

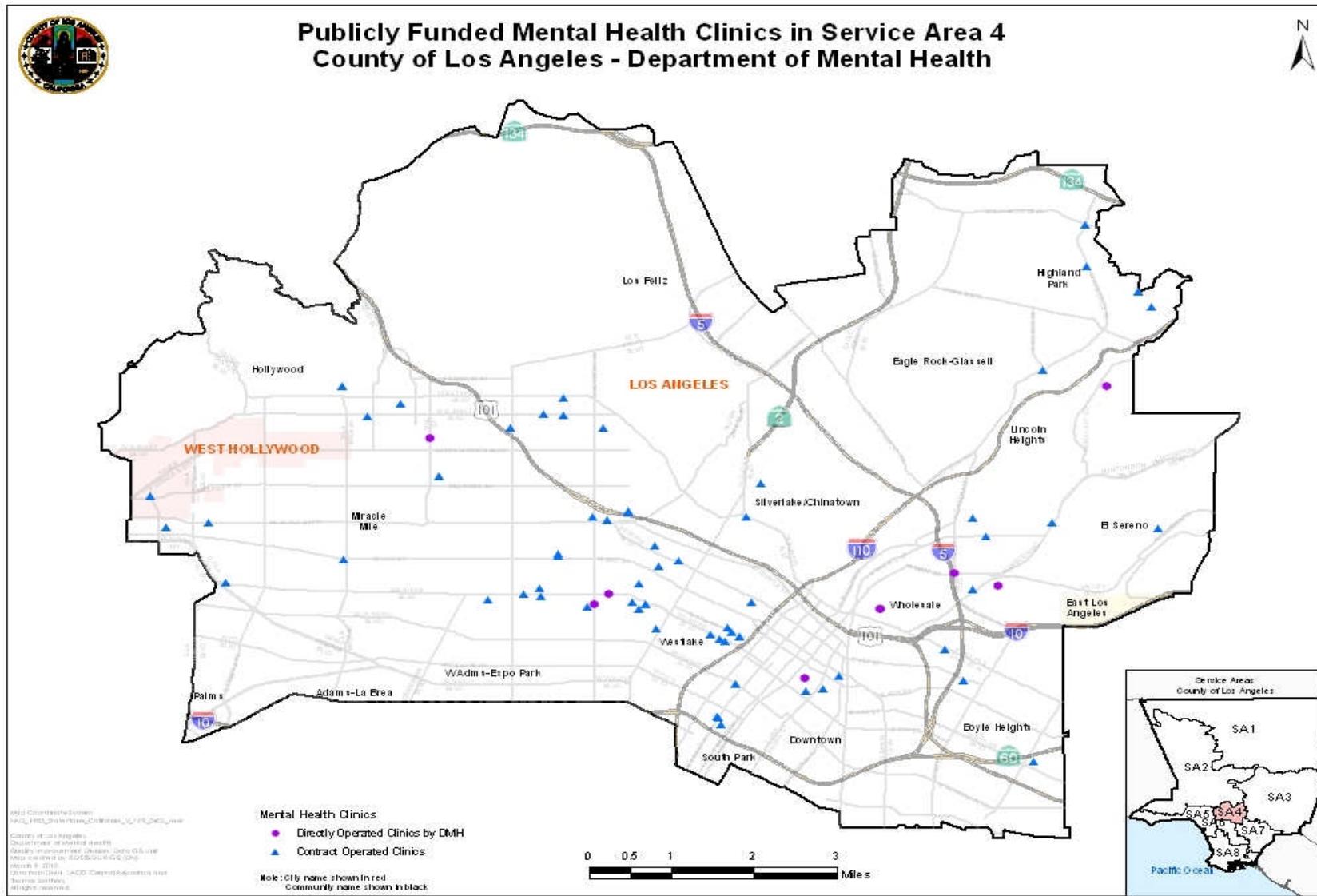


# Demographic Profile of Service Area 4 Part II

County of Los Angeles  
Department of Mental Health  
Program Support Bureau  
Quality Improvement Division  
Data-GIS Unit

January 2011

# Map of Service Area 4

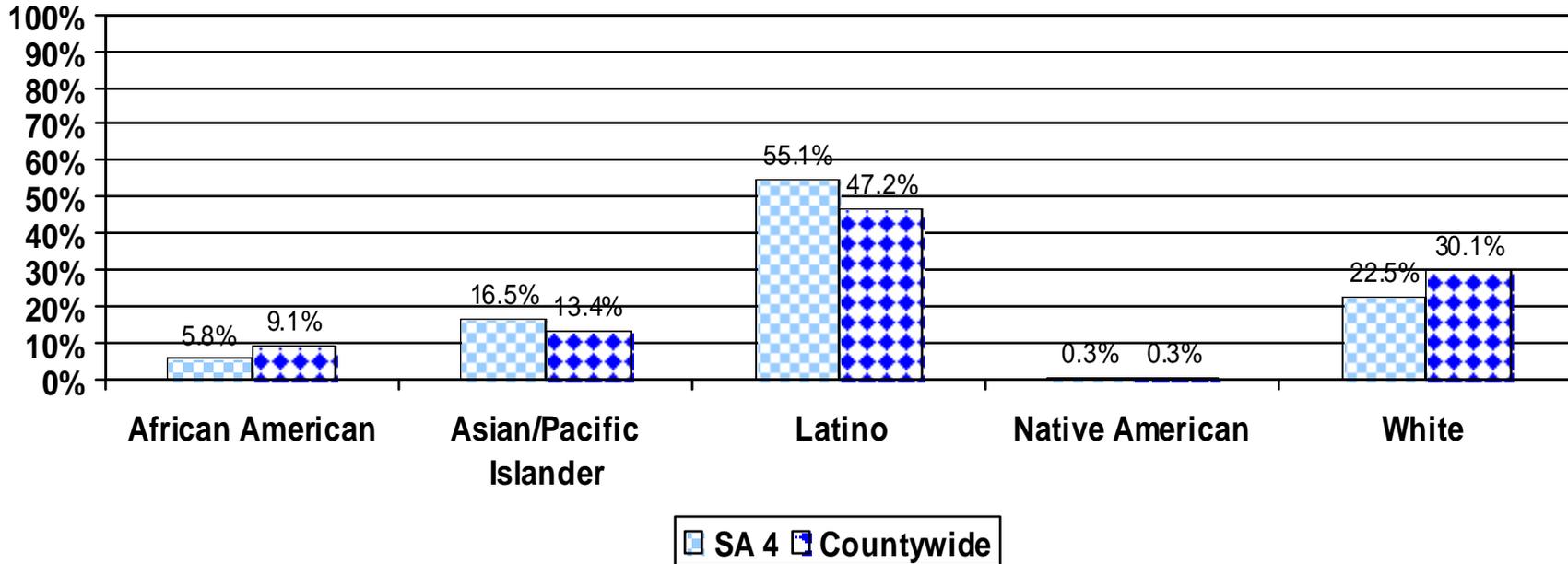


# Cities and Population Density

## SA 4 - 2009

- SA 4 consists of 2 legal cities (Los Angeles and West Hollywood) or 2% of all cities in Los Angeles County
- SA 4 covers 91.4 square miles and is 2% of the land area of Los Angeles County.
- Population density in SA 4 measuring the number of people per square mile is 13,994 as compared with 2,551 in Los Angeles County.
  - Population density in California measuring the number of people per square mile is 236
  - Population density in the United States measuring the number of people per square mile is 96

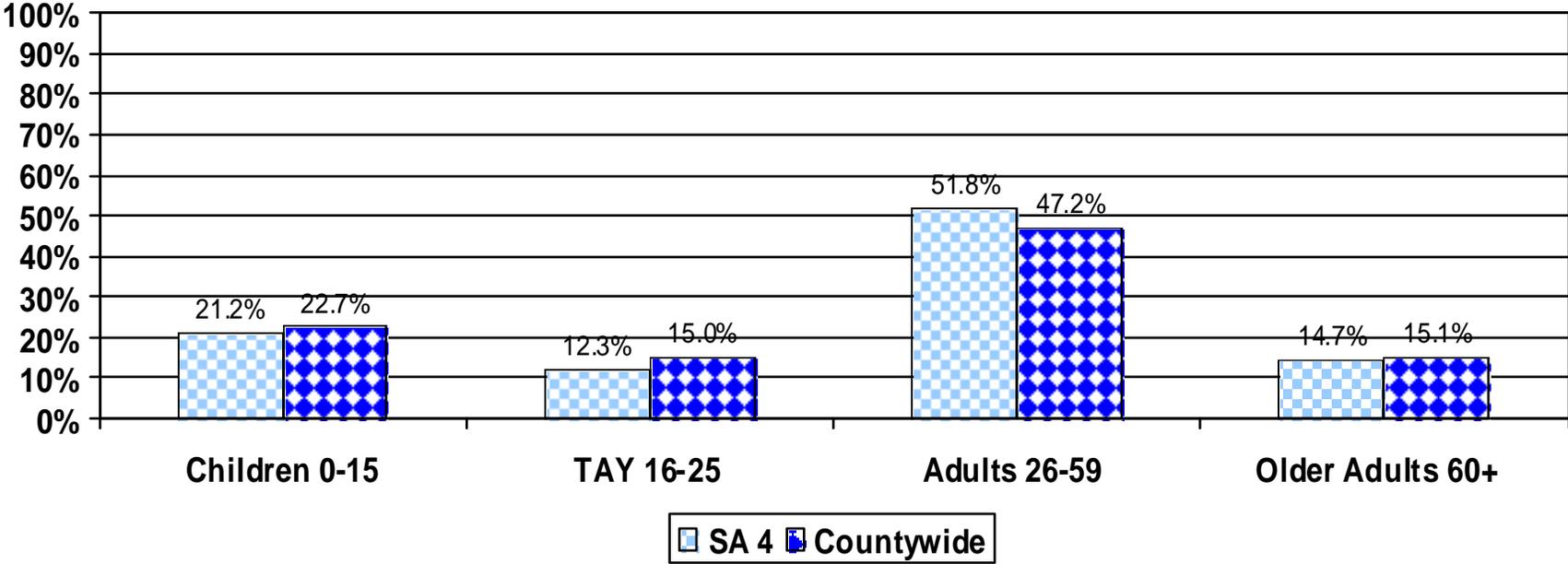
Figure 1: Estimated Population by Ethnicity  
in SA 4 Compared with Countywide  
CY 2009



