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be consistent with their established cost finding practices.

(3) *New capital costs.* If a hospital desires to change its cost finding methods for new capital costs, the request for change must be made in writing to the intermediary prior to the beginning of the cost reporting period for which the change is to apply. The request must include justification as to why the change will result in more accurate and more appropriate cost finding. The intermediary will not approve the change unless it determines that there is reasonable justification for the change.

(4) Hospitals may elect the simplified cost allocation methodology under the terms and conditions provided in the instructions for CMS Form 2552.

[56 FR 43449, Aug. 30, 1991, as amended at 57 FR 3016, Jan. 27, 1992; 57 FR 39827, Sept. 1, 1992; 57 FR 46510, Oct. 9, 1992; 59 FR 45399, Sept. 1, 1994; 61 FR 46224, Aug. 30, 1996; 61 FR 51217, Oct. 1, 1996]

§ 412.304 Implementation of the capital prospective payment system.

(a) *General rule.* As described in §§ 412.312 through 412.370, effective with cost reporting periods beginning on or after October 1, 1991, CMS pays an amount determined under the capital prospective payment system for each inpatient hospital discharge as defined in § 412.4. This amount is in addition to the amount payable under the prospective payment system for inpatient hospital operating costs as determined under subpart D of this part.

(b) *Cost reporting periods beginning on or after October 1, 1991 and before October 1, 2001.* For cost reporting periods beginning on or after October 1, 1991 and before October 1, 2001, the capital payment amount is based on either a combination of payments for old capital costs and new capital costs or a fully prospective rate, as determined under § 412.324 through § 412.348.

(c) *Cost reporting periods beginning on or after October 1, 2001—*(1) *General.* Except as provided in paragraph (c)(2) of this section, for cost reporting periods beginning on or after October 1, 2001, the capital payment amount is based solely on the Federal rate determined under §§ 412.308(a) and (b) and updated under § 412.308(c).

(2) *Payment to new hospitals.* For cost reporting periods beginning on or after October 1, 2002—

(i) A new hospital, as defined under § 412.300(b), is paid 85 percent of its allowable Medicare inpatient hospital capital-related costs through its cost report ending at least 2 years after the hospital accepts its first patient, unless the new hospital elects to be paid under the capital prospective payment system based on 100 percent of the Federal rate.

(A) If the new hospital elects to be paid based on 100 percent of the Federal rate, the new hospital must submit a written request to the fiscal intermediary by the later of December 1, 2002 or 60 days before the beginning of its cost reporting period.

(B) Once a new hospital elects to be paid based on 100 percent of the Federal rate, it may not revert to payment at 85 percent of its allowable Medicare inpatient hospital capital-related costs.

(ii) For the third year and subsequent years, the hospital is paid based on the Federal rate as described under § 412.312.

(d) *Interim payments.* Interim payments are made to the hospital as provided in § 412.116.

[56 FR 43449, Aug. 30, 1991, as amended at 67 FR 50113, Aug. 1, 2002; 70 FR 47487, Aug. 12, 2005]

BASIC METHODOLOGY FOR DETERMINING THE FEDERAL RATE FOR CAPITAL-RELATED COSTS

§ 412.308 Determining and updating the Federal rate.

(a) *FY 1992 national average cost per discharge.* CMS determines the FY 1992 estimated national average cost per discharge by updating the discharge weighted national average Medicare inpatient hospital capital-related cost per discharge for FY 1989 by the estimated increase in Medicare inpatient hospital capital costs per discharge.

(b) *Standard Federal rate.* The standard Federal rate is used to determine the Federal rate for each fiscal year in accordance with the formula specified in paragraph (c) of this section.

(1) CMS determines the standard Federal rate by adjusting the FY 1992 updated national average cost per discharge by a factor so that estimated aggregate payments based on the standard Federal rate adjusted by the payment adjustments described in §412.312(b) equal estimated aggregate payments based solely on the national average cost per discharge.

(2) Effective FY 1994, the standard Federal rate used to determine the Federal rate each year under paragraph (c) of this section is reduced by 7.4 percent.

(3) Effective FY 1996, the standard Federal rate used to determine the Federal rate each year under paragraph (c) of this section is reduced by 0.28 percent to account for the effect of the revised policy for payment of transfers under §412.4(d).

(4) Effective FY 1998, the unadjusted standard Federal capital payment rate in effect on September 30, 1997, used to determine the Federal rate each year under paragraph (c) of this section is reduced by 15.68 percent.

