



**CORE Attributed Patient Roster (X12 v5010X318 834)
Infrastructure Rule
Version APR.3.0**

December 2023

DRAFT

**CAQH Committee on Operating Rules for Information Exchange (CORE) Attributed Patient Roster
(X12 005010X318 834) Infrastructure Rule vAPR.3.0**

**Revision History for CAQH CORE Attributed Patient Roster (X12 v5010X318 834)
Infrastructure Rule**

Version	Revision	Description	Date
APR.1.0	Major	CAQH CORE Attributed Patient Roster (X12 v5010X318 834) Infrastructure Rule balloted and approved via the CORE Voting Process.	December 2020
APR.2.0	Major	<ul style="list-style-type: none"> • Substantive updates to system availability requirements to align with current business needs. • Additional non-substantive updates for clarity. 	April 2022
APR.3.0	Major	<ul style="list-style-type: none"> • Substantive updates to establish Real-time Processing Mode requirements and accommodate additional Batch Processing Mode requirements. • Substantive updates to facilitate inclusion of disclosure of socio-demographic data collection, exchange and use into the transaction-specific companion guide. • Additional non-substantive updates for clarity. 	December 2023

DRAFT

**CAQH Committee on Operating Rules for Information Exchange (CORE) Attributed Patient Roster
(X12 v5010X318 834) Infrastructure Rule vAPR.3.0**

Table of Contents

1. Background Summary	4
1.1. CAQH CORE Overview.....	4
1.2. Industry Interest in Value-based Payments Focused Data Operating Rules.....	4
2. Issues to be Addressed and Business Requirement Justification	5
2.1. Problem Space.....	5
2.2. Business Requirement Justification and Focus of the CAQH CORE Attributed Patient Roster (X12 v5010X318 834) Infrastructure Rule	6
3. CAQH CORE Attributed Patient Roster (X12 v5010X318 834) Infrastructure Rule: Requirements Scope.....	7
3.1. What the Rule Applies to	7
3.2. When the Rule Applies	7
3.3. When the Rule Does Not Apply.....	7
3.4. What the Rule Does Not Require	8
3.5. Maintenance of this Rule	8
3.6. Assumptions.....	8
3.7. Abbreviations and Definitions Used in This Rule.....	8
4. CAQH CORE Attributed Patient Roster (X12 v5010X318 834) Infrastructure Rule: Rule Requirements.....	9
4.1. Plan Member Reporting for Attributed Patient Roster Connectivity Requirements	9
4.2. Plan Member Reporting for Attributed Patient Roster System Availability.....	9
4.2.1. System Availability Requirements.....	10
4.2.2. Reporting Requirements	10
4.3. Plan Member Reporting for Attributed Patient Roster Real Time Processing Mode Response Time Requirements.....	10
4.4. Plan Member Reporting for Attributed Patient Roster Real Time Processing Mode Acknowledgement Requirements	11
4.5. Plan Member Reporting for Attributed Patient Roster Batch Processing Mode Response Time Requirements.....	11
4.6. Plan Member Reporting for Attributed Patient Roster Batch Processing Mode Acknowledgement Requirements.....	12
4.6.1. Use of the X12 999 Implementation Acknowledgement for Functional Group Acknowledgement	12
4.7. Plan Member Reporting for Attributed Patient Roster Companion Guide.....	12
4.7.1. Requirements to Follow the Format and Flow of the CAQH CORE Companion Guide Template for HIPAA Transactions.....	12
4.7.2. Requirements to Include Language Disclosing Collection, Exchange, Processing, and Use of Socio-Demographic Information Collected at Enrollment or Renewal.....	13
4.8. Minimum Monthly Requirement to Send Roster	13
5. Conformance Requirements.....	14

**CAQH Committee on Operating Rules for Information Exchange (CORE) Attributed Patient Roster
(X12 v5010X318 834) Infrastructure Rule vAPR.3.0**