|                   | African American | Asian/Pacific Islander | Latino    | Native American | White     | Total      |
|-------------------|------------------|------------------------|-----------|-----------------|-----------|------------|
| <b>SA 4</b>       | 72,347           | 204,535                | 685,303   | 3,389           | 279,497   | 1,243,184  |
|                   | 5.8%             | 16.5%                  | 55.1%     | 0.3%            | 22.5%     | 100%       |
| <b>Countywide</b> | 944,152          | 1,391,495              | 4,917,644 | 27,612          | 3,135,193 | 10,416,096 |
|                   | 9.1%             | 13.4%                  | 47.2%     | 0.3%            | 30.1%     | 100%       |

Population Estimates for CY 2009 provided by John Hedderson, Walter McDonald Associates, Sacramento, California.

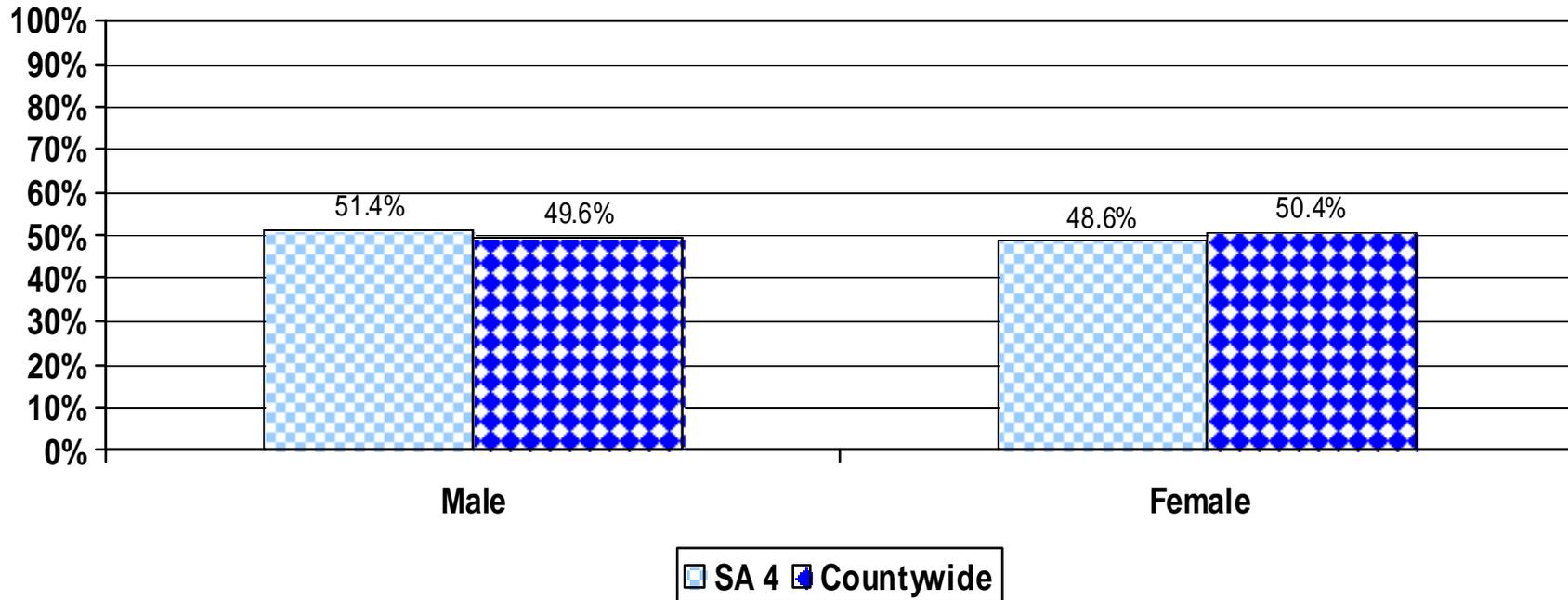
Figure 2: Estimated Population by Age Group  
in SA 4 Compared with Countywide  
CY 2009



|                   | Children<br>0-15   | TAY <sup>1</sup><br>16-25 | Adults<br>26-59    | Older Adults<br>60+ | Total              |
|-------------------|--------------------|---------------------------|--------------------|---------------------|--------------------|
| <b>SA 4</b>       | 263,060<br>21.2%   | 153,285<br>12.3%          | 644,540<br>51.8%   | 182,299<br>14.7%    | 1,243,184<br>100%  |
| <b>Countywide</b> | 2,367,592<br>22.7% | 1,560,167<br>15.0%        | 4,915,321<br>47.2% | 1,573,016<br>15.1%  | 10,416,096<br>100% |

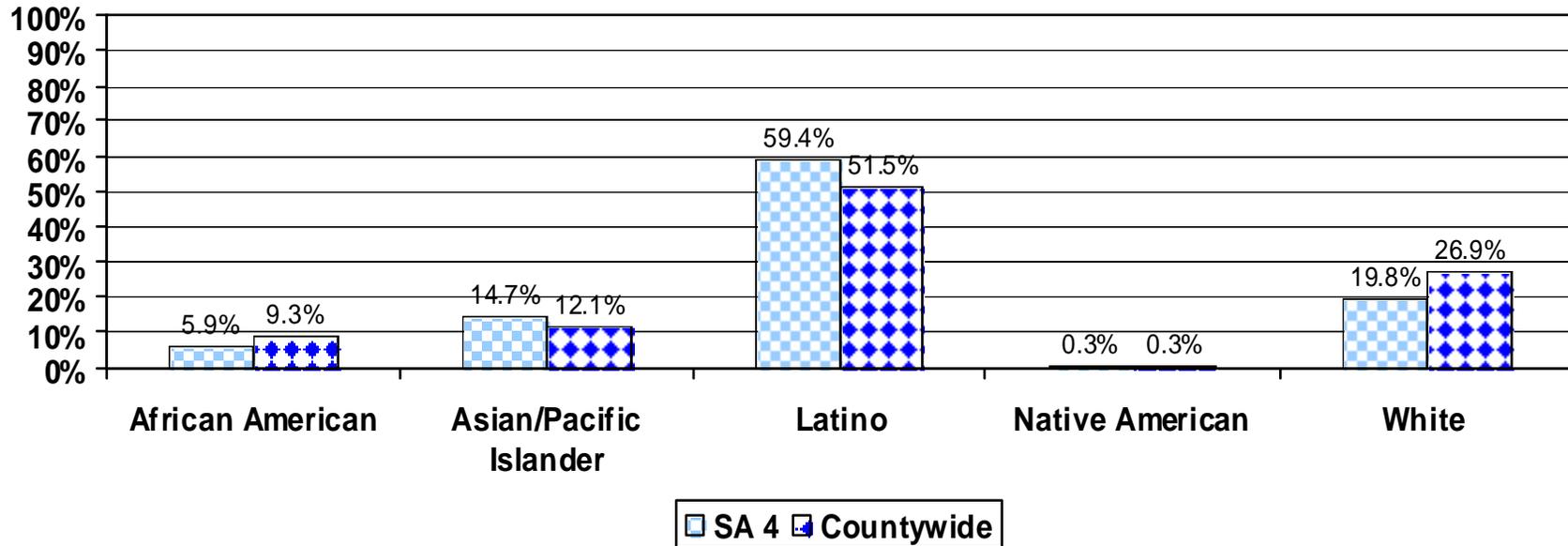
<sup>1</sup> TAY=Transition Age Youth (16-25 Years).

