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State/Territory Name: MA

State Plan Amendment (SPA) #: 21-0037

This file contains the following documents in the order listed:

- 1) Approval Letter
- 2) CMS 179 Form/Summary Form (with 179-like data)
- 3) Approved SPA Pages

DEPARTMENT OF HEALTH & HUMAN SERVICES

Centers for Medicare & Medicaid Services
Center for Medicaid & CHIP Services
233 North Michigan Ave., Suite 600
Chicago, Illinois 60601



Financial Management Group

March 15, 2022

Marylou Sudders, Secretary
The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Office of Medicaid
One Ashburton Place, Room 1109
Boston, Massachusetts 02108

RE: Massachusetts State Plan Amendment (SPA) Transmittal Number 21-0037

Dear Secretary Sudders:

We have reviewed the proposed State Plan Amendment (SPA) to Attachment 4.19-B of Massachusetts's state plan, which was submitted to the Centers for Medicare & Medicaid Services (CMS) on December 30th, 2021. This plan amendment updates the methods and standards used to set payment rates for acute outpatient hospitals.

Based upon the information provided by the State, we have approved the amendment with an effective date of October 1st, 2021. We are enclosing the approved CMS-179 and a copy of the new state plan pages.

If you have any additional questions or need further assistance, please contact Jerica Bennett at 1-410-786-1167 or jerica.bennett@cms.hhs.gov.

Sincerely,



Todd McMillion
Director
Division of Reimbursement Review

Enclosures

**TRANSMITTAL AND NOTICE OF APPROVAL OF
STATE PLAN MATERIAL
FOR: CENTERS FOR MEDICARE & MEDICAID SERVICES**

1. TRANSMITTAL NUMBER

2 1 - 0 0 3 7

2. STATE

M A

3. PROGRAM IDENTIFICATION: TITLE XIX OF THE SOCIAL SECURITY ACT

TO: CENTER DIRECTOR
CENTERS FOR MEDICAID & CHIP SERVICES
DEPARTMENT OF HEALTH AND HUMAN SERVICES

4. PROPOSED EFFECTIVE DATE

10/01/2021

5. FEDERAL STATUTE/REGULATION CITATION

42 USC 1396a(a)(13); 42 CFR Part 447; 42 CFR 440.10

6. FEDERAL BUDGET IMPACT (Amounts in WHOLE dollars)

a. FFY 22 \$ 15,500,000

b. FFY 23 \$ 15,500,000

7. PAGE NUMBER OF THE PLAN SECTION OR ATTACHMENT

Attachment 4.19-B(1) pp. 1-41 & Exhibit 1 pp. 1-3

8. PAGE NUMBER OF THE SUPERSEDED PLAN SECTION OR ATTACHMENT (If Applicable)

Attachment 4.19-B(1) pp. 1-40 & Exhibit 1 pp. 1-3

9. SUBJECT OF AMENDMENT

An amendment to the rates for acute outpatient hospitals

10. GOVERNOR'S REVIEW (Check One)

- GOVERNOR'S OFFICE REPORTED NO COMMENT
 COMMENTS OF GOVERNOR'S OFFICE ENCLOSED
 NO REPLY RECEIVED WITHIN 45 DAYS OF SUBMITTAL

OTHER, ASSPECIFIED:

Not required under 42 CFR 430.12(b)(2)(i)

11. SIGNATURE OF STATE AGENCY OFFICIAL

[Redacted Signature]

15. RETURN TO

Commonwealth of Massachusetts
Executive Office of Health and Human Services
Office of Medicaid
One Ashburton Place, Room 1109
Boston, MA 02108

12. TYPED NAME
Marylou Sudders

13. TITLE
Secretary

14. DATE SUBMITTED
12/30/2021

FOR CMS USE ONLY

16. DATE RECEIVED
12/30/21

17. DATE APPROVED
March 15, 2022

PLAN APPROVED - ONE COPY ATTACHED

18. EFFECTIVE DATE OF APPROVED MATERIAL
10/01/21

19. SIGNATURE OF APPROVING OFFICIAL

[Redacted Signature]

20. TYPED NAME OF APPROVING OFFICIAL
Todd McMillion

21. TITLE OF APPROVING OFFICIAL
Director, Division of Reimbursement Review

22. REMARKS

State Plan Under Title XIX of the Social Security Act
State: Massachusetts
Methods Used to Determine Rates of Payment for Acute Outpatient Hospital Services

I. Introduction

A. Overview

This attachment describes methods used to determine rates of payment for acute outpatient hospital services for RY22.

1. Except as provided in subsection 2, below, for dates of service in RY22 (October 1, 2021 through September 30, 2022), in-state Hospitals will be paid in accordance with this Attachment for Outpatient Services provided at Hospital Outpatient Departments, and at those Hospital-Licensed Health Centers (HLHCs) and other Satellite Clinics that are provider-based in accordance with 42 CFR 413.65.
2. In-state Critical Access Hospitals will be paid in accordance with the methods set forth in **Exhibit 1**, which is attached hereto and incorporated by reference into this Attachment, for dates of service in RY22 beginning October 1, 2021 through September 30, 2022.
3. The supplemental payment methodologies specified in **Section III.F** are effective in RY22 beginning October 1, 2021 through September 30, 2022.
4. In-state Acute Hospitals are defined in **Section II**.
5. This **Section I.A.5** describes the payment methods to out-of-state acute outpatient hospitals for acute outpatient hospital services.
 - a. Except as provided in **subsections 5.c** and **5.d**, below, all out-of-state acute outpatient hospitals are paid utilizing an adjudicated payment per episode of care (APEC) payment methodology (“Out-of-State APEC”) as described in **subsection 5.b**, below, for APEC-covered services, and in accordance with the applicable MassHealth fee schedule for services for which in-state acute hospitals are not paid the APEC. “APEC-covered services” are outpatient services for which in-state acute hospitals are paid the APEC.
 - b. The Out-of-State APEC for each payable episode will equal the sum of (i) the episode-specific total EAPG payment and (ii) the APEC outlier component (if applicable), as further described in **subsections 5.b.(1) and (2)**, below. Components of the Out-of-State APEC that are based on the in-state method will simultaneously adjust effective with the 2nd RY22 Period (as defined in **Section II**) to reflect updates being implemented effective with the 2nd RY22 Period to the in-state method, as applicable.
 - (1) The “episode-specific total EAPG payment” is equal to the sum of all of the episode’s claim detail line EAPG payment amounts, where each claim detail line EAPG payment amount is equal to the product of the APEC Outpatient Statewide Standard in effect for in-state acute hospitals, and the claim detail line’s Adjusted EAPG Weight. The 3M EAPG Grouper’s discounting, consolidation and packaging logic is applied to each of the episode’s claim detail line’s MassHealth EAPG Weights to produce the claim detail line’s Adjusted EAPG Weight for this purpose.

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- (2) The “APEC outlier component” is equal to the Marginal Cost Factor in effect for in-state acute hospitals multiplied by the difference between the episode-specific case cost and the episode-specific outlier threshold. If the episode-specific case cost is less than the episode-specific outlier threshold, the APEC outlier component is \$0.
- (i) The “episode-specific case cost” is determined by multiplying the sum of the allowed charges for all of the claim detail lines with APEC-covered services in the episode that adjudicate to pay, by the applicable outpatient cost-to-charge ratio. For High MassHealth Volume Hospitals (as defined in **subsection 5.d**, below), the outpatient cost-to-charge ratio is hospital-specific. For all other out-of-state acute hospitals, the median in-state acute outpatient hospital cost-to-charge ratio in effect based on MassHealth episode volume is used.
 - (ii) The “episode-specific outlier threshold” is equal to the sum of the episode-specific total EAPG payment corresponding to the episode, and the Fixed Outpatient Outlier Threshold in effect for in-state acute hospitals.
 - (iii) An APEC outlier component is not payable if the episode-specific total EAPG payment is \$0.
- c. Out-of-state acute hospitals will be paid for APEC Carve-Out Drugs (as defined in **Section II**) in accordance with the payment method applicable to such drug as in effect for in-state acute hospitals on the date of service.
- d. If an inpatient service payable by MassHealth is not available in-state, payment for the related acute hospital outpatient services will be made at the rate of payment established for the medical service under the other state’s Medicaid program (or equivalent), or such other rate as MassHealth determines necessary to ensure member access to services. This provision does not apply to “High MassHealth Volume Hospitals”, which are defined as any out-of-state acute hospital that, during the most recent federal fiscal year for which complete data is available, had at least 100 MassHealth discharges.
- e. The payment methods in this **Section I.A.5** are the same for private and governmental providers.

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B. Non-Covered Services

The payment methods specified in this Attachment do not apply to the following Outpatient Hospital Services:

1. Behavioral Health Services for Members Enrolled with the Behavioral Health Contractor

MassHealth contracts with a Behavioral Health (BH) Contractor to provide Behavioral Health Services to Members enrolled with the BH Contractor.

Hospitals are not entitled to, and may not claim for, any payment from EOHHS for any services that are BH Contractor-covered services or are otherwise payable by the BH Contractor.

2. MCO Services

MassHealth contracts with Managed Care Organizations (MCOs) to provide medical services, including Behavioral Health Services, to Members enrolled with the MCO. Hospitals are not entitled to any payment from EOHHS, and may not claim such reimbursement for any services provided to Members enrolled with an MCO that are MCO-covered services or are otherwise reimbursable by the MCO.

3. Air Ambulance Services

In order to receive payment for air ambulance services, providers must have a separate contract with EOHHS for such services.

4. Ambulatory Services Not Governed by this Attachment

The following services provided by Hospitals to MassHealth Members on an outpatient basis are not paid pursuant to this Attachment: audiology dispensing, vision care dispensing, ambulance services, psychiatric day treatment, dental, early intervention, home health, adult day health and adult foster care, outpatient covered drugs processed through the MassHealth Pharmacy On-Line Processing System (POPS), and services of designated emergency mental health providers / emergency services programs (DEPs/ESPs).

5. Behavioral Health Diversionary Services

In order to receive reimbursement for Behavioral Health Diversionary Services, providers must have a separate contract with EOHHS for such services.

6. Injectable Materials or Biologicals Provided by the Massachusetts Department of Public Health at No Charge.

EOHHS will not pay for the cost of injectable materials or biologicals that a Hospital received from the Massachusetts Department of Public Health free of charge.

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II. Definitions

The definitions set forth in the “**1st RY22 Period**” column, below, apply during the **1st RY22 Period** (as defined below). The definitions set forth in the “**2nd RY22 Period**” column, below, apply during the **2nd RY22 Period** (as defined below), unless (i) that column specifies that there is no change to the definition, or (ii) for purposes of the APEC payment methodology set forth in **Section III.B**, the Episode’s first date of service for Emergency Department or Observation Services that extend past midnight occurred in the 1st RY21 Period, in which case, the definitions set forth in the **1st RY22 Period** column continue to apply.

<u>Defined Term</u>	<u>Definition Applicable During 1st RY22 Period</u>	<u>Definition Applicable During 2nd RY22 Period</u>
1st RY22 Period	The “1 st RY22 Period” is the portion of RY22 from October 1, 2021 through October 31, 2021.	No change to definition.
2nd RY22 Period	The “2 nd RY22 Period” is the portion of RY21 from November 1, 2021 through September 30, 2022.	No change to definition.
3M EAPG Grouper	The 3M Corporation’s EAPG Grouper version 3.14, configured for the MassHealth APEC payment method.	The 3M Corporation’s EAPG Grouper version 3.16, configured for the MassHealth APEC payment method.
Accountable Care Organization (ACO)	An entity that enters into a population-based payment model contract with EOHHS as an accountable care organization, wherein the entity is held financially accountable for the cost and quality of care for an attributed or enrolled member population. ACOs include Accountable Care Partnership Plans (ACPPs), Primary Care ACOs, and MCO-Administered ACOs.	No change to definition.
Accountable Care Partnership Plan (ACPP)	A type of ACO with which the MassHealth agency contracts under its ACO program to provide, arrange for, and coordinate care and certain other medical services to members on a capitated basis and which is approved by the Massachusetts Division of Insurance as a health-	No change to definition.

