



SAN BERNARDINO VALLEY COLLEGE **2016 EDUCATIONAL AND FACILITIES** **MASTER PLANS**

WORKSHOP TWO
> ORGANIZE, SHARE, + LEARN

DECEMBER 9, 2015

02 > EXTERNAL ENVIRONMENTAL SCAN

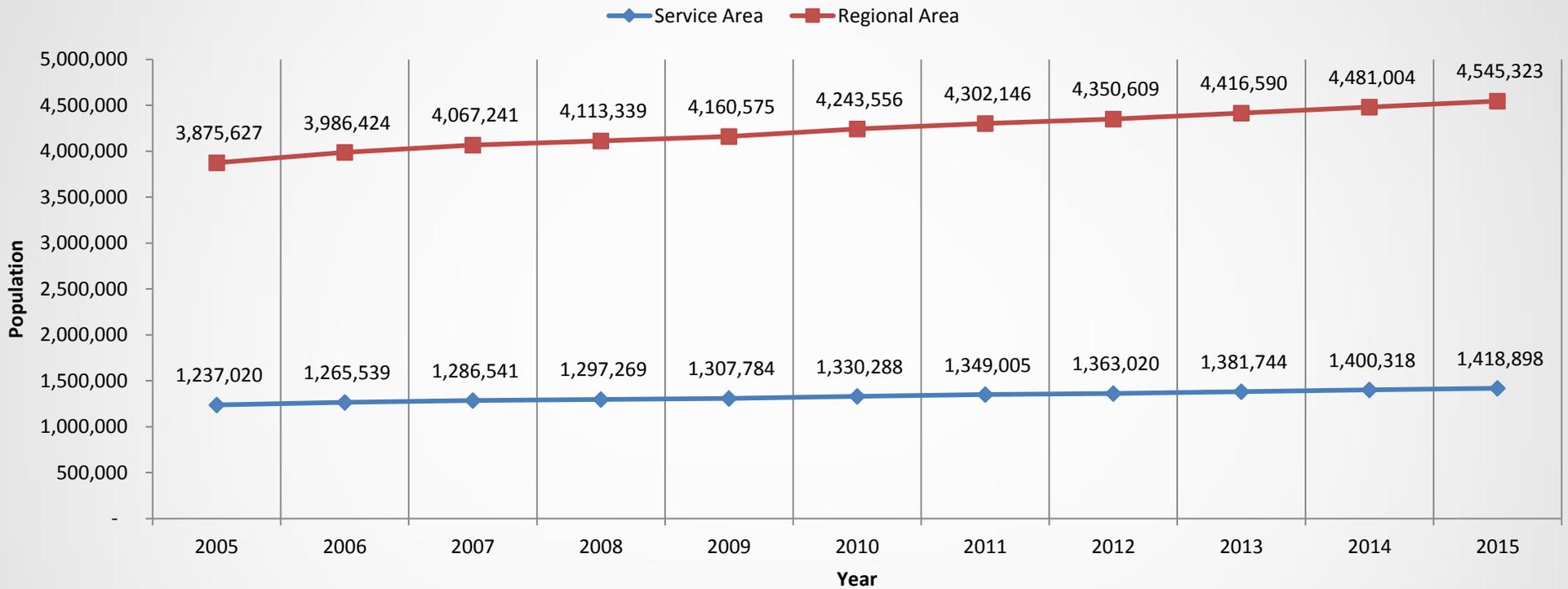
GOAL > Provide Regional and Community Context for Planning

- **REGION: San Bernardino County & Riverside County**
- **COMMUNITY: College Service Area Cities/Zip Codes**

