

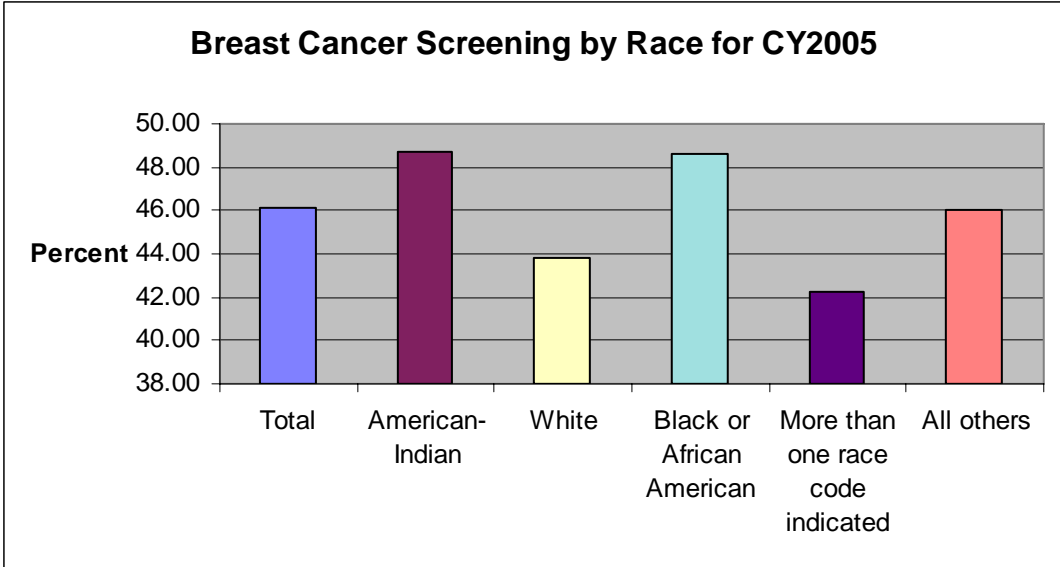
## **HEDIS DATA BY RACE FOR CY2005**

Due to North Carolina's increasingly diverse population, the North Carolina Division of Medical Assistance (NC DMA) is reporting data by race and ethnicity to identify the presence of disparities in service utilization. This subset of the annual HEDIS report is specific to race and ethnicity for all systems of care within North Carolina Medicaid.

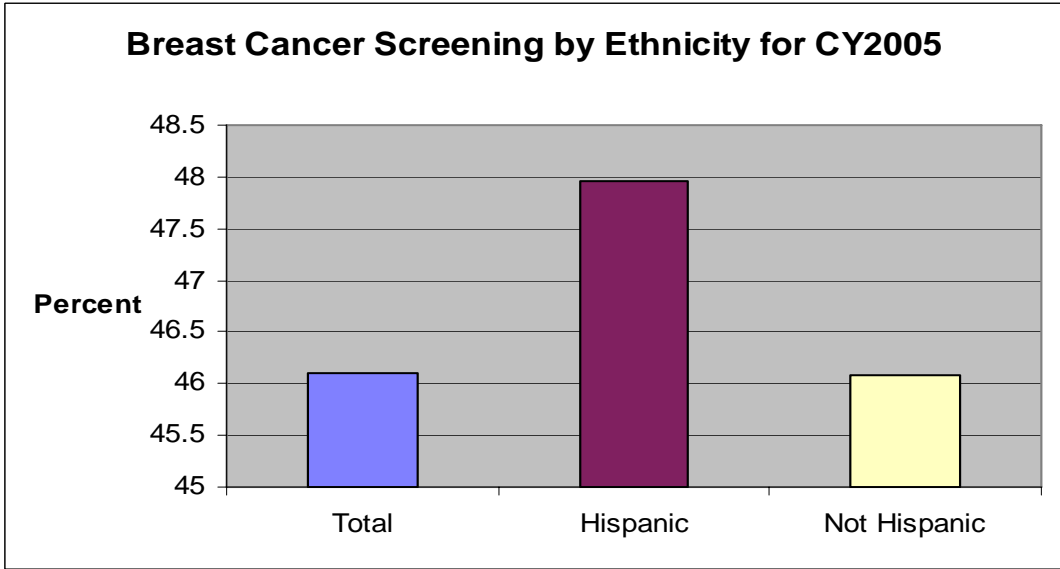
In August 2004, NC DMA began documenting ethnicity information as reported by Medicaid recipients. This information is entered into the Medicaid system at the time of enrollment or re-enrollment for Medicaid benefits. Currently, the majority of Medicaid recipients have ethnicity information listed in the Medicaid system. Although the reliability of this data will improve with time, there are some limitations that should be noted. In August 2004, the Eligibility Information System (EIS) was changed to remove "Hispanic" as a choice for "Race" and included "Hispanic" as a choice for "Ethnicity". When "Hispanic" was removed as an option from the race field, the field was automatically populated with "unreported" for all persons previously noted as "Hispanic". This presents a problem since some recipients are not required to re-enroll at the Department of Social Services resulting in their information not having been updated since the system change. Another issue with the "Race" category is that the county data entry instructions include "other" and "undetermined" as "unreported". This may include recipients who refused to provide information regarding race or other circumstances that may be more accurately reported otherwise.

Please refer to the main report for information about data limitations that possible resulted in lower rates.

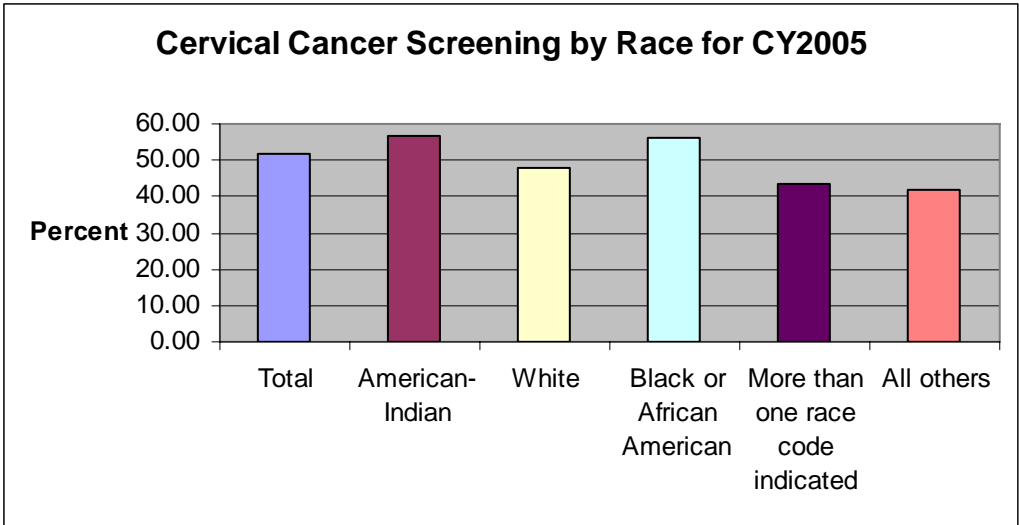
Our data indicates less variation across race and ethnicity in service utilization than predicted. For example, the graphs below show American Indians usually have the highest percentage results, indicating adequate access to care and service utilization. There are areas identified for improvement, as indicated in the main report from which this subset is derived.



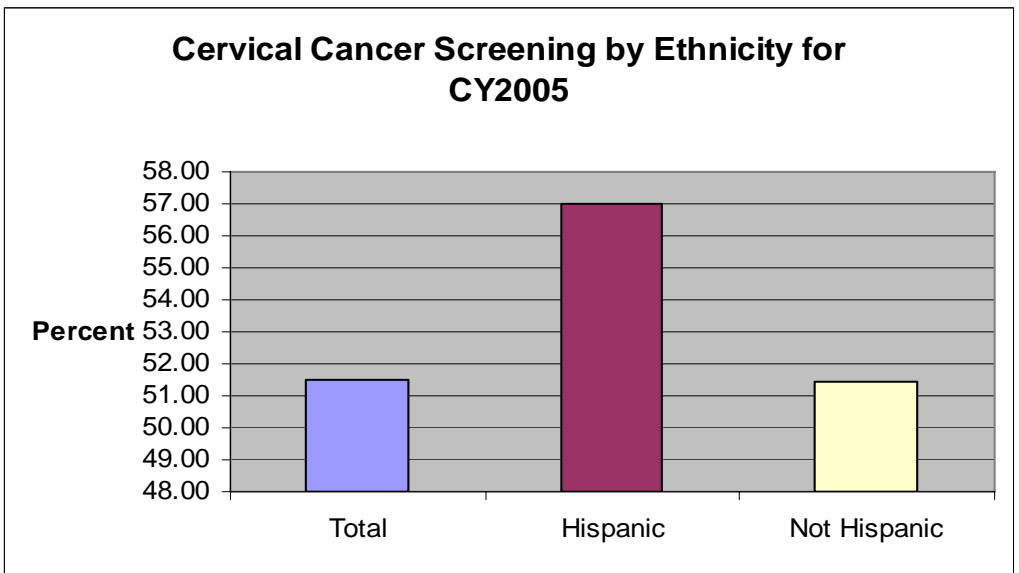
**Figure 1:** The percent of women 50-69 years of age who had a mammogram during CY2005 or the year prior to the measurement. The total is an average of the results for all races. Total 46.1% (n= 56,508), American Indian 48.75% (n= 919), White 43.85% (n= 25,931), Black or African American 48.66% (n= 22,205), More than one race code indicated 42.2% (n= 45), All others 46.0% (n= 7,408)



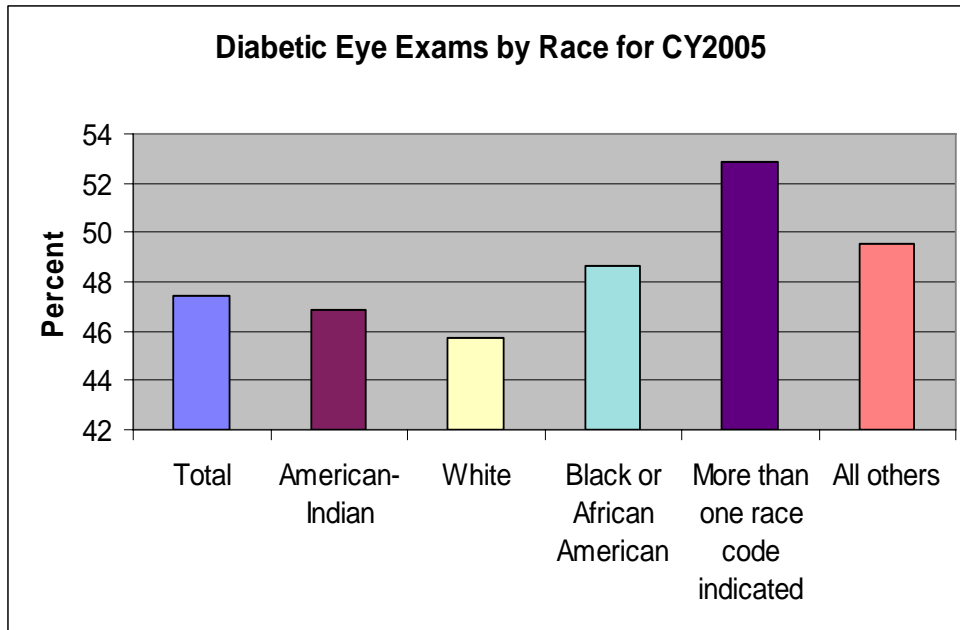
**Figure 2:** The percent of women 50-69 years of age who had a mammogram during CY2005 or the year prior to the measurement. The total is an average of the results for all ethnicities. Total 46.1% (n= 56,508), Hispanic 47.96% (n= 392), Not Hispanic 46.09% (n= 56,116)