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<u>Defined Term</u>	<u>Definition Applicable During 1st RY22 Period</u>	<u>Definition Applicable During 2nd RY22 Period</u>
	maintenance organization (HMO), and which is organized primarily for the purpose of providing health care services.	
Acute Hospital	See Hospital.	No change to definition.
Actual Acquisition Cost	For purposes of Section III.E-1, the Hospital's "actual acquisition cost" of the Drug is the Hospital's invoice price for the Drug, net of all on- or off- invoice reductions, discounts, rebates, charge backs and similar adjustments that the Hospital has or will receive from the drug manufacturer or other party for the Drug that was administered to the Member during an Acute Outpatient Hospital visit, including any efficacy-, outcome-, or performance-based guarantee (or similar arrangements), whether received pre- or post-payment.	No change to definition.
Adjudicated Payment per Episode of Care (APEC)	A Hospital-specific, Episode-specific all-inclusive facility payment for all APEC-Covered Services provided by a Hospital to a Member on an outpatient basis in one Episode. The APEC is not payment for those outpatient services described in Sections I.B, III.C through III.E, III.E-1, and III.E-2. The APEC is calculated as set forth in Section III.B, utilizing the methodology applicable to the 1 st RY22 Period.	A Hospital-specific, Episode-specific all-inclusive facility payment for all APEC-Covered Services provided by a Hospital to a Member on an outpatient basis in one Episode. The APEC is not payment for those outpatient services described in Sections I.B, III.C through III.E, III.E-1, III.E-2, and III.E-3. The APEC is calculated as set forth in Section III.B, utilizing the methodology applicable to the 2 nd RY22 Period.
Adjusted EAPG Weight	The EAPG weight that is multiplied by the Hospital's Wage Adjusted APEC Outpatient Standard in determining each of the Episode's claim detail line EAPG payment	The EAPG weight that is multiplied by the Hospital's Wage Adjusted APEC Outpatient Standard in determining each of the Episode's claim detail line EAPG payment

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<u>Defined Term</u>	<u>Definition Applicable During 1st RY22 Period</u>	<u>Definition Applicable During 2nd RY22 Period</u>
	<p>amounts for purposes of calculating the Episode-Specific Total EAPG Payment, utilizing the methodology applicable to the 1st RY22 Period. The 3M EAPG Grouper’s discounting, consolidation and packaging logic is applied to each of the Episode’s claim detail line MassHealth EAPG Weights to produce the claim detail line’s Adjusted EAPG Weight, including as follows:</p> <ul style="list-style-type: none"> • consolidation is the collapsing of multiple identical or related significant procedure EAPGs into a single EAPG for payment purposes, with the additional procedures weighted at zero percent; • packaging applies to ancillary service EAPGs present with a significant procedure EAPG or medical visit EAPG, with the ancillary service EAPGs weighted at zero percent; • discounting applies to multiple unrelated significant procedures, repeat ancillary procedures, terminated procedures, and bilateral procedures. All discounting rates are 50%, with the exception of terminated procedures (75% of full weight) and the third and subsequent ancillary procedures (25% of full weight). 	<p>amounts for purposes of calculating the Episode-Specific Total EAPG Payment, utilizing the methodology applicable to the 2nd RY22 Period. The 3M EAPG Grouper’s discounting, consolidation and packaging logic is applied to each of the Episode’s claim detail line MassHealth EAPG Weights to produce the claim detail line’s Adjusted EAPG Weight, including as follows:</p> <ul style="list-style-type: none"> • consolidation is the collapsing of multiple identical or related significant procedure EAPGs into a single EAPG for payment purposes, with the additional procedures weighted at zero percent; • packaging applies to ancillary service EAPGs present with a significant procedure EAPG or medical visit EAPG, with the ancillary service EAPGs weighted at zero percent; • discounting applies to multiple unrelated significant procedures, repeat ancillary procedures, terminated procedures, and bilateral procedures. All discounting rates are 50%, with the exception of terminated procedures (75% of full weight) and the third and subsequent ancillary procedures (25% of full weight).
APEC Base Year	The APEC Base Year is FY14.	The APEC Base Year is CY19.

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<u>Defined Term</u>	<u>Definition Applicable During 1st RY22 Period</u>	<u>Definition Applicable During 2nd RY22 Period</u>
APEC Carve-Out Drugs	Drugs that are carved out of the APEC payment and separately paid pursuant to Section III.E-1 . APEC Carve-Out Drugs are identified on the MassHealth Acute Hospital Carve-Out Drugs List within the MassHealth Drug List.	No change to definition.
APEC-Covered Services	MassHealth-covered Outpatient Services provided by Hospital Outpatient Departments or Satellite Clinics, except those services described in Sections I.B, III.C through III.E, III.E-1, and III.E-2 .	MassHealth-covered Outpatient Services provided by Hospital Outpatient Departments or Satellite Clinics, except those services described in Sections I.B, III.C through III.E, III.E-1, III.E2, and III.E-3 .
APEC Outlier Component	A Hospital-specific, Episode-specific component of the APEC which is calculated by EOHHS as described in Section III.B.2.b , utilizing the methodology applicable to the 1 st RY22 Period, and added to the Episode-Specific Total EAPG Payment to result in the APEC for that Episode. The APEC Outlier Component may equal \$0.	A Hospital-specific, Episode-specific component of the APEC which is calculated by EOHHS as described in Section III.B.2.b , utilizing the methodology applicable to the 2 nd RY22 Period, and added to the Episode-Specific Total EAPG Payment to result in the APEC for that Episode. The APEC Outlier Component may equal \$0.
APEC Outpatient Statewide Standard	The APEC outpatient statewide standard determined by EOHHS as described in Section III.B.2.a(1)(a) and applicable to the 1 st RY22 Period.	The APEC outpatient statewide standard determined by EOHHS as described in Section III.B.2.a(1)(a) and applicable to the 2 nd RY22 Period.
Behavioral Health (BH) Contractor	The entity with which EOHHS contracts to provide, arrange for and coordinate Behavioral Health Services to enrolled Members on a capitated basis, and which meets the definition of prepaid inpatient health plan at 42 C.F.R. §438.2.	No change to definition.

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<u>Defined Term</u>	<u>Definition Applicable During 1st RY22 Period</u>	<u>Definition Applicable During 2nd RY22 Period</u>
Calendar Year (CY)	The time period of 12 months beginning on January 1 of any given year and ending on December 31 of the same year.	No change to definition.
Behavioral Health Diversionary Services	Mental health and substance use disorder services provided outside of the RFA as clinically appropriate alternatives to Behavioral Health Inpatient Services, to support an Enrollee returning to the community following a 24-hour acute placement, or to provide intensive support to maintain functioning in the community. There are two categories of Diversionary Services: those services which are provided in a 24-hour facility, and those services which are provided in a non-24-hour setting or facility.	No change to definition.
Behavioral Health Services (or Behavioral Health)	Services provided to Members who are being treated for psychiatric disorders or substance use disorders.	No change to definition.
Casemix	The description and categorization of a hospital's patient population including, but not limited to, primary and secondary diagnoses, primary and secondary procedures, illness severity, patient age and source of payment.	No change to definition.
Centers for Medicare & Medicaid Services (CMS)	The federal agency under the Department of Health and Human Services that is responsible for administering the Medicare and Medicaid programs.	No change to definition.

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<u>Defined Term</u>	<u>Definition Applicable During 1st RY22 Period</u>	<u>Definition Applicable During 2nd RY22 Period</u>
Community-Based Physician	Any physician or physician group practice, excluding interns, residents, fellows, and house officers, who is not a Hospital-Based Physician. For purposes of this definition and related provisions, the term physician includes dentists, podiatrists, and osteopaths.	No change to definition.
Contract	See RFA and Contract.	No change to definition.
Critical Access Hospital	An acute hospital that, prior to October 1, 2020, was designated by CMS as a Critical Access Hospital and that continues to maintain that status.	An acute hospital that, prior to October 1, 2021, was designated by CMS as a Critical Access Hospital and that continues to maintain that status.
Drugs	Drugs and biologics (including, e.g., cell and gene therapies), or any other similar substance containing one or more active ingredients in a specified form and strength. Each dosage form and strength is a separate Drug.	No change to definition.
Emergency Department	A Hospital's emergency room or level I trauma center which is located at the same site as the Hospital's inpatient facility or at a separate site included in the Hospital's DPH license.	No change to definition.
Enhanced Ambulatory Patient Group (EAPG)	A group of Outpatient Services that have been bundled for purposes of categorizing and measuring casemix. It is based on the 3M EAPG Grouper.	No change to definition.
Episode	All MassHealth-covered Outpatient Services, except those set forth in Sections I.B, III.C through III.E, III.E-1, and III.E-2, delivered to a MassHealth Member on a single	All MassHealth-covered Outpatient Services, except those set forth in Sections I.B, III.C through III.E, III.E-1, III.E-2, and III.E3, delivered to a MassHealth Member

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<u>Defined Term</u>	<u>Definition Applicable During 1st RY22 Period</u>	<u>Definition Applicable During 2nd RY22 Period</u>
	calendar day, or if the services extend past midnight in the case of Emergency Department or Observation Services, on consecutive days. Additionally, in limited circumstances, APEC-Covered Services delivered to a MassHealth Member during a second distinct and independent visit on the same calendar day may be considered a separate Episode for payment purposes if the services are for unrelated purposes and conditions as determined by EOHHS.	on a single calendar day, or if the services extend past midnight in the case of Emergency Department or Observation Services, on consecutive days. Additionally, in limited circumstances, APEC-Covered Services delivered to a MassHealth Member during a second distinct and independent visit on the same calendar day may be considered a separate Episode for payment purposes if the services are for unrelated purposes and conditions as determined by EOHHS.
Episode's Total Allowed Charges	The sum of the MassHealth allowed charges for all of the claim detail lines with APEC-Covered Services in an Episode that adjudicate to pay, as determined by EOHHS based on a properly submitted APEC claim.	No change to definition.
Episode-Specific Case Cost	The product of the Episode's Total Allowed Charges, and the Hospital's FY18 outpatient cost-to-charge ratio as calculated by EOHHS using the Hospital's FY18 Massachusetts Hospital cost report.	The product of the Episode's Total Allowed Charges, and the Hospital's FY19 outpatient cost-to-charge ratio as calculated by EOHHS using the Hospital's FY19 Massachusetts Hospital cost report.
Episode-Specific Outlier Threshold	The sum of the Episode-Specific Total EAPG Payment, as determined by EOHHS, and the Fixed Outpatient Outlier Threshold.	No change to definition.
Episode-Specific Total EAPG Payment	An Episode-specific payment amount, which summed with the APEC Outlier Component (as applicable) results in the APEC for that Episode. The Episode-Specific Total EAPG Payment is calculated as set forth in Section III.B.2.a.	An Episode-specific payment amount, which summed with the APEC Outlier component (as applicable) results in the APEC for that Episode. The Episode-Specific Total EAPG Payment is calculated as set forth in Section III.B.2.a.

