

RIVERSIDE-SAN BERNARDINO-ONT

DEMOGRAPHICS, EMPLOYMENT AND LABOR MARKET

4.28.2021

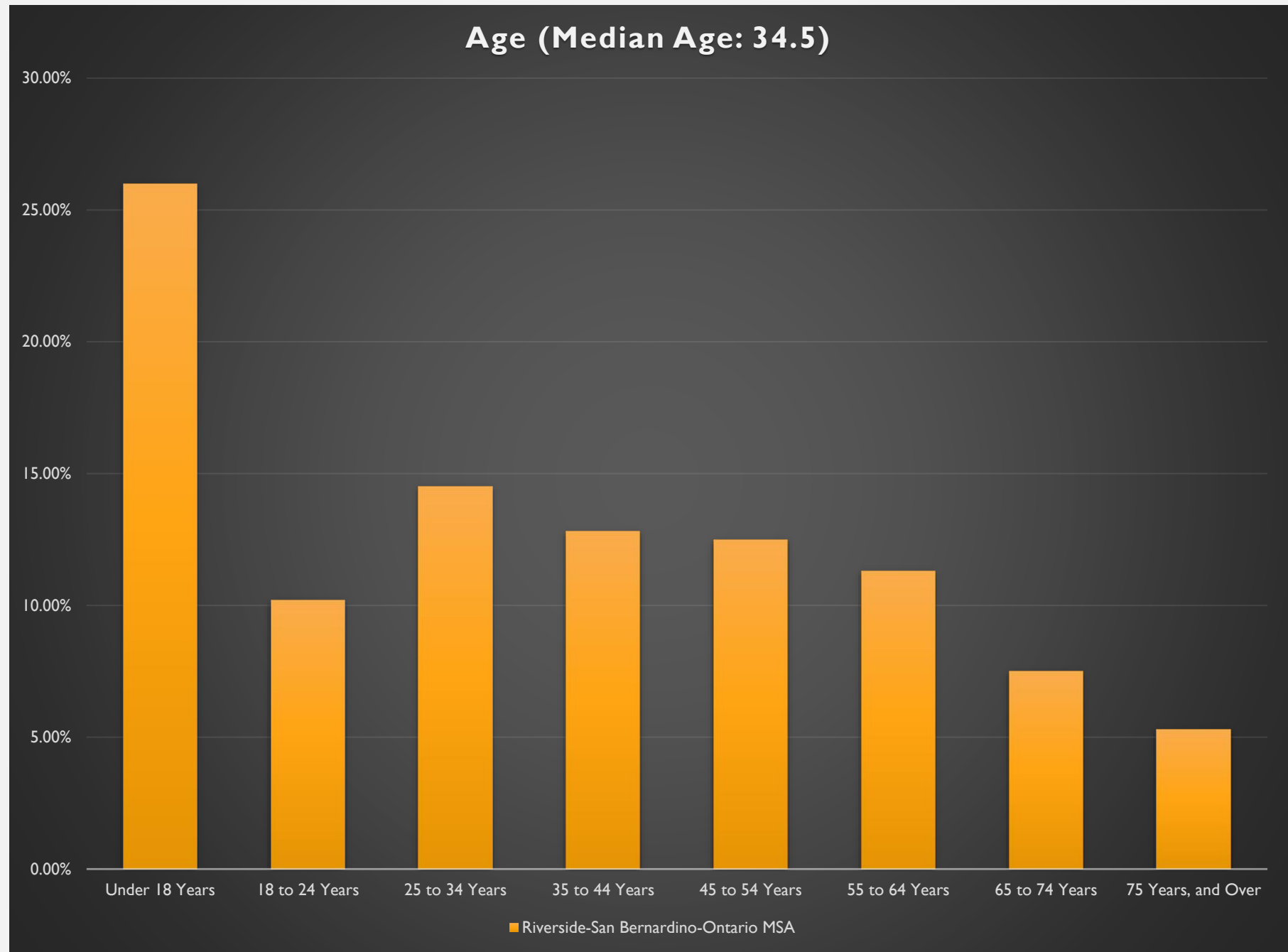
Brandon Moore, Vice President Institutional Effectiveness and Enrollment
Management