(5) For discharges occurring on or after October 1, 1997 through September 30, 2002, the unadjusted standard Federal capital payment rate as in effect on September 30, 1997, used to determine the Federal rate each year under paragraph (c) of this section is further reduced by 2.1 percent.

(6) For discharges occurring on or after October 1, 2002, the 2.1 percent reduction provided for under paragraph (b)(5) of this section is eliminated from the unadjusted standard Federal rate in effect on September 30, 2002, used to determine the Federal rate each year under paragraph (c) of this section.

(c) *The Federal rate.* CMS determines the Federal rate each year by adjusting the standard Federal rate by the following factors.

(1) *Update factor.* After FY 1992, CMS updates the standard Federal rate as follows:

(i) *FY 1993 through FY 1995.* For FY 1993 through FY 1995, the standard Federal rate is updated based on a moving two-year average of actual increases in capital-related costs per discharge for the period three and four years before the fiscal year in question, excluding

the portion of the increase attributable to changes in case mix.

(ii) *Effective FY 1996.* Effective FY 1996, the standard Federal rate is updated based on an analytical framework. The framework includes a capital input price index, which measures the annual change in the prices associated with capital-related costs during the year. CMS adjusts the capital input price index rate of change to take into account forecast errors, changes in the case mix index, the effect of changes to DRG classification and relative weights, and allowable changes in the intensity of hospital services.

(2) *Outlier payment adjustment factor.* CMS reduces the updated standard Federal rate by an adjustment factor equal to the estimated additional payments under the Federal rate for outlier cases under subpart F of this part, determined as a proportion of total capital payments under the Federal rate.

(3) *Exceptions payment adjustment factor.* CMS reduces the updated standard Federal rate by an adjustment factor equal to the estimated additional payments for exceptions under §412.348 determined as a proportion of total payments under the hospital-specific rate and Federal rate.

(4) *Budget neutrality adjustment factor.* (i) For FY 1992 through FY 1995, CMS adjusts the updated standard Federal rate by a budget neutrality factor determined under §412.352.

(ii) CMS makes an adjustment to the Federal rate so that estimated aggregate payments for the fiscal year based on the Federal rate after any changes resulting from the annual reclassification and recalibration of the DRG weight in accordance with §412.60(e) and in the geographic adjustment factors described in §412.312(b)(2) equal estimated aggregate payments based on the Federal rate that would have been made without such changes.

[56 FR 43449, Aug. 30, 1991; 57 FR 3016, Jan. 27, 1992, as amended at 58 FR 46339, Sept. 1, 1993; 59 FR 45399, Sept. 1, 1994; 60 FR 45849, Sept. 1, 1995; 62 FR 46031, Aug. 29, 1997; 67 FR 50113, Aug. 1, 2002]

§412.312 Payment based on the Federal rate.

(a) *General.* The payment amount for each discharge based on the Federal

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rate determined under §412.308(c) is determined under the following formula: [Federal rate \times DRG weight \times Geographic adjustment factor \times Large urban add-on \times (1 + Capital disproportionate share adjustment factor + capital indirect medical education adjustment factor) \times (for hospitals located in Alaska and Hawaii, a cost-of-living adjustment factor)] + (Any applicable outlier payment).

(b) *Payment adjustments*—(1) *DRG weights*. The relative resource requirements of the discharge are taken into account by applying the DRG weighting factor that is assigned to the discharge under §412.60.

(2) *Geographic adjustment factors*—(i) *Local cost variation*. A geographic adjustment factor is applied that takes into account geographic variation in costs.

(ii) *Large urban add-on*. An additional adjustment is made for hospitals located in a large urban area to reflect the higher costs incurred by hospitals located in those areas. For purposes of the payment adjustment under this paragraph, the definition of large urban area set forth at §412.63(c)(6) continues to be in effect for discharges occurring on or after September 30, 2004.

(iii) *Cost-of-living adjustment*. An additional adjustment is made for hospitals located in Alaska and Hawaii to account for the higher cost-of-living in those States.

(3) *Disproportionate share adjustment*. For hospitals with at least 100 beds located in an urban area and serving low-income patients, a disproportionate share adjustment factor is applied that reflects the higher costs attributable to furnishing services to low income patients.

(4) *Indirect medical education adjustment*. An additional adjustment is made based on the ratio of residents to the average daily patient census of the hospital to account for the indirect costs of medical education.

(c) *Additional payment for outlier cases*. Payment is made for day outlier cases as provided for in §412.82 and for cost outlier cases if both capital-related and operating-related costs exceed the cost outlier threshold as provided for in §412.84.

(d) *Payment for transfer cases*. Payment is made for transfer cases as provided for in §412.4.