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<u>Defined Term</u>	<u>Definition Applicable During 1st RY22 Period</u>	<u>Definition Applicable During 2nd RY22 Period</u>
	utilizing the methodology applicable to the 1 st RY22 Period.	utilizing the methodology applicable to the 2 nd RY22 Period.
Executive Office of Health and Human Services (EOHHS)	The single state agency that is responsible for the administration of the MassHealth Program, pursuant to M.G.L. c. 118E and Titles XIX and XXI of the Social Security Act and other applicable laws and waivers.	No change to definition.
Fiscal Year (FY)	The time period of 12 months beginning on October 1 of any calendar year and ending on September 30 of the immediately following calendar year. This period coincides with the federal fiscal year (FFY). FY22 begins on October 1, 2021 and ends on September 30, 2022.	No change to definition.
Fixed Outpatient Outlier Threshold	For the 1 st RY22 Period, the Fixed Outpatient Outlier Threshold for purposes of calculating the APEC Outlier Component is \$4,000.	For the 2 nd RY22 Period, the Fixed Outpatient Outlier Threshold for purposes of calculating the APEC Outlier Component is \$4,100.
Hospital	Any health care facility which: <ul style="list-style-type: none"> a. operates under a hospital license issued by the Massachusetts Department of Public Health (DPH) pursuant to M.G.L. c. 111 § 51; b. is Medicare certified and participates in the Medicare program; and c. has more than fifty percent (50%) of its beds licensed as medical/surgical, intensive care, coronary care, burn, pediatric (Level I or II), pediatric intensive care (Level III), 	No change to definition.

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<u>Defined Term</u>	<u>Definition Applicable During 1st RY22 Period</u>	<u>Definition Applicable During 2nd RY22 Period</u>
	maternal (obstetrics) or neonatal intensive care (Level III) beds, as determined by DPH and currently utilizes more than fifty percent (50%) of its beds exclusively as such, as determined by EOHHS.	
Hospital Based Physician	Any physician, or physician group practice, excluding interns, residents, fellows, and house officers, who contracts with a Hospital to provide Outpatient Hospital Services to Members at a site for which the Hospital is otherwise eligible for payment under the RFA. For purposes of this definition and related provisions, the term physician includes dentists, podiatrists and osteopaths. Nurse practitioners, nurse midwives, physician assistants, and other allied health professionals are not Hospital-Based Physicians.	No change to definition.
Hospital Licensed Health Center (HLHC)	A Satellite Clinic that (1) meets MassHealth requirements for payment as a HLHC as provided at 130 CMR 410.413; and (2) is approved by and enrolled with MassHealth as a HLHC.	No change to definition.
Inflation Factors for Operating Costs	For price changes between RY14 and RY21, a blend of the Center for Medicare and Medicaid Services (CMS) market basket and the Massachusetts Consumer Price Index (CPI) in which the CPI replaces the labor-related component of the CMS market basket to reflect conditions in the Massachusetts economy. The	For price changes between RY14 and RY22, a blend of the Center for Medicare and Medicaid Services (CMS) market basket and the Massachusetts Consumer Price Index (CPI) in which the CPI replaces the labor-related component of the CMS market basket to reflect conditions in the Massachusetts economy. The

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	<p>Inflation Factors for Operating Costs between RY14 and RY21 are as follows:</p> <ul style="list-style-type: none"> • 1.611% reflects the price changes between RY14 and RY15. • 1.573% reflects the price changes between RY15 and RY16. • 1.937% reflects the price changes between RY16 and RY17. • 2.26% reflects the price changes between RY17 and RY18. • 2.183% reflects the price changes between RY18 and RY19. • 2.236% reflects the price changes between RY19 and RY20. • 1.854% reflects the price changes between RY20 and RY21. 	<p>Inflation Factors for Operating Costs between RY14 and RY22 are as follows:</p> <ul style="list-style-type: none"> • 1.611% reflects the price changes between RY14 and RY15. • 1.573% reflects the price changes between RY15 and RY16. • 1.937% reflects the price changes between RY16 and RY17. • 2.26% reflects the price changes between RY17 and RY18. • 2.183% reflects the price changes between RY18 and RY19. • 2.236% reflects the price changes between RY19 and RY20. • 1.854% reflects the price changes between RY20 and RY21. • 1.433% reflects the price changes between RY21 and RY22.
Managed Care Organization (MCO)	<p>Any entity with which EOHHS contracts to provide primary care and certain other medical services, including Behavioral Health Services, to Members on a capitated basis and which meets the definition of an MCO at 42 CFR § 438.2. For clarity purposes, MCOs also include Accountable Care Partnership Plans (ACPPs).</p>	<p>No change to definition.</p>
Marginal Cost Factor	<p>As used in the calculation of the APEC Outlier Component, the percentage of payment made for the difference between the Episode-Specific Case Cost and the Episode-Specific Outlier Threshold. For the 1st RY22 Period, the Marginal Cost Factor is 60%.</p>	<p>As used in the calculation of the APEC Outlier Component, the percentage of payment made for the difference between the Episode-Specific Case Cost and the Episode-Specific Outlier Threshold. For the 2nd RY22 Period, the Marginal Cost Factor is 60%.</p>

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<u>Defined Term</u>	<u>Definition Applicable During 1st RY22 Period</u>	<u>Definition Applicable During 2nd RY22 Period</u>
<p>Massachusetts-specific Wage Area Index</p>	<p>Each wage area's Wage Index is the average hourly wage divided by the statewide average hourly wage. Massachusetts Hospitals' wages and hours were determined based on CMS's FY2021-April-30-2020-Wage-Index-PUF zip file, downloaded May 1, 2020 from the CMS web site at www.cms.hhs.gov (the "CMS File"). Each Hospital was assigned to a wage area according to the same CMS File, except that:</p> <ul style="list-style-type: none"> • Brigham and Women's Hospital and Massachusetts General Hospital were assigned to the Boston wage area and their wages and hours included in the Boston area; • The following four hospitals were redesignated as follows: <ul style="list-style-type: none"> ○ Baystate Medical Center from Springfield to Worcester, ○ Lahey Hospital and Medical Center from Cambridge-Newton-Framingham to Boston, ○ Saint Vincent Hospital from Worcester to Boston, and ○ The University of Massachusetts Memorial Medical Center from Worcester to Boston; and • PPS-exempt hospitals were assigned to the wage area in which their main campus is located, as determined by EOHHS from the hospital's license (PPS-exempt hospitals are not included in the CMS File). 	<p>Each wage area's Wage Index is the average hourly wage divided by the statewide average hourly wage. Massachusetts Hospitals' wages and hours were determined based on CMS's FY2022-April-30-2021-Wage-Index-PUF zip file, downloaded May 20, 2021 from the CMS web site at www.cms.hhs.gov (the "CMS File"). Each Hospital was assigned to a wage area according to CMS's FY 2021 IPPS FR and CN Impact File from the CMS web site at https://www.cms.gov/medicare/acute-inpatient-pps/fy-2021-ipp-ss-final-rule-home-page (FY2021 Impact File), except that:</p> <ul style="list-style-type: none"> • Brigham and Women's Hospital and Massachusetts General Hospital were assigned to the Boston wage area and their wages and hours included in the Boston area; • The following four hospitals were redesignated as follows: <ul style="list-style-type: none"> ○ Baystate Medical Center from Springfield to Worcester, ○ North Shore Medical Center from Cambridge-Newton-Framingham to Boston, ○ Beverly Hospital from Cambridge-Newton-Framingham to Boston, and ○ Southcoast Hospitals Group from Providence-Warwick to Boston; and • PPS-exempt hospitals were assigned to the wage area in

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<u>Defined Term</u>	<u>Definition Applicable During 1st RY22 Period</u>	<u>Definition Applicable During 2nd RY22 Period</u>
	<p>The area's wage index is the Massachusetts-specific wage area index for each Hospital assigned to the area, except for any Hospital that was redesignated to a different wage area in a written decision from CMS to the Hospital provided to EOHHS by June 17, 2020. For any such redesignated Hospital, its Massachusetts-specific wage area index was calculated based on the wages and hours, determined from the CMS File, of (i) the redesignated hospital, (ii) all other hospitals redesignated to that same area, and (iii) all hospitals assigned to that area, combined.</p>	<p>which their main campus is located, as determined by EOHHS from the hospital's license (PPS-exempt hospitals are not included in the FY2021 Impact File).</p> <p>The area's wage index is the Massachusetts-specific wage area index for each Hospital assigned to the area, except for any Hospital that was redesignated to a different wage area in a written decision from CMS to the Hospital provided to EOHHS by March 5, 2021. For any such redesignated Hospital, its Massachusetts-specific wage area index was calculated based on the wages and hours, determined from the CMS File, of (i) the redesignated hospital, (ii) all other hospitals redesignated to that same area, and (iii) all hospitals assigned to that area, combined.</p>
MassHealth (also referred to as Medicaid)	<p>The Medical Assistance Program administered by EOHHS to furnish and pay for medical services pursuant to M.G.L. c. 118E, Titles XIX and XXI of the Social Security Act, and any approved waivers of such provisions.</p>	<p>No change to definition.</p>
MassHealth EAPG Weight	<p>The MassHealth relative weight developed by EOHHS for each unique EAPG, as applicable to the 1st RY22 Period.</p>	<p>The MassHealth relative weight developed by EOHHS for each unique EAPG, as applicable to the 2nd RY22 Period.</p>
Member	<p>A person determined by EOHHS to be eligible for medical assistance under the MasHealth program.</p>	<p>No change to definition.</p>

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<u>Defined Term</u>	<u>Definition Applicable During 1st RY22 Period</u>	<u>Definition Applicable During 2nd RY22 Period</u>
Observation Services	Outpatient Hospital Services provided anywhere in an Acute Hospital (a) to evaluate a Member's condition and determine the need for admission to an Acute Hospital, or (b) to assess or monitor the Member on the Hospital's premises following a discharge from a COVID-19-related Acute Inpatient Hospital admission, prior to relocating the Member home or to another non-hospital setting. Observation Services are provided under the order of a physician, consist of the use of a bed and intermittent monitoring by professional licensed clinical staff, and may be provided for more than 24 hours.	No change to definition.
Outpatient Department (also referred to as Hospital Outpatient Department)	A department or unit located at the same site as the Hospital's inpatient facility, or a School-Based Health Center that operates under the Hospital's license and provides services to Members on an ambulatory basis. Hospital Outpatient Departments include day surgery units, primary care clinics, specialty clinics and Emergency Departments.	No change to definition.
Outpatient Services (also Outpatient Hospital Services)	Preventive, diagnostic, therapeutic or palliative services provided to a Member on an outpatient basis, by or under the direction of a physician or dentist, in a Hospital Outpatient Department, Hospital-Licensed Health Center or other Satellite Clinic. Such services include, but are not limited to, emergency services, primary care services, Observation Services, ancillary services, day surgery services, and recovery room	No change to definition.

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	services. Payment rules regarding Outpatient Services are found in 130 CMR Parts 410 and 450, Appendix E to the MassHealth Acute Outpatient Hospital Manual, MassHealth billing instructions and the RFA.	
PAPE Covered Services	MassHealth-covered Outpatient Services provided by Hospital Outpatient Departments or Satellite Clinics that were paid utilizing the PAPE payment methodology under prior Acute Outpatient Hospital SPAs (including SPA 016-016 for the period up through December 29, 2016).	No change to definition.
Payment Amount Per Episode (PAPE)	An outpatient payment methodology that was utilized in prior Acute Outpatient Hospital SPAs. The PAPE was a fixed Hospital-specific all-inclusive facility payment that was made for all PAPE Covered Services provided by a Hospital to a MassHealth Member on an outpatient basis in one Episode (as defined in prior Acute Outpatient Hospital SPAs, including SPA 016-016 for the RY17 period up through December 29, 2016), with the exception of those services that were excluded from the PAPE payment methodology as described in those prior SPAs. The PAPE methodology was replaced by the APEC payment methodology during RY17, effective with dates of service on or after December 30, 2016.	No change to definition.
Primary Care ACO	A type of ACO with which the MassHealth agency contracts under its ACO program.	No change to definition.