EMSI Analyst Platform > Primary Data Source

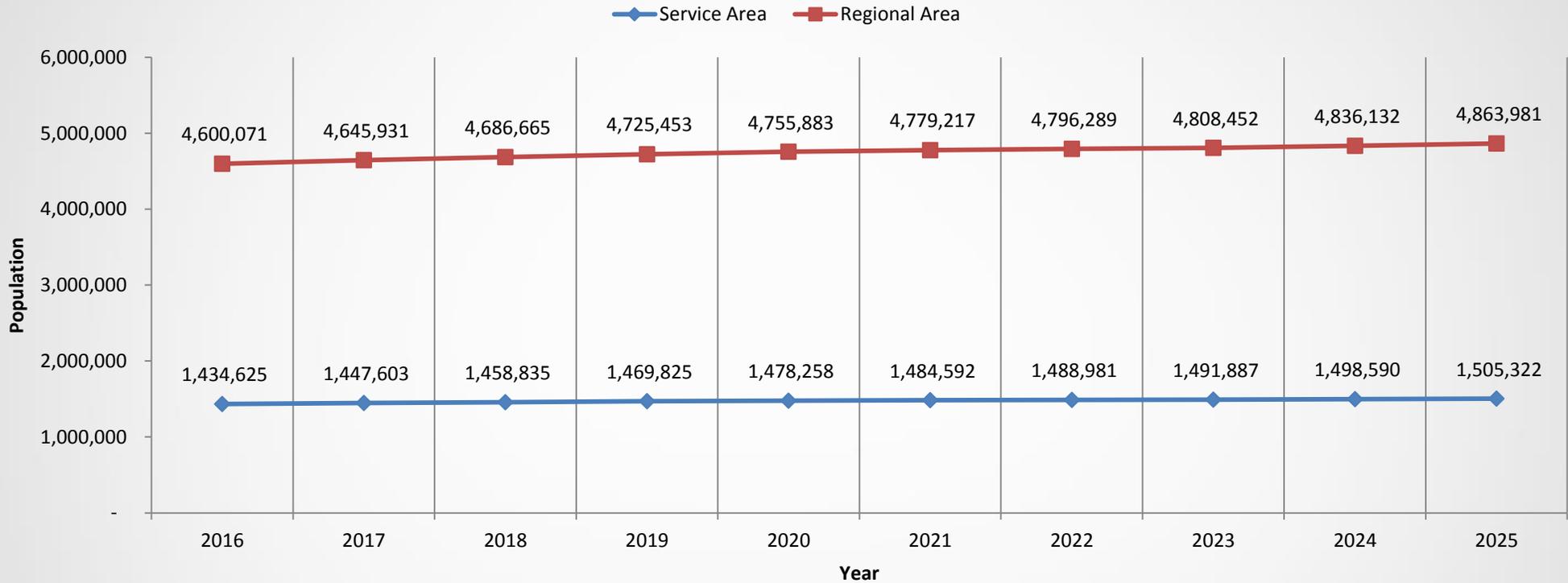
- **Historic information compiled from 90+ data sources, updated quarterly**
- **Link historical trends with future projections**
- **Improve connections between programs and labor market**

Historical Population



- Regional Growth 2005-2015 = 17.3% (669,696 persons)
- Service Area Growth 2005-2015 = 14.7% (181,878 persons)
- State-wide Growth 2005-2015 = 9.1% (3,262,423 persons)
- Service Area was 31.2% of Regional population in 2015

Population Projection



- Regional Growth 2016-2025 = 5.7% (263,910 persons)
- Service Area Growth 2016-2025 = 4.9% (70,697 persons)
- State-wide Growth 2016-2025 = 3.7% (1,472,522 persons)

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Regional Population by Age Group

■ 19 and Under ■ 20-24 ■ 25-29 ■ 30-49 ■ 50 and Over



2010-2015

20-24 Age Group grew by 18.9% (59,826 persons)

50 + Age Group grew by 15.4% (175,295 persons)

20-29 Age Group grew by 17% (103,085 persons)

2015-2023

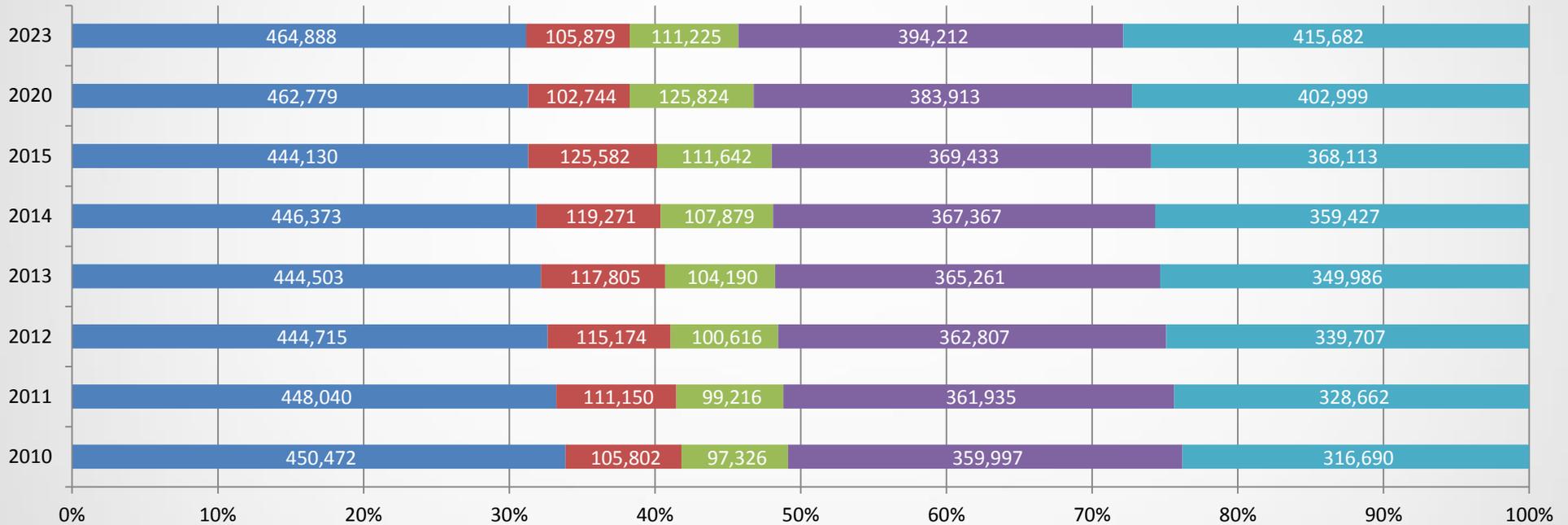
20-24 Age Group declines by 14.9% (-56,008 persons)