1 **1. Background Summary**

2 **1.1. CAQH CORE Overview**

3 CORE is an industry-wide facilitator committed to the creation and adoption of healthcare operating rules
4 that support standards, accelerate interoperability, and align administrative and clinical activities among
5 providers, health plans and patients. Guided by over 100 participating organizations – including
6 healthcare providers, health plans, government entities, vendors, associations, and standards
7 development organizations – CORE Operating Rules drive a trusted, simple, and sustainable healthcare
8 information exchange that evolves and aligns with market needs.¹

9 To date, this cross-industry commitment has resulted in operating rules addressing many pain points of
10 healthcare business transactions, including eligibility and benefits verification, claims and claims status,
11 claim payment and remittance, health plan premium payment, enrollment and disenrollment, prior
12 authorization, and aspects of value-based healthcare such as patient attribution data exchange and
13 addressing social determinants of health (SDOH).

14 **1.2. Industry Interest in Value-based Payments Focused Data Operating Rules**

15 Value-based Payment models (VBP) are transformative to the healthcare landscape. Shifting reliance
16 away from fee-for-service, volume-driven payment, VBP incentivizes good outcomes and the thoughtful
17 utilization of services. Doing so drives efficiency – measured by both time and dollars – and increases the
18 quality of care provided to attributed patient populations.

19 The move to value-driven models is accelerating, but continued reliance on a fee-for-service
20 infrastructure paired with the need for stakeholders to accommodate new, innovative methodologies
21 leads to administrative barriers that are often solved using manual workarounds. CORE and other key
22 industry leaders recognize the need for standardization and uniformity to further support value-based
23 payment programs and their aim to create more efficient and effective patient care.

24 CORE is an active contributor to the evolution, adoption, and simplification of VBP models. In 2018,
25 CORE released the foundational report, [All Together Now: Applying the Lessons of Fee-for-Service to
26 Streamline Adoption of Value-based Payments](#), informed by industry partners who identified common
27 barriers to VBP adoption, including, but not limited to:

- 28 • A lack of data uniformity.
- 29 • Challenges with patient attribution.
- 30 • Nascent technical interoperability.

31 This pioneering work led to the consensus-based development of a set of CORE Operating Rules
32 addressing patient attribution, including this infrastructure rule. The set is:

- 33 • CORE Eligibility & Benefits (270/271) Single Patient Attribution Data Content Rule vEB.1.0.
- 34 • CORE Attributed Patient Roster (X12 v5010X318 834) Data Content Rule.
- 35 • CORE Attributed Patient Roster (X12 v5010X318 834) Infrastructure Rule.

36 Underpinning the continued relevance and importance of patient attribution, the National Committee for
37 Vital and Health Statistics (NCVHS), a federal advisory committee to the Department of Health and
38 Human Services (HHS), sent a letter to the Secretary of HHS recommending several CORE Operating
39 Rules for federal adoption, including the CORE Single Patient Attribution Operating Rule.² This marks the
40 first time an operating rule directly addressing value-based payments was recommended for federal

¹ In 2012, CORE was designated by the Secretary of the Department of Health and Human Services (HHS) as the author for [federally mandated operating rules](#) under Section 1104 of the Patient Protection and Affordable Care Act (ACA). See Appendix §5.1 for more information.

² Letter submitted by NCVHS to HHS on June 30, 2023: https://ncvhs.hhs.gov/wp-content/uploads/2023/07/Recommendation-Letter-Updated-and-New-CAQH-CORE-Operating-Rules-June-30-2023_Redacted-508.pdf.

**CAQH Committee on Operating Rules for Information Exchange (CORE) Attributed Patient Roster
(X12 v5010X318 834) Infrastructure Rule vAPR.3.0**

41 adoption by NCVHS. The Single Patient Attribution Rule is the foundation of which this rule builds upon.