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<u>Defined Term</u>	<u>Definition Applicable During 1st RY22 Period</u>	<u>Definition Applicable During 2nd RY22 Period</u>																																								
Primary Care Clinician Plan (PCC Plan)	A comprehensive managed care plan, administered by EOHHS, through which enrolled MassHealth Members receive primary care, behavioral health, and other medical services.	No change to definition.																																								
Rate Year (RY)	<p>Generally, a twelve month period beginning October 1 and ending the following September 30. For specific rate years, refer to the following table:</p> <table border="1"> <thead> <tr> <th>Rate Year*</th> <th>Dates</th> </tr> </thead> <tbody> <tr><td>RY04</td><td>10/1/2003 – 9/30/2004</td></tr> <tr><td>RY05</td><td>10/1/2004 – 9/30/2005</td></tr> <tr><td>RY06</td><td>10/1/2005 – 9/30/2006</td></tr> <tr><td>RY07</td><td>10/1/2006 – 10/31/2007</td></tr> <tr><td>RY08</td><td>11/1/2007 – 9/30/2008</td></tr> <tr><td>RY09</td><td>10/1/2008 – 10/31/2009</td></tr> <tr><td>RY10</td><td>11/1/2009 – 11/30/2010</td></tr> <tr><td>RY11</td><td>12/01/2010 – 09/30/2011</td></tr> <tr><td>RY12</td><td>10/01/2011 – 9/30/2012</td></tr> <tr><td>RY13</td><td>10/01/2012 – 09/30/2013</td></tr> <tr><td>RY14</td><td>10/1/2013 – 09/30/2014</td></tr> <tr><td>RY15</td><td>10/1/2014 – 9/30/2015</td></tr> <tr><td>RY16</td><td>10/1/2015 – 9/30/2016</td></tr> <tr><td>RY17</td><td>10/1/2016 – 9/30/2017</td></tr> <tr><td>RY18</td><td>10/1/2017 – 9/30/2018</td></tr> <tr><td>RY19</td><td>10/1/2018 – 9/30/2019</td></tr> <tr><td>RY20</td><td>10/1/2019 – 9/30/2020</td></tr> <tr><td>RY21</td><td>10/1/2020 – 9/30/2021</td></tr> <tr><td>RY22</td><td>10/1/2021 – 09/30/2022</td></tr> </tbody> </table> <p>*In future rate years, Hospitals will be paid in accordance with this Attachment (until amended).</p>	Rate Year*	Dates	RY04	10/1/2003 – 9/30/2004	RY05	10/1/2004 – 9/30/2005	RY06	10/1/2005 – 9/30/2006	RY07	10/1/2006 – 10/31/2007	RY08	11/1/2007 – 9/30/2008	RY09	10/1/2008 – 10/31/2009	RY10	11/1/2009 – 11/30/2010	RY11	12/01/2010 – 09/30/2011	RY12	10/01/2011 – 9/30/2012	RY13	10/01/2012 – 09/30/2013	RY14	10/1/2013 – 09/30/2014	RY15	10/1/2014 – 9/30/2015	RY16	10/1/2015 – 9/30/2016	RY17	10/1/2016 – 9/30/2017	RY18	10/1/2017 – 9/30/2018	RY19	10/1/2018 – 9/30/2019	RY20	10/1/2019 – 9/30/2020	RY21	10/1/2020 – 9/30/2021	RY22	10/1/2021 – 09/30/2022	No change to definition.
Rate Year*	Dates																																									
RY04	10/1/2003 – 9/30/2004																																									
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RFA and Contract	The Request for Applications and the agreement executed between each selected Hospital and EOHHS that incorporates all of the provisions of the RFA.	No change to definition.																																								

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<u>Defined Term</u>	<u>Definition Applicable During 1st RY22 Period</u>	<u>Definition Applicable During 2nd RY22 Period</u>
Satellite Clinic	A facility that operates under a Hospital's license, is subject to the fiscal, administrative, and clinical management of the Hospital, provides services to Members solely on an outpatient basis, is not located at the same site as the Hospital's inpatient facility, and demonstrates to EOHHS's satisfaction that it has CMS provider-based status in accordance with 42 CFR 413.65.	No change to definition.
School-Based Health Center (SBHC)	A center located in a school setting which: (1) provides health services to MassHealth Members under the age of 21; (2) operates under a Hospital's license; (3) is subject to the fiscal, administrative, and clinical management of a Hospital Outpatient Department or HLHC; and (4) provides services to Members solely on an outpatient basis.	No change to definition.
Usual and Customary Charges	Routine fees that Hospitals charge for Outpatient Services rendered to patients regardless of payer sources.	No change to definition.
Wholesale Acquisition Cost (WAC)	The wholesale acquisition cost (WAC) of the Drug as published by First Data Bank or other national price compendium designated by EOHHS.	No change to definition.

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III. Payment for Outpatient Services

A. Overview

Except as otherwise provided for Outpatient Services specified in Sections I.B, III.C through III.E, III.E-1, III.E-2, III.E-3, and in Exhibit 1, Hospitals will receive a Hospital-specific, Episode-specific payment for each Episode known as the Adjudicated Payment per Episode of Care (APEC), calculated as set forth in Section III.B, below. This payment methodology is applicable to all public and private providers.

Except as otherwise provided for medically necessary services to a MassHealth Standard or CommonHealth member under 21, hospitals will not be paid for Outpatient Hospital Services specified as non-payable in Subchapter 6 of the MassHealth Acute Outpatient Hospital Manual.

For dates of service in RY22 beginning October 1, 2021 through September 30, 2022, Critical Access Hospitals are paid in accordance with Exhibit 1.

B. Adjudicated Payment per Episode of Care (APEC)

1. Rate Year 2022 APEC Payment Methodology

RY22 is bifurcated into the 1st RY22 Period and the 2nd RY22 Period for purposes of applying the APEC payment methodology. The APEC methodology is set forth in Section III.B.2, below. The “1st RY22 Period” column applies to dates of service in the 1st RY22 Period, and incorporates applicable definitions in Section II that apply to the 1st RY22 Period. The “2nd RY22 Period” column applies to dates of service in the 2nd RY22 Period, and incorporates applicable definitions in Section II that apply to the 2nd RY22 Period. As an exception, for Episodes that extend past midnight in the case of Emergency Department or Observation Services, if the Episode’s first date of service occurs in the 1st RY22 Period, then the 1st RY22 Period APEC methodology applies to the entire Episode.

1st RY22 Period (for dates of service in the 1st RY22 Period)	2nd RY22 Period (for dates of service in the 2nd RY22 Period)
<p>2. Description of APEC payment method Hospitals will receive a Hospital-specific, Episode-specific all-inclusive facility payment for each payable Episode known as the APEC. The APEC will equal the sum of (1) the Episode-Specific Total EAPG Payment, plus (2), if applicable, an APEC Outlier Component, as further described below.</p>	<p>2. Description of APEC payment method Hospitals will receive a Hospital-specific, Episode-specific all-inclusive facility payment for each payable Episode known as the APEC. The APEC will equal the sum of (1) the Episode-Specific Total EAPG Payment, plus (2), if applicable, an APEC Outlier Component, as further described below.</p>
<p>a. Episode-Specific Total EAPG Payment. For each claim detail line containing APEC-</p>	<p>a. Episode-Specific Total EAPG Payment. For each claim detail line containing APEC-</p>

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<p>Covered Services in the Episode, the APEC Outpatient Statewide Standard (as described below) is multiplied by the claim detail line's Adjusted EAPG Weight (as described below) to result in the claim detail line's EAPG payment amount. The sum of all of the Episode's claim detail line EAPG payment amounts is the Episode-Specific Total EAPG Payment.</p>	<p>Covered Services in the Episode, the Hospital's Wage Adjusted APEC Outpatient Standard (as described below) is multiplied by the claim detail line's Adjusted EAPG Weight (as described below) to result in the claim detail line's EAPG payment amount. The sum of all of the Episode's claim detail line EAPG payment amounts is the Episode-Specific Total EAPG Payment.</p>
<p>(1) Wage Adjusted APEC Outpatient Standard. The Wage Adjusted APEC Outpatient Standard is the APEC Outpatient Statewide Standard, adjusted by the Hospital's Massachusetts-specific Wage Area Index, as further described below.</p> <p>(a) APEC Outpatient Statewide Standard.</p> <p>The APEC Outpatient Statewide Standard is based on the average outpatient cost per Episode for all Hospitals' Episodes in the APEC Base Year, adjusted for wage area index, casemix, an efficiency standard, an outlier adjustment factor, inflation, and a conversion factor, as further described below.</p> <p>For each Hospital, an average outpatient cost per Episode for the APEC Base Year was calculated by multiplying the Hospital's outpatient cost-to-charge ratio (CCR) by the Hospital's MassHealth allowed outpatient charges for all PAPE paid Episodes (which product is the Hospital's total costs), and then dividing this product by the Hospital's total Episodes. The Hospital's CCR was calculated based on the Hospital's FY14 -</p>	<p>(1) Wage Adjusted APEC Outpatient Standard. The Wage Adjusted APEC Outpatient Standard is the APEC Outpatient Statewide Standard, adjusted by the Hospital's Massachusetts-specific Wage Area Index, as further described below.</p> <p>(a) APEC Outpatient Statewide Standard.</p> <p>The APEC Outpatient Statewide Standard is based on the average outpatient cost per Episode for all Hospitals' Episodes in the APEC Base Year, adjusted for wage area index, casemix, an efficiency standard, an outlier adjustment factor, inflation, and a conversion factor, as further described below.</p> <p>For each Hospital, an average outpatient cost per Episode for the APEC Base Year was calculated by multiplying the Hospital's outpatient cost-to-charge ratio (CCR) by the Hospital's MassHealth allowed outpatient charges for all CY19 APEC paid Episodes (which product is the Hospital's total costs), and then dividing this product by the Hospital's total Episodes. Each Hospital's CCR was calculated by EOHHS using the Hospital's</p>