Figure 3: Estimated Population by Gender  
in SA 4 Compared with Countywide  
CY 2009



|                   | Male      | Female    | Total      |
|-------------------|-----------|-----------|------------|
| <b>SA 4</b>       | 638,924   | 604,260   | 1,243,184  |
|                   | 51.4%     | 48.6%     | 100%       |
| <b>Countywide</b> | 5,161,564 | 5,254,532 | 10,416,096 |
|                   | 49.6%     | 50.4%     | 100%       |

Figure 4: Estimated Prevalence of SED<sup>1</sup> and SMI<sup>2</sup> by Ethnicity in SA 4 Compared with Countywide CY 2009

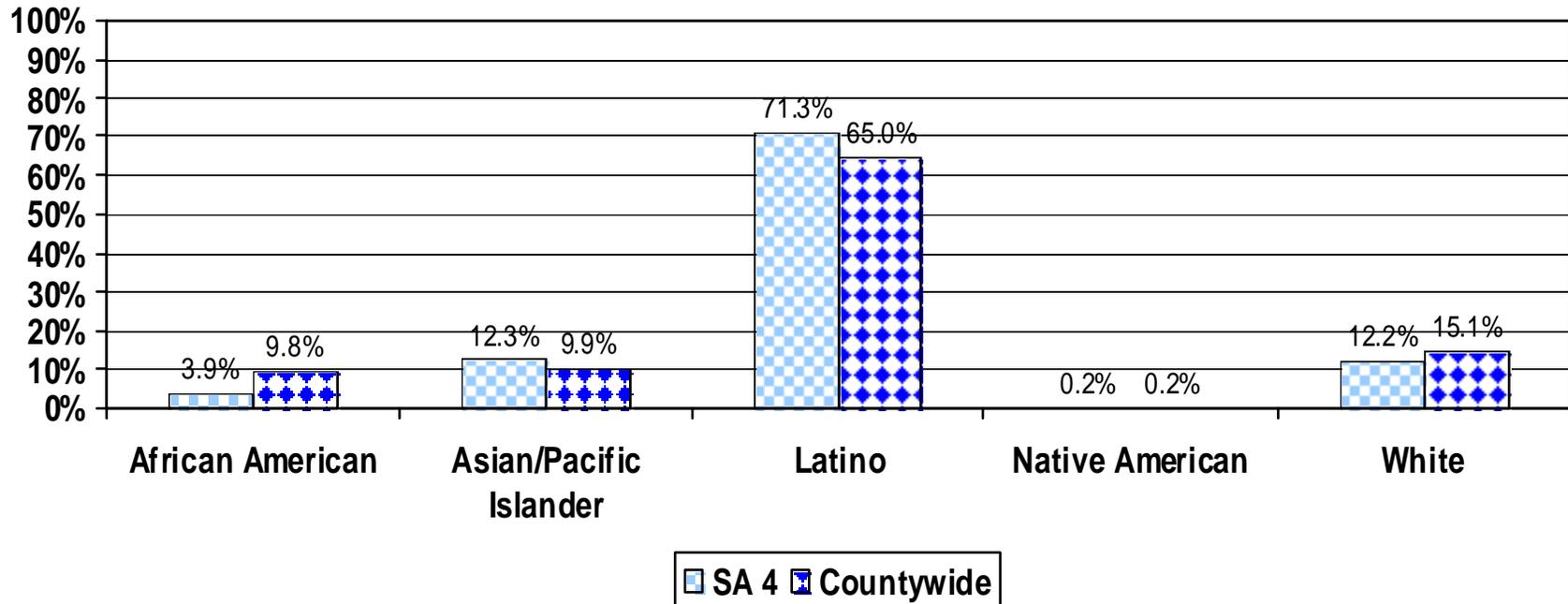


|                   | African American | Asian/Pacific Islander | Latino  | Native American | White   | Total   |
|-------------------|------------------|------------------------|---------|-----------------|---------|---------|
| <b>SA 4</b>       | 5,209            | 13,090                 | 52,768  | 224             | 17,608  | 88,900  |
|                   | 5.9%             | 14.7%                  | 59.4%   | 0.3%            | 19.8%   | 100%    |
| <b>Countywide</b> | 67,979           | 89,056                 | 378,659 | 1,822           | 197,517 | 735,033 |
|                   | 9.3%             | 12.1%                  | 51.5%   | 0.3%            | 26.9%   | 100%    |

<sup>1</sup> SED = Serious Emotional Disturbance (Children) <sup>2</sup> SMI = Serious Mental Illness (Adults)

The Countywide Estimated Prevalence of SED and SMI is a federal formula based on mental health service utilization rates for Total Population provided by the State to the County (10,416,096 x 6.8% = 706,211). Prevalence Rate for each ethnic group varies between 6.2% and 7.7%. Figure 4 shows the adjusted total at 735,033.

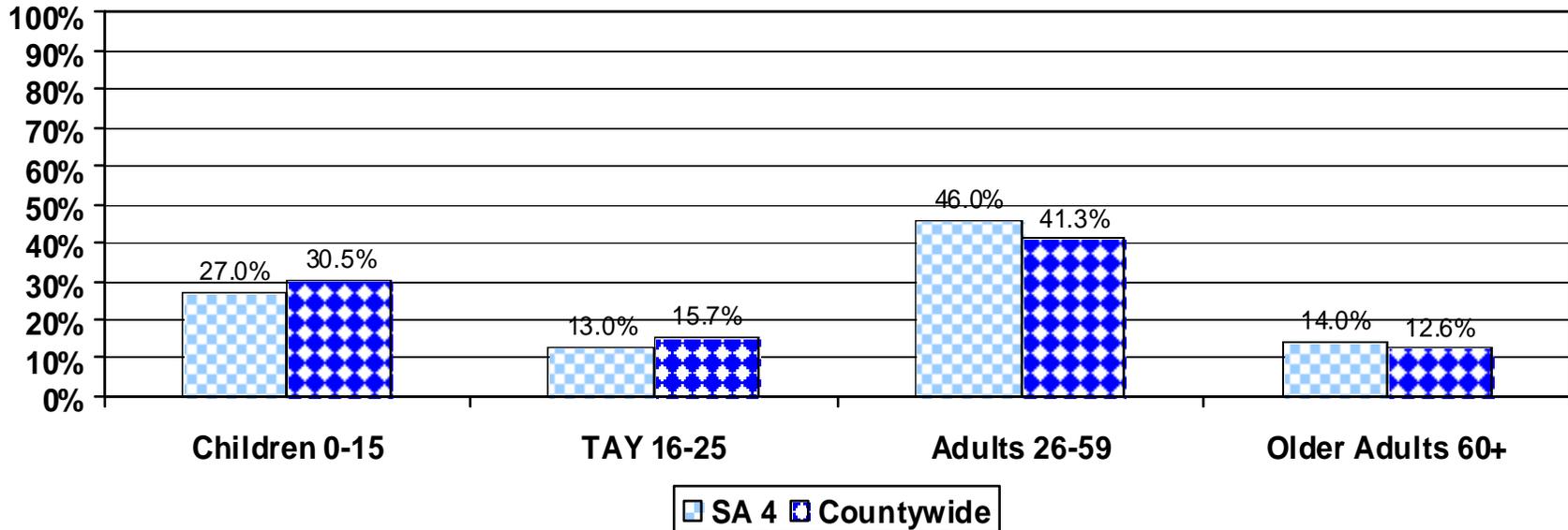
Figure 5: Estimated Population Living At or Below 200% Federal Poverty Level by Ethnicity in SA 4 Compared with Countywide CY 2009



|                   | African American | Asian/Pacific Islander | Latino    | Native American | White   | Total     |
|-------------------|------------------|------------------------|-----------|-----------------|---------|-----------|
| <b>SA 4</b>       | 22,343           | 71,371                 | 412,276   | 1,187           | 70,768  | 577,945   |
|                   | 3.9%             | 12.3%                  | 71.3%     | 0.2%            | 12.2%   | 100%      |
| <b>Countywide</b> | 364,446          | 370,349                | 2,426,069 | 9,180           | 564,582 | 3,734,626 |
|                   | 9.8%             | 9.9%                   | 65.0%     | 0.2%            | 15.1%   | 100%      |

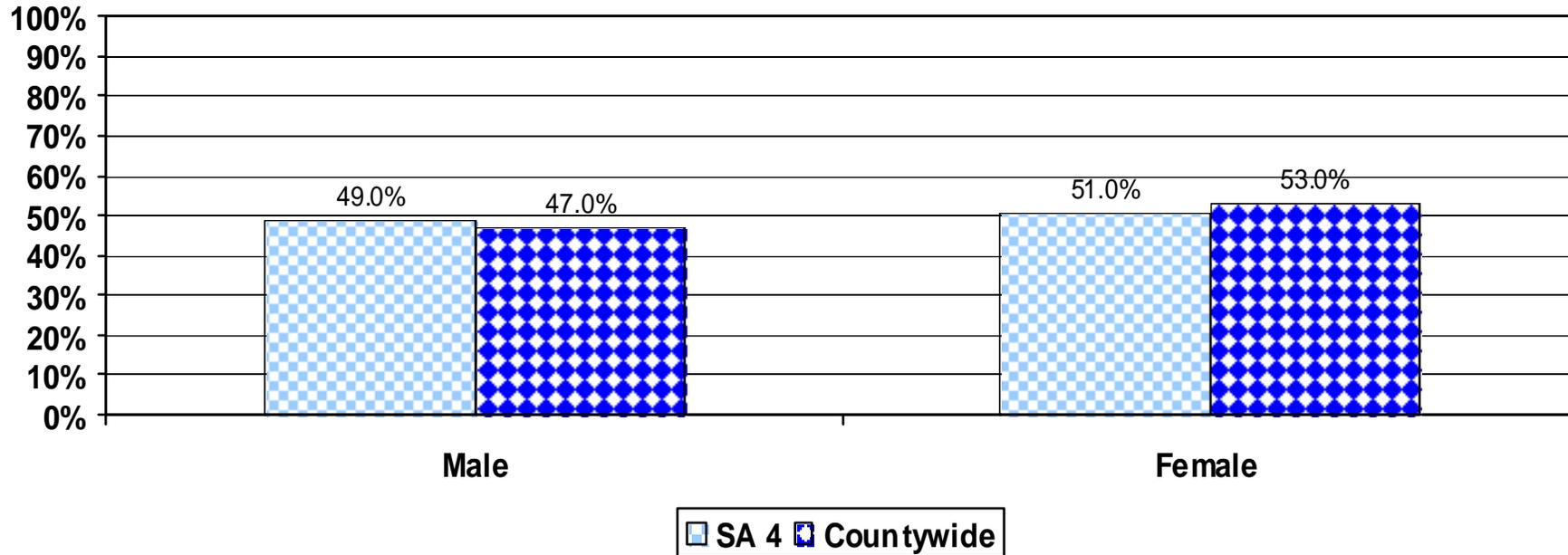
Poverty Estimates for 2009 provided by John Hedderson, Walter McDonald Associates, Sacramento, California.