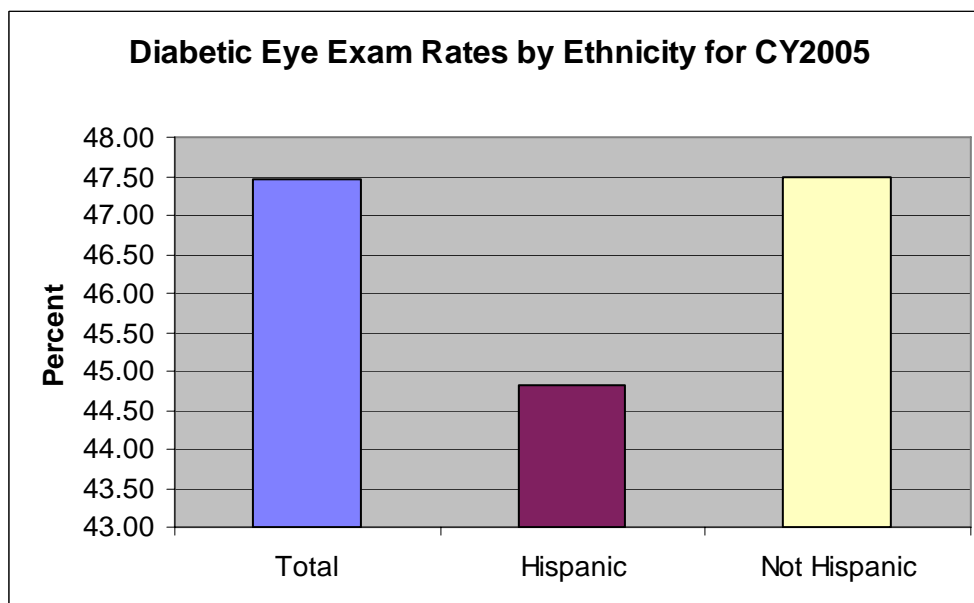
**Figure 3:** The percentage of women 18-64 years of age who received one or more Pap tests during CY2005 or the two years prior to the measurement year. The total is an average of the results for all races. Total 51.4% (n= 176,233), American Indian 56.7% (n= 3,307), White 47.98% (n= 79,429), Black or African American 56.11% (n= 81,570), More than one race code indicated 43.28% (n= 201), All others 41.8% (n= 11,726)



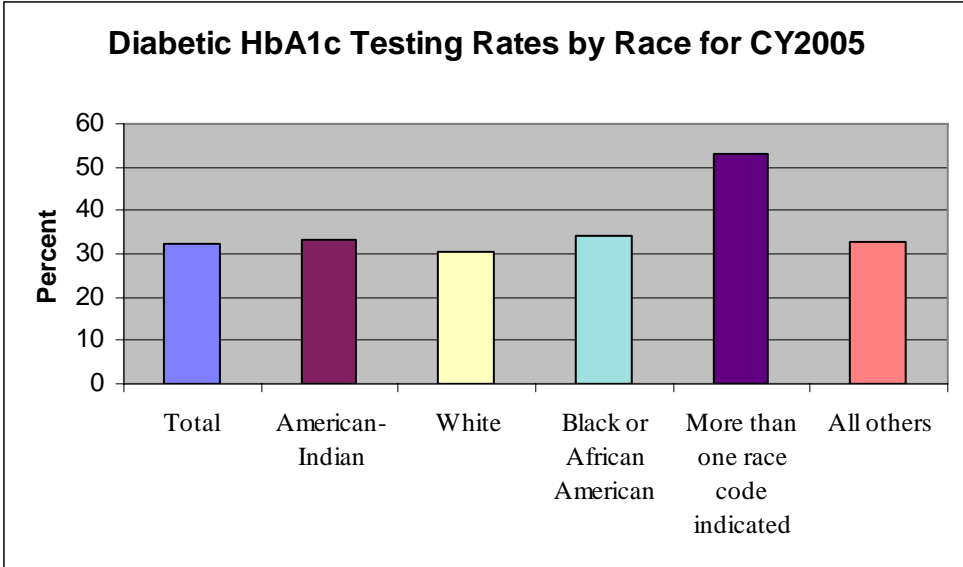
**Figure 4:** The percentage of women 18-64 years of age who received one or more Pap tests during CY2005 or the two years prior to the measurement year. The total is an average of the results for all ethnicities. Total 51.49% (n= 176,233), Hispanic 57.03 % (n= 1,813), Not Hispanic 51.44% (n= 174,420)



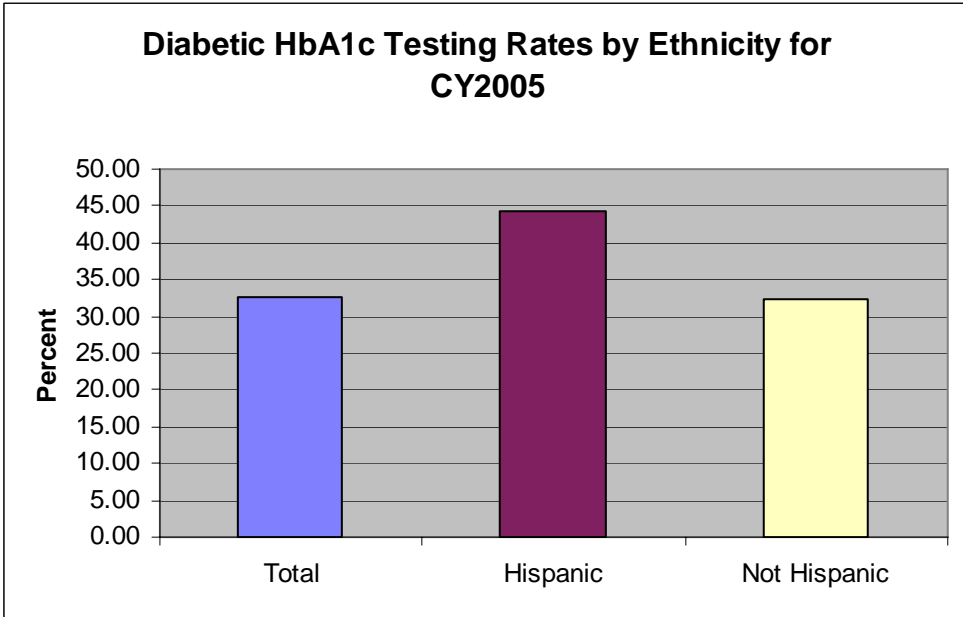
**Figure 5:** The percent of members 18-75 years of age with diabetes (type 1 and type 2) who had a retinal eye exam. The total is an average of the results for all races. Total 47.47% (n= 69,803), American Indian 46.8% (n= 1,092), White 45.75 % (n= 29,928), Black or African American 48.66% (n= 31,924), More than one race code indicated 52.8% (n= 87), All others 49.53% (n= 6,772)



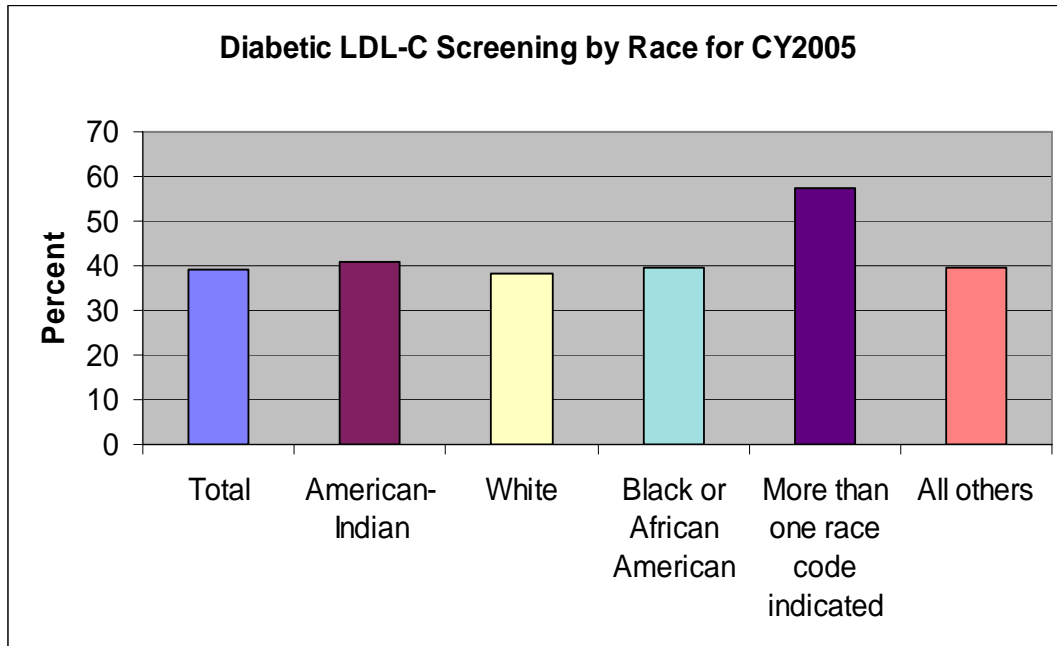
**Figure 6:** The percent of members 18-75 years of age with diabetes (type 1 and type 2) who had a retinal eye exam. The total is an average of the results for all ethnicities. Total 47.47% (n= 69,803), Hispanic 44.89% (n= 732), Not Hispanic 47.5% (n= 69,071)



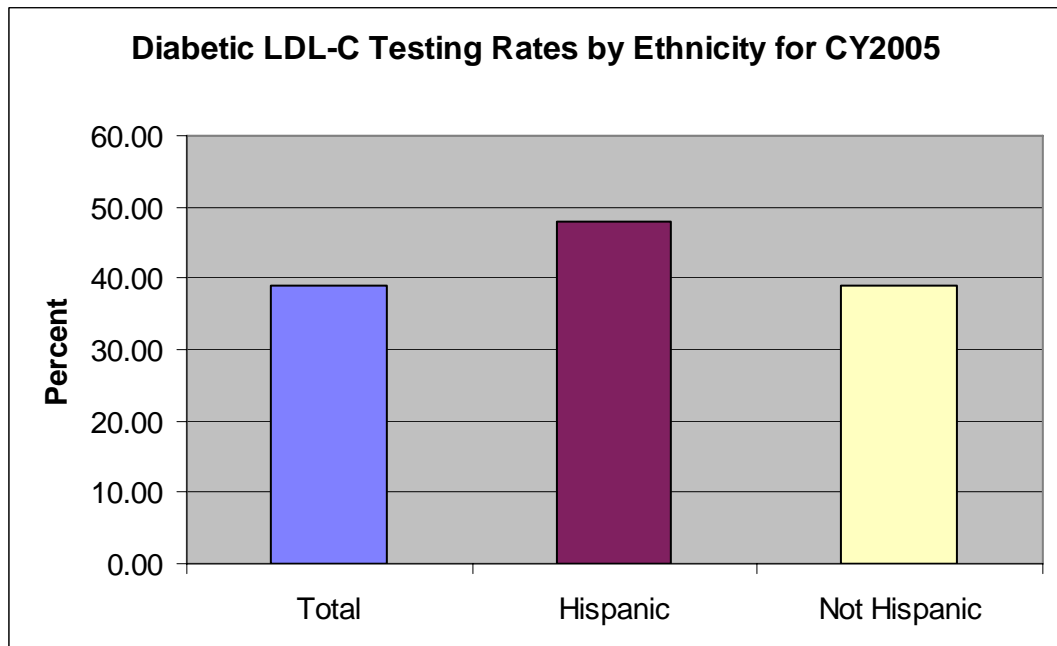
**Figure 7:** The percent of members 18-75 years of age with diabetes (type 1 and type 2) who had HbA1c poorly controlled (.9.0%). The total is an average of the results for all races. Total 32.5% (n= 69,803), American Indian 33.2% (n= 1,092), White 30.62% (n= 29,928), Black or African American 34.17% (n= 31,924), More than one race code indicated 52.87% (n= 87), All others 32.83% (n= 6,772)