42 In 2022, in recognition of the changing contexts in which VBP is implemented, CORE conducted an
43 extensive environmental scan to understand how known barriers to the adoption of VBP have
44 evolved and what new areas have emerged since the foundational work completed in 2018. These
45 findings, detailed in the report, [Unifying Value: Industry Opportunities to Streamline Value-based
46 Payment Data Exchange](#), confirmed the relevance and influence of the operational areas identified in
47 the 2018 – including patient attribution - and highlighted new challenges associated, including:

- 48 • Incorporation of methodologies to promote health equity and
- 49 • Growing administrative complexity of value-based payment models.

50 In 2023, CORE convened a Value-based Payment Subgroup to evaluate these opportunities further and
51 assess the need for new or updated operating rules to de-burden and streamline the administration of
52 VBP. Among the topics considered were updates to existing Attributed Patient Roster Operating Rules to
53 incorporate socio-demographic information that can be leveraged by providers to sensitively and
54 proactively address health inequities in their attributed patient populations.

55 **2. Issues to be Addressed and Business Requirement Justification**

56 **2.1. Problem Space**

57 In VBP models, Participants³ are rewarded with incentive payments or penalized for the quality of patient
58 care delivered to a specific population. These models look to support the quintuple aim: better care for
59 individuals, better health for populations and a lower cost to health care while supporting provider well-
60 being and advancing health equity.

61 A process called “attribution” matches individual patients in a population with providers. Attribution
62 ultimately determines the patients for which a VBP Entity or Participant is responsible within a population.
63 Attribution also serves as a basis for the analytic platforms that are used by VBP Entities and Participants
64 to administer programs and monitor performance. Clear attribution information is essential to tie patient-
65 specific details to model-specific metrics, such as total costs of care, outcomes, and distribution of shared
66 savings/shared risk.

67 Providers participating in CORE research consistently identify attribution as an important opportunity area
68 for improvement in the administration of VBP models. Providers are inhibited by the “black box”
69 methodologies used by health plans to carry-out patient attribution, leading to confusion in how or why a
70 patient has been assigned to them – particularly if a prior relationship is limited or non-existent. Though
71 the VBP Entities who execute and administer contracts may have some insight into specific attribution
72 methodologies, it is uncommon for this information to trickle down into provider-facing settings. As a
73 result, providers feel that they are not receiving the data necessary to succeed in value-based payment
74 models and proactively manage these patients’ health, which ultimately impact the physicians’ bottom
75 line.

76 Clearly defined and accurate data are needed to attribute patients to providers. Identifying providers at
77 the individual level, their relationships to other providers, (e.g., same group, same physical location, within
78 network), and their specialty with respect to their patients (e.g., primary care physician, specialist by type)
79 can improve the accuracy of patient attribution. Additionally, VBP models require a mechanism for
80 sharing attribution data and, with it, insights about the socio-demographic characteristics of a population
81 empowering providers to address health inequities at the point-of-care. Key issues and needs include:

82

³ Participant is defined in the CAQH CORE Framework for Semantic Interoperability in VBP. Version pending approval [here](#).

CAQH Committee on Operating Rules for Information Exchange (CORE) Attributed Patient Roster (X12 v5010X318 834) Infrastructure Rule vAPR.3.0

- 83 • Promoting use of standardized data elements, including those identifying social characteristics,
84 and provider attribution methodologies that identify providers at the individual level, as well as
85 their relationships to other providers.
- 86 • Providing a clear way to identify members of a patient population associated with risk-based
87 contracts.
- 88 • Ensuring attribution methodologies assign patients to providers that are directly within the
89 providers' care and hold providers responsible only for services and costs within their control.
- 90 • Providing the simplest transport for providers to synchronize data with practice
91 management systems and Electronic Health Records (EHRs), and to enable
92 providers and health plans to validate individual enrollment at the point of care and
93 population level enrollment in value-based payment programs.

94 When facilitating the collection of potentially sensitive socio-demographic information, special care must
95 be taken to ensure its security and its accuracy in representing a members' personal experience. Best
96 practices for collection, identified by CORE Participants, are recorded in §2.3 of the associated CORE
97 Benefit Enrollment and Maintenance Data Content Rule. That content is additionally available as a
98 standalone document [here](#). CORE encourages implementers to reference these resources as they
99 consider the exchange of this important, sensitive information.