50 + Age Group grows by 12.5% (163,969 persons)

20-29 Age Group declines by 8.2% (-58,044 persons)

Service Area Population by Age Group

■ 19 & Under ■ 20-24 ■ 25-29 ■ 30-49 ■ 50 & Over



2010-2015

20-24 Age Group grew by 18.7% (19,780 persons)

50 + Age Group grew by 16.2% (51,423 persons)

20-29 Age Group grew by 16.8% (34,096 persons)

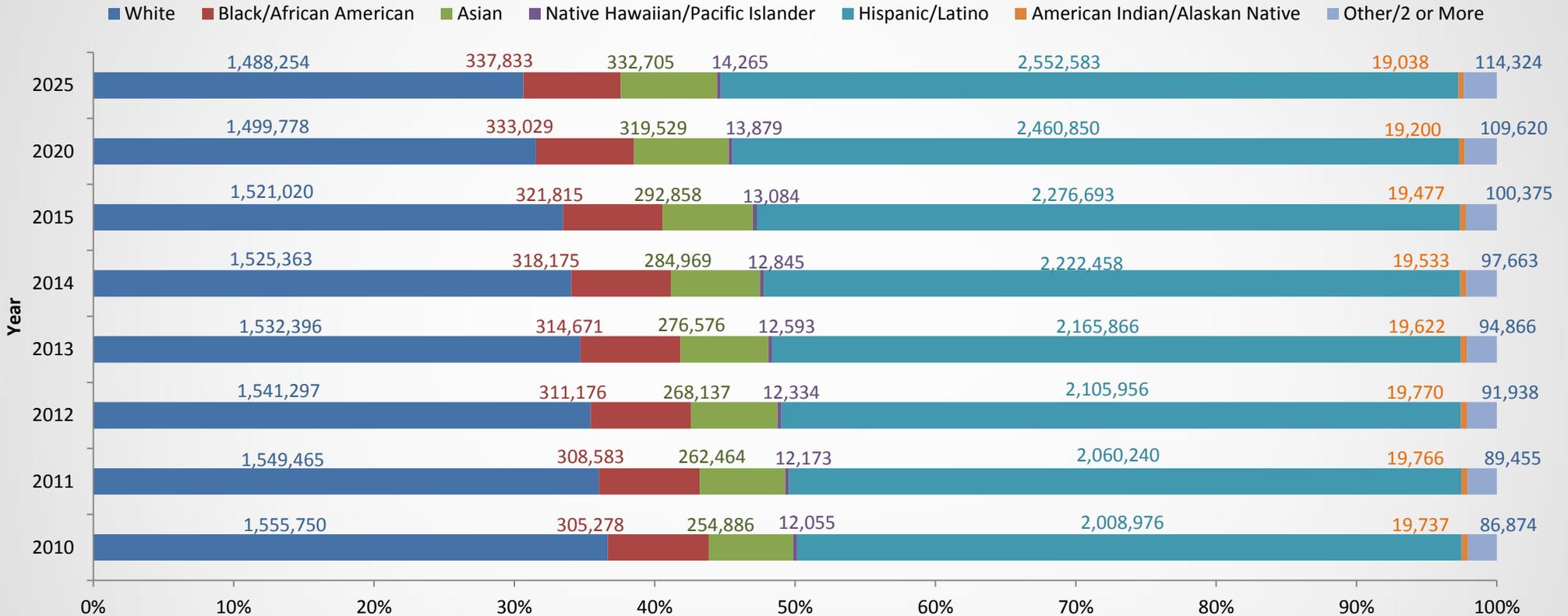
2015-2023

20-24 Age Group declines by 15.7% (-19,703 persons)

