

## THE CHIS 2001 REVISED SAMPLE WEIGHTS

A new set of weights has been created for the CHIS 2001 data. These new weights were constructed using the same method as the weights for the CHIS 2003 data and allow reliable and valid comparisons to be made between CHIS 2001 and CHIS 2003 data. There are three key differences in the new weighting process that may affect population estimates derived from the CHIS 2001 data.

### 1. Use of more accurate population totals:

The new CHIS 2001 weights are based on 2001 population projections for the state and counties from the California Department of Finance (DOF) whereas the original weights were based on Census 2000 data. Using the DOF population projections enables CHIS to provide the most up-to-date population estimates.

### 2. Use of additional socio-economic factors in the raking process:

When the CHIS 2001 new weights were constructed, additional socio-economic factors were added to the raking dimensions. These adjustments make the population estimates derived from CHIS 2001 more accurately represent the California population. For additional details on the raking dimensions and process, please see the *CHIS 2003 Methods Report 5, Weighting Variance and Estimation*, available on the CHIS Web site at <http://www.chis.ucla.edu/methods.html>.

### 3. Creation of a single data file for CHIS 2001 oversampled Asian ethnic subgroups

Instead of having a separate data file and set of weights for oversampled Asian ethnic subgroups, as in the original CHIS 2001 data release, the CHIS 2001 reweighting procedure generated a single set of weights for all records. In addition, the Korean and Vietnamese oversample cases have been integrated into the reweighted data. The Japanese and South Asian oversample cases were not integrated into the files because these two groups were not

oversampled in CHIS 2003. The new weights and files allow researchers to compare 2001 and 2003 estimates at the county, region and state levels for Chinese, Filipinos, Koreans and Vietnamese. And because a single set of weights is used, the estimates for these Asian ethnic subgroups can now be compared with estimates for other race/ethnic groups, such as African-Americans or Whites.

In a few instances, the results of analyses produced with the re-weighted files will differ from those obtained using the original CHIS 2001 weights:

1. Estimates for the total population of the state and counties, and for certain race/ethnic groups, may be different for two reasons. First, as noted above, the re-weighted files are based on 2001 population projections from the California DOF while the original weights were based on Census 2000. Second, the DOF and Census Bureau use different racial and ethnic classification systems. The impact of these changes is minor for most racial and ethnic groups. For some smaller population groups, however, the impact may be large. The weighted population estimate for American Indian/Alaska Natives, for example, increases substantially. For additional information on the re-weighting methods, different racial and ethnic classification systems, and the impact on certain population groups, please see the *CHIS 2001 Methods Report, Revised CHIS 2001 Weights*, available on the CHIS Web site at <http://www.chis.ucla.edu/methods.html>.

2. Estimates for Koreans and Vietnamese will have a lower variance than the estimates generated from the original CHIS 2001 weights because the new raking procedure controlled for Korean and Vietnamese race/ethnicity in the re-weighting process.

For more information, please see the *CHIS 2001 Methods Report, The Revised CHIS 2001 Weights*, available on the CHIS Web site at <http://www.chis.ucla.edu/methods.html>.