Figure 6: Estimated Population Living At or Below 200% Federal Poverty Level by Age Group in SA 4 Compared with Countywide CY 2009



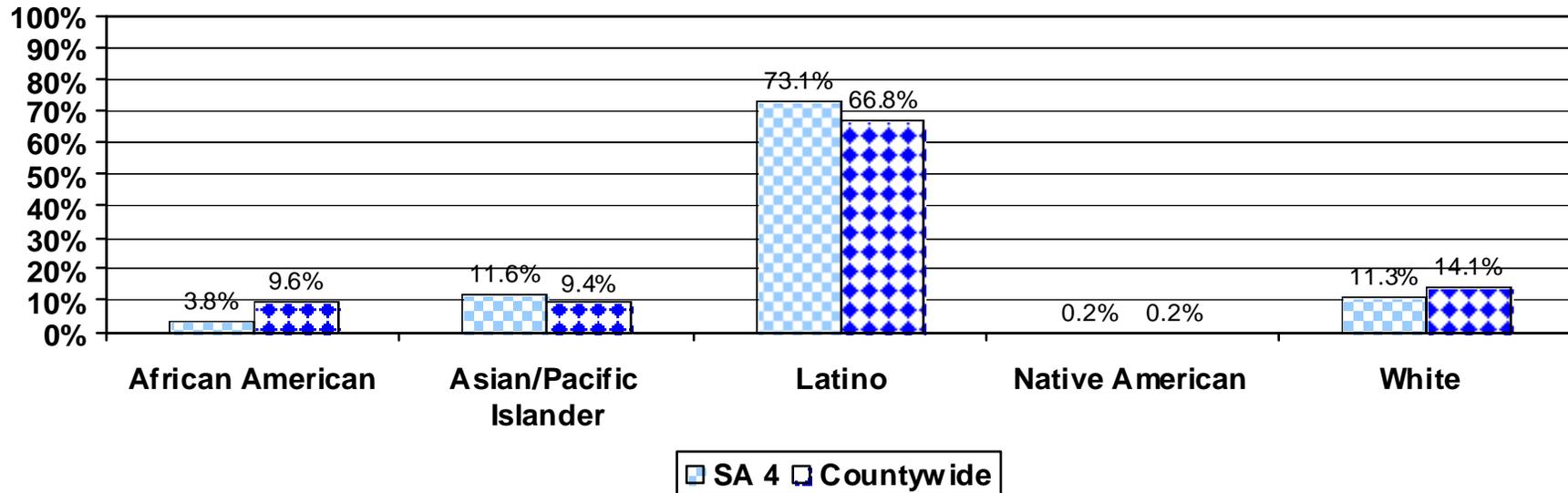
|                   | Children 0-15 yrs  | TAY 16-25 yrs    | Adults 26-59 yrs   | Older Adults 60+ yrs | Total             |
|-------------------|--------------------|------------------|--------------------|----------------------|-------------------|
| <b>SA 4</b>       | 155,199<br>27.0%   | 75,904<br>13.0%  | 266,759<br>46.0%   | 80,061<br>14.0%      | 577,923<br>100%   |
| <b>Countywide</b> | 1,138,654<br>30.5% | 585,904<br>15.7% | 1,540,601<br>41.3% | 469,376<br>12.6%     | 3,734,535<br>100% |

Figure 7: Estimated Population Living At or Below 200% Federal Poverty Level by Gender in SA 4 Compared with Countywide CY 2009



|                   | Male      | Female    | Total     |
|-------------------|-----------|-----------|-----------|
| <b>SA 4</b>       | 281,019   | 296,926   | 577,923   |
|                   | 49.0%     | 51.0%     | 100%      |
| <b>Countywide</b> | 1,769,196 | 1,965,430 | 3,734,626 |
|                   | 47.0%     | 53.0%     | 100%      |

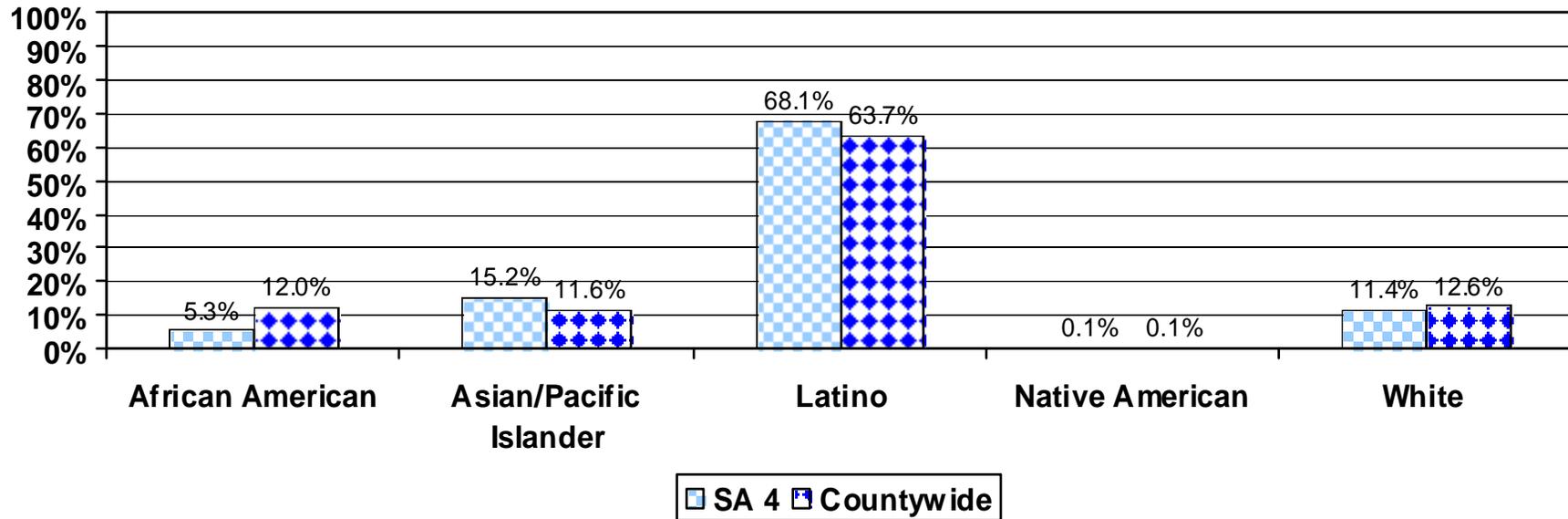
Figure 8: Estimated Prevalence of SED and SMI Among Population Living At or Below 200% Federal Poverty Level by Ethnicity in SA 4 Compared with Countywide CY 2009



|                   | African American | Asian/Pacific Islander | Latino           | Native American | White           | Total           |
|-------------------|------------------|------------------------|------------------|-----------------|-----------------|-----------------|
| <b>SA 4</b>       | 1,604<br>3.8%    | 4,925<br>11.6%         | 31,003<br>73.1%  | 82<br>0.2%      | 4,812<br>11.3%  | 42,427<br>100%  |
| <b>Countywide</b> | 26,167<br>9.6%   | 25,554<br>9.4%         | 182,440<br>66.8% | 638<br>0.2%     | 38,392<br>14.1% | 273,191<br>100% |