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<p>403 cost report, and Hospital-specific Episodes and charges were based on paid claims for Episodes residing in MMIS for the APEC Base Year, for which MassHealth was primary payer.</p> <p>The labor portion of the average outpatient cost per Episode for each Hospital was adjusted by the Hospital's Massachusetts-specific Wage Area Index, as defined in Section II, and the labor and non-labor portions were then adjusted by the Hospital-Specific Outpatient Casemix Index (Outpatient CMI) to determine the Hospital's standardized cost per Episode.</p> <p>The Hospital-specific Outpatient CMI was determined based on PAPE paid claims residing in MMIS for the APEC Base Year for which MassHealth was primary payer. For each Hospital and month of the APEC Base Year, an average EAPG weight per Episode was determined by assigning individual EAPGs and associated MassHealth-developed weights, as adjusted by EOHHS, to the Hospital's PAPE paid claims for the month (using the 3M EAPG Grouper), summing the individual EAPG weights together, and dividing that sum by the number of Episodes. The sum of the Hospital's twelve monthly average EAPG weights per Episode for the APEC Base Year, divided by 12 is the Hospital-Specific Outpatient CMI.</p> <p>All Hospitals were then ranked from lowest to highest with respect to their standardized costs per Episode. A cumulative frequency of FY19 MassHealth Episodes for the Hospitals</p>	<p>FY19 cost report. The Hospital-specific Episodes and related charges were determined by EOHHS based on paid claims for Episodes residing in MMIS as of July 21, 2021, for the APEC Base Year, for which MassHealth was primary payer. The labor portion of the average outpatient cost per Episode for each Hospital was adjusted by the Hospital's Massachusetts-specific Wage Area Index, as defined in Section II, and the labor and non-labor portions were then adjusted by the Hospital-Specific CY19 Outpatient Casemix Index (Outpatient CMI) to determine the Hospital's standardized cost per Episode.</p> <p>The Hospital-specific CY19 Outpatient CMI was determined based on CY19 paid claims data residing in MMIS as of July 21, 2021, for which MassHealth was primary payer. EOHHS calculated each Hospital's CY19 Outpatient CMI by summing the Hospital's CY19 grouper-adjusted EAPG weights for each of its APEC-paid Episodes during CY19, as determined by EOHHS, and then dividing that sum by the Hospital's total number of APEC-paid Episodes in CY19, also as determined by EOHHS.</p> <p>All Hospitals were then ranked from lowest to highest with respect to their standardized costs per Episode. A cumulative frequency of CY19 MassHealth Episodes for the Hospitals was produced from MMIS paid claims on file as of July 21, 2021, for which MassHealth was the primary payer, and an efficiency standard established at the cost per Episode corresponding to the position on the cumulative frequency that represents 60% of the total number of statewide Episodes in MMIS. The APEC efficiency standard applicable to the 2nd RY22 Period</p>

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<p>1st RY22 Period (for dates of service in the 1st RY22 Period)</p>	<p>2nd RY22 Period (for dates of service in the 2nd RY22 Period)</p>
<p>was produced from paid claims in MMIS for which MassHealth was primary payer, and an efficiency standard established at the cost per Episode corresponding to the position on the cumulative frequency that represents 60% of the total number of statewide Episodes in MMIS. The APEC efficiency standard applicable to the 1st RY22 Period is \$701.63.</p> <p>The APEC Outpatient Statewide Standard was then determined by multiplying (a) the weighted mean of the standardized costs per Episode, as limited by the efficiency standard; by (b) the outlier adjustment factor of 95%; and by (c) the Inflation Factors for Operating Costs between RY14 and RY21, and then dividing that result by a conversion factor of 1.111. The APEC Outpatient Statewide Standard applicable to the 1st RY22 Period is \$639.69.</p> <p>(b) Wage Adjusted APEC Outpatient Standard</p> <p>The Hospital's Wage Adjusted APEC Outpatient Standard is determined by (1) multiplying the labor portion of the APEC Outpatient Statewide Standard by the Hospital's Massachusetts-specific Wage Area Index (as defined in Section II), and (2) adding this amount to the non-labor portion of the APEC Outpatient Statewide Standard. For this purpose, the Hospital's Massachusetts-specific wage area index which was multiplied by the labor portion of the APEC Outpatient Statewide Standard was derived as specified in Section III.B.2.a.1.</p>	<p>is \$811.85The APEC Outpatient Statewide Standard was then determined by multiplying (a) the weighted mean of the standardized costs per Episode, as limited by the efficiency standard; by (b) the outlier adjustment factor of 93%; and by (c) the Inflation Factors for Operating Costs between RY19 and RY22, and then dividing that result by a conversion factor of 1.144. The APEC Outpatient Statewide Standard applicable to the 2nd RY22 Period is \$646.24.</p> <p>(b) Wage Adjusted APEC Outpatient Standard</p> <p>Except as otherwise provided in this section, the Hospital's Wage Adjusted APEC Outpatient Standard is determined by (1) multiplying the labor portion of the APEC Outpatient Statewide Standard by the Hospital's Massachusetts-specific Wage Area Index (as defined in Section II), and (2) adding this amount to the non-labor portion of the APEC Outpatient Statewide Standard. For this purpose, the Hospital's Massachusetts-specific wage area index which was multiplied by the labor portion of the APEC Outpatient Statewide Standard was derived as specified in Section III.B.2.a.1.</p> <p>For the Hospital that is a PPS-exempt cancer hospital under 42 CFR 412.23(f), the Hospital's Wage Adjusted APEC Outpatient Standard will be \$830.90.</p> <p>For the Acute Hospitals identified as Group 1 safety net hospitals in Appendix N to the MassHealth 1115 waiver, the Wage</p>

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<p>1st RY22 Period (for dates of service in the 1st RY22 Period)</p>	<p>2nd RY22 Period (for dates of service in the 2nd RY22 Period)</p>
<p>For the Hospital that is a PPS-exempt cancer hospital under 42 CFR 412.23(f), the Hospital's Wage Adjusted APEC Outpatient Standard will be \$825.13.</p> <p>For the Acute Hospitals identified as Group 1 safety net hospitals in Appendix N to the MassHealth 1115 waiver, the Wage Adjusted APEC Outpatient Standard will be as follows:</p> <ul style="list-style-type: none"> • Group 1 Hospitals that are High Medicaid Volume Safety Net Hospitals (Boston Medical Center): \$702.71 • Group 1 Hospitals that are not High Medicaid Volume Safety Net Hospitals and whose wage area is Boston (Brockton Hospital, Carney Hospital): \$731.71 • Group 1 Hospitals that are not High Medicaid Volume Safety Net Hospitals and whose wage area is Springfield (Holyoke Medical Center, Mercy Hospital): \$654.30 • Group 1 Hospitals that are not High Medicaid Volume Safety Net Hospitals and whose wage area is Cambridge-Newton-Framingham (Lawrence General Hospital): \$686.54 	<p>Adjusted APEC Outpatient Standard will be as follows:</p> <ul style="list-style-type: none"> • Group 1 Hospitals that are High Medicaid Volume Safety Net Hospitals (Boston Medical Center): \$708.68 • Group 1 Hospitals that are not High Medicaid Volume Safety Net Hospitals and whose wage area is Boston (Brockton Hospital, Carney Hospital): \$737.68 • Group 1 Hospitals that are not High Medicaid Volume Safety Net Hospitals and whose wage area is Springfield (Holyoke Medical Center, Mercy Hospital): \$649.55 • Group 1 Hospitals that are not High Medicaid Volume Safety Net Hospitals and whose wage area is Cambridge-Newton-Framingham (Lawrence General Hospital): \$698.17
<p>(2) Claim Detail Line's "Adjusted EAPG Weight." EAPGs are assigned to the Episode's APEC-Covered Services based on information contained within a properly submitted Hospital claim.</p>	<p>(2) Claim Detail Line's "Adjusted EAPG Weight." EAPGs are assigned to the Episode's APEC-Covered Services based on information contained within a properly submitted Hospital claim.</p>

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1st RY22 Period (for dates of service in the 1st RY22 Period)	2nd RY22 Period (for dates of service in the 2nd RY22 Period)
<p>utilizing the 3M EAPG Grouper. EAPGs are assigned at the claim detail line level. The 3M EAPG Grouper's discounting, consolidation and packaging logic is applied to each of the Episode's claim detail line MassHealth EAPG Weights (as defined in Section II) to produce that claim detail line's Adjusted EAPG Weight.</p>	<p>utilizing the 3M EAPG Grouper. EAPGs are assigned at the claim detail line level. The 3M EAPG Grouper's discounting, consolidation and packaging logic is applied to each of the Episode's claim detail line MassHealth EAPG Weights (as defined in Section II) to produce that claim detail line's Adjusted EAPG Weight.</p>
<p>b. APEC Outlier Component. The APEC Outlier Component is equal to the difference between the Episode-Specific Case Cost and the Episode-Specific Outlier Threshold, which is then multiplied by the 1st RY22 Period Marginal Cost Factor.</p> <p>The Episode-Specific Case Cost is the product of the Episode's Total Allowed Charges and the Hospital's FY18 Outpatient CCR (which is based on the Hospital's FY18 Massachusetts Hospital cost report). The Episode-Specific Case Cost is compared to the Episode-Specific Outlier Threshold, which is the sum of the Episode-Specific Total EAPG Payment (calculated as described in Section III.B.2.a, above), and the 1st RY22 Period Fixed Outpatient Outlier Threshold of \$4,000. If the Episode-Specific Case Cost exceeds the Episode-Specific Outlier Threshold, then an APEC Outlier Component is computed equal to the Marginal Cost Factor for the 1st RY22 Period set at 60%, multiplied by the difference between the computed Episode-Specific Case Cost and the Episode-Specific Outlier Threshold. If the Episode-Specific Case Cost does not exceed the Episode-Specific Outlier Threshold, then the APEC Outlier Component is \$0.</p>	<p>b. APEC Outlier Component. The APEC Outlier Component is equal to the difference between the Episode-Specific Case Cost and the Episode-Specific Outlier Threshold, which is then multiplied by the 2nd RY22 Period Marginal Cost Factor.</p> <p>The Episode-Specific Case Cost is the product of the Episode's Total Allowed Charges and the Hospital's FY19 Outpatient CCR (which is based on the Hospital's FY19 Massachusetts Hospital cost report). The Episode-Specific Case Cost is compared to the Episode-Specific Outlier Threshold, which is the sum of the Episode-Specific Total EAPG Payment (calculated as described in Section III.B.2.a, above), and the 2nd RY22 Period Fixed Outpatient Outlier Threshold of \$4,100. If the Episode-Specific Case Cost exceeds the Episode-Specific Outlier Threshold, then an APEC Outlier Component is computed equal to the Marginal Cost Factor for the 2nd RY22 Period set at 60%, multiplied by the difference between the computed Episode-Specific Case Cost and the Episode-Specific Outlier Threshold. If the Episode-Specific Case Cost does not exceed the Episode-Specific Outlier Threshold, then the APEC Outlier Component is \$0.</p>

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In no case is an APEC Outlier Component payable if the Episode-Specific Total EAPG Payment is \$0.	In no case is an APEC Outlier Component payable if the Episode-Specific Total EAPG Payment is \$0.
c. Calculation of the APEC. The Hospital's APEC for the Episode is equal to the sum of the Episode-Specific Total EAPG Payment (calculated as set forth in Section III.B.2.a , above) and the APEC Outlier Component (calculated as set forth in Section III.B.2.b , above).	c. Calculation of the APEC. The Hospital's APEC for the Episode is equal to the sum of the Episode-Specific Total EAPG Payment (calculated as set forth in Section III.B.2.a , above) and the APEC Outlier Component (calculated as set forth in Section III.B.2.b , above).

See **Tables 1, 1.1 and 1.2**, below, for an illustrative example of the calculation of a Hospital's APEC for Episode claim with multiple EAPGs. The example assumes the 2nd RY22 Period applies.

