California Employment Development Department Labor Market Information Division
 - [Unemployment reports](#)
 - [Online Job Vacancy Statistics](#)

Data Sources & Methods

- Center of Excellence TOP-SOC Crosswalk. <http://coecc.net/>
- Emsi 2021.3 QCEW Employees, Non-QCEW Employees, and Self-Employed. <https://www.economicmodeling.com/>. EMSI occupational employment data are based on final EMSI industry data and final EMSI staffing patterns. Wage estimates are based on Occupational Employment Statistics (QCEW and Non-QCEW Employees classes of worker) and the American Community Survey (Self-Employed and Extended Proprietors).
- “Labor Insight Real-Time Labor Market Information Tool.” Burning Glass Technologies. <http://www.burning-glass.com>.
- “Taxonomy of Programs.” California Community Colleges Chancellor’s Office. June 2012, 6th Edition. <https://www.cccco.edu/-/media/CCCCO-Website/About-Us/Divisions/Educational-Services-and-Support/Academic-Affairs/What-we-do/Curriculum-and-Instruction-Unit/Files/TOPmanual6200909corrected12513pdf.ashx>.
- Management Information Systems (MIS) Data Mart. California Community Colleges Chancellor’s Office. <https://datamart.cccco.edu/>.
- Integrated Postsecondary Education Data System (IPEDS). National Center for Education Statistics. U.S. Department of Education. <https://nces.ed.gov/ipeds/>.
- O*NET OnLine. U.S. Department of Labor/Employment and Training Administration (DOLETA). <https://www.onetonline.org/>.