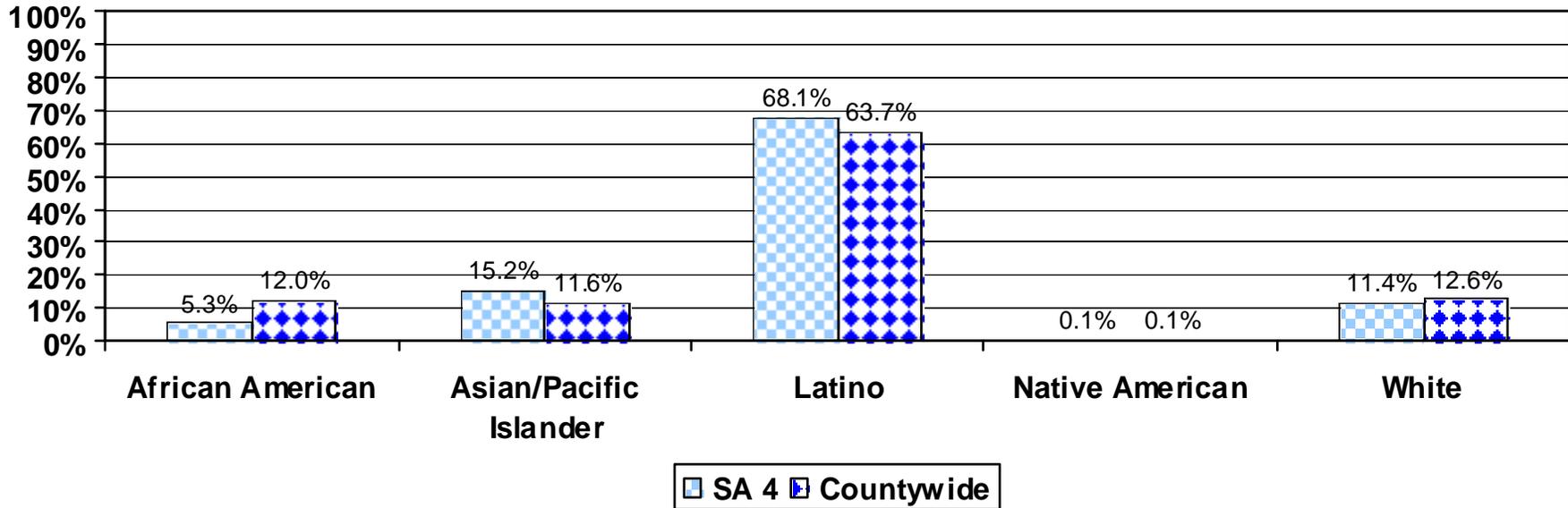
The Countywide Estimated Prevalence of SED and SMI for population living at or below 200% FPL is a federal formula based on mental health service utilization rates for 200% Poverty Population provided by the State to the County (10,416,096 x 7.5% = 208,097,211). Prevalence Rate for each ethnic group varies between 6.8% and 7.5%. Figure 8 shows the adjusted total at 273,191.

Figure 9: Medi-Cal Enrolled Population by Ethnicity  
in SA 4 Compared with Countywide  
FY 2009-2010



|                   | African American | Asian/Pacific Islander | Latino             | Native American | White            | Total             |
|-------------------|------------------|------------------------|--------------------|-----------------|------------------|-------------------|
| <b>SA 4</b>       | 12,739<br>5.3%   | 36,764<br>15.2%        | 164,922<br>68.1%   | 397<br>0.1%     | 27,527<br>11.4%  | 242,189<br>100%   |
| <b>Countywide</b> | 233,394<br>12.0% | 226,385<br>11.6%       | 1,242,950<br>63.7% | 2,260<br>0.1%   | 246,041<br>12.6% | 1,951,030<br>100% |

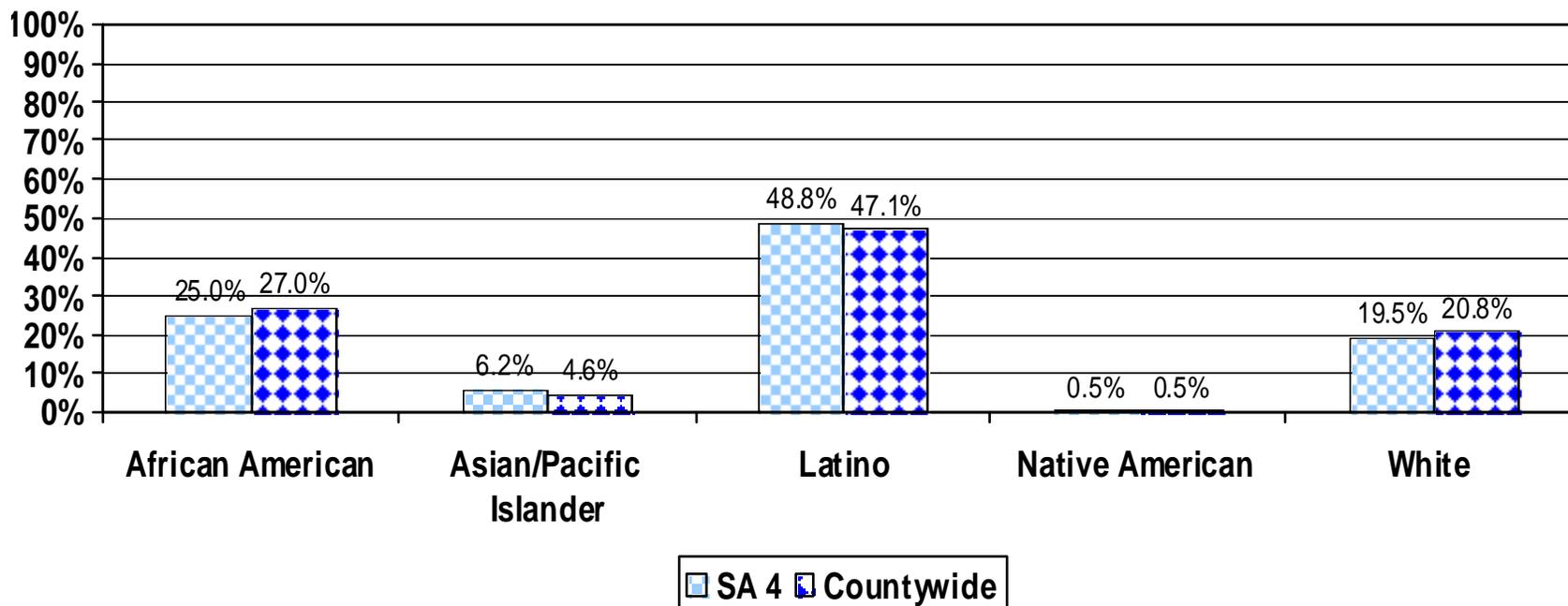
Figure 10: Estimated Prevalence of SED and SMI Among Medi-Cal Enrolled Population by Ethnicity in SA 4 Compared with Countywide FY 2009-2010



|                   | African American | Asian/Pacific Islander | Latino          | Native American | White           | Total           |
|-------------------|------------------|------------------------|-----------------|-----------------|-----------------|-----------------|
| <b>SA 4</b>       | 955<br>5.3%      | 2,757<br>15.2%         | 12,369<br>68.1% | 18<br>0.1%      | 2,065<br>11.4%  | 18,164<br>100%  |
| <b>Countywide</b> | 17,505<br>12%    | 16,979<br>11.6%        | 93,221<br>63.7% | 170<br>0.1%     | 18,453<br>12.6% | 146,327<br>100% |

The Countywide Estimated Prevalence of SED and SMI Medi-Cal Enrolled Population is a State mental health services eligibility determination, equal to 7.5% of Total Medi-Cal Enrolled Population (2,030,754) per State MEDS file, March 2010, (2,030,754 X 7.5% = 152,307). Figure 10 excludes "Missing" or "Unknown" Ethnicity (N=5,979), and equals an Adjusted Total of 146,327.

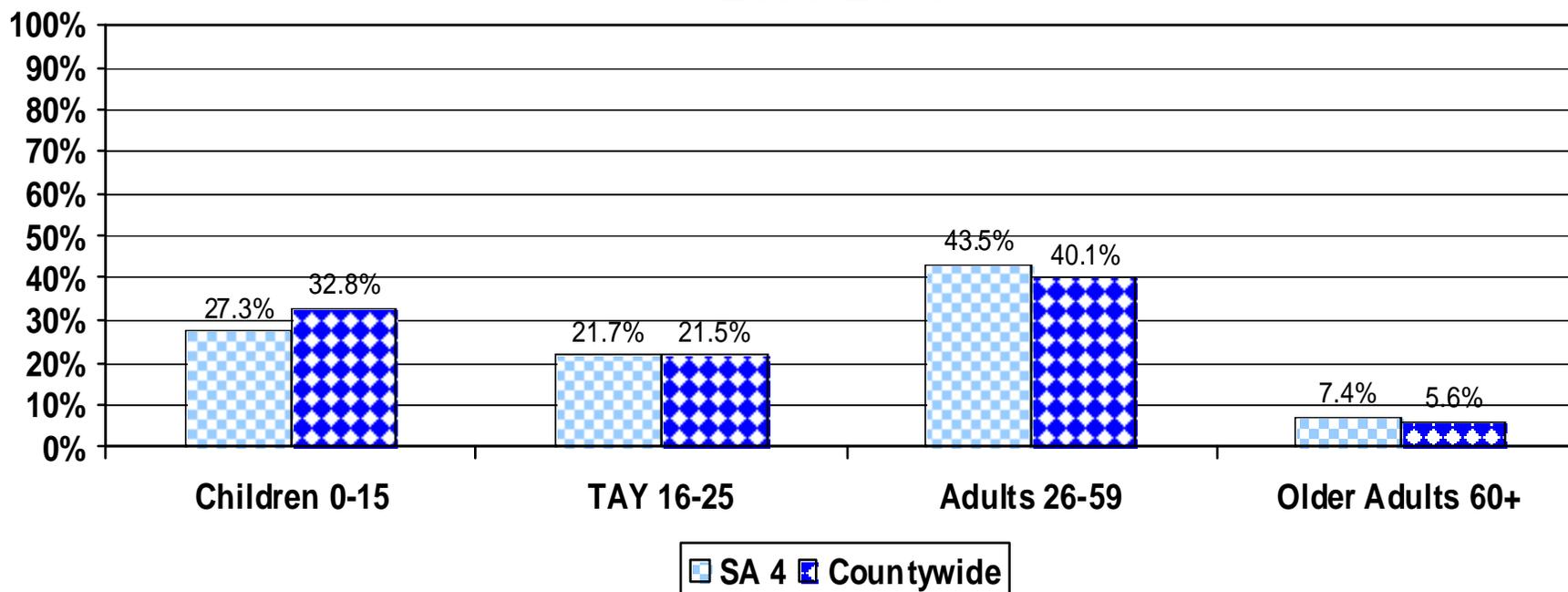
Figure 11: Consumers Served in Outpatient Short Doyle/Medi-Cal Facilities by Ethnicity in SA 4 Compared with Countywide FY 2009-2010