PEOPLE EDUCATION DOLLARS

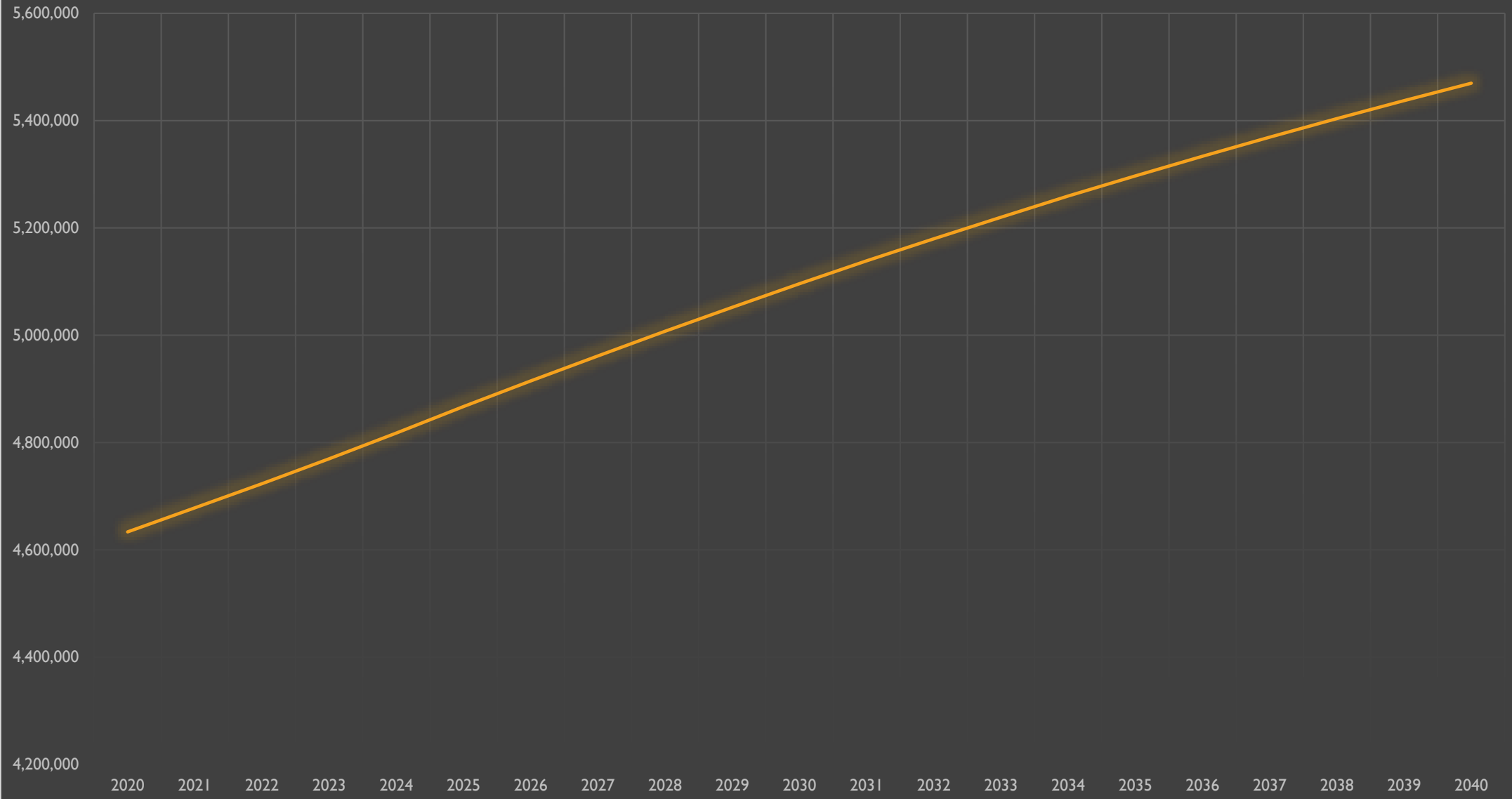
- Population: 4,560,470 (per ACS data for 2015-2019)
- Labor Force: 2,106,490 with 60.2% participation rate
- Bachelor's degree or higher: 21.4%
- National Average: 33.5% bachelor's or higher
- Median Income: \$65,302
- Median House Value: \$340,430
- Income and Home values vary greatly across MSA