(e) *Payment for extraordinary circumstances*. For cost reporting periods beginning on or after October 1, 2001—

(1) Payment for extraordinary circumstances is made as provided for in §412.348(f).

(2) Although no longer independently in effect, the minimum payment levels established under §412.348(c) continue to be used in the calculation of exception payments for extraordinary circumstances, according to the formula in §412.348(f).

(3) Although no longer independently in effect, the offsetting amounts established under §412.348(e) continue to be used in the calculation of exception payments for extraordinary circumstances. However, for cost reporting periods beginning during FY 2005 and subsequent fiscal years, the offsetting amounts in §412.348(e) are determined based on the lesser of—

(i) The preceding 10-year period; or

(ii) The period of time under which the hospital is subject to the prospective payment system for capital-related costs.

(f) *Payment adjustment for certain clinical trial or expanded access use immunotherapy cases*. For discharges occurring on or after October 1, 2020, in determining the payment amount under this section for certain clinical trial or expanded access use immunotherapy cases as described in §412.85(b), the DRG weighting factor described in paragraph (b)(1) of this section is adjusted as described in §412.85(c).

[56 FR 43449, Aug. 30, 1991, as amended at 67 FR 50113, Aug. 1, 2002; 69 FR 49250, Aug. 11, 2004; 69 FR 60252, Oct. 7, 2004; 85 FR 59023, Sept. 18, 2020]

§412.316 Geographic adjustment factors.

(a) *Local cost variation*. CMS adjusts for local cost variation based on the hospital wage index value that is applicable to the hospital under subpart D of this part. The adjustment factor equals the hospital wage index value applicable to the hospital raised to the .6848 power and is applied to 100 percent of the Federal rate.

(b) *Large urban location.* For discharges occurring on or before September 30, 2007, CMS provides an additional payment to a hospital located in a large urban area equal to 3.0 percent of what would otherwise be payable to the hospital based on the Federal rate.

(1) For discharges occurring on or before September 30, 2004, the payment adjustment under this section is based on a hospital's location for the purpose of receiving payment under § 412.63(a). The term "large urban area" is defined under § 412.63(c)(6).

(2) For discharges occurring on or after October 1, 2004, and before October 1, 2007, the definition of large urban areas under § 412.63(c)(6) continues to be in effect for purposes of the payment adjustment under this section, based on the geographic classification under § 412.64, except as provided for in paragraph (b)(3) of this section.

(3) For purposes of this section, the geographic classifications specified under § 412.64 apply, except that, effective for discharges occurring on or after October 1, 2006, and before October 1, 2007, for an urban hospital that is reclassified as rural as set forth in § 412.103, the geographic classification is rural.

(c) *Cost-of-living adjustment.* CMS provides an additional payment to a hospital located in Alaska and Hawaii equal to $[0.3152 \times (\text{the cost-of-living adjustment factor used to determine payments under subpart D of this part} - 1)]$ percent.

[56 FR 43449, Aug. 30, 1991, Aug. 11, 2004, as amended at 69 FR 49250, Aug. 11, 2004; 71 FR 48140, Aug. 18, 2006; 72 FR 47412, Aug. 22, 2007]

§ 412.320 Disproportionate share adjustment factor.

(a) *Criteria for classification.* A hospital is classified as a "disproportionate share hospital" for the purposes of capital prospective payments if either of the following conditions is met:

(1) The hospital is located in an urban area, has 100 or more beds as determined in accordance with § 412.105(b), and serves low-income patients as determined under § 412.106(b).

(i) For discharges occurring on or before September 30, 2004, the payment adjustment under this section is based

on a hospital's location, for the purpose of receiving payment, under § 412.63(a).

(ii) For discharges occurring on or after October 1, 2004, the payment adjustment under this section is based on the geographic classifications specified under § 412.64, except as provided for in paragraph (a)(1)(iii) of this section.

(iii) For purposes of this section, the geographic classifications specified under § 412.64 apply, except that, effective for discharges occurring on or after October 1, 2006, and before October 1, 2023, for an urban hospital that is reclassified as rural as set forth in § 412.103, the geographic classification is rural.

(2) The hospital meets the criteria in § 412.106(c)(2).

(b) *Payment adjustment factor.* (1) If a hospital meets the criteria in paragraph (a)(1) of this section for a disproportionate share hospital for purposes of capital prospective payments, the disproportionate share payment adjustment factor equals $[e \text{ raised to the power of } (.2025 \times \text{the hospital's disproportionate patient percentage as determined under } § 412.106(b)(5)), - 1]$, where e is the natural antilog of 1.