|                   | African American | Asian/Pacific Islander | Latino          | Native American | White           | Total           |
|-------------------|------------------|------------------------|-----------------|-----------------|-----------------|-----------------|
| <b>SA4</b>        | 10,806<br>25.0%  | 2,699<br>6.2%          | 21,110<br>48.8% | 213<br>0.5%     | 8,435<br>19.5%  | 43,263<br>100%  |
| <b>Countywide</b> | 55,644<br>27.0%  | 9,406<br>4.6%          | 96,859<br>47.1% | 1,114<br>0.5%   | 42,846<br>20.8% | 205,869<br>100% |

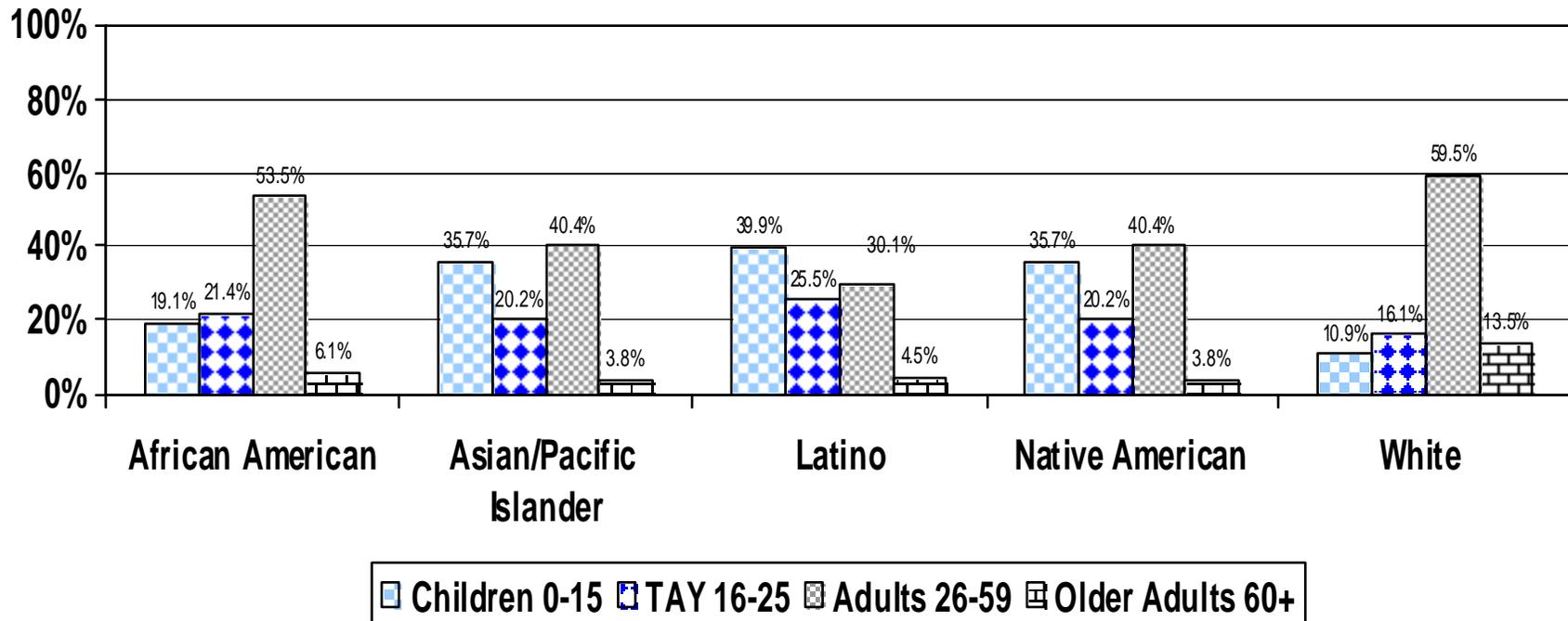
The Countywide Consumers Served in Outpatient Short/Doyle Medi-Cal Facilities equals a Duplicated Count of 205,869 in one or more Service Areas, and a Unique Count of 175,042 Countywide, per LAC-DMH IS Database Tables, FY 2009-2010.

Figure 12: Consumers Served in Outpatient Short Doyle/Medi-Cal Facilities by Age Group in SA 4 Compared with Countywide FY 2009-2010



|            | Children<br>0-15 yrs | TAY<br>16-25 yrs | Adults<br>26-59 yrs | Older Adults<br>60+ yrs | Total           |
|------------|----------------------|------------------|---------------------|-------------------------|-----------------|
| SA4        | 11,817<br>27.3%      | 9,404<br>21.7%   | 18,819<br>43.5%     | 3,223<br>7.4%           | 43,263<br>100%  |
| Countywide | 67,450<br>32.8%      | 44,339<br>21.5%  | 82,513<br>40.1%     | 11,567<br>5.6%          | 205,869<br>100% |

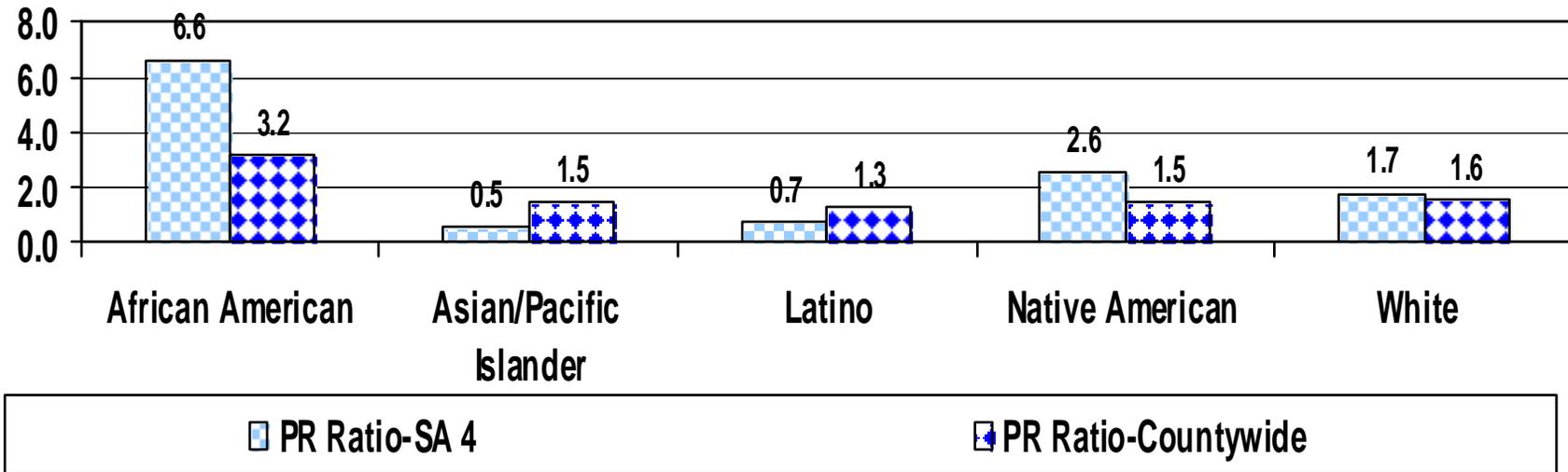
Figure 13: Consumers Served in SA 4 Outpatient Short Doyle/Medi-Cal Facilities by Ethnicity and Age Group  
FY 2009 - 2010



**Table 1: Consumers Served in SA 4 Outpatient Short Doyle/Medi-Cal  
Facilities by Ethnicity and Age Group  
FY 2009 - 2010**

|                               | <b>Children<br/>0-15 yrs</b> | <b>Transition Age<br/>Youth<br/>16-25 yrs</b> | <b>Adults<br/>26-59 yrs</b> | <b>Older Adults<br/>60+ yrs</b> | <b>Total</b>   |
|-------------------------------|------------------------------|---|-----------------------------|---------------------------------|----------------|
| <b>African American</b>       | 2,060<br>19.1%               | 2,310<br>21.4%                                | 5,778<br>53.5%              | 658<br>6.1%                     | 10,806<br>100% |
| <b>Asian/Pacific Islander</b> | 330<br>12.2%                 | 322<br>11.9%                                  | 1,580<br>58.5%              | 467<br>17.3%                    | 2,699<br>100%  |
| <b>Latino</b>                 | 8,431<br>40.6%               | 5,373<br>25.5%                                | 6,354<br>30.1%              | 952<br>4.5%                     | 21,110<br>100% |
| <b>Native American</b>        | 76<br>35.7%                  | 43<br>20.2%                                   | 86<br>40.4%                 | 8<br>3.8%                       | 213<br>100%    |
| <b>White</b>                  | 920<br>10.9%                 | 1,356<br>16.1%                                | 5,021<br>59.5%              | 1,138<br>13.5%                  | 8,435<br>100%  |
| <b>Total</b>                  | 11,817<br>27.3%              | 9,404<br>21.7%                                | 18,819<br>43.5%             | 3,223<br>7.4%                   | 43,263<br>100% |