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Table 1: Example of Hospital's RY22 APEC Calculation for a Single Episode - 2nd RY22 Period			
(Values are for demonstrative purposes only)			
Line	Description	Value	Calculation or Source
Calculation of Episode-Specific Total EAPG Payment			
1	Episode-Specific Total EAPG Payment	\$3,350.31	Sum of episode's claim detail line EAPG payment amounts (sum of Line 5 from claim detail lines #s 1 through 5 from Table 1.2)
Calculation of APEC Outlier Component (only calculated if Line 1 > \$0)			
2	Episode's Total Allowed Charges	\$15,300.00	Sum of episode's claim detail line MassHealth allowed charges (sum of Line 2 from claim detail lines #s 1 through 5 from Table 1.2)
3	Hospital's Outpatient Cost-to-Charge Ratio	60.00%	Hospital's FY19 Massachusetts Hospital Cost Report
4	Episode-Specific Case Cost	\$9,180.00	Line 2 * Line 3
5	Fixed Outpatient Outlier Threshold	\$4,100.00	Section II Definition (2nd RY22 Period)
6	Episode-Specific Outlier Threshold	\$7,450.31	Line 1 + Line 5
7	Does Episode-Specific Cost exceed Episode-Specific Outlier Threshold ?	TRUE	Is line 4 > Line 6? If TRUE, then APEC Outlier component is due
8	Marginal Cost Factor	60%	Determined Annually
9	APEC Outlier Component	\$ 1,037.81	(Line 4 - Line 6) * Line 8
APEC for the Episode			
10	APEC	\$ 4,388.12	Line 1 + Line 9

Table 1.1: Hospital's Wage Adjusted APEC Outpatient Standard (Example)			
(Values are for demonstrative purposes only)			
Line	Description	Value	Calculation or Source
1	APEC Outpatient Statewide Standard	\$646.24	Section III.B.2.a(1)(a) (2nd RY22 Period)
2	Hospital's Massachusetts-specific wage area index	1.0704	Varies by hospital, determined annually
3	Labor factor	0.6000	Determined annually
4	Hospital's Wage Adjusted APEC Outpatient Standard	\$673.54	(Line 1 * Line 2 * Line 3) + (Line 1 * (1.0 - Line 3))

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Table 1.2: Claim Detail Line EAPG Payment Amounts (Example)			
[Values are for demonstrative purposes only]			
Claim Detail Line #1 EAPG Payment Amount Calculation			
EAPG: 290, PET SCANS			
Line	Description	Value	Calculation or Source
1	Hospital's Wage Adjusted APEC Outpatient Standard	\$673.54	Table 1.1, Line 4
2	Claim detail line allowed charges	\$5,000.00	Determined from claim
3	Claim detail line MassHealth EAPG weight	2.3680	Determined based on claim information
4	Claim detail line Adjusted EAPG weight	2.3680	Determined by 3M EAPG Grouper logic
5	Claim detail line EAPG payment amount	\$1,594.94	Line 1 * Line 4
Claim Detail Line #2 EAPG Payment Amount Calculation			
EAPG: 220, LEVEL II NERVOUS SYSTEM INJECTIONS INCLUDING CRANIAL TAP			
Line	Description	Value	Calculation or Source
1	Hospital's Wage Adjusted APEC Outpatient Standard	\$673.54	Table 1.1, Line 4
2	Claim detail line allowed charges	\$4,000.00	Determined from claim
3	Claim detail line MassHealth EAPG weight	1.7244	Determined based on claim information
4	Claim detail line Adjusted EAPG weight	1.7244	Determined by 3M EAPG Grouper logic
5	Claim detail line EAPG payment amount	\$1,161.45	Line 1 * Line 4
Claim Detail Line #3 EAPG Payment Amount Calculation			
EAPG: 220, LEVEL II NERVOUS SYSTEM INJECTIONS INCLUDING CRANIAL TAP			
Line	Description	Value	Calculation or Source
1	Hospital's Wage Adjusted APEC Outpatient Standard	\$673.54	Table 1.1, Line 4
2	Claim detail line allowed charges	\$4,000.00	Determined from claim
3	Claim detail line MassHealth EAPG weight	1.7244	Determined based on claim information
4	Claim detail line Adjusted EAPG weight	0.8622	Determined by 3M EAPG Grouper logic
5	Claim detail line EAPG payment amount	\$580.72	Line 1 * Line 4
Claim Detail Line #4 EAPG Payment Amount Calculation			
EAPG: 299, LEVEL I COMPUTED TOMOGRAPHY			
Line	Description	Value	Calculation or Source
1	Hospital's Wage Adjusted APEC Outpatient Standard	\$673.54	Table 1.1, Line 4
2	Claim detail line allowed charges	\$2,000.00	Determined from claim
3	Claim detail line MassHealth EAPG weight	0.1170	Determined based on claim information
4	Claim detail line Adjusted EAPG weight	-	Determined by 3M EAPG Grouper logic
5	Claim detail line EAPG payment amount	\$0.00	Line 1 * Line 4
Claim Detail Line #5 EAPG Payment Amount Calculation			
EAPG: 400, LEVEL I CHEMISTRY TESTS			
Line	Description	Value	Calculation or Source
1	Hospital's Wage Adjusted APEC Outpatient Standard	\$673.54	Table 1.1, Line 4
2	Claim detail line allowed charges	\$300.00	Determined from claim
3	Claim detail line MassHealth EAPG weight	0.0196	Determined based on claim information
4	Claim detail line Adjusted EAPG weight	0.0196	Determined by 3M EAPG Grouper logic
5	Claim detail line EAPG payment amount	\$13.20	Line 1 * Line 4

C. Physician Payments

1. A Hospital may receive payment for the professional component of physician services provided by Hospital-Based Physicians to MassHealth members.
2. Such payment shall be as specified in Attachment 4.19B, section 8.d. of the State Plan. Hospitals will not be paid separately for professional fees for practitioners other than Hospital-Based Physicians as defined in **Section II**.

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3. Hospitals will be paid for physician services only if the Hospital-Based Physician took an active patient care role, as opposed to a supervisory role, in providing the Outpatient Service(s) on the billed date(s) of service. The Hospital-Based Physician may not bill for any professional component of the service that is billed by the Hospital.
4. Physician services provided by residents and interns are not payable separately.
5. Hospitals will not be paid for physician services if those services are (1) provided by a Community-Based Physician; or (2) as further described herein.
6. In order to qualify for payment for Hospital-Based Physician services provided during the provision of Observation Services, the reasons for the Observation Services, the start and stop time of the Observation Services, and the name of the physician ordering the Observation Services, must be documented in the Member's medical record.

D. Outpatient Hospital Services Payment Limitations

1. Payment Limitations on Hospital Outpatient Services Preceding an Admission

Hospitals will not be separately paid for Outpatient Hospital Services when an inpatient admission to the same Hospital, on the same date of service, occurs following the Outpatient Hospital Services.

2. Payment Limitations on Outpatient Services to Inpatients

Hospitals will not be paid for Outpatient Services provided to any Member who is concurrently an inpatient of any Hospital. The Hospital is responsible for payment to any other provider of services delivered to a Member while an inpatient of that Hospital.

E. Laboratory Services

1. Payment for Laboratory Services

- a. Hospitals will be paid for laboratory services as specified in Attachment 4.19-B, section 8.b. of the State Plan.

2. Physician Services

No additional payment shall be made for any physician service provided in connection with a laboratory service, except for surgical pathology services. The maximum allowable payment is payment in full for the laboratory service.

E-1. Payment for APEC Carve-Out Drugs

RY22 is bifurcated into the 1st RY22 Period and the 2nd RY22 Period for purposes of determining payment for APEC Carve-Out Drugs. The methodology in the "1st RY22 Period"

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column of this **Section III.E-1**, below, applies to dates of service in the 1st RY22 Period and incorporates applicable definitions in **Section II** that apply to the 1st RY22 Period. The methodology in the “2nd RY22 Period” column applies to dates of service in the 2nd RY22 Period and incorporates applicable definitions in **Section II** that apply to the 2nd RY21 Period.

1st RY22 Period (for dates of service occurring in the 1st RY22 Period)	2nd RY22 Period (for dates of service occurring in the 2nd RY22 Period)
Payment to Hospitals for APEC Carve-Out Drugs administered to Members during an outpatient hospital visit will be the lowest of (1) the Hospital’s Actual Acquisition Cost of the Drug; (2) the Wholesale Acquisition Cost (WAC) of the Drug; and (3) if available, the Medicare Part B rate for the Drug, each as determined by EOHHS.	Payment to Hospitals for APEC Carve-Out Drugs administered to Members during an outpatient hospital visit will be the Hospital’s Actual Acquisition Cost of the Drug.

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E-2. Emergency Department-Dispensed Nasal Naloxone Packages

1. Payment for Emergency Department-Dispensed Nasal Naloxone Packages

Hospitals will be reimbursed for the dispensing of nasal naloxone packages through their emergency departments at the rate of \$125 per nasal naloxone package. A single nasal naloxone package consists of two nasal spray inhalers, with each inhaler containing 4 mg of naloxone. This payment is in addition to any payment that the Hospital may receive pursuant to Section III for services rendered to the member.

2. Physician Payment

Hospitals may not bill for Hospital-Based Physician services related to the dispensing of nasal naloxone packages through their emergency departments.

E-3. Payment for Outpatient Administration of Certain Physician Administered Drugs

RY22 is bifurcated into the 1st RY22 Period and the 2nd RY22 Period for purposes of determining Payment for Outpatient Administration of Certain Physician Administered Drugs. The methodology in the “1st RY22 Period” column of this Section III.E-3, below, applies to dates of service in the 1st RY22 Period and incorporates applicable definitions in Section II that apply to the 1st RY22 Period. The methodology in the “2nd RY22 Period” column applies to dates of service in the 2nd RY22 Period and incorporates applicable definitions in Section II that apply to the 2nd RY21 Period.

1 st RY22 Period (for dates of service occurring in the 1 st RY22 Period)	2 nd RY22 Period (for dates of service occurring in the 2 nd RY22 Period)
EOHHS will pay Hospitals for the outpatient administration of certain physician administered drugs identified on the “Certain MassHealth Outpatient Physician Administered Drugs to be paid by fee schedule” section of the MassHealth Drug List (Fee Schedule Dmgs) in accordance with Section III.B or, if applicable, Exhibit 1.	EOHHS will pay Hospitals for the outpatient administration of certain physician administered drugs identified on the “Certain MassHealth Outpatient Physician Administered Drugs to be paid by fee schedule” section of the MassHealth Dmg List (Fee Schedule Drugs) in accordance with this Section III.E-3. Payment to hospitals for the outpatient administration of any Fee Schedule Drug shall be the amount as listed by the quarterly Medicare Part B Drug Average Sales Price for the Fee Schedule Drug, as set forth on CMS’s website at https://www.cms.gov/medicare/medica

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1 st RY22 Period (for dates of service occurring in the 1 st RY22 Period)	2 nd RY22 Period (for dates of service occurring in the 2 nd RY22 Period)
	re-part-b-drug-average-sales-price/2021-as-p-drug-pricing-files. This payment is in addition to any payment that the Hospital may receive pursuant to Section III for services rendered to the member.

F. Payment for Unique Circumstances

1. High Public Payer Hospital Supplemental Payment

a. Eligibility

In order to qualify for the High Public Payer Hospital Supplemental Payment, a Hospital's FY20 public payer percentage, which is the ratio of the Hospital's FY20 Gross Patient Service Revenue from government payers and free care to the Hospital's FY20 Gross Patient Service Revenue ("FY19 Public Payer Percentage"), must exceed 63% ("High Public Payer Threshold"), as determined by EOHHS based on the Hospital's FY20 Massachusetts Hospital Cost Report.

b. Supplemental Payment Methodology

Subject to compliance with all applicable federal rules and payment limits, EOHHS will make a supplemental payment to each Hospital satisfying the eligibility criteria set forth in Section III.F.1.a (each an "Eligible Hospital" for purposes of this Section III.F.1).

"MCO" for purposes of this Section III.F.1 includes only "traditional" MCOs, and excludes ACPPs, Senior Care Organizations (SCOs), and One Care plans.