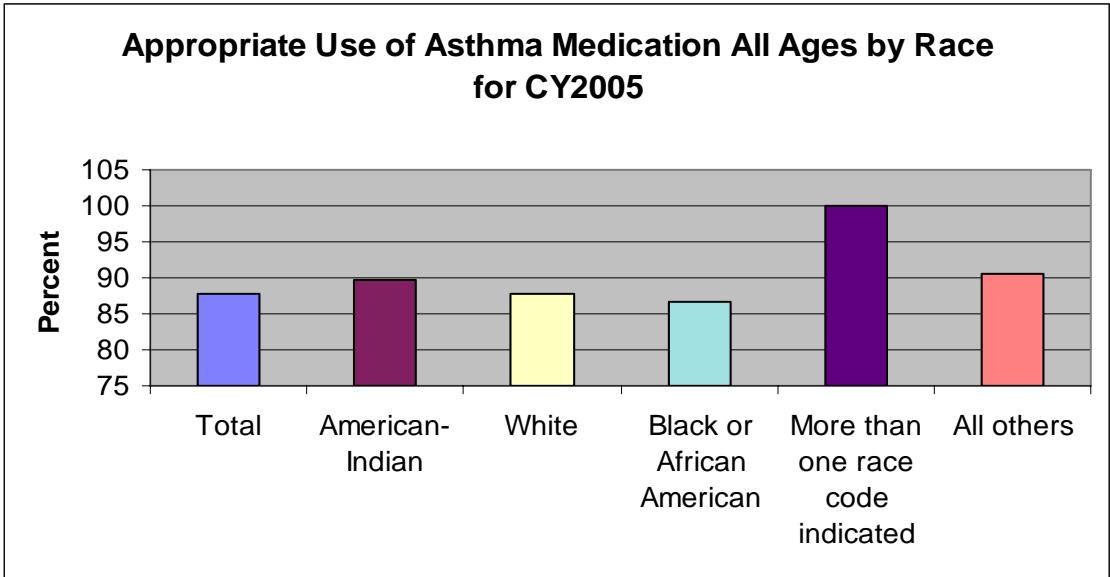
**Figure 8:** The percent of members 18-75 years of age with diabetes (type 1 and type 2) who had HbA1c poorly controlled (.9.0%). The total is an average of the results for all ethnicities. Total 32.5% (n= 69,803), Hispanic 44.2% (n= 732), Not Hispanic 32.4% (n= 69,071)



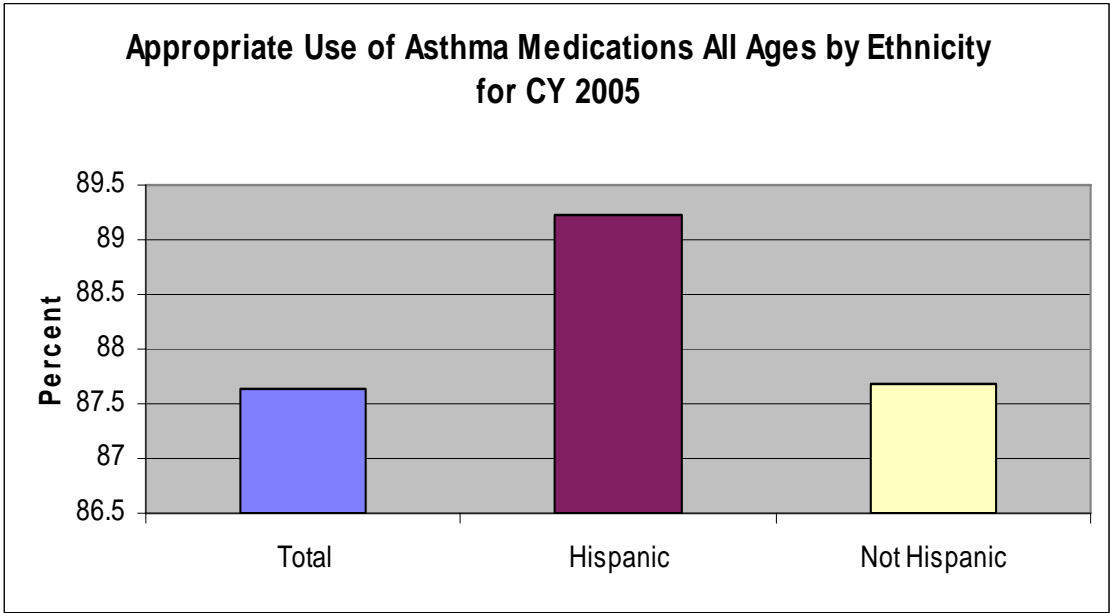
**Figure 9:** The percent of members 18-75 years of age with diabetes (type 1 and type 2) who had LDL-C screening performed. The total is an average of the results for all races. Total 38.9% (n= 69,803), American Indian 40.6% (n= 1,092), White 38.2% (n= 29,928), Black or African American 39.3% (n= 31,924), More than one race code indicated 57.4% (n= 87), All others 39.7% (n= 6,772)



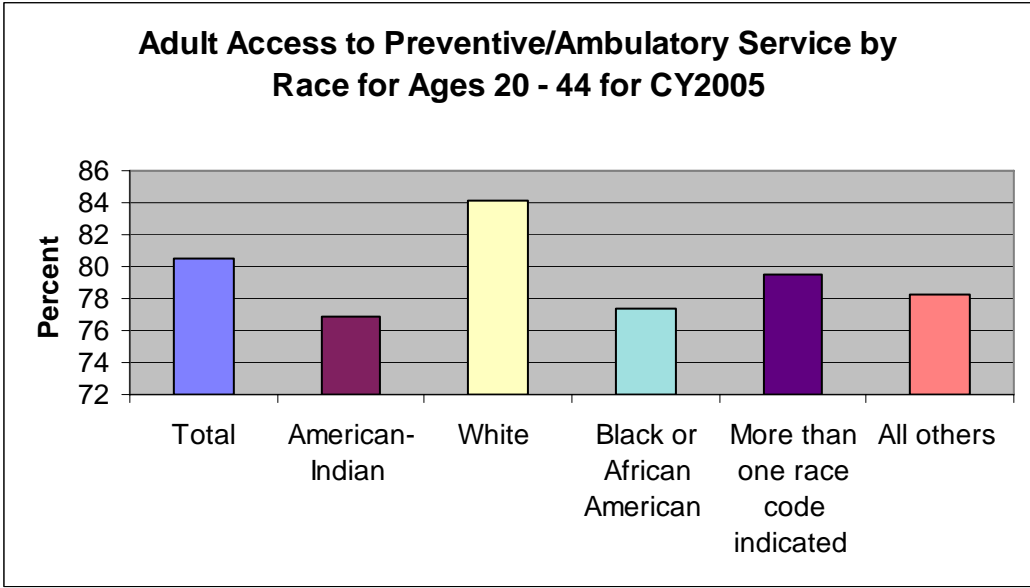
**Figure 10:** The percent of members 18-75 years of age with diabetes (type 1 and type 2) who had LDL-C screening performed. The total is an average of the results for all ethnicities. Total 38.9% (n= 69,803), Hispanic 47.9% (n= 732), Not Hispanic 38.8% (n= 69,071)



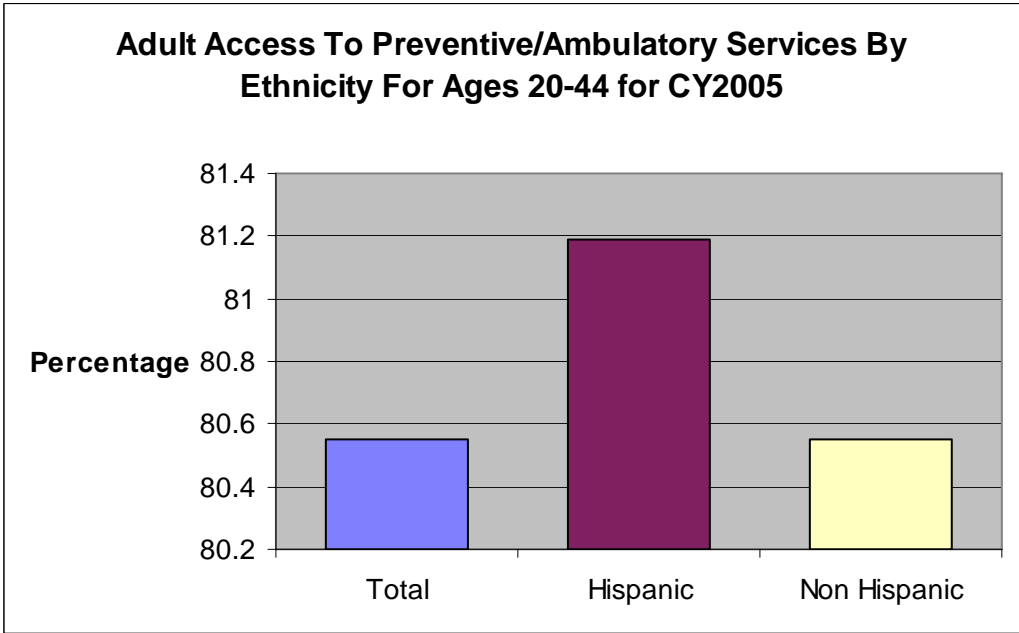
**Figure 11:** The percentage of enrolled recipients 5-56 years of age during CY2005 who were identified as having persistent asthma and who were appropriately prescribed medication during the measurement year. See main report for specifics regarding appropriate medications. The total is an average of the results for all races. Total 87.6% (n=15,714), American Indian 89.8% (n= 392), White 87.6% (n= 6,289), Black or African American 86.64 % (n= 7,076), More than one race code indicated 100% (n= 7), All others 90.5% (n= 1,950)



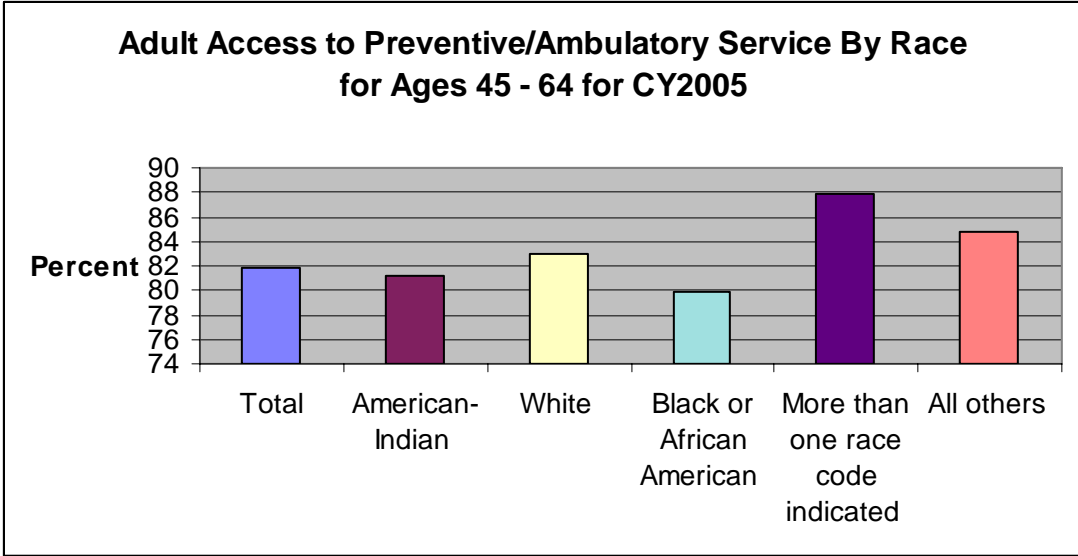
**Figure 12:** The percentage of enrolled recipients 5-56 years of age during CY2005 who were identified as having persistent asthma and who were appropriately prescribed medication during the measurement year. See main report for specifics regarding appropriate medications. The total is an average of the results for all ethnicities. Total 87.6% (n= 15,714), Hispanic 89.2% (n= 334), Not Hispanic 87.6% (n= 15,380)



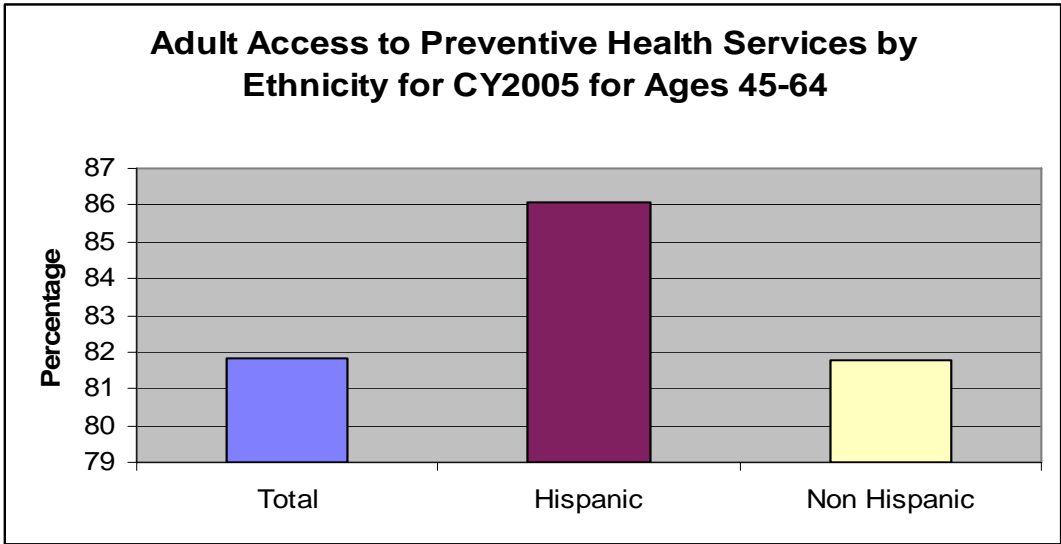
**Figure 13:** The total is an average of the results for all races. Total 80.55% (n= 158,894), American Indian 76.9% (n= 3,104), White 84.1% (n= 74,219), Black or African American 77.3% (n= 74,591), More than one race code indicated 79.4% (n= 185), All others 78.2 % (n= 6,795)