Male Female

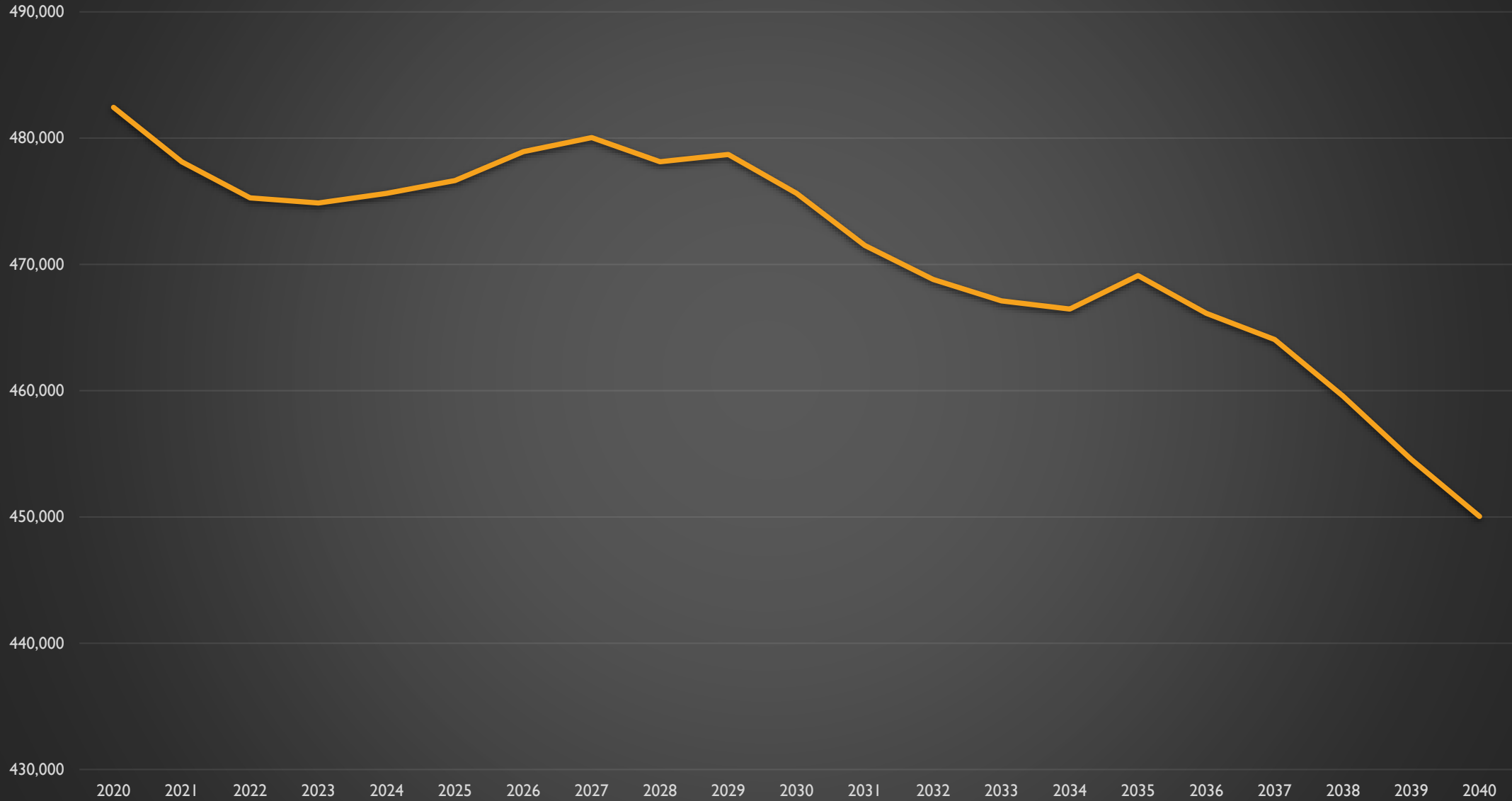


Riverside-San Bernardino 2020-2040 Population Projection



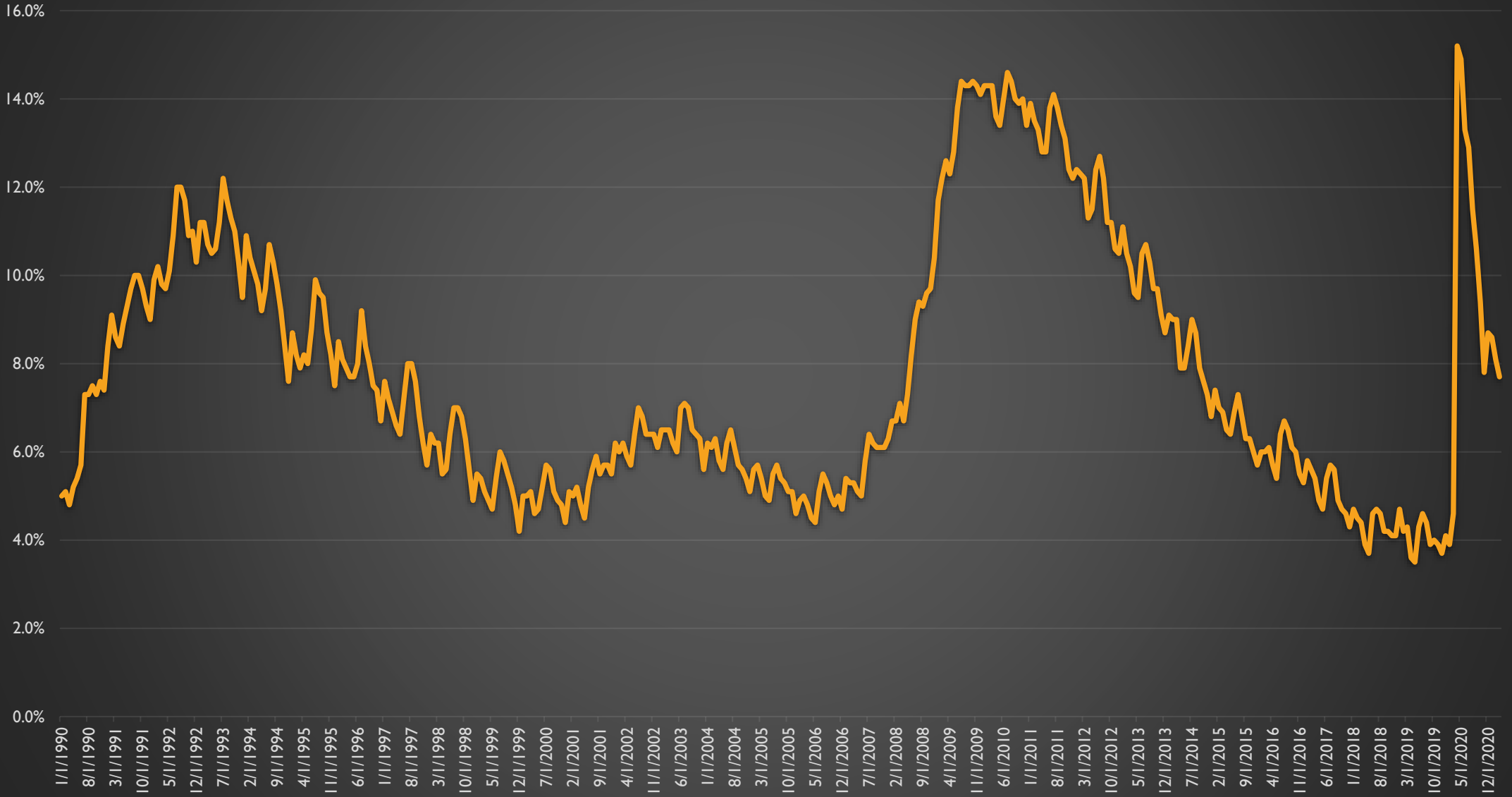
Source: [EDD Labor Market Information Division](#)

Riverside-San Bernardino 2020-2040 Population Projection (18-24 yrs)



Source: [EDD Labor Market Information Division](#)