The outpatient portion of the supplemental payment amount for each Qualifying Hospital will be determined by apportioning a total of \$6.5 million to such Qualifying Hospitals on a pro-rata basis, as follows:

- First, EOHHS will calculate each Eligible Hospital's Weighted Episode Volume by summing 60% of the Hospital's FY22 ACPP and Primary Care ACO episode volume, 20% of the Hospital's FY22 MCO episode volume, and 20% of the Hospital's FY21 PCC Plan episode volume;

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- Second, EOHHS will calculate each Eligible Hospital's Pro-Rata Episode Volume by dividing its Weighted Episode Volume by all Eligible Hospitals' Weighted Episode Volume;
- Third, EOHHS will calculate each Eligible Hospital's HPP Ratio by:
 - Subtracting the 63% High Public Payer Threshold from that Hospital's FY20 Public Payer Percentage;
 - Multiplying that difference by 12%; and
 - Adding 2% to that product;
- Fourth, EOHHS will calculate each Eligible Hospital's Outpatient HPP Distribution Percentage by multiplying its Pro-Rata Episode Volume by its HPP Ratio;
- Fifth, EOHHS will calculate each Eligible Hospital's Outpatient HPP Payment Factor by dividing its Outpatient HPP Distribution Percentage by the sum of all Outpatient HPP Distribution Percentages for all Eligible Hospitals; and
- Sixth, EOHHS will calculate the outpatient portion of each Eligible Hospital's supplemental payment by multiplying its Outpatient HPP Payment Factor by \$6.5 million.

For purposes of this calculation, FY22 ACPP, Primary Care ACO, MCO, and PCC Plan episode volume refers to paid outpatient episodes of care delivered by the qualifying hospital to MassHealth Members enrolled in an ACPP, a Primary Care ACO, an MCO, or the PCC Plan, as determined by EOHHS utilizing, for the ACPP and MCO episode volume, ACPP and MCO encounter data submitted by each ACPP and MCO for FY22 and residing in the MassHealth data warehouse as of March 31, 2023, and for the PCC Plan and Primary Care ACO episode volume, Medicaid paid claims data for FY22 residing in MMIS as of March 31, 2023, for which MassHealth is primary payer. Only ACPP and MCO encounter data and MMIS paid claims data pertaining to qualifying High Public Payer Hospitals (as specified in **Section III.F.1.a**) is considered in determining the pro rata share.

2. Essential MassHealth Hospitals

a. Eligibility

In order to qualify for payment as an Essential MassHealth Hospital, a Hospital must itself meet, or be within a system of Hospitals, any one of which meets, at least four of the following criteria, as determined by EOHHS, provided that all Hospitals within such system are owned or controlled, directly or indirectly, by a single entity that (i)

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was created by state legislation prior to 1999; and (ii) is mandated to pursue or further a public mission:

- (1) The Hospital is a non-state-owned public Acute Hospital.
- (2) The Hospital meets the current MassHealth definition of a non-profit teaching Hospital affiliated with a Commonwealth-owned medical school.
- (3) The Hospital has at least 7% of its total patient days as Medicaid days.
- (4) The Hospital is an acute care general Hospital located in Massachusetts which provides medical, surgical, emergency and obstetrical services.
- (5) The Hospital enters into a separate contract with EOHHS relating to payment as an Essential MassHealth Hospital.

Based on these criteria, Cambridge Health Alliance (CHA) and the UMass Memorial Health Care, Inc. Hospitals (UMass Hospitals) are the only Hospitals eligible for this payment.

b. Supplemental Payment Methodology

Subject to compliance with all applicable federal rules and payment limits, EOHHS will make a supplemental payment to Essential MassHealth Hospitals.

This payment is based on approval by EOHHS of the Hospital's accurately submitted and certified EOHHS Office of Medicaid Uniform Medicaid and Low Income Uncompensated Care Cost & Charge Report (UCCR) for the hospital fiscal year corresponding with the payment.

For the UMass hospitals, the Federal Fiscal Year 2022 (FFY22) outpatient payment amount will be up to \$1,200 times the total number of Episodes with dates of service during FFY22, not to exceed \$2.0 million.

For CHA, the Federal Fiscal Year outpatient payment amount will be the difference between the non-state-owned public hospital Upper Payment Limit (calculated on an annual basis) and other payments made under this Attachment, not to exceed \$17.5 million. Notwithstanding such maximum outpatient amount, EOHHS may make outpatient payments to CHA of up to an additional 10% of the CHA Total Maximum Essential Amount (as defined in this paragraph, below), subject to compliance with all applicable federal rules and payment limits, and satisfying all other conditions of this **Section III.F.2** as it applies to CHA, so long as the total inpatient and outpatient Essential MassHealth Hospital supplemental payment amounts to CHA for the Federal Fiscal Year under this paragraph and under **Section III.J.2.b** of Attachment 4.19-A(1) (TN-021-036) do not, in the aggregate, exceed the CHA Total Maximum Essential Amount. The CHA Total Maximum Essential Amount is \$25.0 million.

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The 10% provisions referenced above in this section may be invoked if, upon reconciliation, an applicable inpatient hospital limit would be exceeded if CHA was paid its maximum FFY22 inpatient Essential MassHealth Hospital Supplemental Payment amount under **Section III.J.2.b** of Attachment 4.19-A(1) (TN-021-036), or if CHA has insufficient inpatient utilization or otherwise to support such maximum inpatient payment amount.

Essential MassHealth Hospital payments will be made after EOHHS' receipt of the hospital's certified UCCR, finalization of payment data and applicable payment amounts, and receipt of any necessary approvals, but no later than 1 year after receipt of the hospital's final reconciliation UCCR (which must be submitted by 45 days after the Hospital's Medicare 2552 Report for the payment year has been finalized by Medicare's Fiscal Intermediary).

3. Acute Hospitals with High Medicaid Discharges

a. Eligibility

In order to qualify for payment as an Acute Hospital with High Medicaid Discharges, a Hospital must be an Acute Hospital that has more than 2.7% of the statewide share of Medicaid discharges, determined by dividing each Hospital's total Medicaid discharges as reported on the Hospital's Massachusetts hospital cost report by the total statewide Medicaid discharges for all Hospitals.

b. Supplemental Payment Methodology

Subject to compliance with all applicable federal rules and payment limits, EOHHS will make a supplemental payment to Acute Hospitals that have higher Medicaid discharges when compared with other participating MassHealth Hospitals.

The payment amount is based on Medicaid payment, cost and charge data for the federal fiscal year. The payment equals the variance between the Hospital's outpatient Medicaid payment and outpatient Medicaid costs, not to exceed the Hospital's Health Safety Net Trust Fund-funded payment amount for the federal fiscal year. Acute Hospital with High Medicaid Discharges payments will be made after finalization of payment data, applicable payment amounts, and obtaining any necessary approvals.

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4. High Medicaid Volume Safety Net Hospital HLHC Supplemental Payment

In order to qualify for a High Medicaid Volume Safety Net Hospital HLHC supplemental payment, a Hospital must be a High Medicaid Volume Safety Net Hospital that operates an HLHC that experienced a volume of at least 75,000 outpatient episodes in FY18, as determined by EOHHS through a review of MMIS claims (“Qualifying HLHC”). Based on these criteria, Boston Medical Center is the only hospital eligible for this payment.

Subject to compliance with all applicable federal statutes, regulations, state plan and waiver provisions, payment limits, and full federal financial participation, EOHHS will make \$2.1 million in total aggregate supplemental payments to Hospitals that qualify for this payment pursuant to the preceding paragraph, divided equally among all qualifying Hospitals, provided that each such Hospital agrees to spend such funds solely for the benefit of its Qualifying HLHC. The payment amount will be specified in an agreement between EOHHS and each qualifying Hospital.

IV. Reserved

V. Other Provisions

A. Federal Limits

If any portion of the payment methodology is not approved by CMS or is in excess of applicable federal limits, EOHHS may recoup any payment made to a Hospital in excess of the approved methodology. Any such recovery shall be proportionately allocated among affected hospitals. Any FFP associated with such overpayments will be returned to CMS.

B. Future Rate Years

Adjustments may be made each Rate Year to update rates and shall be made in accordance with the Hospital RFA and Contract in effect on that date.

C. New Hospitals/Hospital Change of Ownership

For any newly participating Hospital, or any Hospital which is party to a merger, sale of assets, or other transaction involving the identity, licensure, ownership or operation of the Hospital during the effective period of the state plan, EOHHS, in its sole discretion, shall determine, on a case-by-case basis (1) whether the Hospital qualifies for payment under the state plan, and, if so, (2) the appropriate rates of payment. Such rates of payment shall be determined in accordance with the provisions of the state plan to the extent EOHHS deems possible. EOHHS’s determination shall be based on the totality of the circumstances. Any such rate may, in EOHHS’s sole discretion, affect computation of the statewide average or statewide standard payment amount and/or any efficiency standard.

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D. Data Sources

If data sources specified in this Attachment are not available, or if other factors do not permit precise conformity with the provisions of this Attachment, EOHHS shall select such substitute data sources or other methodology(ies) that EOHHS deems appropriate in determining Hospitals' rates.

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VI. Other Quality and Performance Based Payment Methods

A. Provider Preventable Conditions

Citation

42 CFR 447, 434, 438, and 1902(a)(4), 1902(a)(6), and 1903

Payment Adjustment for Provider Preventable Conditions

The Medicaid agency meets the requirements of 42 CFR Part 447, Subpart A, and sections 1902(a)(4), 1902(a)(6), and 1903 with respect to non-payment for provider-preventable conditions.

Other Provider-Preventable Conditions

The State identifies the following Other Provider-Preventable Conditions for non-payment under Attachment 4.19-B (1), (Acute Outpatient Hospital Services) of this State plan, where applicable.

Wrong surgical or other invasive procedure performed on a patient; surgical or other invasive procedure performed on the wrong body part; surgical or other invasive procedure performed on the wrong patient.

Additional Other Provider-Preventable Conditions identified below:

- The following Hospital Acquired Conditions as identified by Medicare, as they may be updated by CMS:
 1. Foreign object retained after surgery.
 2. Air Embolism
 3. Blood incompatibility
 4. Stage III and IV Pressure Ulcers
 5. Falls and Trauma, related to:
 - fractures
 - dislocations
 - intracranial injuries
 - crushing injuries
 - burns
 - other injuries
- In addition, the following:
 1. Intraoperative or immediately postoperative / post procedure death in a ASA class 1 patient
 2. Patient death or serious injury associated with the use of contaminated drugs, devices or biologics provided by the healthcare setting.

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3. Patient death or serious injury associated with the use or function of a device in patient care, in which the device is used or functions other than as intended.
4. Patient death or serious injury associated with patient elopement (disappearance)
5. Patient suicide, attempted suicide, or self-harm resulting in serious injury, while being cared for in a healthcare setting.
6. Patient death or serious injury associated with a medication error (e.g., errors involving the wrong drug, wrong dose, wrong patient, wrong time, wrong rate, wrong preparation or wrong route of administration)
7. Maternal death or serious injury associated with labor or delivery in a low-risk pregnancy while being cared for in a healthcare setting.
8. Death or serious injury of a neonate associated with labor and delivery in a low risk pregnancy.
9. Unstageable pressure ulcer acquired after admission / presentation in a healthcare setting.
10. Patient death or serious injury resulting from the irretrievable loss of an irreplaceable biological specimen.
11. Patient death or serious injury resulting from failure to follow up or communicate laboratory, pathology, or radiology test results.
12. Death or serious injury of a patient or staff associated with the introduction of a metallic object into the MRI area.
13. Patient death or serious injury associated with the use of physical restraints or bedrails while being cared for in a health care setting.
14. Death or serious injury of a patient or staff member resulting from a physical assault (i.e., battery) that occurs within or on the grounds of a healthcare setting.