50 + Age Group grows by 12.9% (47,569 persons)

20-29 Age Group declines by 8.5% (-20,120 persons)

Regional Population by Race/Ethnicity



2010-2015

Hispanics increased to 50.1% of population (2,276,693 persons)

Whites decreased to 33.5% of population (1,521,020 persons)

African Americans steady at 7.1% of population (321,815 persons)

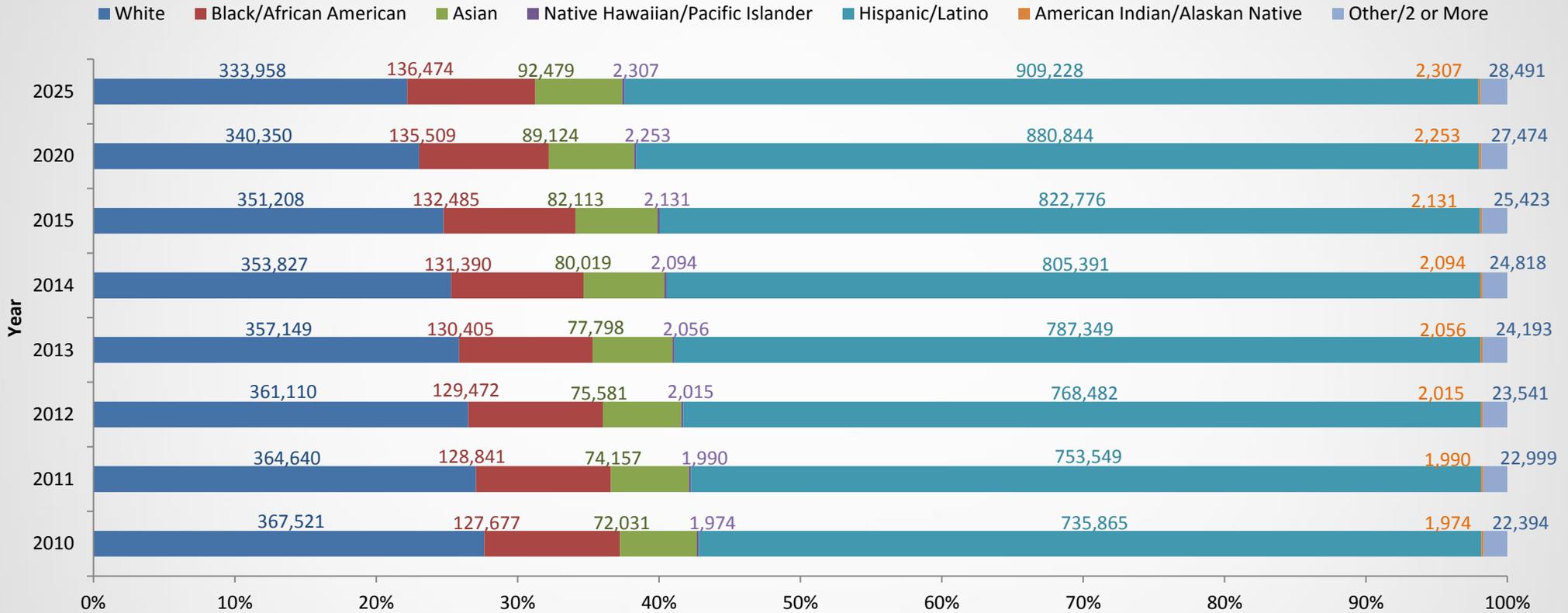
2015-2025

Hispanics increase by 275,890 persons (52.5% of pop.)

Whites decrease by 32,766 persons (30.6% of pop.)

Asians increase by 39,847 persons (6.8% of pop.)

Service Area Population by Race/Ethnicity



2010-2015

Hispanics increased to 58% of population (822,776 persons)

Whites decreased to 24.8% of population (351,208 persons)

African Americans steady at 9.3% of population (132,485 persons)

2015-2025

Hispanics increase by 86,452 persons (60.4% of pop.)

Whites decrease by 17,250 persons (22.2% of pop.)

Asians increase by 10,366 persons (6.1% of pop.)