Figure 14: Penetration Rate<sup>1</sup> Ratios by Ethnicity Among Estimated SED & SMI Populations Living At or Below 200% Poverty in SA 4 Compared with Countywide FY 2009-2010



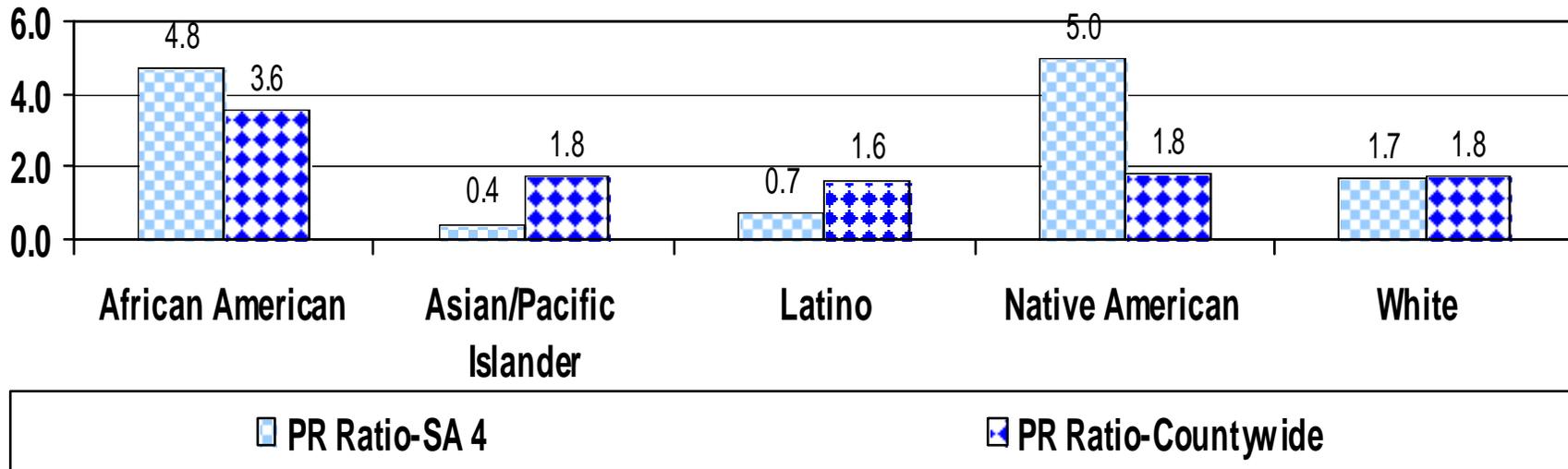
<sup>1</sup> Penetration Rate (PR) is an estimate of how many consumers that have mental illness are being served with Mental Health Services (MHS). Mathematically, PR is the number of consumers served in FY 2009-2010 divided by estimated SED/SMI populations.

Penetration Rate Ratios reflects the likelihood of one group to be served compared with other groups. For example, a PR Ratio of 6.6 ( $673.7/102.0 = 6.6$ , see Table 2) for African Americans in SA 4 indicates that African Americans are 6.6 times more likely to receive MHS in SA 4 as compared with all other ethnic groups in SA 4. A PR Ratio of 3.2 ( $673.7/212.6 = 3.2$ ) for African Americans (Countywide) indicates that African Americans are 3.2 times more likely to receive MHS in SA 4 as compared with all other African American consumers in the County. Please note that the PR Ratios only take into account two factors and are not multivariate analysis.

**Table 2: Penetration Rate<sup>1</sup> Ratios by Ethnicity Among Estimated SED  
& SMI Populations Living At or Below 200% Federal Poverty Level in  
SA 4 and Countywide  
FY 2009 - 2010**

|  | <b>African American</b> | <b>Asian/Pacific Islander</b> | <b>Latino</b> | <b>Native American</b> | <b>White</b> | <b>Total</b> |
|--|-------------------------|-------------------------------|---------------|------------------------|--------------|--------------|
| <b>SA 4 - Consumers served</b>   | 10,806                  | 2,699                         | 21,110        | 213                    | 8,435        | 43,263       |
| <b>SA 4 - Estimated SED &amp; SMI Population Living At or Below 200% Poverty</b> | 1,604                   | 4,925                         | 31,003        | 82                     | 4,812        | 42,427       |
| <b>Penetration Rate (PR) - Countywide</b>  | 212.6%                  | 36.8%                         | 53.1%         | 174.6%                 | 111.6%       | 75.4%        |
| <b>Penetration Rate – SA 4</b>   | 673.7%                  | 54.8%                         | 68.1%         | 259.8%                 | 175.3%       | 102.0%       |
| <b><i>PR Ratio-SA 4</i></b>  | <i>6.61</i>             | <i>0.54</i>                   | <i>0.67</i>   | <i>2.55</i>            | <i>1.72</i>  | <i>1.00</i>  |
| <b><i>PR Ratio-Countywide</i></b>  | <i>3.17</i>             | <i>1.49</i>                   | <i>1.28</i>   | <i>1.49</i>            | <i>1.57</i>  | <i>1.35</i>  |

Figure 15: Penetration Rate<sup>1</sup> Ratios by Ethnicity Among Estimated SED & SMI Populations Enrolled in Medi-Cal in SA 4 and Countywide FY 2009-2010



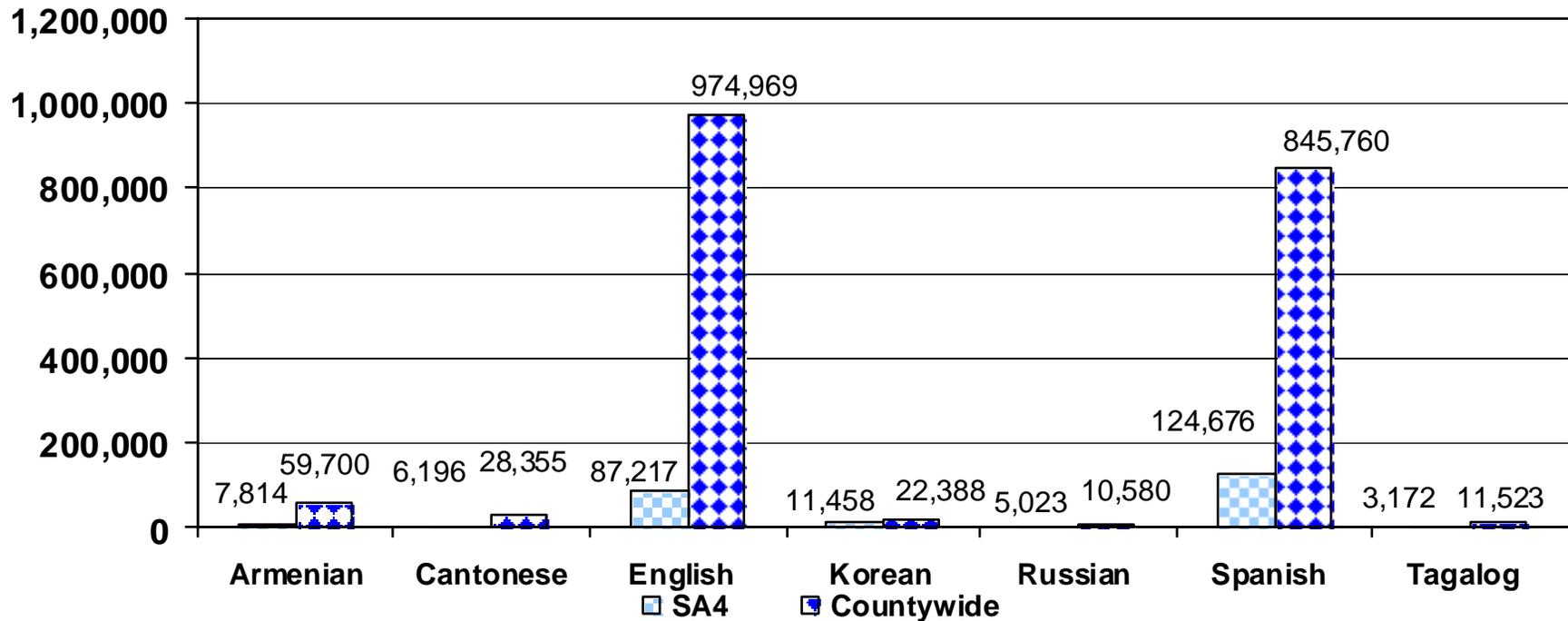
Penetration Rate (PR) is an estimate of how many consumers that have mental illness are being served with Mental Health Services (MHS). Mathematically, PR is the number of consumers served in FY 2009-2010 divided by estimated SED/SMI populations.