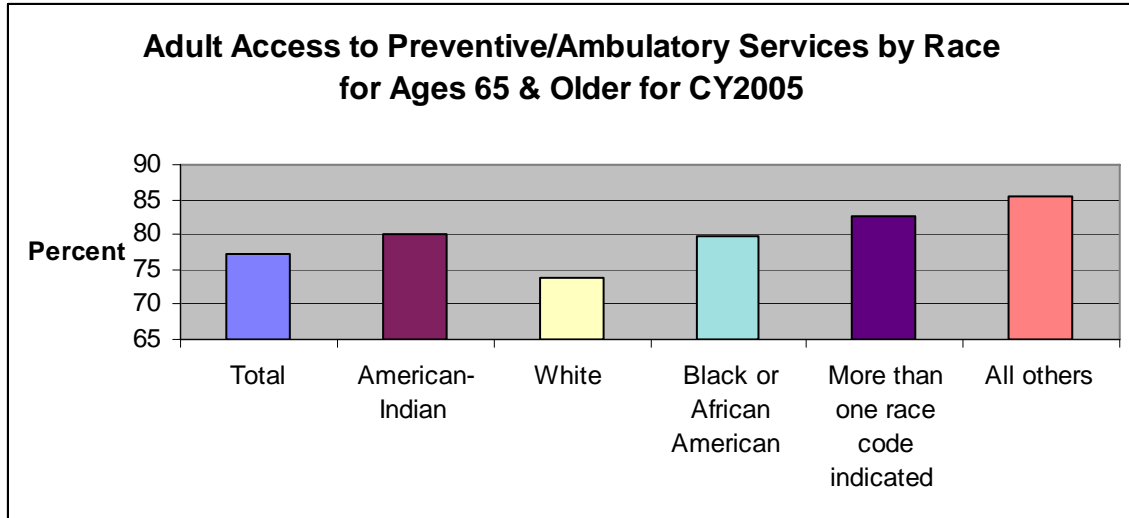
**Figure 14:** The total is an average of the results for all ethnicities. Total 80.5% (n= 158,894), Hispanic 81.1% (n= 1,781), Not Hispanic 80.5% (n= 157,113)



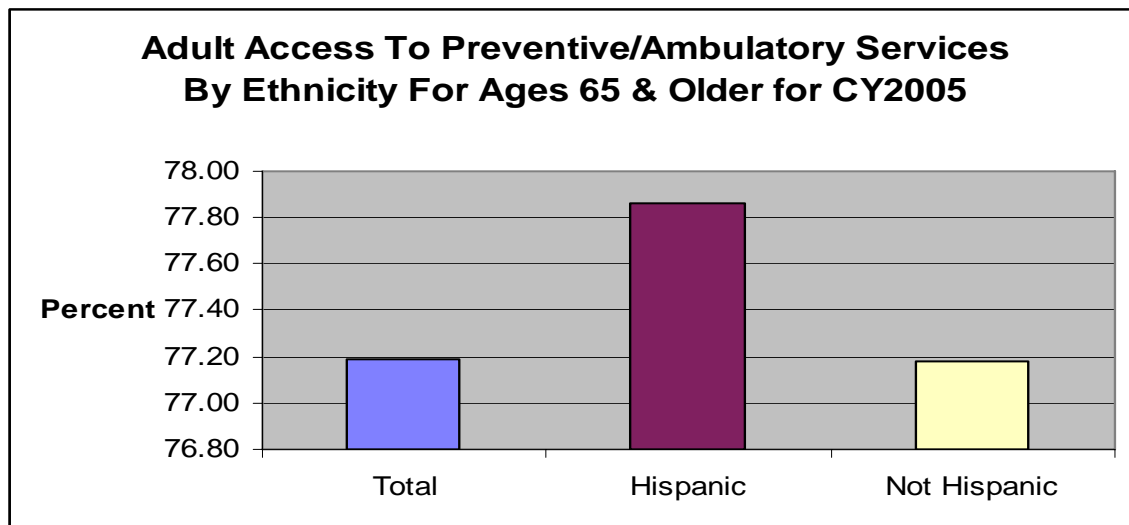
**Figure 15:** The total is an average of the results for all races. Total 81.82% (n= 119,981), American Indian 81.1% (n= 2,056), White 82.9% (n= 57,781), Black or African American 79.8% (n= 49,128), More than one race code indicated 87.8% (n= 173), All others 84.8% (n= 10,843)



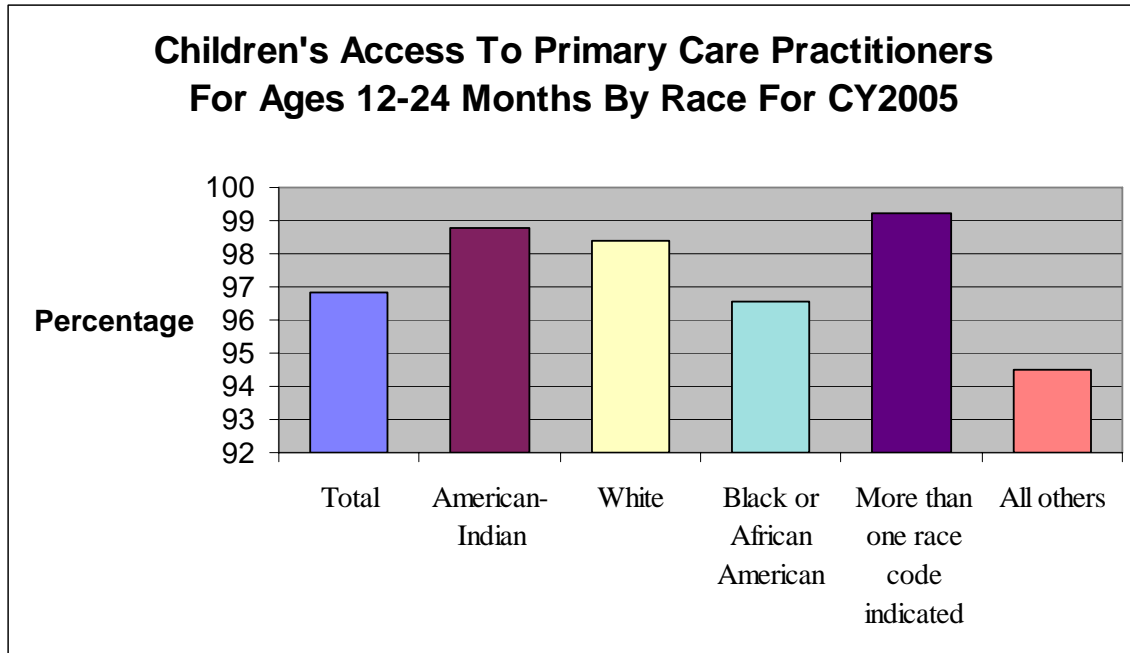
**Figure 16:** The total is an average of the results for all ethnicities. Total 81.8% (n= 119,981), Hispanic 86.0% (n= 991), Not Hispanic 81.7% (n= 118,990)



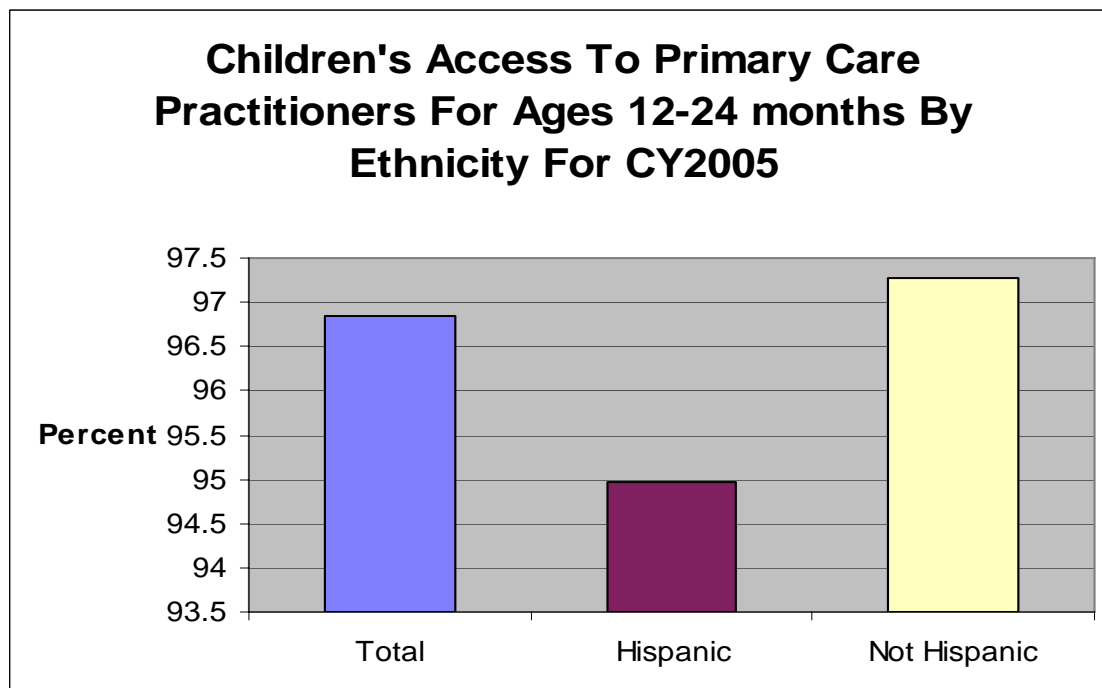
**Figure 17:** The total is an average of the results for all races. Total 77.19% (n= 142,300), American Indian 80.04% (n= 1,438), White 73.9 % (n= 76,677), Black or African American 79.7% (n= 50,006), More than one race code indicated 82.5% (n= 63), All others 85.4% (n= 14,116)



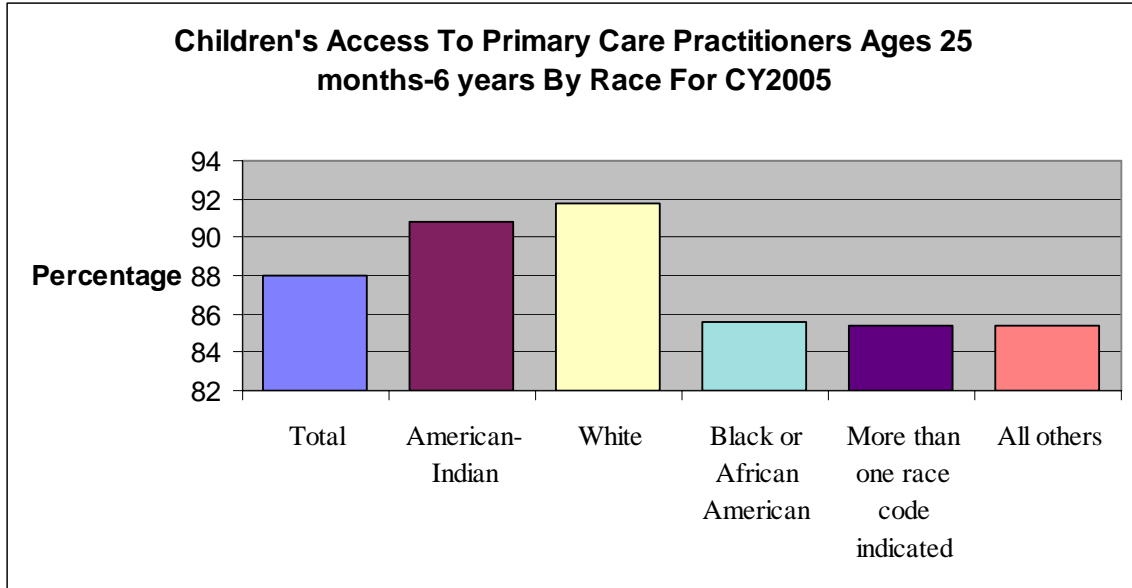
**Figure 18:** The total is an average of the results for all ethnicities. Total 77.19% (n= 142,300), Hispanic 77.86% (n= 1,161), Not Hispanic 77.18% (n= 141,139)