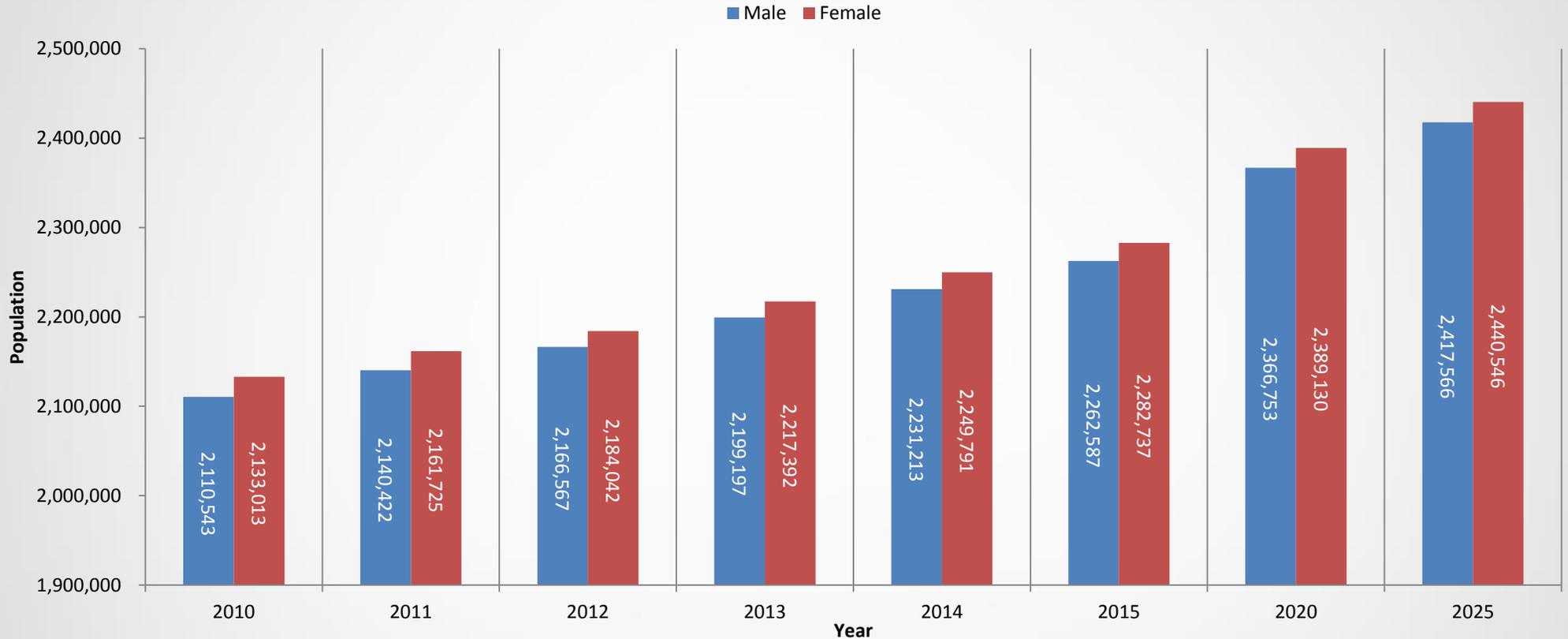
Demographics by Race/Ethnicity Contextualized Service Area

- 822,776 residents are Hispanic – roughly 58% of population
- Over 3x as many Hispanics as national percentage
- Percentage population of Whites below national percentage

Regional

- 2,276,693 residents are Hispanic – roughly 50% of population
- Nearly 3x as many Hispanics as national percentage
- Percentage population of Whites below national percentage

Regional Population by Gender



➤ Male : Female proportion steady thru 2025 (49.8% : 50.2%)

2010-2015

Males increase by 7.2% (152,044 persons)