Penetration Rate Ratios reflects the likelihood of one group to be served compared with other groups. For example, a PR Ratio of 4.7 ( $1131.5/238.2 = 4.7$ , see Table 3) for African Americans in SA 4 indicates that African Americans are 4.7 times more likely to receive MHS in SA 4 as compared with all other ethnic groups in SA 4. A PR Ratio of 3.6 ( $1131.5/317.9 = 3.6$ ) for African Americans (Countywide) indicates that African Americans are 3.6 times more likely to receive MHS in SA 4 as compared with all other African American consumers in the County. Please note that the PR Ratios only take into account two factors and are not multivariate analysis.

**Table 3: Penetration Rate Ratios by Ethnicity Among Estimated SED & SMI Populations Enrolled in Medi-Cal in SA 4 and Countywide  
FY 2009-2010**

|   | <b>African American</b> | <b>Asian/Pacific Islander</b> | <b>Latino</b> | <b>Native American</b> | <b>White</b> | <b>Total</b> |
|---|-------------------------|-------------------------------|---------------|------------------------|--------------|--------------|
| <b>SA 4 - Consumers served</b>  | 10,806                  | 2,699                         | 21,110        | 213                    | 8,435        | 43,263       |
| <b>SA 4 - Estimated SED &amp; SMI Population Enrolled in Medi-Cal</b> | 955                     | 2,757                         | 12,369        | 18                     | 2,065        | 18,164       |
| <b>Countywide Penetration Rate (PR)</b>                               | 317.9%                  | 55.4%                         | 103.9%        | 655.3%                 | 232.2%       | 140.7%       |
| <b>SA 4 PR</b>  | 1131.5%                 | 97.9%                         | 170.7%        | 1183.3%                | 408.5%       | 238.2%       |
| <b>PR Ratio-SA 4</b>  | 4.75                    | 0.41                          | 0.72          | 4.97                   | 1.71         | 1.00         |
| <b>PR Ratio-Countywide</b>  | 3.56                    | 1.77                          | 1.64          | 1.81                   | 1.76         | 1.69         |

Figure 16: Medi-Cal Enrolled Population<sup>1</sup> Who Speak Threshold Languages<sup>2</sup>  
SA 4<sup>3</sup> & Countywide  
FY 2009-2010

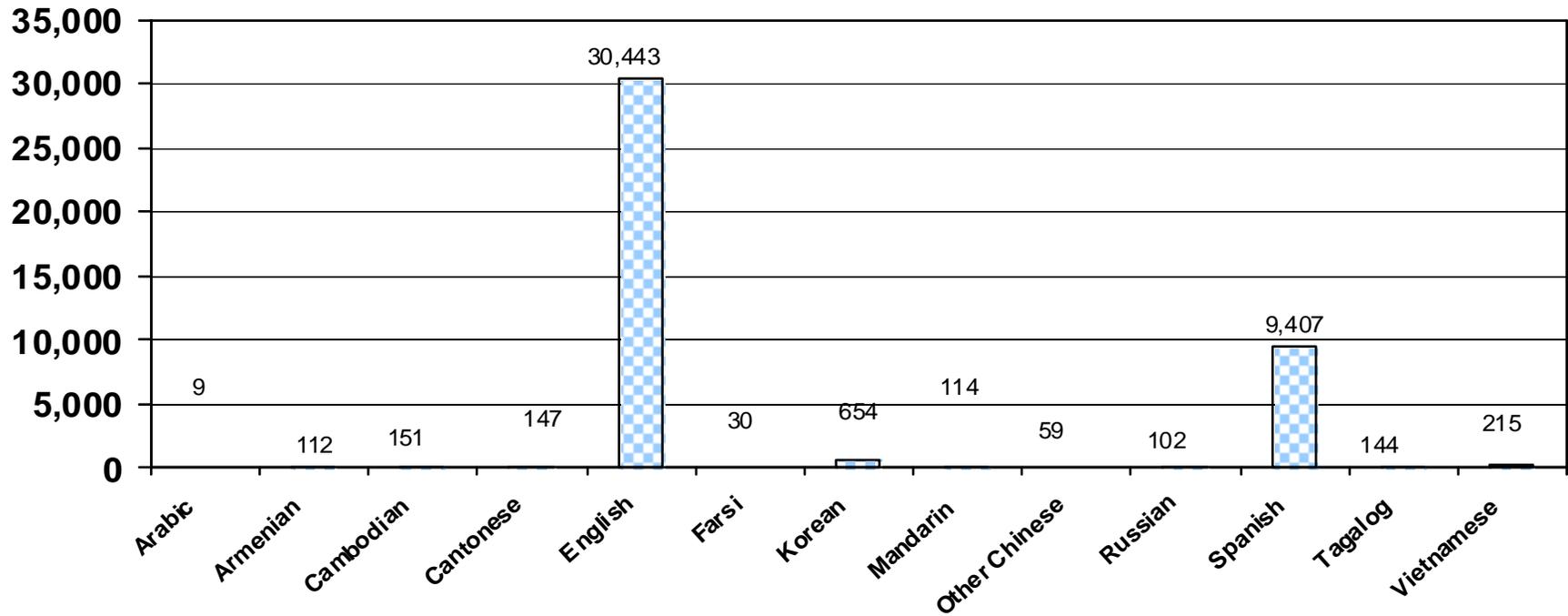


<sup>1</sup> Medi-Cal Enrolled Population as reported in the State MEDS File - March 2010

<sup>2</sup> Threshold Languages means a language identified on the Medi-Cal Eligibility Data System (MEDS) as the primary language of 3,000 beneficiaries or five percent of the beneficiary population, whichever is lower, in an identified geographic area, per Title 9, CCR, Section 1810.410 (f) (3).

<sup>3</sup> SA 4 has 7 identified Threshold Languages: Armenian, Cantonese, English, Korean, Russian, Spanish, and Tagalog.

Figure 17: Languages<sup>1</sup> Spoken By Consumers Served in Outpatient Short Doyle/Medi-Cal Facilities in SA 4  
FY 2009-2010



<sup>1</sup> Primary language of consumers as reported in LAC-DMH IS database.

## Penetration Rate by Ethnicity in SA 4 FY 2007 through 2010

| Ethnicity              | Number of Consumers Served <sup>1</sup> in Fiscal Year (FY) | Population Estimated with SED and SMI | Penetration Rate <sup>2</sup> Among Total Population | Population Estimated with SED and SMI AND Living at or Below 200% Poverty | Penetration Rate <sup>2</sup> Among Population Living at or Below 200% Poverty <sup>3</sup> |
|------------------------|---|---------------------------------------|--|---|---|
| <b>FY 2007 - 2008</b>  |   |                                       |  |   |   |
| African American       | 6,224   | 5,079                                 | 122.5%   | 1,910   | 325.9%  |
| Asian/Pacific Islander | 1,969   | 14,697                                | 13.4%  | 6,173   | 31.9%   |
| Latino                 | 16,716  | 54,532                                | 30.7%  | 39,503  | 42.3%   |
| Native American        | 136   | 258                                   | 52.7%  | 79  | 172.2%  |
| White                  | 5,431   | 16,727                                | 32.5%  | 6,073   | 89.4%   |
| <b>Total</b>           | <b>30,476</b>   | <b>91,293</b>                         | <b>33.4%</b>   | <b>53,738</b>   | <b>56.7%</b>  |
| <b>FY 2008 - 2009</b>  |   |                                       |  |   |   |
| African American       | 10,416  | 5,133                                 | 202.9%   | 2,400   | 434.0%  |
| Asian/Pacific Islander | 2,560   | 14,850                                | 17.2%  | 7,421   | 34.5%   |
| Latino                 | 19,364  | 54,969                                | 35.2%  | 42,942  | 45.1%   |
| Native American        | 194   | 225                                   | 86.2%  | 93  | 208.6%  |
| White                  | 7,641   | 16,992                                | 45.0%  | 7,024   | 108.8%  |
| <b>Total</b>           | <b>40,175</b>   | <b>92,168</b>                         | <b>43.6%</b>   | <b>59,881</b>   | <b>67.1%</b>  |
| <b>FY 2009 - 2010</b>  |   |                                       |  |   |   |
| African American       | 10,860  | 5,209                                 | 207.4%   | 1,604   | 673.7%  |
| Asian/Pacific Islander | 2,699   | 13,090                                | 20.6%  | 4,925   | 54.8%   |
| Latino                 | 21,110  | 52,768                                | 40.0%  | 31,003  | 68.1%   |
| Native American        | 213   | 224                                   | 95.1%  | 82  | 259.8%  |
| White                  | 8,435   | 17,608                                | 47.9%  | 4,812   | 175.3%  |
| <b>Total</b>           | <b>43,263</b>   | <b>88,900</b>                         | <b>48.7%</b>   | <b>42,427</b>   | <b>102.0%</b>   |

Note: <sup>1</sup> Numbers Served represent consumers served by LAC-DMH in Short Doyle/Medi-Cal Facilities. The count does not include consumers served in Fee-For-Service Outpatient facilities, institutional facilities such as jails and probation camps as well as Inpatient facilities including Fee-For-Service Inpatient Hospitals. <sup>2</sup> Penetration Rate = Number of Consumers Served / Numbers of People Estimated with SMI & SED. <sup>3</sup> When an ethnic group is a smaller proportion of the overall population in that Service Area, penetration rates exceed 100% because of the disproportionate geographic distribution of that particular ethnic group in that Service Area.