

calculated as a mean of the two remaining charges. In cases where none of the charges differ from the preliminary mean charge by more than 50% of the preliminary mean charge, the average charge is calculated as a mean of all three reported charges.

(ii) *Nationwide 80th percentile charges for HCPCS dental codes designated as unlisted procedures.* For HCPCS dental codes designated as unlisted procedures, 80th percentile charges are developed based on the weighted median 80th percentile charge of HCPCS dental codes within the series in which the unlisted procedure code occurs. The distribution of procedures and services from the Prevailing Healthcare Charges System nationwide commercial insurance database is used for the purpose of computing the weighted median.

(iii) *Trending forward.* 80th percentile charges for each dental procedure code, obtained as described in paragraph (h)(2) of this section, are trended forward based on the dental 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 80th percentile charges.

(3) *Geographic area adjustment factors.* A geographic adjustment factor (consisting of the ratio of the level of charges in a given geographic area to the nationwide level of charges) for each geographic area and dental class of service is obtained from Milliman USA, Inc., Dental Health Cost Guidelines, a database of nationwide commercial insurance charges and relative costs; and a normalized geographic adjustment factor computed from the Dental UCR Module of the Comprehensive Healthcare Payment System compiled by Ingenix, as follows: Using local and nationwide average charges reported in the Ingenix data, a local weighted average charge for each dental class of procedure codes is calculated using utilization frequencies from the Milliman USA, Inc., Dental Health Cost Guidelines as weights (*see* paragraph (a)(3) of this section for data sources). Similarly, using nationwide average charge levels, a nationwide average charge by dental class of procedure codes is calculated. The normalized geographic adjustment factor for each dental class of procedure codes and for each geographic area is the ratio of the

local average charge divided by the corresponding nationwide average charge. Finally, the geographic area adjustment factor is the arithmetic average of the corresponding factors from the data sources mentioned in the first sentence of this paragraph (h)(3).

(i) *Pathology and laboratory charges.* When VA provides or furnishes pathology and laboratory services within the scope of care referred to in paragraph (a)(1) of this section, charges billed for such services will be determined in accordance with the provisions of this paragraph. Pathology and laboratory charges consist of charges for services that vary by geographic area and by CPT/HCPCS code. These charges are calculated as follows:

(1) *Formula.* For each CPT/HCPCS code, multiply the total geographically-adjusted RVUs determined pursuant to paragraph (i)(2) of this section by the applicable geographically-adjusted conversion factor (a monetary amount) determined pursuant to paragraph (i)(3) of this section to obtain the pathology/laboratory charge for each CPT/HCPCS code in a particular geographic area.

(2)(i) *Total geographically-adjusted RVUs for pathology and laboratory services that have Medicare-based RVUs.* Total RVUs are developed based on the Medicare Clinical Diagnostic Laboratory Fee Schedule (CLAB). The CLAB payment amounts are upwardly adjusted such that the adjusted payment amounts are, on average, equivalent to Medicare Physician Fee Schedule payment levels, using statistical comparisons to the 80th percentile derived from the MDR database. These adjusted payment amounts are then divided by the corresponding Medicare conversion factor to derive RVUs for each CPT/HCPCS code. The resulting nationwide total RVUs are multiplied by the geographic adjustment factors determined pursuant to paragraph (i)(2)(iv) of this section to obtain the area-specific total RVUs.

(ii) *RVUs for CPT/HCPCS codes that do not have Medicare-based RVUs and are not designated as unlisted procedures.* For CPT/HCPCS codes that are not assigned RVUs in paragraphs (i)(2)(i) or (i)(2)(iii) of this section, total RVUs are developed based on various charge data sources. For these CPT/HCPCS codes, the nationwide 80th percentile billed charges are obtained, where statistically 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 determined pursuant to paragraphs (i)(3) and (i)(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 (i)(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 (i)(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.* 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 pathology/laboratory CPT/HCPCS code group (the selected CPT/HCPCS codes are set forth in the Milliman USA, Inc., Health Cost Guidelines fee survey). The 80th percentile charge for each selected CPT/