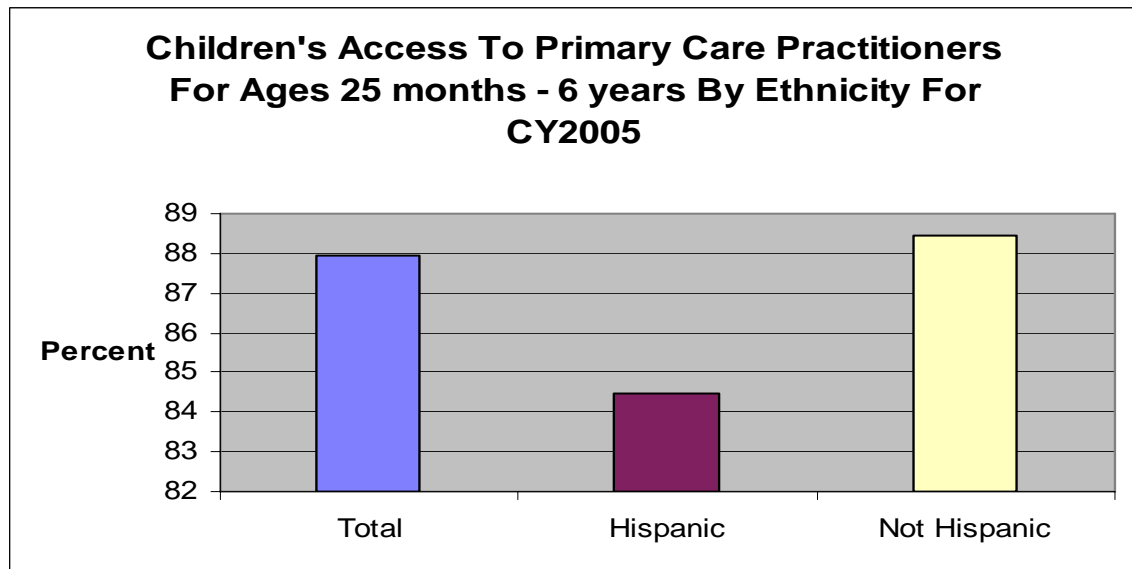
**Figure 19:** The total is an average of the results for all races. Total 96.85% (n= 48,408), American Indian 98.77% (n= 814), White 98.40% (n= 18,602), Black or African American 96.57% (n= 17,922), More than one race code indicated 99.25% (n= 134), All others 94.50% (n= 10,936)



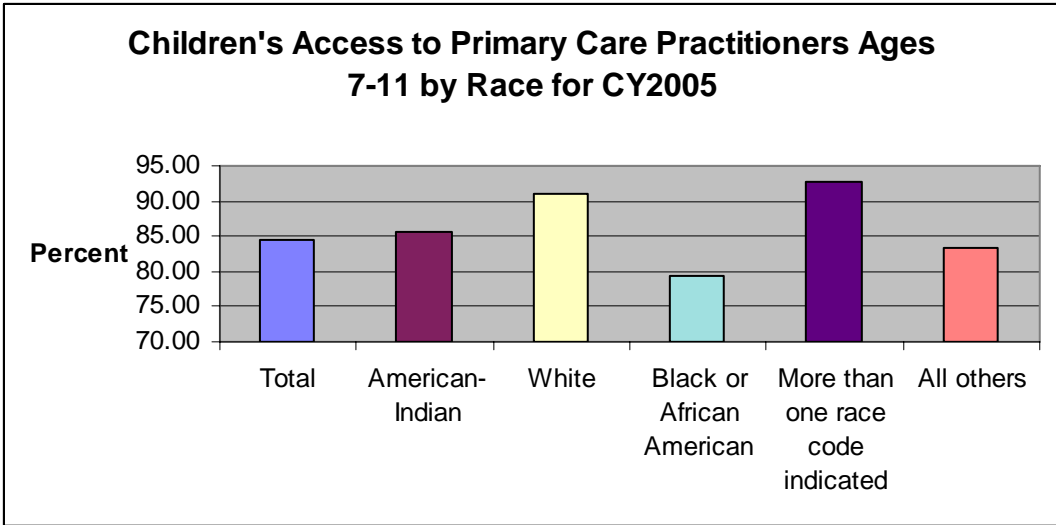
**Figure 20:** The total is an average of the results for all ethnicities. Total 96.85% (n= 48,408), Hispanic 94.96% (n= 8,690), Not Hispanic 97.27% (n= 39,718)



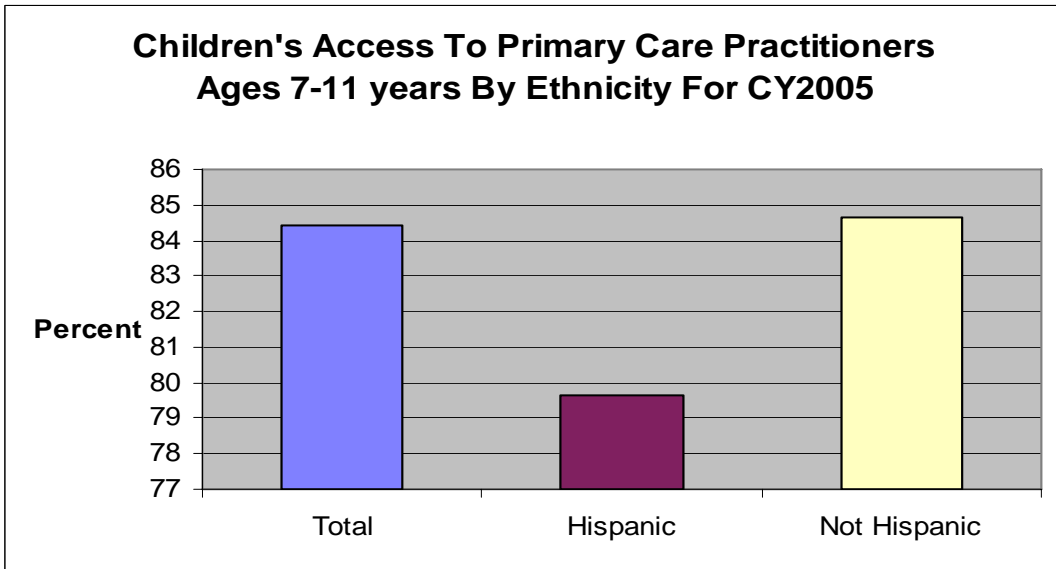
**Figure 21:** The total is an average of the results for all races. Total 87.96% (n= 171,170), American Indian 90.84% (n= 3,233), White 91.76% (n= 64,158), Black or African American 85.57% (n= 69,508), More than one race code indicated 85.35% (n= 157), All others 85.42% (n= 34,114)



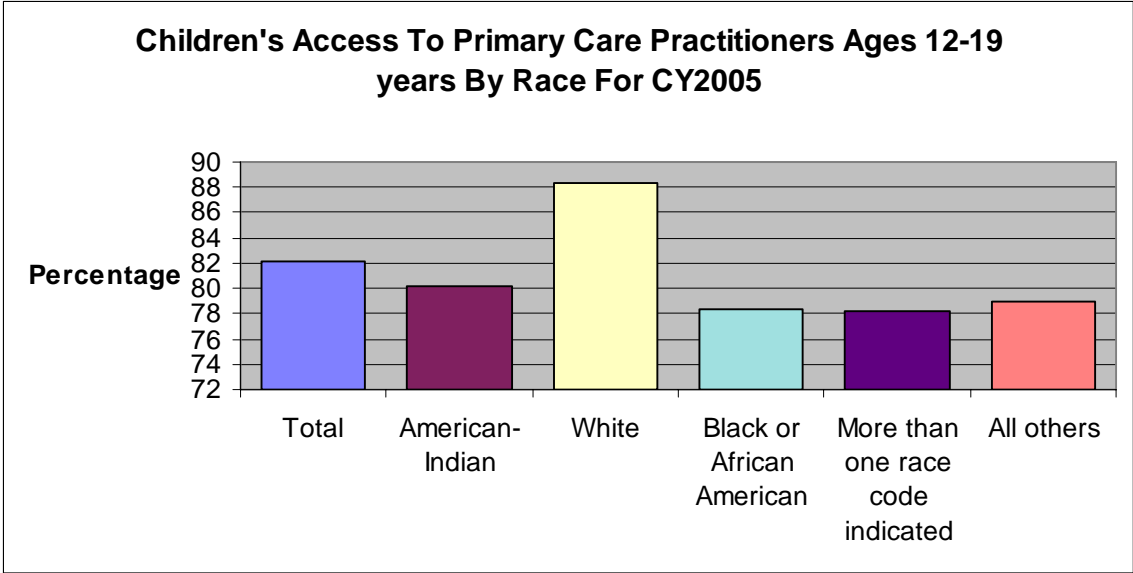
**Figure 22:** The total is an average of the results for all ethnicities. Total 87.96% (n= 171,170), Hispanic 84.46% (n= 20,899), Not Hispanic 88.45% (n= 150,271)



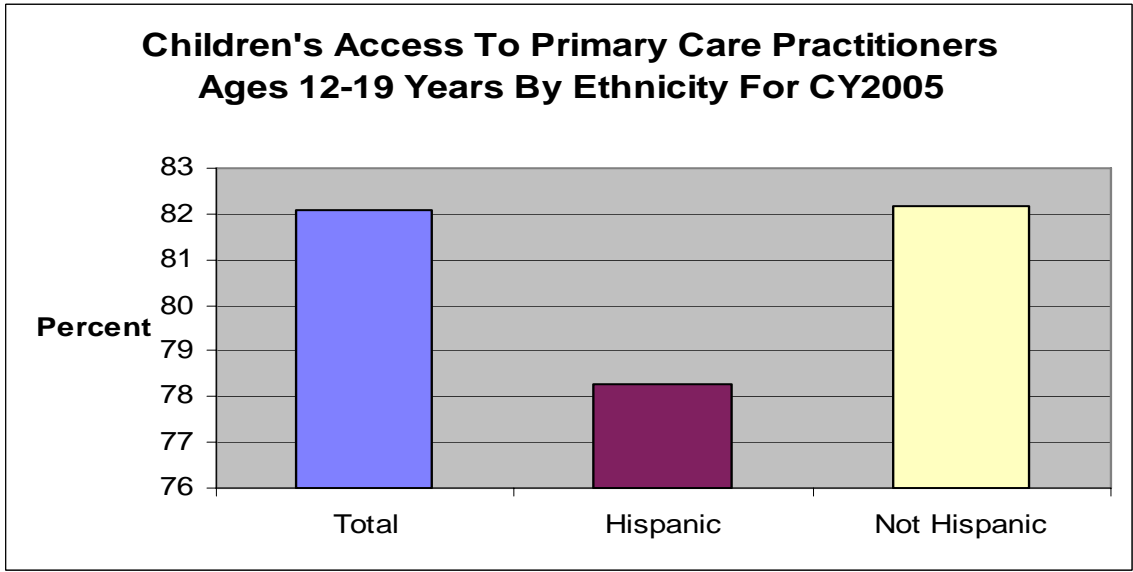
**Figure 23:** The total is an average of the results for all races. Total 84.40% (n= 97,355), American Indian 85.69% (n= 2,026), White 91.05% (n= 35,311), Black or African American 79.50% (n= 45,640), More than one race code indicated 92.59% (n= 54), All others 83.44% (n= 14,324)



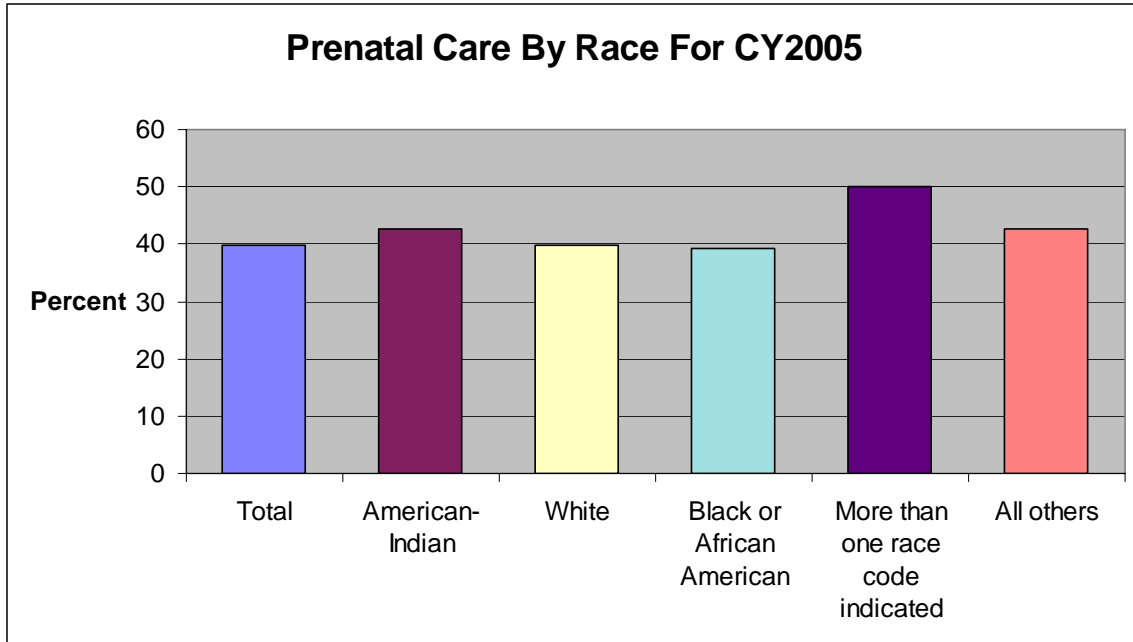
**Figure 24:** The total is an average of the results for all ethnicities. Total 84.40% (n= 97,355), Hispanic 79.64% (n= 4,867), Not Hispanic 84.65% (n= 92,488)



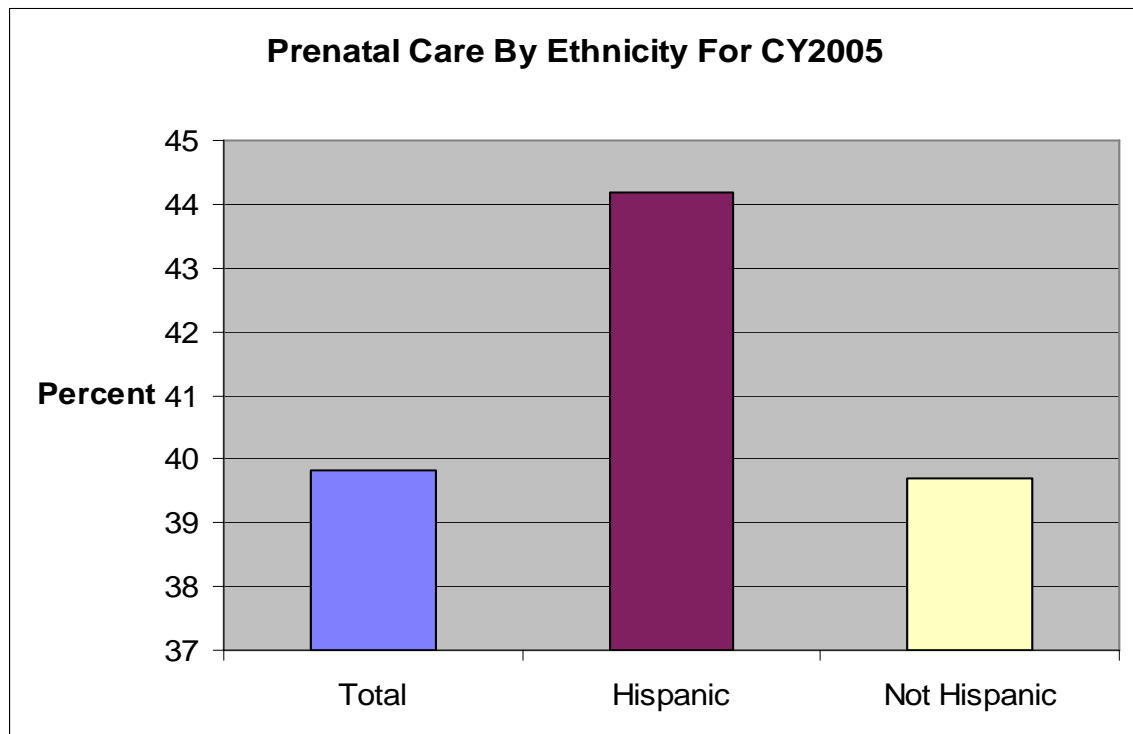
**Figure 25:** The total is an average of the results for all races. Total 82.09% (n= 129,148), American Indian 80.22% (n= 2,644), White 88.32% (n= 47,203), Black or African American 78.36% (n= 67,970), More than one race code indicated 78.13% (n= 64), All others 78.94% (n= 11,267)



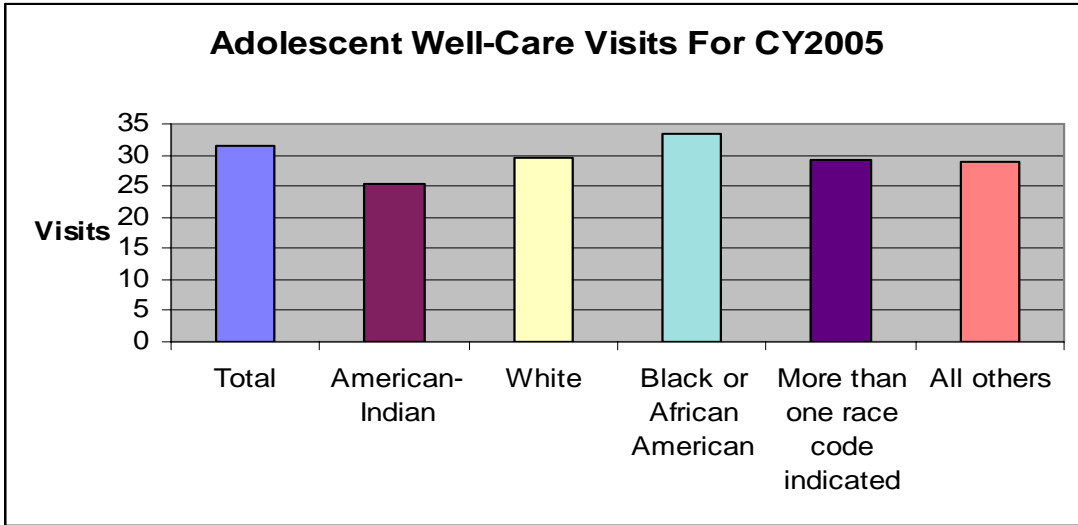
**Figure 26:** The total is an average of the results for all ethnicities. Total 82.09% (n= 129,148), Hispanic 78.28% (n= 2,744), Not Hispanic 82.17% (n= 126,404)



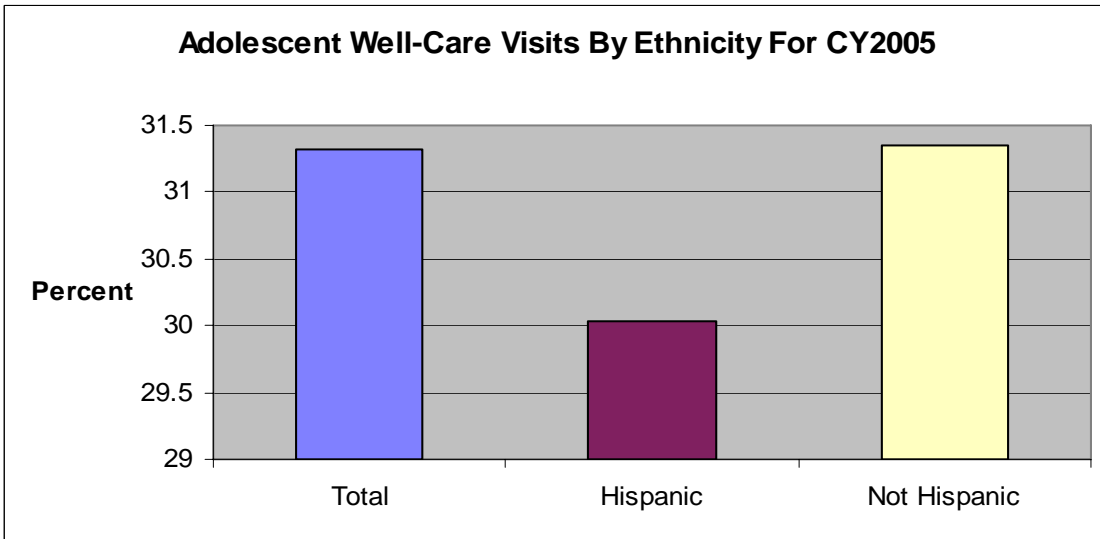
**Figure 27:** The total is an average of the results for all races. Total 39.83% (n= 38,023), American Indian 42.69% (n= 787), White 39.87% (n= 19,793), Black or African American 39.20% (n= 15,100), More than one race code indicated 50.00% (n= 20), All others 42.57% (n= 2,323)



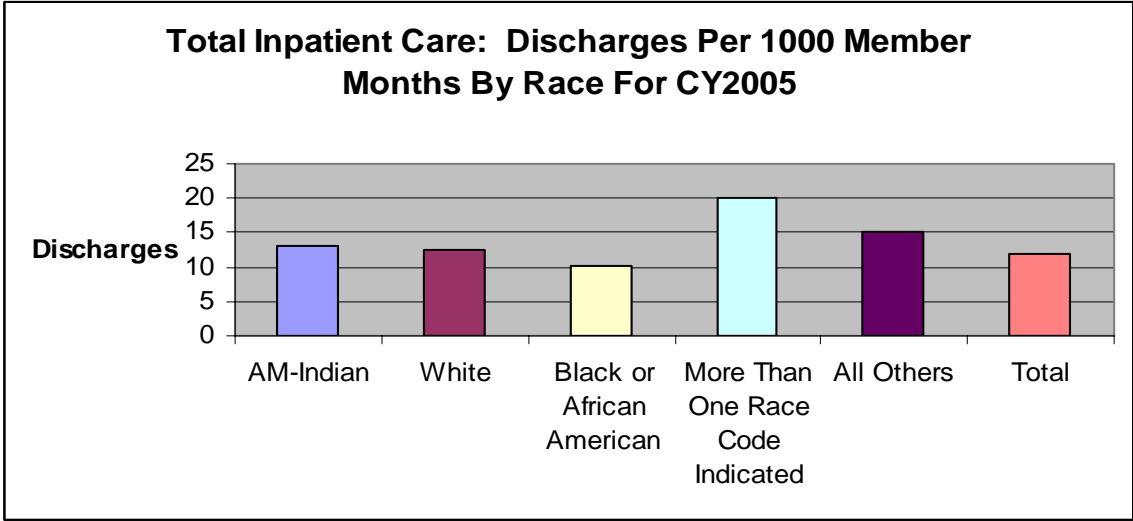
**Figure 28:** The total is an average of the results for all ethnicities. Total 39.83% (n= 38,023), Hispanic 44.17% (n= 1,107), Not Hispanic 39.70% (n= 36,916)