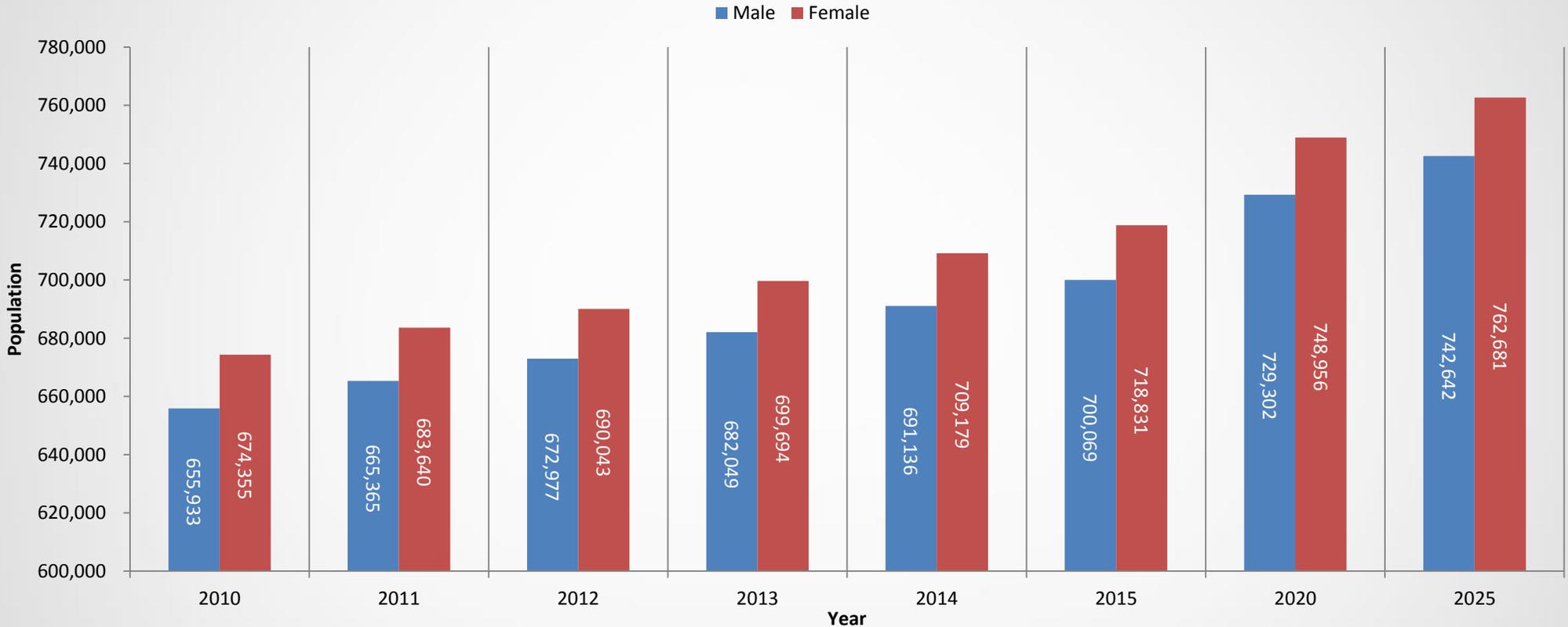
Females increase by 7.0% (149,724 persons)

2015-2025

Males increase by 6.8% (154,979 persons)

Females increase by 6.9% (157,806 persons)

Service Area Population by Gender



➤ Male : Female proportion steady thru 2025 (49.3% : 50.7%)

2010-2015

Males increase by 6.7% (44,136 persons)

Females increase by 6.6% (44,476 persons)

2015-2025

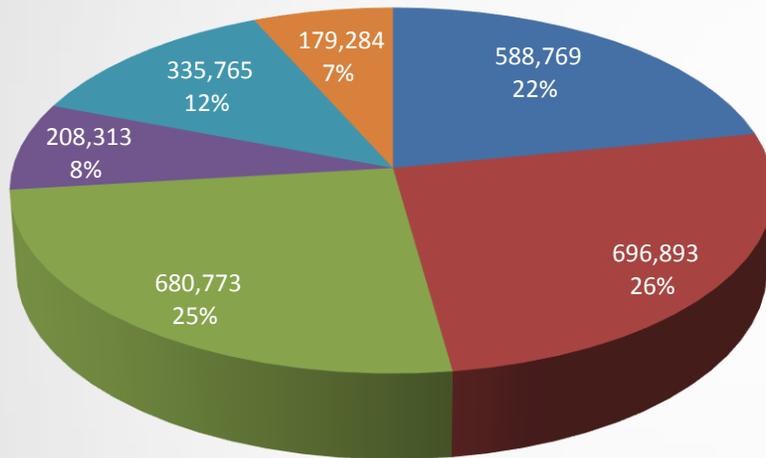
Males increase by 6.08% (42,573 persons)

Females increase by 6.10% (43,850 persons)

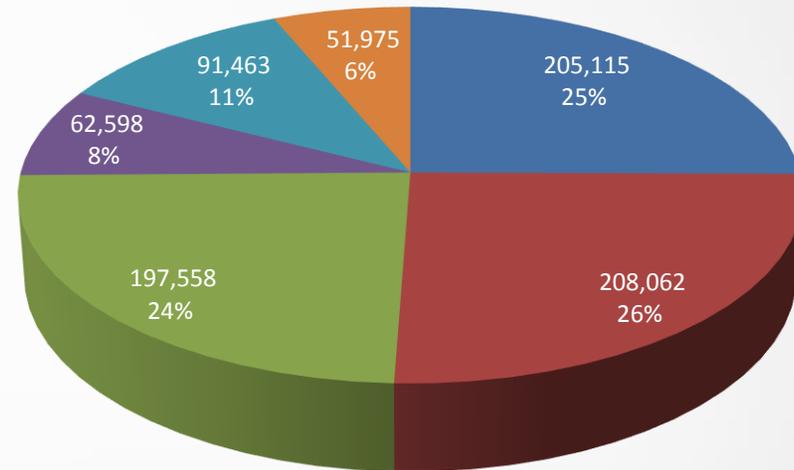
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Educational Attainment 2010-2015 (5-Yr. Average)