(2) If a hospital meets the criteria in § 412.106(c)(2) for purposes of hospital inpatient operating prospective payments, the disproportionate share adjustment factor is the factor that results from deeming the hospital to have the same disproportionate share patient percentage that would yield its operating disproportionate share adjustment.

[56 FR 43449, Aug. 30, 1991; 57 FR 3016, Jan. 27, 1992, as amended at 58 FR 46339, Sept. 1, 1993; 69 FR 49250, Aug. 11, 2004; 71 FR 48140, Aug. 18, 2006; 88 FR 59334, Aug. 28, 2023]

§ 412.322 Indirect medical education adjustment factor.

(a) *Basic data.* CMS determines the following for each hospital:

(1) The hospital's number of full-time equivalent residents as determined under § 412.105(f).

(2) The hospital's average daily census is determined by dividing the total number of inpatient days in the acute inpatient area of the hospital by the number of days in the cost reporting period.

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(3) The measurement of teaching activity is the ratio of the hospital's full-time equivalent residents to average daily census. This ratio cannot exceed 1.5.

(b) *Payment adjustment factor.* The indirect teaching adjustment factor equals [e (raised to the power of .2822 × the ratio of residents to average daily census) – 1].

(c)–(d) [Reserved]

[56 FR 43449, Aug. 30, 1991, as amended at 63 FR 26357, May 12, 1998; 63 FR 41004, July 31, 1998; 72 FR 47412, Aug. 22, 2007; 74 FR 43998, Aug. 27, 2009]

DETERMINATION OF TRANSITION PERIOD PAYMENT RATES FOR CAPITAL-RELATED COSTS

§ 412.324 General description.

(a) *Hospitals under Medicare in FY 1991.* During the ten-year transition period, payments to a hospital with a hospital-specific rate below the Federal rate are based on the fully prospective payment methodology under § 412.340 or for a hospital with a hospital-specific rate above the Federal rate, the hold-harmless payment methodology under § 412.344.

(b) *New hospitals.* (1) A new hospital, as defined under § 412.300(b), is paid 85 percent of its allowable Medicare inpatient hospital capital-related costs through its cost reporting period ending at least 2 years after the hospital accepts its first patient.

(2) For the third year through the remainder of the transition period, the hospital is paid based on the fully prospective payment methodology or the hold-harmless payment methodology using the base period determined under § 412.328(a)(2).

(3) If the hospital is paid under the hold-harmless methodology described in § 412.344, the hold-harmless payment for old capital costs described in § 412.344(a)(1) is payable for up to and including 8 years and may continue beyond the first cost reporting period beginning on or after October 1, 2000.

(c) *Hospitals with 52–53 week fiscal years ending September 25 through September 29.* For purposes of this subpart, a hospital with a 52–53 week fiscal year period beginning September 26 through September 30, 1992 is deemed to have

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the same beginning date for all cost reporting periods beginning before October 1, 2000 (unless the hospital later changes its cost reporting period).

[56 FR 43449, Aug. 30, 1991; 57 FR 3016, Jan. 27, 1992]

§ 412.328 Determining and updating the hospital-specific rate.

(a) *Base-year cost reporting period*—(1) *Last 12 month cost reporting period ending on or before December 31, 1990.* For each hospital, the intermediary uses the hospital's latest 12-month or longer cost reporting period ending on or before December 31, 1990 as the base period to determine a hospital's hospital-specific rate.

(2) *New hospitals.* The base-year cost reporting period for a new hospital is its 12-month cost reporting period (or a combination of cost reporting periods covering at least 12 months) that begins at least 1 year after the hospital accepts its first patient.

(3) *Other hospitals.* For other than a new hospital as defined in § 412.300(b), if a hospital does not have a 12-month cost reporting period or does not have adequate Medicare utilization to file a cost report in a period ending on or before December 31, 1990, the hospital-specific rate is based on the hospital's old capital costs (per discharge) in its first 12-month cost reporting period (or combination of cost reporting periods covering at least 12 months) ending after December 31, 1990.

(b) *Base-year costs per discharge*—(1) *Base period allowable inpatient capital costs per discharge*—(i) *Determination.* The intermediary determines the base period allowable inpatient capital costs per discharge for the hospital by dividing the hospital's total allowable Medicare inpatient hospital capital-related cost in the base period by the number of Medicare discharges in the base period.

(ii) *Disposal of assets in the base year.* When a depreciable asset has been disposed of in the base year, only that portion of the gain or loss that is allocated to the base-year cost reporting period is reflected in the hospital-specific rate.

(iii) *Disposal of assets subsequent to the base year.* If an asset for which the