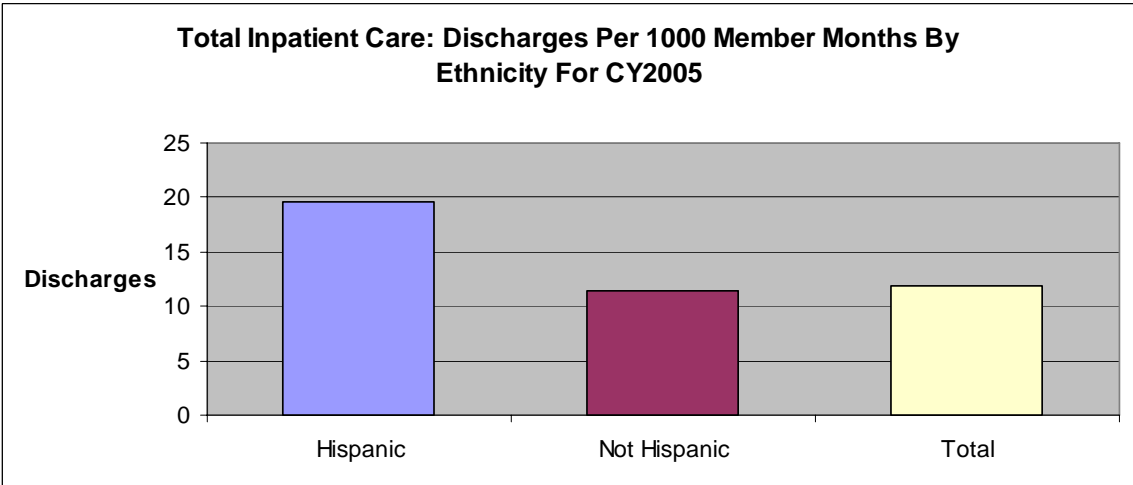
**Figure 29:** The total is an average of the results for all races. Total 31.32% (n= 175,536), American Indian 25.31% (n= 3,504), White 29.48% (n= 67,989), Black or African American 33.33% (n= 89,346), More than one race code indicated 29.17% (n= 120), All others 29.03% (n= 14,577)



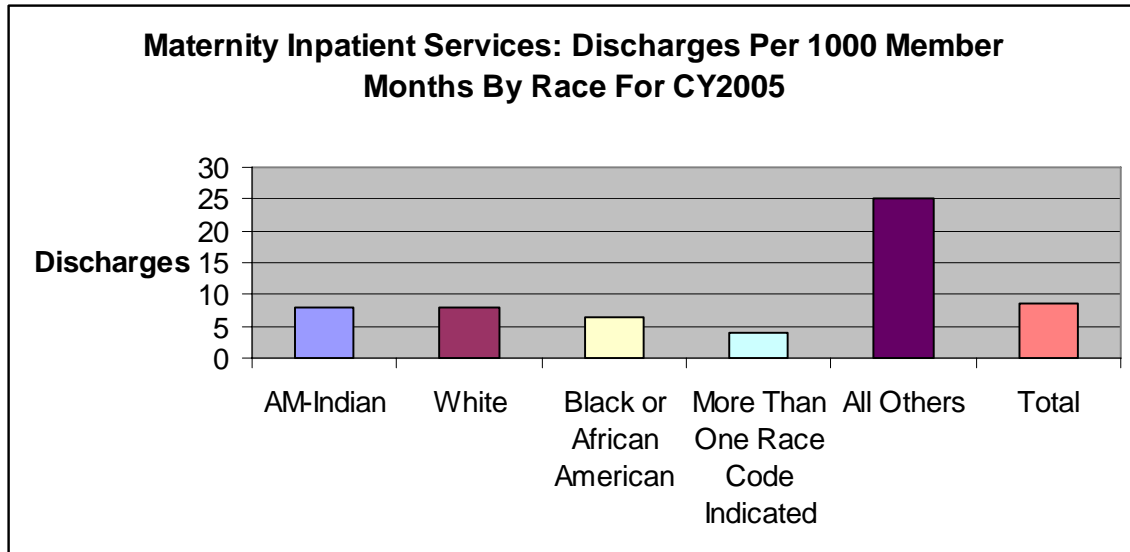
**Figure 30:** The total is an average of the results for all ethnicities. Total 31.32% (n=175,536), Hispanic 30.03% (n= 4,239), Not Hispanic 31.35% (n= 171,297)



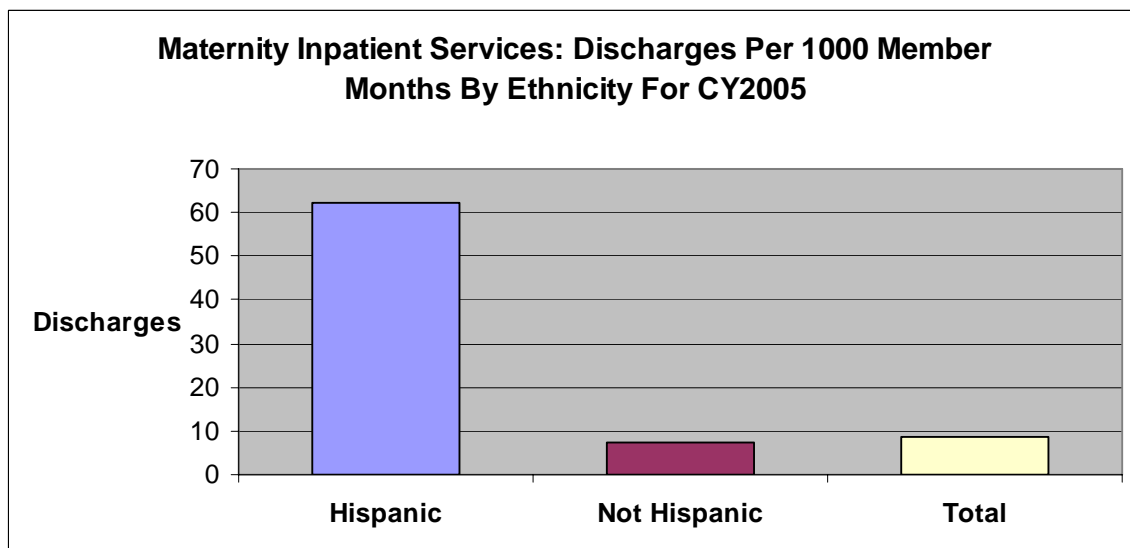
**Figure 31:** The total is an average of the results for all races. The n is equal to member months. Total 11.9% (n= 14,924,662), American Indian 13.0% (n= 257,283), White 12.4% (n= 6,608,400), Black or African American 10.3% (n= 6,201,211), More than one race code indicated 20.00% (n= 15,619), All others 15.1% (n= 1,842,149)



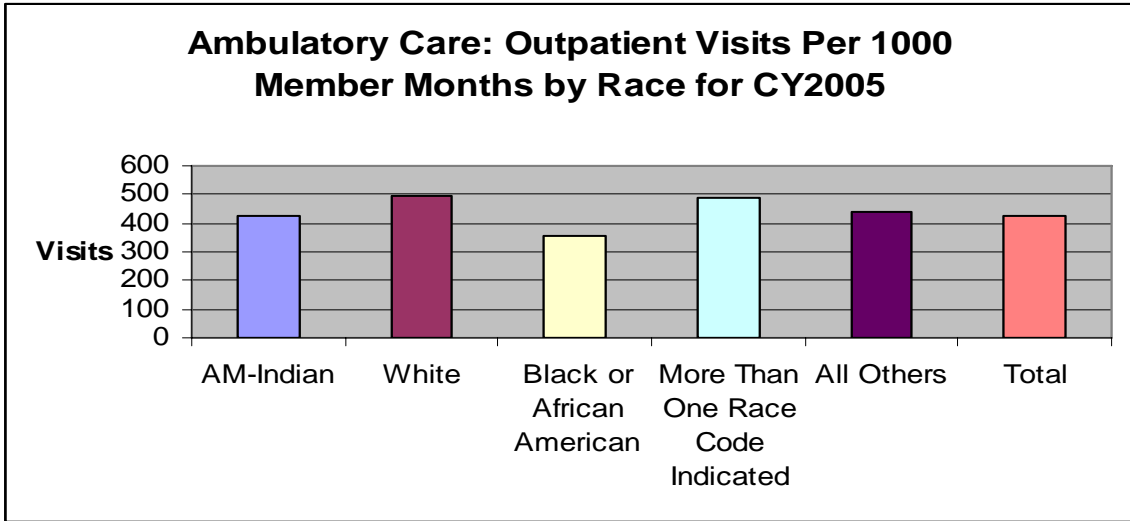
**Figure 32:** The total is an average of the results for all ethnicities. The n is equal to member months. Hispanic 19.6% (n= 888,352), Not Hispanic 11.4% (n= 14,036,310), Total 11.9% (n= 14,924,662)



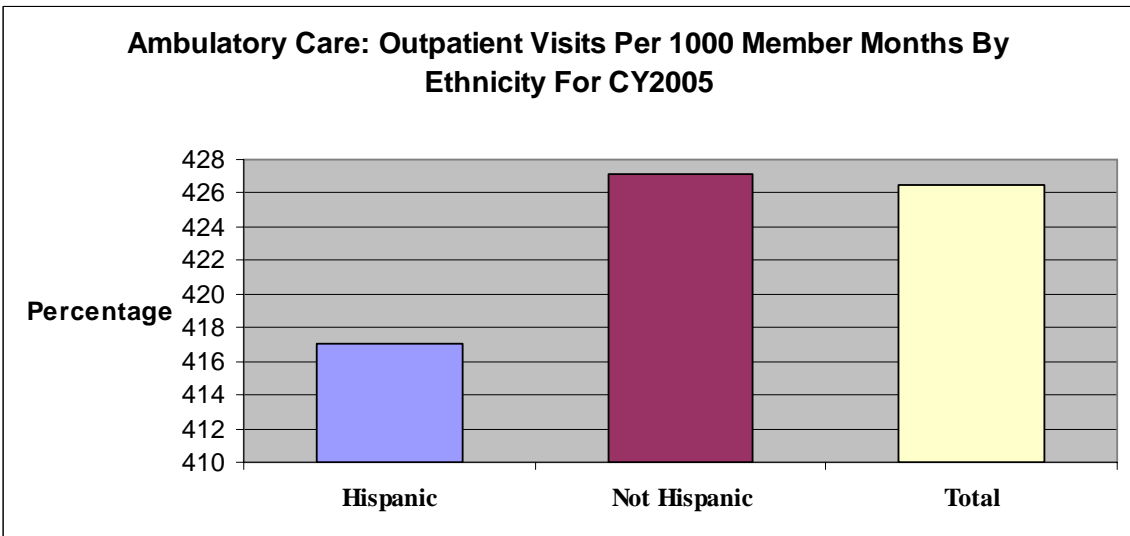
**Figure 33:** The total is an average of the results for all races. The n is equal to member months. Total 8.6% (n= 7,812,220), American Indian 8.1% (n= 145,171), White 8.1% (n= 3,510,762), Black or African American 6.3% (n= 3,535,293), More than one race code indicated 4.0% (n= 8,065), All others 25.0% (n= 612,929)



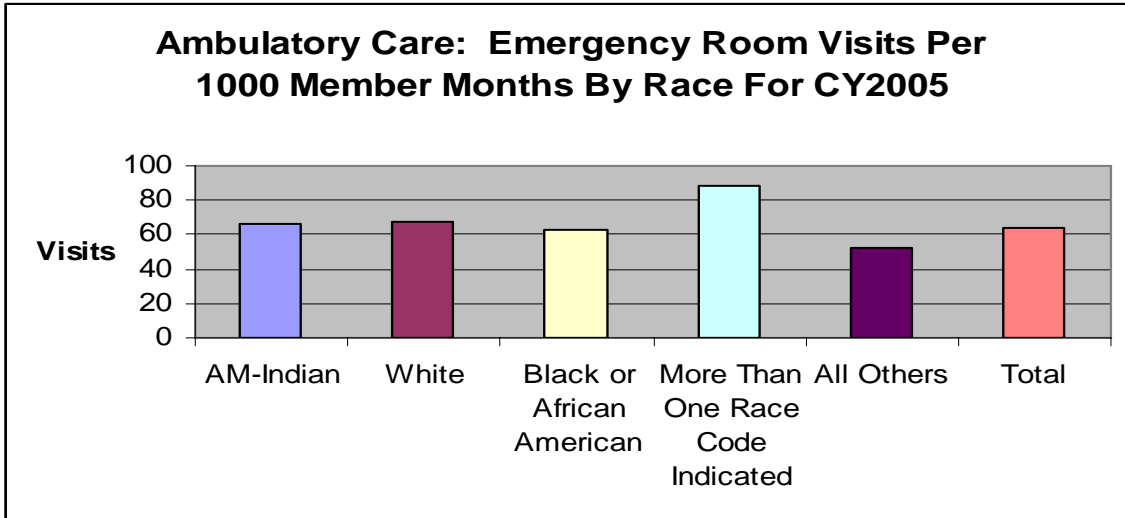
**Figure 34:** The total is an average of the results for all ethnicities. The n is equal to member months. Hispanic 62.2% (n= 199,056), Not Hispanic 7.2% (n= 7,613,164), Total 8.6% (n= 7,812,220)



