

total acute inpatient facility ancillary charge.

*Note to paragraph (b)(1):* If there is a change in a patient's condition and/or treatment during a single acute inpatient stay such that the DRG assignment changes (for example, a psychiatric patient who develops a medical or surgical problem), then calculations of acute inpatient facility charges will be made separately for each DRG, according to the number of days of care applicable for each DRG, and the total acute inpatient facility charge will be the sum of the total acute inpatient facility charges for the different DRGs.

(2) *Per diem charges.* To establish a baseline, two nationwide average per diem amounts for each DRG are calculated, one from the MedPAR file and one from the MedStat claims database, a database of nationwide commercial insurance claims. Average per diem charges are calculated based on all available charges, except for care reported for emergency room, ambulance, professional, and observation care. These two data sources may report charges for two differing periods of time; when this occurs, the data source charges with the earlier center date are trended forward to the center date of the other data source, based on changes to the inpatient hospital services component of the CPI-U. Results obtained from these two data sources are then combined into a single weighted average per diem charge for each DRG. The resulting charge for each DRG is then separated into its two components, a room and board component and an ancillary component, with the per diem charge for each component calculated by multiplying the weighted average per diem charge by the corresponding percentage determined pursuant to paragraph (b)(2)(i) of this section. The room and board per diem charge is further differentiated into a standard room and board per diem charge and an ICU room and board per diem charge by multiplying the average room and board charge by the corresponding DRG-specific ratios determined pursuant to paragraph (b)(2)(ii) of this section. The resulting per diem charges for standard room and board, ICU room and board, and ancillary services for each DRG are then each multiplied by the final ratio determined pursuant to paragraph (b)(2)(iii) of this section to reflect the nationwide 80th percentile charges. Finally, the resulting amounts are each trended forward from the center date of the trended data sources to the effective time period for the charges, as set forth in paragraph (b)(2)(iv) of this section. The results constitute the nationwide

80th percentile standard room and board, ICU room and board, and ancillary per diem charges.

(i) *Room and board charge and ancillary charge component percentages.* Using only those cases from the MedPAR file for which a distinction between room and board charges and ancillary charges can be determined, the percentage of the total charges for room and board compared to the combined total charges for room and board and ancillary services, and the percentage of the total charges for ancillary services compared to the combined total charges for room and board and ancillary services, are calculated by DRG.

(ii) *Standard room and board per diem charge and ICU room and board per diem charge ratios.* Using only those cases from the MedPAR file for which a distinction between room and board and ancillary charges can be determined, overall average per diem room and board charges are calculated by DRG. Then, using the same cases, an average standard room and board per diem charge is calculated by dividing total non-ICU room and board charges by total non-ICU room and board days. Similarly, an average ICU room and board per diem charge is calculated by dividing total ICU room and board charges by total ICU room and board days. Finally, ratios of standard room and board per diem charges to average overall room and board per diem charges are calculated by DRG, as are ratios of ICU room and board per diem charges to average overall room and board per diem charges.

(iii) *80th percentile.* Using cases from the MedPAR file with separately identifiable semi-private room rates, the ratio of the day-weighted 80th percentile semi-private room and board per diem charge to the average semi-private room and board per diem charge is obtained for each geographic area. The geographic area-based ratios are averaged to obtain a final 80th percentile ratio.

(iv) *Trending forward.* 80th percentile charges for each DRG, obtained as described in paragraph (b)(2) of this section, are trended forward based on changes to the inpatient hospital services component of the CPI-U. Actual CPI-U changes are used from the center date of the trended data sources 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.* For each geographic area, the average per diem room and board charges and ancillary charges from the MedPAR file are calculated for each DRG. The DRGs are separated into two groups, surgical and non-surgical. For each of these groups of DRGs, for each geographic area, average room and board per diem charges and ancillary per diem charges are calculated, weighted by nationwide VA discharges and by average lengths of stay from the combined MedPAR file and MedStat claims database. This results in four average per diem charges for each geographic area: room and board for surgical DRGs, ancillary for surgical DRGs, room and board for non-surgical DRGs, and ancillary for non-surgical DRGs. Four corresponding national average per diem charges are obtained from the MedPAR file, weighted by nationwide VA discharges and by average lengths of stay from the combined MedPAR file and MedStat claims database. Four geographic area adjustment factors are then calculated for each geographic area by dividing each geographic area average per diem charge by the corresponding national average per diem charge.

(c) *Skilled nursing facility/sub-acute inpatient facility charges.* When VA provides or furnishes skilled nursing/sub-acute inpatient services within the scope of care referred to in paragraph (a)(1) of this section, skilled nursing facility/sub-acute inpatient facility charges billed for such services will be determined in accordance with the provisions of this paragraph. The skilled nursing facility/sub-acute inpatient facility charges are per diem charges that vary by geographic area. The facility charges cover care, including room and board, nursing care, pharmaceuticals, supplies, and skilled rehabilitation services (e.g., physical therapy, inhalation therapy, occupational therapy, and speech-language pathology), that is provided in a nursing home or hospital inpatient setting, is provided under a physician's orders, and is performed by or under the general supervision of professional personnel such as registered nurses, licensed practical nurses, physical therapists, occupational therapists, speech-language pathologists, and audiologists. These charges are calculated as follows:

(1) *Formula.* For each stay, multiply the nationwide per diem charge determined pursuant to paragraph (c)(2) of this section by the appropriate geographic area adjustment factor