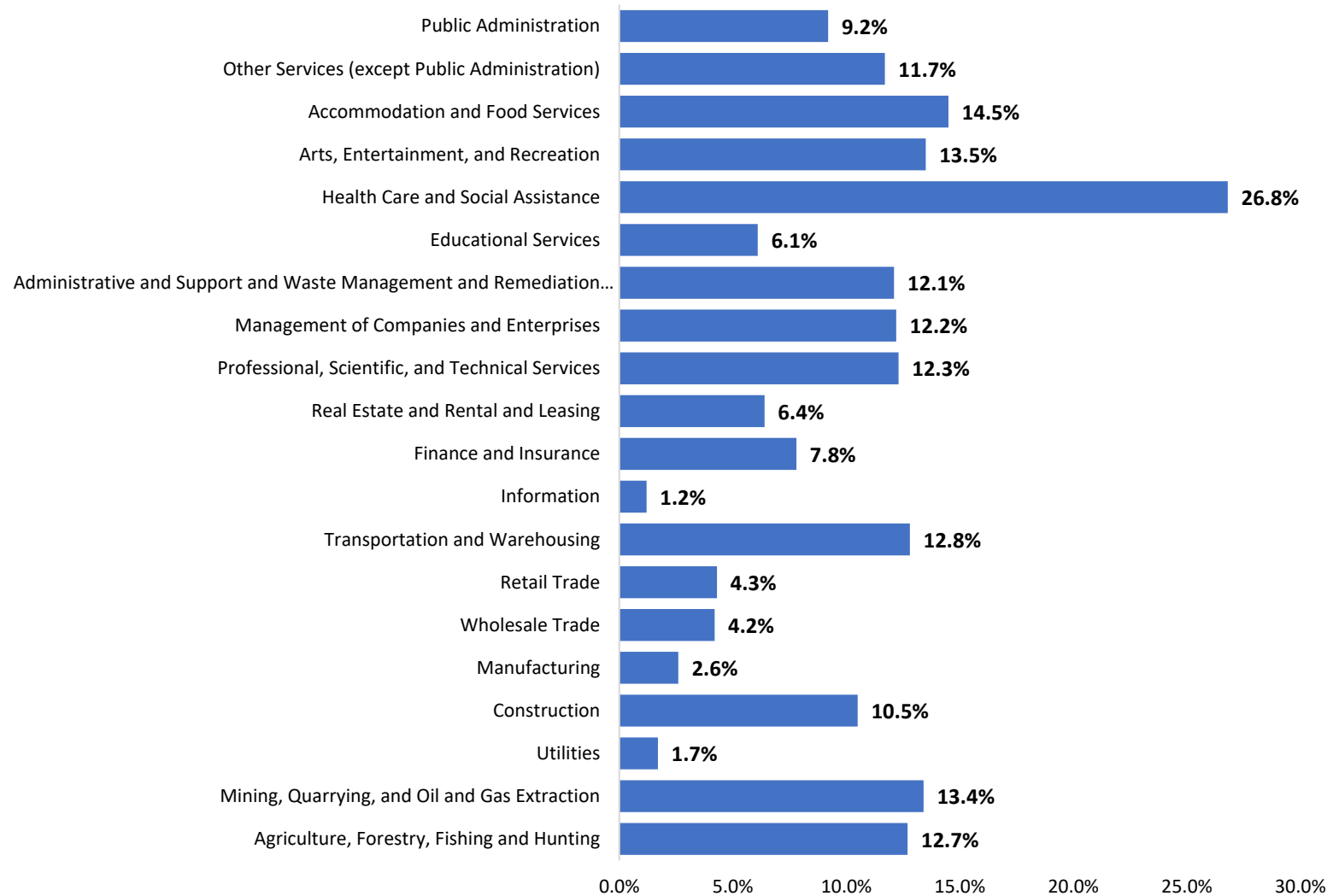
Unemployment Rate Riverside-San Bernardino-Ontario MSA



Source: [EDD Labor Market Information Division](#)

INDUSTRY GROWTH

10 Year Forecast Growth Rate



INDUSTRY DEMAND

Industry Forecasts Including Retirement/Replacement Demand

Sector	Employment	Avg Annual Wages	Annual Employment Growth	Annual Total Demand
Health Care and Social Assistance	247,086	\$49,866	5,942	29,391
Accommodation and Food Services	145,000	\$23,650	1,978	25,512
Retail Trade	181,515	\$35,335	764	25,035
Transportation and Warehousing	170,930	\$47,757	2,064	20,328
Administrative and Support and Waste Management and Remediation Services	114,539	\$36,393	1,313	14,562
Educational Services	140,899	\$53,967	842	13,893
Construction	120,991	\$58,721	1,209	13,107
Manufacturing	99,259	\$57,576	259	10,610
Public Administration	77,000	\$77,323	684	7,761
Other Services (except Public Administration)	61,746	\$33,394	689	7,749
Wholesale Trade	66,997	\$61,977	279	7,322
Professional, Scientific, and Technical Services	53,253	\$64,922	620	5,188
Arts, Entertainment, and Recreation	27,394	\$33,869	348	4,211
Finance and Insurance	27,249	\$70,565	204	2,754
Real Estate and Rental and Leasing	24,779	\$52,635	155	2,663
Agriculture, Forestry, Fishing and Hunting	16,463	\$40,127	198	1,988
Information	11,898	\$59,849	14	1,162
Management of Companies and Enterprises	8,676	\$87,577	101	886
Utilities	9,583	\$106,963	16	880
Mining, Quarrying, and Oil and Gas Extraction	1,269	\$78,462	16	146
Total - All Industries	1,606,537	\$48,769	18,007	193,676