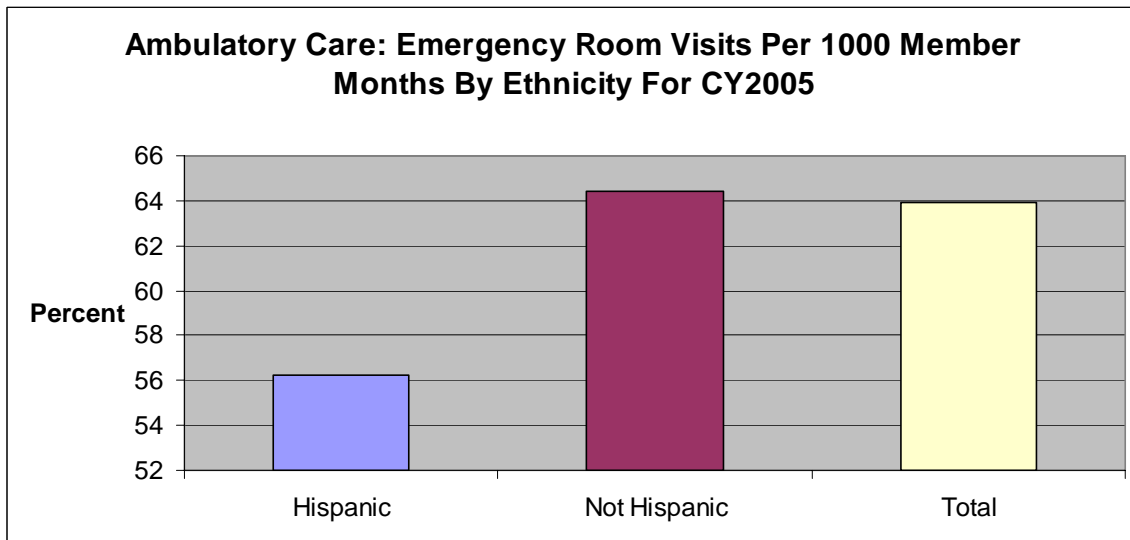
**Figure 35:** This graph reflects outpatient ambulatory care visits per 1000 member months by race. The total is an average of the results for all races. The n is equal to member months. Total 426.5% (n= 14,924,662), American Indian 425.9% (n= 257,283), White 492.3% (n= 6,608,400), Black or African American 353.1% (n= 6,201,211), More than one race code indicated 491.8% (n= 15,619), All others 437.2% (n= 1,842,149)



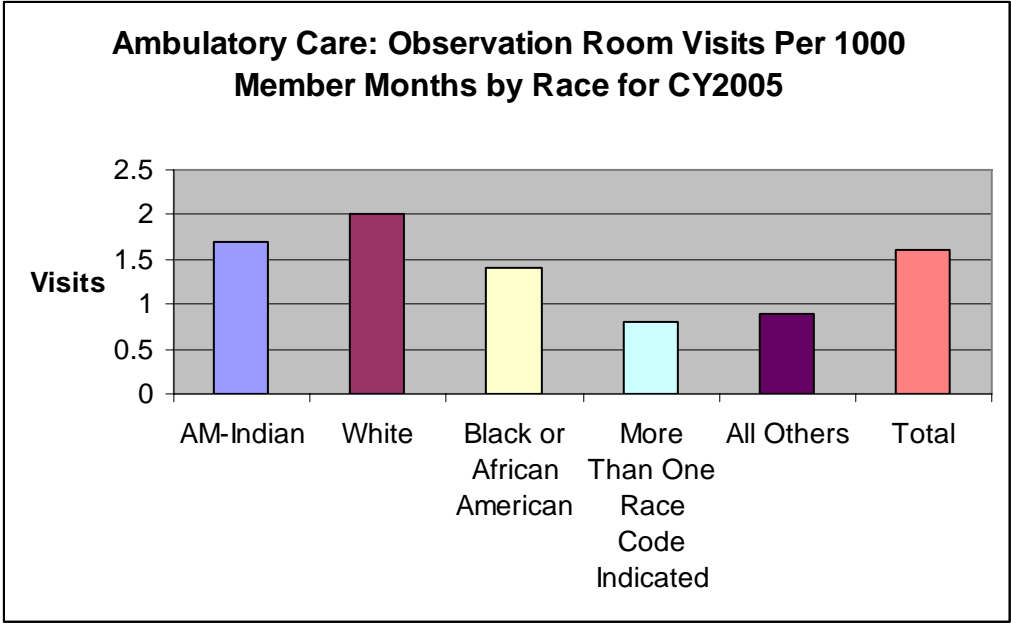
**Figure 36:** The total is an average of the results for all ethnicities. The n is equal to member months. Hispanic 417.0% (n= 888,352), Not Hispanic 427.1% (n= 14,036,310), Total 426.5% (n= 14,924,662)



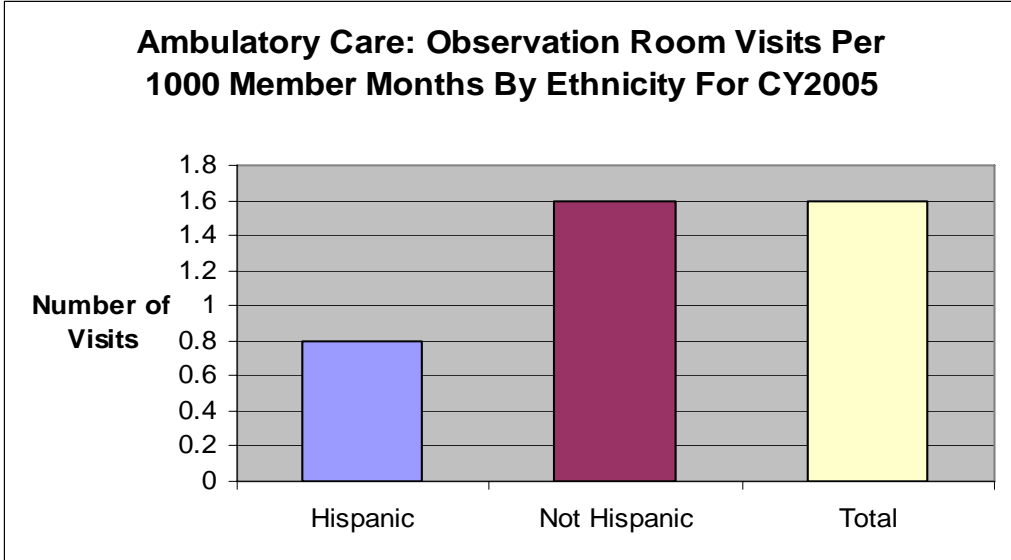
**Figure 37:** This graph reflects emergency room visits per 1000 member months by race. The total is an average of the results for all races. The n is equal to member months. Total 63.9% (n= 14,924,662), American Indian 65.9% (n= 257,283), White 67.7% (n= 6,608,400), Black or African American 63.2% (n= 6,201,211), More than one race code indicated 87.8% (n= 15,619), All others 52.5% (n= 1,842,149)



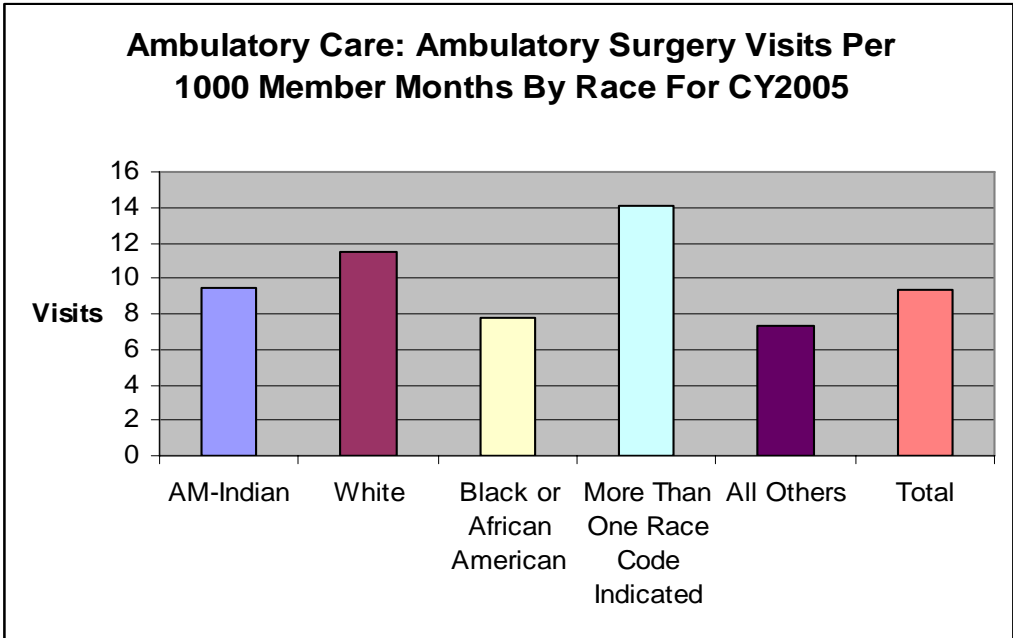
**Figure 38:** The total is an average of the results for all ethnicities. The n is equal to member months. Hispanic 56.2% (n= 888,352), Not Hispanic 64.4% (n= 14,036,310), Total 63.9% (n= 14,924,662)



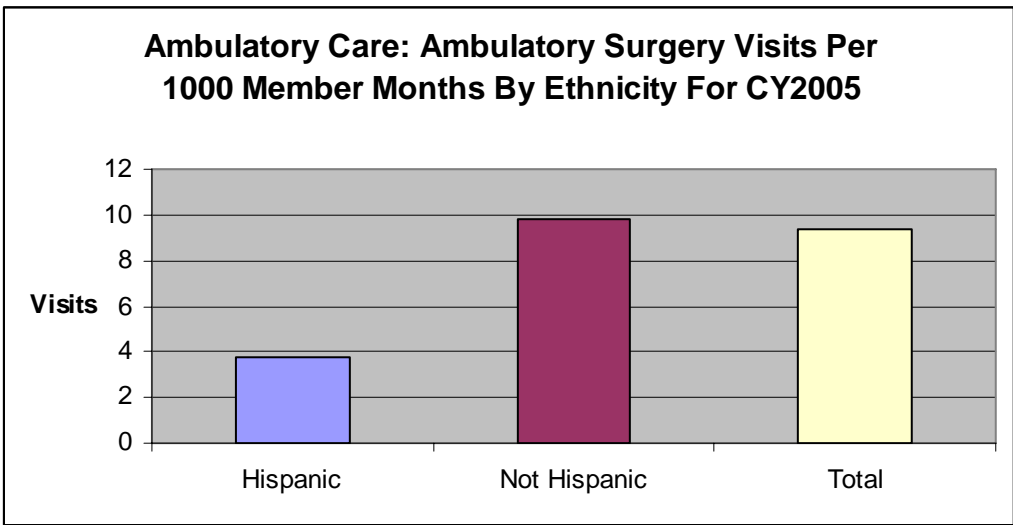
**Figure 39:** This graph reflects observation room visits per 1000 member months by race. The total is an average of the results for all races. The n is equal to member months. Total 1.6% (n= 14,924,662), American Indian 1.7% (n= 257,283), White 2.0% (n= 6,608,400), Black or African American 1.4% (n= 6,201,211), More than one race code indicated 0.8% (n= 15,619), All others 0.9% (n= 1,842,149)



**Figure 40:** The total is an average of the results for all ethnicities. The n is equal to member months. Hispanic 0.8% (n= 888,352), Not Hispanic 1.6% (n= 14,036,310), Total 1.6% (n= 14,924,662).



**Figure 41:** The total is an average of the results for all races. The n is equal to member months. Total 9.4% (n= 14,924,662), American Indian 9.5% (n= 257,283), White 11.5% (n= 6,608,400), Black or African American 7.8% (n= 6,201,211), More than one race code indicated 14.1% (n= 15,619), All others 7.3% (n= 1,842,149)



**Figure 42:** The total is an average of the results for all ethnicities. The n is equal to member months. Hispanic 3.8% (n= 888,352), Not Hispanic 9.8% (n= 14,036,310), Total 9.4% (n= 14,924,662)