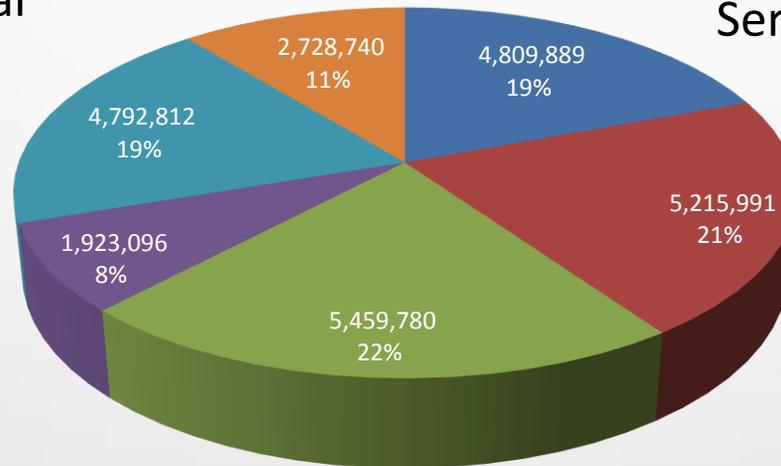
- No HS
- Some College
- BA/BS
- HS Diploma or Equivalent
- AA/AS
- Graduate or Professor



Regional



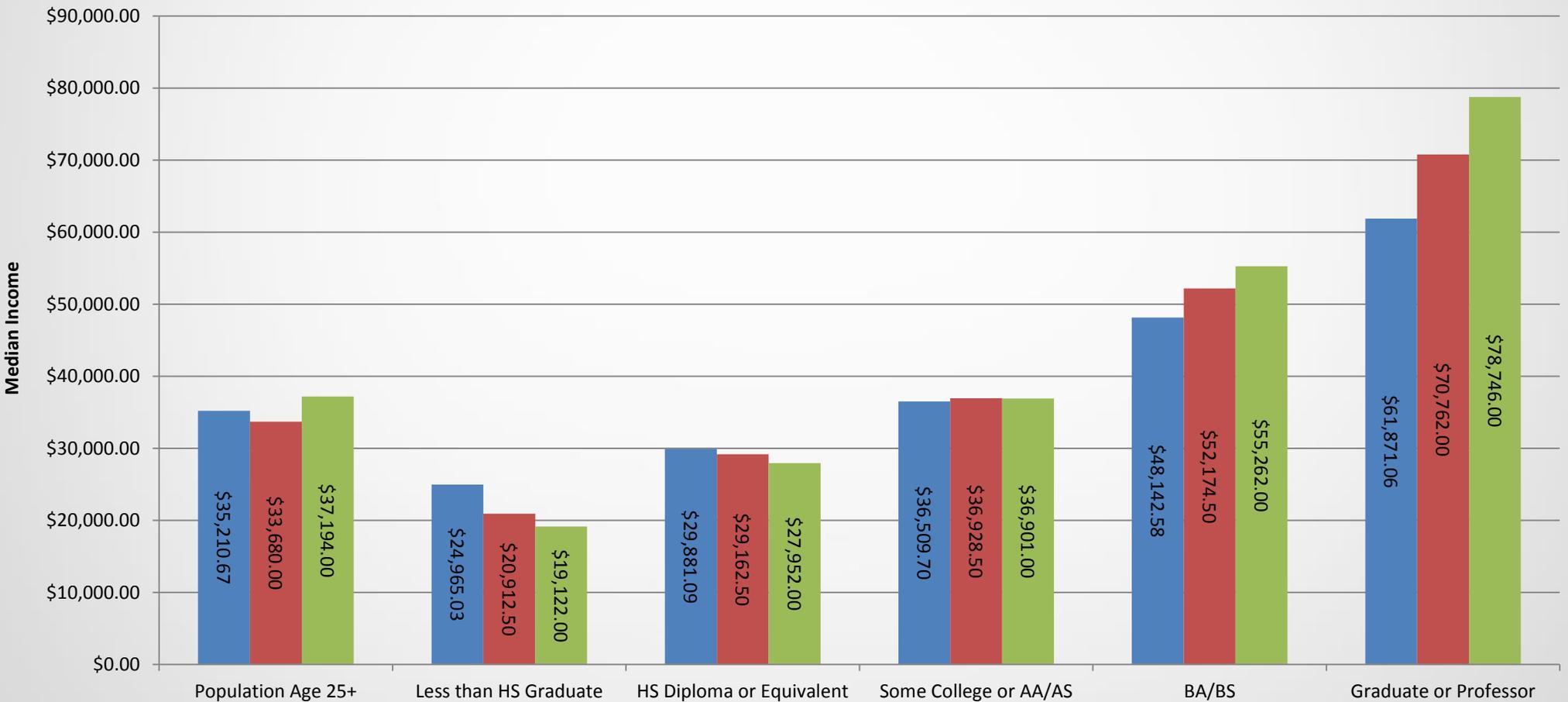
Service Area



California

Median Income by Educational Attainment 2010-2015 (5-Yr Average)

