

credible, from the MDR database. For any remaining CPT/HCPCS codes, the nationwide 80th percentile billed charges are obtained, where statistically credible, from the Part B component of the Medicare Standard Analytical File 5% Sample. For any remaining CPT/HCPCS codes, the nationwide 80th percentile billed charges are obtained, where statistically credible, from the Prevailing Healthcare Charges System nationwide commercial insurance database. For each of these CPT/HCPCS codes, nationwide total RVUs are obtained by taking the nationwide 80th percentile billed charges obtained using the preceding three databases and dividing by the untrended nationwide conversion factor for the corresponding CPT/HCPCS code group determined pursuant to paragraphs (f)(3) and (f)(3)(i) of this section. For any remaining CPT/HCPCS codes that have not been assigned RVUs using the preceding data sources, the nationwide total RVUs are calculated by summing the work expense and non-facility practice expense RVUs found in Ingenix/St. Anthony's RBRVS. The resulting nationwide total RVUs obtained using these four data sources are multiplied by the geographic area adjustment factors determined pursuant to paragraph (f)(2)(iv) of this section to obtain the area-specific total RVUs.

(iii) *RVUs for CPT/HCPCS codes designated as unlisted procedures.* For CPT/HCPCS codes designated as unlisted procedures, total RVUs are developed based on the weighted median of the total RVUs of CPT/HCPCS codes within the series in which the unlisted procedure code occurs. A nationwide VA distribution of procedures and services is used for the purpose of computing the weighted median. The resulting nationwide total RVUs are multiplied by the geographic area adjustment factors determined pursuant to paragraph (f)(2)(iv) of this section to obtain the area-specific total RVUs.

(iv) *RVU geographic area adjustment factors for CPT/HCPCS codes that do not have Medicare RVUs, including codes that are designated as unlisted procedures.* The adjustment factor for each geographic area consists of the weighted average of the work expense and practice expense Medicare Geographic Practice Cost Indices for each geographic area using charge data for representative CPT/HCPCS codes statistically selected and weighted for work expense and practice expense.

(3) *Geographically-adjusted 80th percentile conversion factors.* CPT/HCPCS codes are separated into the following 23 CPT/HCPCS code groups:

allergy immunotherapy, allergy testing, cardiovascular, chiropractor, consults, emergency room visits and observation care, hearing/speech exams, immunizations, inpatient visits, maternity/cesarean deliveries, maternity/non-deliveries, maternity/normal deliveries, miscellaneous medical, office/home/urgent care visits, outpatient psychiatry/alcohol and drug abuse, pathology, physical exams, physical medicine, radiology, surgery, therapeutic injections, vision exams, and well baby exams. For each of the 23 CPT/HCPCS code groups, representative CPT/HCPCS codes are statistically selected and weighted so as to give a weighted average RVU comparable to the weighted average RVU of the entire CPT/HCPCS code group (the selected CPT/HCPCS codes are set forth in the Milliman USA, Inc., Health Cost Guidelines fee survey; see paragraph (a)(3) of this section for data sources). The 80th percentile charge for each selected CPT/HCPCS code is obtained from the MDR database. A nationwide conversion factor (a monetary amount) is calculated for each CPT/HCPCS code group as set forth in paragraph (f)(3)(i) of this section. The nationwide conversion factors for each of the 23 CPT/HCPCS code groups are trended forward to the effective time period for the charges, as set forth in paragraph (f)(3)(ii) of this section. The resulting amounts for each of the 23 groups are multiplied by geographic area adjustment factors determined pursuant to paragraph (f)(3)(iii) of this section, resulting in geographically-adjusted 80th percentile conversion factors for each geographic area for the 23 CPT/HCPCS code groups for the effective charge period.

(i) *Nationwide conversion factors.* Using the nationwide 80th percentile charges for the selected CPT/HCPCS codes from paragraph (f)(3) of this section, a nationwide conversion factor is calculated for each of the 23 CPT/HCPCS code groups by dividing the weighted average charge by the weighted average RVU.

(ii) *Trending forward.* The nationwide conversion factors for each of the 23 CPT/HCPCS code groups, obtained as described in paragraph (f)(3)(i) of this section, are trended forward based on changes to the physicians' services component of the CPI-U. Actual CPI-U changes are used from the time period of the source data through the latest available month as of the time the calculations are performed. The three-month average annual trend rate as of the latest available month is then held constant to the midpoint of the calendar year in which the charges are primarily

expected to be used. The projected total CPI-U change so obtained is then applied to the 23 conversion factors.

(iii) *Geographic area adjustment factors.* Using the 80th percentile charges for the selected CPT/HCPCS codes from paragraph (f)(3) of this section for each geographic area, a geographic area-specific conversion factor is calculated for each of the 23 CPT/HCPCS code groups by dividing the weighted average charge by the weighted average geographically-adjusted RVU. The resulting conversion factor for each geographic area for each of the 23 CPT/HCPCS code groups is divided by the corresponding nationwide conversion factor determined pursuant to paragraph (f)(3)(i) of this section. The resulting ratios are the geographic area adjustment factors for the conversion factors for each of the 23 CPT/HCPCS code groups for each geographic area.

(4) *Charge adjustment factors for specified CPT/HCPCS code modifiers.* Surcharges or charge discounts are calculated in the following manner: from the Part B component of the Medicare Standard Analytical File 5% Sample, the ratio of weighted average billed charges for CPT/HCPCS codes with the specified modifier to the weighted average billed charge for CPT/HCPCS codes with no charge modifier is calculated, using the frequency of procedure codes with the modifier as weights in both weighted average calculations. The resulting ratios constitute the surcharge or discount factors for specified charge-significant CPT/HCPCS code modifiers.

(5) *Certain charges for providers other than physicians.* When services for which charges are established according to the preceding provisions of this paragraph (f) are performed by providers other than physicians, the charges for those services will be as determined by the preceding provisions of this paragraph, except as follows:

(i) *Outpatient facility charges.* When the services of providers other than physicians are furnished in outpatient facility settings or in other facilities designated as provider-based, and outpatient facility charges for those services have been established under paragraph (e) of this section, then the outpatient facility charges established under paragraph (e) will apply instead of the charges established under this paragraph (f).

(ii) *Discounted charges.* Charges for the professional services of the following providers will be the indicated percentages of the amount that would be charged if the care had been provided by a physician: