§ 412.300 Subpart M—Prospective Payment System for Inpatient Hospital Capital Costs

SOURCE: 56 FR 43449, Aug. 30, 1991, unless otherwise noted.

GENERAL PROVISIONS

§ 412.300 Scope of subpart and definition.

(a) Purpose. This subpart implements section 1886(g)(1)(A) of the Act by establishing a prospective payment system for inpatient hospital capital-related costs. Under this system, payment is made on the basis described in § 412.304 through § 412.374 for inpatient hospital capital-related costs furnished by hospitals subject to the prospective payment system under subpart B of this part.

(b) Definition. For purposes of this subpart, a new hospital means a hospital that has operated (under previous or present ownership) for less than 2 years. The following hospitals are not new hospitals:

(1) A hospital that builds new or replacement facilities at the same or another location even if coincidental with a change of ownership, a change in management, or a lease arrangement.

(2) A hospital that closes and subsequently reopens.

(3) A hospital that has been in operation for more than 2 years but has participated in the Medicare program for less than 2 years.

(4) A hospital that changes its status from a hospital that is excluded from the prospective payment systems to a hospital that is subject to the capital prospective payment systems.

42 CFR Ch. IV (10–1–10 Edition)

§ 412.302 Introduction to capital costs.

(a) New capital costs. New capital costs are allowable Medicare inpatient hospital capital-related costs under subpart G of part 413 of this chapter that are related to assets that were first put in use for patient care after December 31, 1990 (except for such costs deemed to be old capital costs based on prior obligations as described in paragraph (c) of this section) and those allowable capital-related costs related to assets in use prior to December 31, 1990 that are excluded from the definition of old capital costs described in paragraphs (b) (2) through (5) of this section, or are betterment or improvement costs related to those old capital assets.

(b) Old capital costs. Except as provided in paragraph (c) of this section with respect to capital obligations that qualify for recognition as old capital, old capital costs are allowable capital-related costs for land and depreciable assets that were put in use for patient care on or before December 31, 1990. However, for a new hospital as defined in § 412.300(b), old capital costs are defined as those allowable capital-related costs for land and depreciable assets that were put in use for patient care on or before the later of December 31, 1990 or the last day of the hospital’s base year cost reporting period under § 412.328(a)(2). Old capital costs include the following:

(1) Allowable depreciation on assets based on the useful life guidelines used to determine depreciation expense in the hospital’s base period.

(2) Allowable capital-related interest expense. Except as provided below, the amount of allowable capital-related interest expense that will be recognized as old capital is limited to the amount the hospital was legally obligated to pay as of December 31, 1990. Any allowable interest expense in excess of this limitation will be recognized as new capital.

(i) An increase in interest expense is recognized if the increase is due to periodic fluctuations of rates in variable interest rate loans or at the time of conversion from a variable rate loan to a fixed rate loan when no other changes in the terms of the loan are made.

(ii) If the terms of a debt instrument are revised after December 31, 1990, the amount of interest that will be recognized as old capital during the transition cannot exceed the amount that would have been recognized during the same period prior to the revision of the debt instrument.

(iii) If short-term financing was used to acquire old capital assets and the...
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debt is extended or “rolled-over”, a portion of the extended debt will be recognized as old capital. The portion will equal the ratio of the net book value as of the beginning of the applicable cost reporting period for depreciable assets that were in use in the base year, to the net book value as of the beginning of the base year cost reporting period for those assets. The net book value for the base year will not be adjusted to exclude assets that have been fully depreciated or removed from service since the base year. If the debt is related to specific assets, the ratio will be determined based on the values for those assets. The ratio will exclude assets that were acquired with other identifiable debt instruments. For purposes of this paragraph, short term financing is a debt that becomes due in no later than the earlier of 5 years or half of the average useful life of the assets to which the debt is related.

(iv) If old capital indebtedness is commingled with new capital debt, the allowable interest expense will be apportioned to old capital costs based on the ratio of the portion of the loan principal related to old capital indebtedness to the total loan principal.

(v) Investment income, excluding income from funded depreciation accounts, is used to reduce old capital interest expense based on the ratio of total old capital interest expense to total allowable interest expense in each cost reporting period.

(3) Allowable capital-related lease and rental costs for land and depreciable assets that were obligated as of December 31, 1990.

(i) Lease renewals up to the annual lease payment level obligated as of December 31, 1990 are recognized provided the same asset remains in use, the asset has a useful life of at least 3 years, and the annual lease payment is $1,000 or more for each item or service.

(ii) If a hospital-owned asset is sold or given to another party and that same asset is then leased back by the hospital, the amount of allowable capital-related costs recognized as old capital costs is limited to the amount allowed for that asset in the last cost reporting period that it was owned by the hospital.

(iii) If an entire hospital is leased without assumption of the hospital’s asset costs after December 31, 1990, the amount of allowable capital-related costs recognized as old capital costs is limited to the amount allowed for old capital costs in the base year or the last cost reporting period these costs were recognized under this subpart, whichever is later.

(4) The portion of allowable costs for other capital-related expenses (including but not limited to, taxes, insurance, license and royalty fees on depreciable assets) resulting from applying the ratio of the hospital’s gross old asset value to total asset value in each cost reporting period.

(5) The appropriate portion of the capital-related costs of related organizations under §413.17 that would be recognized as old capital costs if these costs had been incurred directly by the hospital.

(6) Obligated capital costs that are recognized as old capital costs in accordance with paragraph (c) of this section.

(7) If a hospital had nonreimbursable costs applicable to an old capital asset as of December 31, 1990 that subsequently become allowable inpatient capital-related costs, the allowable costs for such an asset that are attributable to inpatient hospital services are recognized as old capital costs if a portion of the asset was in use for inpatient hospital care on December 31, 1990 and the costs meet all other provisions for recognition of old capital costs contained in this section.

(c) Obligated capital costs—(1) General rule. Under the conditions described below, capital-related costs attributable to assets that are put in use after December 31, 1990 may be recognized as old capital costs. Any allowable capital-related costs for these assets that are not recognized as old capital costs are recognized as new capital costs.

(i) Fixed assets. The costs of capital-related items and services defined in subpart G of part 413 for which there was a contractual obligation entered into by a hospital or related party with an outside, unrelated party for the construction, reconstruction, lease, rental, or financing of a fixed asset may be...
recognized as old capital costs if all the following conditions are met:

(A) The obligation must arise from a binding written agreement that was executed on or before December 31, 1990 and that obligates the hospital on or before December 31, 1990.

(B) The capital asset must be put in use for patient care before October 1, 1994 except as provided in paragraph (c)(1)(iv) of this section.

(C) The hospital notifies the intermediary of the existence of obligated capital costs as provided in paragraph (c)(1)(v) of this section.

(D) The amount that is recognized as old capital cost is limited to the lesser of the actual allowable costs when the asset is put in use or the estimated costs of the capital expenditure at the time it was obligated as provided in paragraph (c)(1)(vi) of this section.

(ii) **Moveable equipment.** Moveable equipment is recognized as old capital only if all of the conditions specified in paragraphs (c)(1)(i) (B) through (D) of this section are met and one of the following conditions is met:

(A) There was a binding contractual agreement that was executed on or before December 31, 1990 and obligates the hospital on or before December 31, 1990 for the lease or purchase of the item of equipment on or before December 31, 1990.

(B) There was a binding contractual agreement that was executed on or before December 31, 1990 and obligates the hospital on or before December 31, 1990 for financing the acquisition of the equipment; the item of equipment costs at least $100,000; and the item was specifically listed in an equipment purchase plan approved by the Board of Directors on or before December 31, 1990.

(iii) **Agreements not recognized.** Agreements for planning, design or feasibility that do not commit the hospital to undertake a project are not recognized as obligating capital expenditures for purposes of this subsection.

(iv) **Extension of deadline.** CMS may extend the deadline in paragraph (c)(1)(i)(B) of this section, under which an asset must be put in use for patient care before October 1, 1994, to no later than September 30, 1996 for extraordinary circumstances beyond the hospital’s control. Extraordinary circumstances include, but are not limited to, a construction strike or atypically severe weather that significantly delayed completion of a construction project. Normal construction delays do not constitute extraordinary circumstances.

(A) The hospital must submit its request for an extended deadline with documentation of the extraordinary circumstances by the later of January 1, 1993 or 180 days after the extraordinary circumstance.

(B) The intermediary reviews the request and verifies the hospital’s documentation, and forwards the request to CMS within 60 days. Within 90 days, CMS notifies the intermediary of its decision and, if an extension is granted, of the revised deadline for putting the asset in use for patient care service.

(v) The hospital must submit to its intermediary the binding agreement and supporting documents that relate to the obligated capital expenditure by the later of October 1, 1992, or within 90 days after the start of the hospital’s first cost reporting period beginning on or after October 1, 1991. This documentation must include a project description (including details of any phased construction or financing) and an estimate of costs that were prepared no later than December 31, 1990.

(vi) **Cost limitation—(A) Leases, Rentals or Purchases.** The amount of obligated capital costs recognized as old capital costs cannot exceed the amount specified in the lease, rental, or purchase agreement. If moveable equipment is recognized as old capital under paragraph (c)(1)(ii)(B) of this section, the amount recognized as old capital costs cannot exceed the estimated cost identified in the equipment purchase plan approved by the hospital’s Board of Directors.

(B) **Construction contracts.** The amount of obligated capital costs recognized as old capital costs cannot exceed the estimated construction costs for the project as of December 31, 1990. Additional costs will be recognized as old capital costs only if the additional costs are directly attributable to changes in life safety codes or other building requirements established by.
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government ordinance that occurred after the project was obligated.

(C) Financing costs. The amount of obligated interest expense that will be recognized as old capital costs cannot exceed the amount for which the hospital was legally obligated as of December 31, 1990 for a capital acquisition that was legally obligated as of December 31, 1990, the amount specified in a detailed financing plan approved by the hospital’s Board of Directors prior to January 1, 1991.

(vii) Determining old capital costs. (A) The intermediary determines whether the applicable criteria are met for recognition of obligated capital costs as old capital costs and the maximum allowable cost that will be recognized as old capital costs.

(B) The intermediary advises the hospital of its determination by the later of the end of the hospital’s first cost reporting period subject to the capital prospective payment system or 9 months after the receipt of the hospital’s notification under paragraph (c)(1)(v) of this section.

(C) The actual amount that will be recognized as old capital costs is based on the lesser of the allowable costs for the asset when it is put into patient use or the amounts determined under paragraph (c)(1)(v) of this section.

(viii) Multi-phase project. If the hospital has a multi-phase capital project, the provisions of paragraphs (c)(1)(i) through (vii) of this section applies independently to each phase of the project.

(2) Lengthy certificate-of-need process. (i) If a hospital does not meet the criteria under paragraph (c)(1)(i) or paragraph (c)(1)(ii) of this section, but meets all of the following criteria, the estimated cost for the project as of December 31, 1990 may be recognized as old capital costs:

(A) The hospital is required under State law to obtain preapproval of the capital project or acquisition by a designated State or local planning authority in the State in which it is located.

(B) The hospital filed an initial application for a certificate of need on or before December 31, 1989 that includes a detailed description of the project and its estimated cost and had not received approval or disapproval on or before September 30, 1990. If the hospital received conditional approval on or before September 30, 1990, the hospital’s intermediary assesses the nature of the conditions. The hospital will be considered to have received approval for the project as of September 30, 1990 if the intermediary determines that the hospital received sufficient approval for the project to proceed without significant delay.

(C) The hospital expended the lesser of $750,000 or 10 percent of the estimated cost of the project on or before December 31, 1990; and

(D) The hospital put the asset into patient use on or before the later of September 30, 1996 or 4 years from the date the certificate of need was approved.

(ii) The provisions of paragraphs (c)(1)(iv) through (viii) of this section apply to projects that meet the criteria in paragraph (c)(2)(i) of this section.

(3) Construction in process. (i) If a hospital that initiates construction on a capital project does not meet the requirements of paragraphs (c)(1)(i) or (ii) or (c)(2)(i) of this section, the project costs may be recognized as old capital costs if all the following conditions are met:

(A) The hospital received any required certificate of need approval on or before December 31, 1990.

(B) The hospital’s Board of Directors formally authorized the project with a detailed description of its scope and costs on or before December 31, 1990.

(C) The estimated cost of the project as of December 31, 1990 exceeds 5 percent of the hospital’s total patient revenues during its base year.

(D) The capitalized cost that had been incurred for the project as of December 31, 1990 exceeded the lesser of $750,000 or 10 percent of the estimated project cost.

(E) The hospital began actual construction of or renovation (“groundbreaking”) on or before March 31, 1991.

(F) The project is completed before October 1, 1994.

(ii) The provisions of paragraphs (c)(1)(iv) through (viii) of this section apply to projects that meet the criteria in paragraph (c)(3)(i) of this section.
§ 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.

§ 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 15.68 percent.

(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 further reduced by 2.1 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.

(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. CMS makes an adjustment to the Federal rate so that estimated aggregate payments for the fiscal year based...
§412.312 Payment based on the Federal rate.

(a) General. The payment amount for each discharge based on the Federal rate determined under §412.308(c) is determined under the following formula:

\[
\text{Payment} = \text{Federal rate} \times \text{DRG weight} \times \text{Geographic adjustment factor} \times \text{Large urban add-on} \times (1+\text{Capital disproportionate share adjustment factor} + \text{capital indirect medical education adjustment factor}) \times (\text{for hospitals located in Alaska and Hawaii, a cost-of-living adjustment factor}) + (\text{Any applicable outlier payment}).
\]

(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—(1) Local cost variation. A geographic adjustment factor is applied that takes into account geographic variation in costs.

(2) 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 offsets 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.


§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 (a)(1)(iii) of this section.

(3) For purposes of this section, the geographic classifications specified under §412.64 apply, except as provided for in paragraph (b)(3) of this section.

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

(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, 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 \(e^{(0.2025 \times \text{the hospital’s disproportionate patient percentage as determined under §412.106(b)(5)}, -1}\), 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.

§ 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:


§ 412.322 Indirect medical education adjustment factor.

(a) **Basic data.** CMS determines the following for each hospital:
§ 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 the same beginning date for all cost reporting periods beginning before October 1, 2000 (unless the hospital later changes its cost reporting period).


§ 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 periods covering at least 12 months that begins at least 1 year after the hospital accepts its first patient.

(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 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.
(i) **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.

(ii) **Disposal of assets subsequent to the base year.** If an asset for which the Medicare program had recognized depreciation during the base year is disposed of subsequent to the base year, the hospital-specific rate will not be revised to recognize the portion of the gain or loss allocated to the base year.

(2) **Discharges.** For the purpose of determining a hospital’s base period capital costs per discharge, a discharge includes discharges as defined in §412.4(a) and transfers as defined in §412.4(b)(2), adjusted by the transfer adjustment factor that is determined under paragraph (b)(3) of this section.

(3) **Transfer adjustment factor.**

(i) For base year cost reporting periods ending on or before December 31, 1990, CMS uses the base year MEDPAR data received as of June 30, 1991 to develop an adjustment to discharges to account for transfers. CMS divides the length of stay for each transfer case by the geometric mean length of stay for the DRG (but in no case using a number greater than 1.0) and assigns each non-transfer case a value of 1.0. To determine the transfer adjustment factor, CMS adds together the adjusted discharges and divides the result by total discharges including transfers.

(ii) For base year cost reporting periods ending after December 31, 1990 but beginning before October 1, 1991, CMS determines a transfer adjustment factor as described in paragraph (b)(3)(i) of this section for a hospital using the applicable base year MEDPAR data on file as of the December 31 or June 30 occurring at least 6 months after the close of the base year.

(iii) For base year cost reporting periods beginning on or after October 1, 1991, the intermediary determines the transfer-adjusted case-mix value based on the most recent billing data available as of the date of the final determination of the hospital’s transfer-adjusted case-mix value for the cost reporting period determined under paragraph (c)(3) of this section.

(4) **Case-mix adjustment.**

(i) **Determining transfer-adjusted case mix value.**

**Step 1:** For base year cost reporting periods ending on or before December 31, 1990, CMS uses the base year MEDPAR data received as of June 30, 1991 to determine the hospital’s transfer-adjusted case-mix value. For base year cost reporting periods ending after December 31, 1990 and beginning before October 1, 1991, CMS determines a transfer-adjusted case-mix value for a hospital using the applicable base year MEDPAR data on file as of the December 31 or June 30 occurring at least 6 months after the close of the base year.

Step 2: The products derived for all cases under Step 1 are added together and the result is divided by the adjusted discharges used to calculate the transfer adjustment factor determined under paragraph (b)(3) of this section.

(ii) **Adjusting base period capital costs per discharge by the hospital’s transfer-adjusted case-mix value.**

The intermediary divides the base period capital costs per discharge for each hospital as determined in paragraph (b) of this section by the hospital’s transfer-adjusted case-mix value for the cost reporting period determined under paragraph (c)(3) of this section.

(d) **Updating to FY 1992.** The intermediary updates the case-mix adjusted base period costs per discharge to FY 1992 based on the national average increase in Medicare inpatient capital costs per discharge as estimated by CMS, excluding the portion of the increase in capital costs per discharge attributable to changes in case mix.
(e) Hospital-specific rate. The intermediary determines the hospital-specific rate each year by adjusting the amount determined under paragraph (d) of this section by the following factors:

(1) Update factor. After FY 1992, the intermediary updates the hospital-specific rate in accordance with §412.308(c)(1).

(2) Exceptions payment adjustment factor. For FY 1992 through FY 2001, the intermediary reduces the updated amount determined in paragraph (d) of this section by an adjustment factor equal to the estimated additional payments for capital-related costs for exceptions under §412.348, determined as a proportion of the total amount of payments under the hospital-specific rate and Federal rate.

(3) Budget neutrality adjustment factor. For FY 1992 through FY 1995, the intermediary adjusts the updated amount determined in paragraph (d) of this section by a budget neutrality adjustment factor determined under §412.352.

(4) Payment for transfer cases. Effective FY 1996, the intermediary reduces the updated amount determined in paragraph (d) of this section by 0.28 percent to account for the effect of the revised policy for payment of transfers under §412.4(d).

(5) Reduction of rate: FY 1998. Effective FY 1998, the unadjusted hospital-specific rate as in effect on September 30, 1997 described in paragraph (e)(1) of this section is reduced by 15.68 percent.

(6) Reduction of rate: FY 1998 through FY 2002. For discharges occurring on or after October 1, 1997 through September 30, 2002, the unadjusted hospital-specific rate in effect on September 30, 1997, described in paragraph (e)(1) of this section is further reduced by 2.1 percent.

(f) Redetermination of hospital-specific rate—(1) General. (i) Upon request by a hospital, the intermediary redetermines the hospital-specific rate to reflect an increase in old capital costs as determined in a cost reporting period subsequent to the base year. An increase in Medicare old capital costs per discharge that is related solely to a decline in utilization is not recognized as an increase in old capital costs for purposes of this section. New capital costs are excluded from the redetermination of the hospital-specific rate.

(ii) The hospital may request redetermination for any cost reporting period beginning subsequent to the base period but no later than the later of the hospital’s cost reporting period beginning in FY 1994 or the cost reporting period beginning after obligated capital that is recognized as old capital under §412.302(b) is put in use.

(iii) The hospital must request a redetermination in writing no later than the date the cost report must be filed with the hospital’s intermediary for the first cost reporting period beginning or after October 1, 1991 or the cost reporting period that will serve as the new base period, whichever is later. The hospital’s redetermination request must include the cost report for the new base period and an estimate of the new base period rate indicating that the new rate exceeds the hospital’s current hospital-specific rate.

(2) Determination of old capital costs. The intermediary determines the hospital’s old capital costs for the subsequent cost reporting period that will serve as the new base period. The intermediary includes the costs of obligated capital that are recognized as old capital costs under §412.302(b), excludes the costs of assets disposed of subsequent to the initial base year, and reflects changes in allowable old capital costs occurring subsequent to the initial base period.

(3) Redetermined hospital-specific rate. The intermediary redetermines the hospital-specific rate based on the old capital costs that are determined under paragraph (f)(2) of this section for the new base period. The intermediary—

(i) Divides the hospital’s old capital costs for the new base period by the number of Medicare discharges in that cost reporting period (consistent with paragraph (b) of this section);

(ii) Divides the old capital costs per discharge by the hospital’s transfer adjusted case-mix value for the new base period (consistent with paragraph (c) of this section);

(iii) Applies an update factor, if appropriate, to account for inflation occurring subsequent to the new base
year, an exceptions payment adjustment factor, and a budget neutrality adjustment factor (consistent with paragraphs (d) and (e) of this section).

(4) Denial by intermediary. If the intermediary determines, after audit, that the revised hospital-specific rate is lower than the current hospital-specific rate, it advises the hospital that its request is denied and explains the basis for the denial.

(5) Implementation date. The redetermined hospital-specific rate applies to discharges occurring on or after the beginning date of the new base period.

(g) Review and revision of the hospital-specific rate—(1) Interim determination. The intermediary makes an interim determination of the hospital-specific rate based on the best data available and notifies the hospital at least 30 days before the beginning of the hospital’s first cost reporting period beginning on or after October 1, 1991.

(2) Final determination. (i) The intermediary makes a final determination of the hospital-specific rate based on the final settlement of the base period cost report.

(ii) The final determination of the hospital-specific rate is effective retroactively to the beginning of the hospital's first cost reporting period beginning on or after October 1, 1991 or, in the case of a redetermination of the hospital-specific rate under §412.328(f), to the beginning of the new base period.

(iii) The final determination of the hospital-specific rate is subject to administrative and judicial review in accordance with subpart R of part 405 of this chapter, governing provider reimbursement determinations and appeals.

(iv) The intermediary adjusts the hospital-specific rate to reflect any revisions that result from administrative or judicial review of the final determination of hospital-specific rate. The revised determination is effective retroactively to the same extent as in paragraph (g)(2)(ii) of this section.

§ 412.332 Payment based on the hospital-specific rate.

The payment amount for each discharge (as defined in § 412.4(a)) based on the hospital-specific rate determined under § 412.328 (e) or (f) is determined by multiplying the applicable hospital-specific rate by the DRG weighting factor applicable to the discharge under § 412.60 and the applicable hospital-specific rate percentage for the pertinent cost reporting period under § 412.340.

§ 412.336 Transition period payment methodologies.

(a) General. For discharges occurring in cost reporting periods beginning on or after October 1, 1991 and before October 1, 2001, a hospital is paid under one of two payment methodologies described in §§ 412.340 and 412.344. Except as provided under paragraph (b) of this section, a hospital is paid under the same methodology throughout the transition period.

(1) Hospital-specific rate below the Federal rate. A hospital with a hospital-specific rate below the Federal rate (after taking into account the estimated effect of the payment adjustments and outlier payments) is paid under the fully prospective payment methodology as described in § 412.340.

(2) Hospital-specific rate above the Federal rate. A hospital with a hospital-specific rate that is above the Federal
rate (after taking into account the estimated effect of the payment adjustments and outlier payments) is paid under the hold-harmless payment methodology as described in §412.344.

(b) Special rule for revised hospital-specific rate. If a hospital with a hospital-specific rate below the Federal rate requests that its hospital-specific rate be redetermined, the redetermined hospital-specific rate is compared to the Federal rate that is applicable to the new base period (after taking into account the estimated effect of the payment adjustments and outlier payments). If the redetermined hospital-specific rate is higher than the Federal rate, the hospital is paid under the hold-harmless methodology effective with the beginning of the new base period and continuing throughout the remainder of the transition.

(c) Interim and final determinations of applicable payment methodology—(1) Interim determination. The intermediary makes an interim determination of the applicable payment methodology based on the best data available and notifies the hospital of its determination at least 30 days before the beginning of the hospital's first cost reporting period beginning on or after October 1, 1991.

(2) Final determination. (i) The intermediary makes a final determination of the applicable payment methodology based on its final determination of the hospital's hospital-specific rate. The final determination of the applicable payment methodology is effective retroactively to the beginning of the hospital's first cost reporting period beginning on or after October 1, 1991.

(ii) If the hospital-specific rate is redetermined in accordance with §412.328(f), the intermediary makes a new determination of the applicable payment methodology. The new determination is effective retroactively to the beginning of the new base period.

(iii) If the hospital-specific rate is revised under §412.328(g) as a result of administrative or judicial review, the intermediary makes a new determination of the applicable payment methodology. The new determination is effective retroactively to the beginning of the hospital's first cost reporting period beginning on or after October 1, 1991 or to the beginning of the new base period.

(d) Special Rule for Redetermination of Hospital Payment Methodology. For cost reporting periods beginning on or after October 1, 1993, the intermediary redetermines the hospital payment methodologies to take into account the reduction to the standard Federal rate provided in §412.308(b)(2):

(1) For a hospital paid under the fully prospective payment methodology in the last hospital cost reporting period beginning before October 1, 1993, the intermediary compares the hospital's FY 1994 hospital-specific rate with the hospital's FY 1994 Federal rate (after taking into account the estimated effect of the payment adjustments and outlier payments).

(i) A hospital with a FY 1994 hospital-specific rate that is above the FY 1994 adjusted Federal rate is paid under the hold-harmless payment methodology described in §412.344.

(ii) Subject to the provisions of §412.328(f), a hospital with a FY 1994 hospital-specific rate that is below the FY 1994 adjusted Federal rate continues to be paid under the fully prospective payment methodology as described in §412.340.

(iii) The intermediary notifies the hospital of the new determination of the hospital's payment methodology within 90 days of the hospital's first cost reporting period beginning on or after October 1, 1993. The new determination is effective to the beginning of the hospital's first cost reporting period beginning on or after October 1, 1993.

(2) A hospital paid under the hold-harmless payment methodology in the last cost reporting period beginning before October 1, 1993, will continue to be paid in accordance with the provisions of §412.344.


§412.340 Fully prospective payment methodology.

A hospital paid under the fully prospective payment methodology receives a payment per discharge based on a proportion of the hospital-specific rate and the Federal rate as follows:
§ 412.344 Hold-harmless payment methodology.

(a) General. A hospital paid under the hold-harmless payment methodology receives a payment per discharge based on the higher of:

(1) 85 percent of reasonable costs for old capital costs (100 percent for sole community hospitals) plus an amount for new capital costs based on a proportion of the Federal rate. The proportion is equal to the ratio of the hospital’s Medicare inpatient costs for new capital to total Medicare inpatient capital costs; or

(2) 100 percent of the Federal rate.

(b) Exception. (i) A hospital that would receive higher payment under paragraph (a)(1) of this section may elect payment based on 100 percent of the Federal rate under paragraph (a)(2) of this section.

(ii) A hospital that does not maintain records that are adequate to identify its old capital costs is deemed to have elected payment per discharge based on 100 percent of the Federal rate under paragraph (a)(2) of this section.

(c) Basis of determination. The determination under paragraph (a) of this section regarding which payment alternative is applicable is made without regard to additional payments under the exceptions process under § 412.348.

(d) Interim and final payment determinations. (1) Using the best data available, the intermediary makes an interim payment determination under paragraph (a) of this section concerning the applicable payment alternative, and, in the case of payment under paragraph (a)(1) of this section, the payment amounts for old and new capital. The intermediary notifies the hospital of its determination at least 30 days before the beginning of the hospital’s first cost reporting period beginning on or after October 1, 1991. The intermediary may revise its determination based on additional information submitted by the hospital and make appropriate adjustments retroactively.

(2) The final determination of the amount payable under paragraph (a) of this section is based on final settlement of the Medicare cost report for the applicable cost reporting period and is effective retroactively to the beginning of that cost reporting period. This final determination is subject to administrative and judicial review in accordance with subpart R of part 405 of this chapter, governing provider reimbursement determinations and appeals.


§ 412.348 Exception payments.

(a) Definitions. As used in this section—

Annual operating expenses. Annual operating expenses means the sum of net expenses for all reimbursable cost centers for a 12 month cost reporting period. Annual operating expenses are obtained from the Medicare cost report.

Average age of fixed assets. The average age of fixed assets is the ratio of accumulated depreciation for buildings and fixed equipment to current depreciation expense for buildings and fixed equipment. The average age of fixed assets is determined from information on the Medicare cost report.

Fixed assets. Fixed assets mean buildings and fixed equipment.

(b) Criterion for additional payment during the transition period. An additional payment is made to a hospital paid under either the fully prospective payment methodology or the hold-
harmless payment methodology as determined under paragraph (c) of this section for cost reporting periods beginning on or after October 1, 1991 and before October 1, 2001.

(c) Minimum payment level by class of hospital. (1) CMS establishes a minimum payment level by class of hospital. The minimum payment level for a hospital will equal a fixed percentage of the hospital’s capital-related costs. The minimum payment levels may be no greater than the percentages of allowable capital-related costs that follow:

(i) 90 percent for sole community hospitals.
(ii) 80 percent for hospitals located in an urban area for purposes of §412.63(a) with at least 100 beds, as determined under §412.105(b), that have a disproportionate share patient percentage of at least 20.2 percent as determined under §412.106(b), and for hospitals located in an urban area for purposes of §412.63(a) with at least 100 beds that qualify for disproportionate share payments under §412.106(c)(2).
(iii) 70 percent for all other hospitals.

(2) When it is necessary to adjust the minimum payment levels set by class of hospitals specified in paragraphs (c)(1)(i) and (g)(6) of this section, CMS will adjust those levels for each class of hospitals in one percentage point increments as necessary to satisfy the requirement specified in paragraph (h) of this section that total estimated payments under the exception process not exceed 10 percent of the total estimated capital prospective payments (exclusive of hold-harmless payments for old capital) for the same fiscal year.

(d) Additional payments. A hospital is entitled to an additional payment if its capital payments for the cost reporting period would otherwise be less than the applicable minimum payment level. The additional payment equals the difference between the applicable minimum payment level and the capital payments that the hospital would otherwise receive minus any offset amount determined under paragraph (e)(2) of this section.

(e) Determining a hospital’s exception payment amount—(1) Cumulative comparison. For each cost reporting period beginning before October 1, 2001, the hospital’s exception payment is determined by comparing the cumulative payments made to the hospital under the capital prospective payment system to the cumulative minimum payment levels applicable to the hospital for each cost reporting period subject to the prospective payment system.

(2) Offsetting amounts. Any amount by which the hospital’s cumulative payments exceed its cumulative minimum payment levels is deducted from the additional payment that would otherwise be payable for a cost reporting period.

(f) Additional payment exception for extraordinary circumstances. (1) A hospital may request an additional payment if the hospital incurs unanticipated capital expenditures in excess of $5 million (net of proceeds from other payment sources such as insurance, litigation decisions and other State, local or Federal government funding programs) due to extraordinary circumstances beyond the hospital’s control. Extraordinary circumstances include, but are not limited to, a flood, fire, or earthquake.

(2) A hospital must apply to its CMS Regional Office by the later of October 1, 1992 or 180 days after the extraordinary circumstance causing the unanticipated expenditures for a determination by CMS of whether the hospital is eligible for an additional payment based on the nature of the circumstances and the amount of financial loss documented by the hospital.

(3) Except for sole community hospitals, the additional payment is based on a minimum payment amount of 85 percent for Medicare’s share of allowable capital-related costs attributable to the extraordinary circumstances. For sole community hospitals, the minimum payment amount is 100 percent.

(4) The minimum payment level applicable under paragraph (c)(1) of this section is adjusted to take into account the 85 percent minimum payment level (100 percent for sole community hospitals) under paragraph (f)(3) of this section for the unanticipated capital-related costs. The additional payment for the cost reporting period equals the difference between the adjusted minimum payment level and the
capital payments the hospital would otherwise receive less any offset amount determined under paragraph
(e)(2) of this section.

(g) Special exceptions process. For eligible hospitals that meet a project need requirement, a project size requirement, and, in the case of certain urban hospitals, meet an excess capacity test, an additional payment may be made for up to 10 years beyond the end of the capital prospective payment system transition period.

(1) Eligible hospitals. The following classes of hospitals are eligible to receive exceptions payments under this special exceptions provision:

(i) Sole community hospitals.

(ii) Hospitals located in an urban area under §412.63(a) with at least 100 beds, as determined under §412.105(b), that either have a disproportionate share of at least 20.2 percent as determined under §412.106(b) or qualify for disproportionate share payments under §412.106(c)(2).

(iii) Hospitals with a combined inpatient Medicare and Medicaid utilization of at least 70 percent.

(2) Project need requirement. A hospital must show that it has obtained any required approval from a State or local planning authority. If a hospital is not required to obtain approval from a planning authority, it must satisfy the age of asset test specified in paragraph (g)(3) of this section and, in the case of an urban hospital, the excess capacity test under paragraph (g)(4) of this section.

(3) Age of assets test. A hospital must show that its average age of fixed assets is at or above the 75th percentile for the hospital’s first cost reporting period beginning on or after October 1, 1991.