DETAILED INDUSTRY PROJECTIONS

Largest Projected **INCREASES** Next 10 Years

Industry	Employment	Avg Annual Wages	Historic 10 Year Change	Projected 10 Year Growth
Individual and Family Services	64,934	\$17,892	58,164	32,769
Restaurants and Other Eating Places	116,608	\$21,186	26,843	17,461
Warehousing and Storage	90,213	\$45,290	72,310	14,282
Outpatient Care Centers	19,946	\$83,131	16,290	6,838
Elementary and Secondary Schools	108,330	\$57,534	9,103	5,981
General Medical and Surgical Hospitals	55,126	\$74,901	13,047	5,682
Services to Buildings and Dwellings	29,116	\$36,738	3,857	4,821
Home Health Care Services	12,587	\$37,943	4,081	4,685
Offices of Physicians	24,036	\$89,229	-36	4,296
Building Equipment Contractors	30,078	\$62,235	13,708	3,618

Total employment in the Riverside-San Bernardino-Ontario, CA MSA is forecast to increase 11.8% over the next ten years, compared with an expected growth rate of 4.2% in the nation over the same period.

WTF?*

*What The Forecast

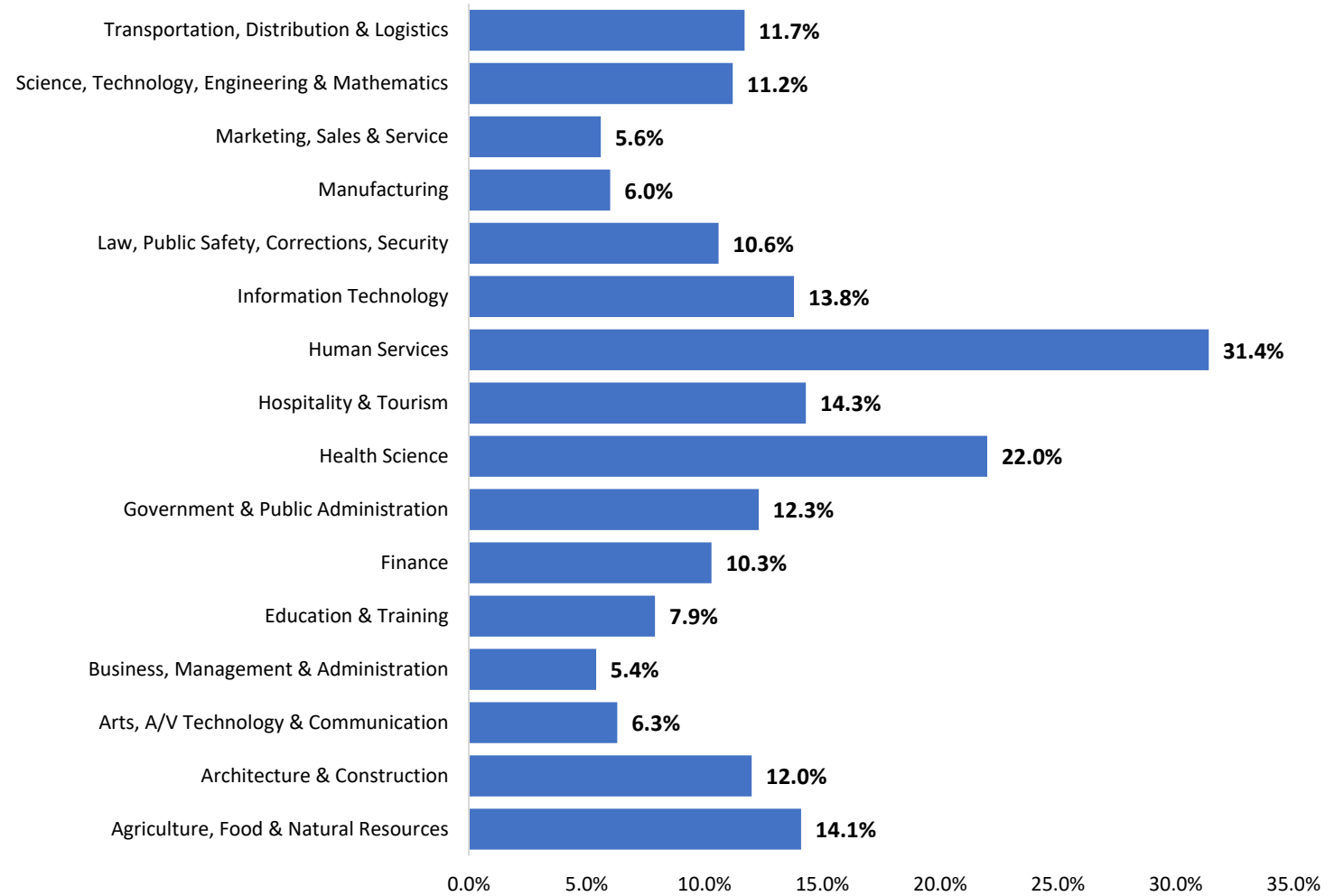
Largest Projected **DECREASES** Next 10 Years