No reduction in payment for a provider preventable condition will be imposed on a provider when the condition defined as a PPC for a particular patient existed prior to the initiation of treatment for that patient by that provider.

Reduction in provider payment may be limited to the extent that the following apply: (i) the identified provider preventable conditions would otherwise result in an increase in payment; (ii) the State can reasonably isolate for nonpayment the portion of the payment directly related to treatment for, and related to, the provider preventable condition.

A State plan must ensure that nonpayment for provider-preventable conditions does not prevent access to services for Medicaid beneficiaries.

Payment Method:

EOHHS will pay hospitals in accordance with the requirements of 42 CFR Part 447, Subpart A, and sections 1902(a)(4), 1902(a)(6) and 1903 with respect to non-payment for provider-preventable conditions.

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Provider preventable conditions (“PPCs”) are defined as those conditions that are identified as Other Provider-Preventable Conditions (“OPPCs”) above. The OPPCs include the three National Coverage Determinations (the “NCDs”) and the Additional Other Provider Preventable Conditions (“Additional OPPCs”) that are listed above.

When a Hospital reports a PPC, MassHealth will reduce payments to the Hospital as follows:

1. APEC:
 - a. MassHealth will not pay the APEC if the Hospital reports that only-PPC-related services were delivered during the episode of care, and will exclude all reported PPC-related costs/services when determining future year payment rates that are calculated using a data source that would otherwise include the PPC.
 - b. MassHealth will pay the APEC, as adjusted to exclude PPC-related costs/services, if the Hospital reports that non-PPC related services were also delivered during the same episode of care, and will exclude all reported PPC-related costs/services when determining future year payment rates that are calculated using a data source that would otherwise include the PPC.
2. Outpatient Hospital Payments for Hospital-Based Physician Services: MassHealth will not pay for outpatient Hospital-based physician services reported as PPC-related services.
3. Follow-Up Care in Same Hospital: If a Hospital reports that it provided follow-up outpatient hospital services that were solely the result of a previous PPC (inpatient or outpatient) that occurred while the member was being cared for at a facility covered under the same hospital license., MassHealth will not pay for the reported follow-up services. If the hospital reports that non-PPC-related services were provided during the follow-up episode of care, payment will be made, but adjusted in the case of an APEC payment to exclude PPC-related costs/services, and MassHealth will exclude all PPC-related costs/services when determining future year payment rates that are calculated using a data source that would otherwise include the PPC.

The federal non-payment provision also applies to third party liability and crossover payments by MassHealth.

Charges for services, including co-payments or deductibles, deemed non-billable to MassHealth are not billable to the member.

In the event that individual cases are identified throughout the PPC implementation period, the Commonwealth shall adjust reimbursement according to the methodology above.

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B. Serious Reportable Events

The non-payment provisions set forth in this Section VI.B. apply to the following serious reportable events (SREs), where applicable:

1. Discharge or release of a patient / resident of any age, who is unable to make decisions, to other than an authorized person.
2. Any incident in which systems designated for oxygen or other gas to be delivered to a patient contains no gas, the wrong gas or are contaminated by toxic substances
3. Any instance of care ordered by or provided by someone impersonating a physician, nurse, pharmacist, or other licensed health care provider.
4. Abduction of a patient / resident of any age.
5. Sexual abuse / assault on a patient or staff member within or on the grounds of the healthcare setting.

Hospitals are prohibited from charging or seeking payment from MassHealth or the Member for Hospital and Hospital-Based Physician services that are made necessary by, or are provided as a result of, a serious reportable event occurring on premises covered under the Hospital license that was preventable, within the Hospital's control, and unambiguously the result of a system failure, as described in DPH regulations at 105 CMR 130.332 as in effect on the date of service. Non-reimbursable Hospital and Hospital-Based Physician services include:

1. All services provided during the outpatient visit during which a preventable SRE occurred; and
2. All services provided during readmissions and follow-up outpatient visits as a result of a non-billable SRE provided:
 - a. at a facility under the same license as the Hospital at which a non-billable SRE occurred; or
 - b. on the premises of a separately licensed hospital with common ownership or a common corporate parent of the Hospital at which a non-billable SRE occurred.
3. Charges for services, including co-payments or deductibles, deemed non-billable to MassHealth are not billable to the Member.

The non-payment provision also applies to third-party liability and crossover payments by MassHealth.

A Hospital not involved in the occurrence of a preventable SRE that also does not meet the criteria in number 2 above, and that provides inpatient or outpatient services to a patient who previously incurred an SRE may bill MassHealth for all medically necessary Hospital and Hospital-Based Physician services provided to the patient following a preventable SRE.

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Exhibit 1: RY22 Payment Method for Critical Access Hospitals
Effective October 1, 2021 through September 30, 2022

EXHIBIT 1
RY22 Payment Method Applicable to Critical Access Hospitals
Effective October 1, 2021 through September 30, 2022

Section I. Overview

The payment methods set forth in this **Exhibit 1** apply to Critical Access Hospitals for RY22 (October 1, 2021 through September 30, 2022).

Section II. Payment Method - General

EOHHS will pay Critical Access Hospitals an amount equal to 101 percent of the Hospital's allowable costs as determined by EOHHS utilizing the Medicare cost-based reimbursement methodology, for both inpatient and outpatient services in RY22, as more fully described below. Interim payments will be made to Critical Access Hospitals based on the rates and methods set forth in this **Exhibit 1**, which payments are provisional in nature and subject to the completion of a cost review and settlement for the time period beginning October 1, 2021 through September 30, 2022, as described in **Section II(B)** of this **Exhibit 1**. The interim payments made for Outpatient Services to Critical Access Hospitals will be made on the same basis as payment would be made for those same Outpatient Services to all other Hospitals (e.g., per Episode for Outpatient Services paid by the APEC), and the timing of the interim payments will not differ from the timing that Outpatient Services are paid to all other Hospitals. Subject to this **Exhibit 1**, **Attachment 4.19-B(1)** otherwise applies to Critical Access Hospitals. If a Hospital loses its designation as a Critical Access Hospital, the payment methods for such hospital shall revert to the standard acute hospital rate methodologies, and payments may be adjusted accordingly. Reversion to any such rate methodologies shall not affect the payment rates to other participating acute hospitals for the applicable rate year.

(A) Payment for Outpatient Services

Critical Access Hospitals will be paid for Outpatient Services in accordance with **Attachment 4.19-B(1)** with the following changes.

For dates of service in RY22, Critical Access Hospitals will be paid a Hospital-specific, Episode-specific Adjudicated Payment per Episode of Care (APEC) for those Outpatient Services for which all other in-state Hospitals are paid an APEC.

Notwithstanding **Section III.B** of this **Attachment 4.19-B(1)**, for dates of service in the 1st RY22 Period, the hospital-specific, episode-specific APEC for each Critical Access Hospital was calculated as follows:

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- (1) EOHHS calculated a cost per Episode for outpatient services for each Critical Access Hospital by dividing the amount reported on worksheet E-3, part VII, column 2, line 21 of the Hospital's FY19 CMS-2552-10 cost report, by the Hospital's number of FY19 Medicaid (MassHealth) Episodes. Episode volume was derived from FY19 paid claims data residing in MMIS for which MassHealth was primary payer.
- (2) EOHHS then multiplied the cost per Episode amount for each Critical Access Hospital by the Inflation Factors for Operating Costs between RY19 and RY21, as defined in **Section II** of **Attachment 4.19-B(1)**, to derive the Critical Access Hospital's 1st RY22 Period inflation-adjusted cost per Episode.
- (3) EOHHS then divided each Critical Access Hospital's 1st RY22 Period inflation-adjusted cost per Episode by each Hospital's FY19 outpatient casemix index (CMI), as determined by EOHHS.
- (4) That result is the 1st RY22 Period CAH-specific Outpatient Standard Rate per Episode.
- (5) The Critical Access Hospital's APEC for a specific Episode is then determined by substituting the 1st RY22 Period CAH-specific Outpatient Standard Rate per Episode for the Wage Adjusted APEC Outpatient Standard and calculating a CAH APEC payment as otherwise described in **Section III.B.2** of this Attachment 4.19-B(1), utilizing the methodology applicable to the 1st RY22 Period.

Notwithstanding **Section III.B** of this **Attachment 4.19-B(1)**, for dates of service in the 2nd RY22 Period, the hospital-specific, episode-specific APEC for each Critical Access Hospital was calculated as follows:

- (1) EOHHS calculated a cost per Episode for outpatient services for each Critical Access Hospital by dividing the amount reported on worksheet E-3, part VII, column 2, line 21 of the Hospital's FY20 CMS-2552-10 cost report, by the Hospital's number of FY20 Medicaid (MassHealth) Episodes. Episode volume was derived from FY20 paid claims data residing in MMIS for which MassHealth was primary payer.
- (2) EOHHS then multiplied the cost per Episode amount for each Critical Access Hospital by the Inflation Factors for Operating Costs between RY20 and RY22, as defined in **Section II** of **Attachment 4.19-B(1)**, to derive the Critical Access Hospital's 2nd RY22 Period inflation-adjusted cost per Episode.
- (3) EOHHS then divided each Critical Access Hospital's 2nd RY22 Period inflation-adjusted cost per Episode by each Hospital's FY20 outpatient casemix index (CMI), as determined by EOHHS.

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- (4) That result is the 2nd RY22 Period CAH-specific Outpatient Standard Rate per Episode.
- (5) The Critical Access Hospital's APEC for a specific Episode is then determined by substituting the 2nd RY22 Period CAH-specific Outpatient Standard Rate per Episode in place of the Wage Adjusted APEC Outpatient Standard and calculating a CAH APEC payment as otherwise described in **Section III.B.2** of this Attachment 4.19-B(1), utilizing the methodology applicable to the 2nd RY22 Period.

(B) Post RY22 Cost Review and Settlement

EOHHS will perform a post-Rate Year 2022 review to determine whether the Critical Access Hospital received aggregate interim payments in an amount equal to 101% of allowable costs utilizing the Medicare cost-based reimbursement methodology for both inpatient and outpatient services for FY22, as such amount is determined by EOHHS ("101% of allowable costs"). See also Exhibit 1 to Attachment 4.19-A(1). EOHHS will utilize the Critical Access Hospital's FY22 CMS-2552-10 cost reports, including completed Medicaid (Title XIX) data worksheets, and such other information that EOHHS determines is necessary, to perform this post RY22 review. "Aggregate interim payments" for this purpose shall include all state plan payments to the hospital for FY22, but excluding, if applicable, any state plan supplemental payments made to a Critical Access Hospital based on its status as a qualifying Hospital as defined in **Section III.F.1 of Attachment 4.19-B(1)**.

If the Critical Access Hospital was paid less than 101% of allowable costs, EOHHS will pay the Critical Access Hospital the difference between 101% of allowable costs and the aggregate interim payments. If the Critical Access Hospital was paid more than 101% of allowable costs, the Critical Access Hospital shall pay to EOHHS, or EOHHS may recoup the amount that equals the difference between the aggregate interim payments and 101% of allowable costs.

This post RY22 review and settlement will take place within twelve (12) months after EOHHS has obtained all accurate and complete data needed to perform the review and settlement calculation. EOHHS estimates that it will have accurate and complete data by September 30, 2023. Assuming this date, the settlement will be complete by September 30, 2024.