(4) Excess capacity test for urban hospitals. Urban hospitals that are not required to receive approval from a State or local planning authority must demonstrate that either—

(i) The overall average occupancy rate in its metropolitan statistical area is at least 80 percent; or

(ii) After completion of the project, its capacity is no more than 80 percent of its prior capacity (in terms of bed size).

(5) Project size requirement. A hospital must complete, during the period from the beginning of its first cost reporting period beginning on or after October 1, 1991 to the end of its last cost reporting period beginning before October 1, 2001, a project whose costs for replacement and/or renovation of fixed assets related to patient care are at least:

(i) $200 million; or

(ii) 100 percent of its operating cost during the first 12 month cost reporting period beginning on or after October 1, 1991.

(6) Minimum payment level. (i) The minimum payment level for qualifying hospitals will be 70 percent.

(ii) CMS will adjust the minimum payment level in one percentage point increments as necessary to satisfy the requirement specified in paragraph (h) of this section that total estimated payments under the exceptions process not exceed 10 percent of the total estimated capital prospective payment system payments for the same fiscal year.

(7) Limitation on the period for exception payments. A qualifying hospital may receive an exceptions payment for up to 10 years from the year in which it completes a project for replacement or renovation of capital assets that meets project need and project size requirements (and, if applicable, excess capacity test), provided that it completes the project no later than the end of the hospital’s last cost reporting period beginning before October 1, 2001. A project is considered to be completed when the assets are put into use for patient care.

(8) Determining a hospital’s exception payment amount—(i) Cumulative comparison. For each cost reporting period, the hospital’s exception payment is determined by comparing the cumulative payments made to the hospital under the capital prospective payment system to the cumulative minimum payment levels applicable to the hospital for each cost reporting period subject to the prospective payment system.

(ii) Offsetting amounts. Offsetting amounts are applied in the following order—(A) Any amount by which the hospital’s cumulative payments exceed its cumulative minimum payment levels is deducted from the additional
payment that would otherwise be payable for a cost reporting period.

(B) Any amount by which the hospital’s current year Medicare inpatient operating and capital prospective payment system payments (excluding, if applicable, 75 percent of the hospital’s operating prospective payment system disproportionate share payments) exceed its Medicare inpatient operating and capital costs is deducted from the additional payment that would otherwise be payable for the cost reporting period. For purposes of calculating the offset, payments and payments for services that are not subject to the hospital inpatient prospective payment system are excluded.

(9) Notification requirement. Eligible hospitals must submit documentation to the intermediary indicating the completion date of a project that meets the project need requirement under paragraph (g)(2) of this section, the project size requirement under paragraph (g)(5) of this section, and, in the case of certain urban hospitals, an excess capacity test under paragraph (g)(4) of this section, by the later of October 1, 2001 or within 3 months of the end of the hospital’s last cost reporting period beginning before October 1, 2001, during which a qualifying project was completed.

(h) Limit on exception payments. Total estimated payments under the exception process may not exceed 10 percent of the total estimated capital prospective payments (exclusive of hold-harmless payments for old capital) for the same fiscal year.


§ 412.352 Budget neutrality adjustment.

For FY 1992 through FY 1995, CMS will determine an adjustment to the hospital-specific rate and the Federal rate proportionately so that the estimated aggregate payments under this subpart for inpatient hospital capital costs each fiscal year will equal 90 percent of what CMS estimates would have been paid for capital-related costs on a reasonable cost basis under § 413.130 of this chapter.

§ 412.370 General provisions for hospitals located in Puerto Rico.

Except as provided in § 412.374, hospitals located in Puerto Rico are subject to the rules in this subpart governing the prospective payment system for inpatient hospital capital-related costs.

§ 412.374 Payments to hospitals located in Puerto Rico.

(a) FY 1998 through FY 2004. Payments for capital-related costs to hospitals located in Puerto Rico that are paid under the prospective payment system are equal to the sum of the following:

(1) 50 percent of the Puerto Rico capital rate based on data from Puerto Rico hospitals only, which is determined in accordance with procedures for developing the Federal rate; and

(2) 50 percent of the Federal rate, as determined under § 412.308.

(b) FY 2005 and FYs thereafter. For discharges occurring on or after October 1, 2004, payments for capital-related costs to hospitals located in Puerto Rico that are paid under the prospective payment system are equal to the sum of the following:

(1) 25 percent of the Puerto Rico capital rate based on data from Puerto Rico hospitals only, which is determined in accordance with procedures for developing the Federal rate; and

(2) 75 percent of the Federal rate, as determined under § 412.308.

(c) Effective for fiscal year 1998, the Puerto Rico capital rate described in paragraph (a) of this section in effect on September 30, 1997, is reduced by 15.68 percent.

(d) For discharges occurring on or after October 1, 1997 through September 30, 2002, the Puerto Rico capital rate described in paragraph (a) of this section in effect on September 30, 1997 is further reduced by 2.1 percent.