

facility and by DRG. These charges are calculated as follows:

(1) *Formula.* For each acute inpatient stay, or portion thereof, for which a particular DRG assignment applies, multiply the nationwide room and board per diem charge as set forth in paragraph (b)(2) of this section by the appropriate geographic area adjustment factor as set forth in paragraph (b)(3) of this section. The result constitutes the facility-specific room and board per diem charge. Also, for each inpatient stay, multiply the nationwide ancillary per diem charge as set forth in paragraph (b)(2) of this section by the appropriate geographic area adjustment factor as set forth in paragraph (b)(3) of this section. The result constitutes the facility-specific ancillary per diem charge. Then add the facility-specific room and board per diem charge to the facility-specific ancillary per diem charge. This constitutes the facility-specific combined per diem facility charge. Finally, multiply the facility-specific combined per diem facility charge by the number of days of inpatient care to obtain the total acute inpatient facility 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 the calculations 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 charges for each DRG are calculated, one from the 2001 Medicare MedPAR file and one from the 1999 MedStat claims database, a database of nationwide commercial insurance claims (available from the MedStat Group, 777 E. Eisenhower Parkway, Ann Arbor, MI 48108). Because these two data sources report charges for two differing periods of time, the MedStat claims database was trended forward to the center date of the MedPAR data based on changes to the Inpatient Hospital component of the CPI-U. Results obtained from these two databases are then combined into a single weighted average per diem charge for each DRG. The resulting weighted average per diem charge for each DRG is then separated into its two components, a room and board component and an ancillary component, with the amount for each component calculated to reflect the corresponding percentage set forth in paragraph

(b)(2)(i) of this section. The resulting amounts for room and board and ancillary services for each DRG are then each multiplied by the final ratio set forth in paragraph (b)(2)(ii) of this section to reflect the 80th percentile charges. Finally, the resulting charges are each trended forward to the effective time period for the charges, as set forth in paragraph (b)(2)(iii) of this section. The results constitute the room and board per diem charge and the ancillary per diem charge.

(i) *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) *80th percentile.* Using the medical and surgical admissions in the 1995 Medicare Standard Analytical File 5% Sample, 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 consolidated MSA. The consolidated MSA ratios are averaged to obtain a final 80th percentile ratio.

(iii) *Trending forward.* 80th percentile charges for each DRG, representing charge levels described in paragraph (b)(2) of this section, are trended forward based on changes to the hospital inpatient component of the CPI-U. Actual CPI-U changes are used through the latest available month for room/board and ancillary charges. Trends from the latest available month to the midpoint of the calendar year in which charges become effective are based on the latest three-month average annual trend rate from the Inpatient Hospital component of the CPI-U. The projected total CPI trend is then applied to the 80th percentile charges.

(3) *Geographic area adjustment factors.* For each VA facility location, the average per diem room and board charges and ancillary charges from the 1995 Medicare Standard Analytical File 5% Sample 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 for 1995, weighted by FY 2001 nationwide VA discharges and by average lengths of stay from the combined Medicare

Standard Analytical File 5% Sample and the 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 1995 Medicare Standard Analytical File 5% Sample, weighted by FY 2001 nationwide VA discharges and by average lengths of stay from the combined Medicare Standard Analytical File 5% Sample and the 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 VA facility. The facility charges cover care, including skilled rehabilitation services (e.g., physical 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. The skilled nursing facility/sub-acute inpatient facility charges also incorporate charges for ancillary services associated with care provided in these settings. The charges are calculated as follows:

(1) *Formula.* For each stay, multiply the nationwide per diem charge as set forth in paragraph (c)(2) of this section by the appropriate geographic area adjustment factor as set forth in paragraph (c)(3) of this section. The result constitutes the facility-specific per diem charge. Finally, multiply the facility-specific per diem charge by the number of days of care to obtain the total skilled nursing facility/sub-acute inpatient facility charge.

(2) *Per diem charge.* To establish a baseline, a nationwide average per diem billed charge for July 1, 2003, was