Industry	Employment	Avg Annual Wages	Historical 10 Year Change	Projected 10 Year Growth
Junior Colleges	10,177	\$55,499	798	-653
Cement and Concrete Product Manufacturing	4,436	\$63,014	693	-471
Office Supplies, Stationery, and Gift Stores	2,433	\$29,768	-1,107	-409
Direct Selling Establishments	4,443	\$29,359	163	-392
Wired and Wireless Telecommunications Carriers	4,744	\$69,628	-2,093	-380
Postal Service	5,081	\$65,062	-189	-369
Electric Power Generation, Transmission and Distribution	3,519	\$134,560	-710	-362
Printing and Related Support Activities	2,564	\$42,774	-311	-339
Travel Arrangement and Reservation Services	1,433	\$48,196	17	-310
Electronics and Appliance Stores	4,999	\$40,145	-79	-287

Polish up those resumes if you work at a community college <https://www.cnet.com/news/best-resume-builder-for-2021/>

WHERE ARE THE JOBS?

Projected Growth in the 16 Career Clusters



Double digit growth projected in ~70% of clusters (11 of 16)

Annual Wages for 16 Career Clusters, Job Ads, and Growth

BUT WHAT WILL
I EARN?

Career Cluster	Employment	Avg Ann Wages	Job Ads	Ann Empl Growth	Ann Total Demand
Science, Technology, Engineering & Mathematics	13,419	\$98,800	692	144	1,217
Information Technology	23,783	\$84,200	1,226	310	2,162
Health Science	138,963	\$77,400	9,949	2,794	14,598
Finance	36,727	\$73,100	1,740	361	3,886
Education & Training	111,723	\$69,400	2,196	855	11,368
Government & Public Administration	10,412	\$68,900	350	121	1,091
Law, Public Safety, Corrections & Security	56,099	\$68,200	1,624	569	6,626
Arts, A/V Technology & Communications	17,957	\$59,700	280	110	2,094
Business, Management & Administration	256,127	\$57,900	9,671	1,339	30,063
Architecture & Construction	131,371	\$55,700	1,474	1,495	16,260
Marketing, Sales & Service	178,942	\$46,100	9,517	969	25,944
Agriculture, Food & Natural Resources	26,611	\$45,000	431	353	4,282
Manufacturing	111,553	\$43,400	3,522	648	13,211
Transportation, Distribution & Logistics	195,289	\$41,500	5,652	2,173	26,990
Human Services	104,111	\$37,800	2,673	2,884	17,565
Hospitality & Tourism	193,452	\$30,800	10,037	2,606	35,686
Total - All Occupations	1,606,537	\$52,600	61,036	18,007	213,320

BUT WHAT
JOB
SHOULD I
GET?

Occupations w/ Highest Projected Growth

Occupation	Employment	Avg Annual Wages	Job Ads	Historical 10yr Change	Projected 10yr Growth
Registered Nurses	29,607	\$105,600	2,503	9,529	4,462
General and Operations Managers	20,799	\$117,900	358	7,941	2,709
Light Truck Drivers	16,008	\$43,000	389	5,813	2,610
Janitors and Cleaners, Except Maids and Housekeeping Cleaners	19,957	\$34,900	861	1,375	2,515
Heavy and Tractor-Trailer Truck Drivers	29,931	\$49,800	1,046	10,243	2,512
Medical Assistants	8,311	\$34,900	406	2,977	2,446
Construction Laborers	16,494	\$48,900	227	5,620	2,195
Industrial Truck and Tractor Operators	18,082	\$37,500	592	11,567	1,972
Nursing Assistants	10,115	\$34,200	396	1,197	1,831
Project Management Specialists and Business Operations Specialists, All Other	12,612	\$69,100	246	3,466	1,739

Out of over 800 defined occupations these are the top projected growth occupations that earn a living wage

Occupations w/**Lowest** Projected Growth

BUT WHAT
JOB
SHOULD I
GET?