■ VC Service Areas ■ Regional ■ California



Labor Force by Population

Area	Labor Force	Employed	Unemployed	Unemployment Rate
San Bernardino Valley College	720,600	687,700	42,100	5.84%
Regional	1,930,600	1,813,500	117,100	6.07%
California	18,946,000	17,911,900	1,034,200	5.50%

Leading Service Area Employment by Industry

- Health Care & Social Assistance – 64,187 Jobs (17.05% of Total)
- Government – 49,239 Jobs (13.08% of Total)
- Retail Trade – 46,775 Jobs (12.42% of Total)
- Accommodation & Food Services – 33,901 Jobs (9% of Total)
- Transportation & Warehousing – 32,703 Jobs (8.69% of Total)

Leading Regional Employment by Industry

- Government – 230,576 Jobs (17.32% of Total)
- Health Care & Social Assistance – 171,743 Jobs (12.9% of Total)
- Retail Trade – 170,217 Jobs (12.78% of Total)
- Accommodation & Food Services – 133,092 Jobs (9.99% of Total)
- Administrative, Support, Waste Management, and Remediation Services – 98,030 Jobs (7.36% of Total)

Regional Projected Job Growth & Decline by Industry (2015-2025)

Employment Industry	Jobs		
	2015	2025	Numerical Change
Health Care & Social Assistance	81,011	106,519	25,508
Retail Trade	85,230	101,009	15,779
Accommodation and Food Services	71,990	85,836	13,846
Administrative, Support, Waste Management, and Remediation Services	42,514	53,727	11,213
Crop & Animal Production	11,736	9,914	(1,822)
Information	6,241	6,016	(225)
Management of Companies & Enterprises	3,309	3,230	(79)
Mining, Quarrying, and Oil & Gas Extraction	309	239	(70)

Service Area Projected Job Growth & Decline by Industry (2015-2025)

Employment Industry	Jobs		
	2015	2025	Numerical Change
Health Care & Social Assistance	64,187	83,686	19,499
Retail Trade	46,775	55,700	8,925
Transportation & Warehousing	32,703	41,236	8,533
Accommodation & Food Services	33,901	40,478	6,577
Crop & Animal Production	1,732	1,124	(608)
Management of Companies & Enterprises	3,238	3,026	(212)
Information	2,334	2,223	(111)

Regional Occupations with Highest Projected Openings (2025)

Occupation Description	Annual Job Openings	Projected Job Growth (2025)	Typical Entry Level of Education
Heavy and Tractor-Trailer Truck Drivers	1,021	5,473	Postsecondary non-degree award
Registered Nurses	1,082	5,323	Associate's Degree
Nursing Assistants	538	3,163	Postsecondary non-degree award
Licensed Practical and Licensed Vocational Nurses	362	1,738	Postsecondary non-degree award
Medical Assistants	333	1,706	Postsecondary non-degree award

Service Area Occupations with Highest Projected Openings (2025)

Occupation Description	Annual Job Openings	Projected Job Growth (2025)	Typical Entry Level of Education
Heavy and Tractor-Trailer Truck Drivers	403	1,992	Postsecondary non-degree award
Registered Nurses	367	1,830	Associate's Degree
Nursing Assistants	199	1,162	Postsecondary non-degree award
Licensed Practical and Licensed Vocational Nurses	134	668	Postsecondary non-degree award
Medical Assistants	123	655	Postsecondary non-degree award

- Require AA/AS, Certificate, and/or On-the-Job Training

Regional Program Gaps: Certificate Level

- Culinary Arts = 1,698 Gap
- Real Estate = 1,088 Gap
- Business Administration = 1,025 Gap
- Retail Management = 89 Gap
- Construction Inspection = 28 Gap

Certificate Level Areas of Opportunity

- Skilled Trades & Blue Collar Occupations are undersupplied.
- Legal Secretaries & Telecommunications Installers and Repairers also undersupplied.

Regional Program Gaps: Associate Level

- Real Estate = 1,299 Gap
- Business Administration = 827 Gap
- Accounting = 458 Gap

Associate Level Areas of Opportunity

- Medical & Clinical Laboratory Technicians
- Medical Equipment Repairers
- Cardiovascular Technologists and Technicians