Occupation	Employment	Avg Annual Wages	Job Ads	Historical 10yr Change	Projected 10yr Growth
Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	19,888	\$41,900	944	3,970	-774
Executive Secretaries and Executive Administrative Assistants	4,248	\$62,900	59	-4,535	-639
Inspectors, Testers, Sorters, Samplers, and Weighers	5,027	\$41,000	135	1,758	-527
First-Line Supervisors of Non-Retail Sales Workers	4,195	\$63,300	4	-139	-253
Tellers	2,352	\$34,600	47	-972	-220
Word Processors and Typists	683	\$42,600	1	-219	-217
Shipping, Receiving, and Inventory Clerks	11,337	\$37,500	270	3,948	-185
Postal Service Mail Carriers	2,711	\$53,700	44	-101	-165
Legal Secretaries and Administrative Assistants	1,003	\$47,600	28	-233	-156
Travel Agents	568	\$45,700	1	-82	-108

Out of over 800 defined occupations these are the lowest projected growth occupations that earn a living wage

GET SOME
SKILLS

Top Skills in Demand for Job Ads

Below are the top 10 hard and soft required by employers in online job ads over the last year for occupations which support a living wage within the Riverside-San Bernardino-Ontario, CA MSA.

Hard Skills

Skill Name	Total Ads	
Microsoft Excel	21,050	
Microsoft Office	16,699	
Microsoft Outlook	10,363	
English	10,043	
Spanish	10,006	
Ability to Lift 41-50 lbs.	8,781	
Microsoft Word	8,431	
Ability to Lift 51-100 lbs.	7,833	
Microsoft PowerPoint	6,882	
Keyboarding/Typing	5,682	

Soft Skills

Skill Name	Total Ads	
Communication (Verbal and written skills)	83,761	
Cooperative/Team Player	42,630	
Customer Service	40,561	
Self-Motivated/Ability to Work Independently/Self Leadership	31,551	
Detail Oriented/Meticulous	28,069	
Organization	24,470	
Adaptability/Flexibility/Tolerance of Change and Uncertainty	23,514	
Problem Solving	22,245	
Supervision/Management	21,421	
Accountable/Responsible/Reliable/Dependable/Trustworthy	18,332	

GET SOME
SKILLS

Top 10 Skill Gaps in Riverside-San Bernardino-Ontario MSA

Name	Candidates	Openings	Gap
Microsoft Office	10,154	11,237	-1,083
Teaching/Training, Job	2,204	3,002	-799
Teaching/Training, School	5,307	5,828	-521
Manufacturing	2,171	2,681	-509
Lean Six Sigma	365	736	-371
Payroll	428	790	-363
Food Preparation	368	701	-333
Mathematics	3,105	3,418	-313
Customer Relationship Management (CRM)	1,148	1,399	-251
Hospitality	803	1,051	-248

Top skill gaps pulled from current online resumes and job ads among occupations earning a living wage

GET
CERTIFIED

Top 10 Certification Gaps in Riverside-San Bernardino-Ontario MSA

Name	Candidates	Openings	Gap
Certification in Cardiopulmonary Resuscitation (CPR)	2,288	2,945	-657
First Aid Certification	1,100	1,710	-610
Certified Nursing Assistant (CNA)	459	705	-246
ServSafe Food Protection Manager Certification	68	283	-215
Advanced Cardiac Life Support Certification (ACLS)	561	759	-198
Class A Commercial Driver's License (CDL-A)	976	1,147	-171
Registered Nurse (RN)	1,067	1,180	-113
Certified Public Accountant (CPA)	291	393	-102
Basic Cardiac Life Support Certification (BCLS Certification)	36	113	-77
Licensed Practical Nurse (LPN)	133	208	-75

Top certification gaps pulled from current online resumes and job ads among occupations earning a living wage

QUESTIONS?

- The Fine Print

- **All data from Chmura Economic JobsEQ unless otherwise noted**

- **How are industries and occupations defined?**

- Industries are defined via the North American Industry Classification System (NAICS). “Sectors” in this report represent 2-digit NAICS codes and industries in the “Industry Analysis” section of this report represent 4-digit NAICS codes. Occupations are defined via the Standard Occupational Classification System (SOC). Occupations in the “Occupation Analysis” section of this report represent 6-digit SOC codes. “CTE Clusters” are collections of 6-digit SOC occupations as defined through the National Career Clusters® Framework.

- **How is “Ann Total Demand” defined?**

- Annual total employment demand is forecast job demand that includes job needs due to growth, exits (such as retirements), and transfers (individuals moving from one career into another).

- **What is the Living Wage used in this report?**

- The living wage in the United States is \$33,521 in 2018, before taxes for a family of four (two working adults, two children) - MIT Living Wage Calculator.

- The living wage in the Riverside-San Bernardino-Ontario MSA is \$49,525 in 2018, before taxes for a family of four (two working adults, two children) – MIT Living Wage Calculator