100 **2.2. Business Requirement Justification and Focus of the CORE Attributed Patient Roster (X12**
101 **v5010X318 834) Infrastructure Rule**

102 The CORE Attributed Patient Roster (X12 v5010X318 834) Infrastructure Rule addresses the X12
103 v5010X318 Plan Member Reporting (834) transaction (hereafter referred to as the X12 v5010X318 834) to
104 allow the industry to leverage its investment in the CORE Attributed Patient Roster (X12 v5010X318 834)
105 Data Content Rule as well as the X12 v5010X231 Implementation Acknowledgment for Health Care
106 Insurance (999) transaction and all associated errata (hereafter referred to as X12 v5010X231 999) for the
107 exchange of patient rosters. Benefits to the industry from applying the CORE infrastructure requirements
108 to the X12 v5010X318 834 include:

- 109 • Consistent infrastructure and service level agreements across administrative transactions.
- 110 • Increased consistency and automation across entities.
- 111 • Reduced administrative costs.
- 112 • More efficient processes.
- 113 • Enhanced revenue cycle management.

114 The inclusion of this CORE Attributed Patient Roster (X12 v5010X318 834) Infrastructure Rule continues
115 to facilitate industry momentum to increase access to electronic administrative transactions, and will
116 encourage all HIPAA-covered entities, business associates, intermediaries, and vendors to build on and
117 extend the infrastructure they have established for other business transactions.

118 For each transaction addressed by the CORE Operating Rules, the CORE Participants developed
119 foundational infrastructure rules addressing response times, appropriate Batch and Real Time
120 acknowledgements, system availability, common companion guide formats, and a connectivity safe
121 harbor.

122 By promoting consistent connectivity and infrastructure expectations between health plans and providers,
123 manual processes are reduced, and electronic transaction usage increased. Applying the CORE
124 infrastructure requirements to the X12 v5010X318 834 transaction ensures alignment across
125 administrative data exchanges.

126 The CORE Attributed Patient Roster (X12 v5010X318 834) Infrastructure Rule is designed to bring
127 consistency and improve the exchange of patient rosters. These infrastructure rules requirements include:

- 128 • Batch exchange of the X12 v5010X318 834 transactions at least monthly for patient rosters.
- 129 • The consistent use of the X12 v5010X231 999 for Batch and Real-time exchanges.
- 130 • Use of the public internet for connectivity.

**CAQH Committee on Operating Rules for Information Exchange (CORE) Attributed Patient Roster
(X12 v5010X318 834) Infrastructure Rule vAPR.3.0**

- 131 • Use of a best practice template for format and flow of companion guides for entities that issue
132 them.

133 During the 2020 development and 2023 update of the CORE Attributed Patient Roster (X12 v5010X318
134 834) Infrastructure Rule, CORE used discussions, research, and straw poll results to determine which
135 infrastructure requirements should be applied to the exchange of the X12 v5010X318 834 transaction. The
136 table below lists the infrastructure requirements incorporated into this rule in §4.

Infrastructure Requirements for the X12 v5010X318 834 Transaction	
CORE Infrastructure Requirement Description	Apply to CAQH CORE Benefit Enrollment Infrastructure Rule for the X12 v5010X318 834
Processing Mode	Y
Connectivity	Y
System Availability	Y
Real Time Processing Mode Response Time	Y
Batch Processing Mode Response Time	N
Real Time Acknowledgements	Y
Batch Acknowledgements	Y
Companion Guide	Y

137
138 As with all CORE Operating Rules, the CORE Attributed Patient Roster (X12 v5010X318 834)
139 Infrastructure Rule requirements are intended as a base or minimum set of requirements, and it is
140 expected that many entities will go beyond these requirements as they work towards the goal of
141 administrative interoperability. The rule requires that HIPAA-covered health plans or their agents⁴ make
142 appropriate use of the standard acknowledgements, support the CORE Connectivity requirements, and
143 use the CORE Master Companion Guide Template when publishing their X12 v5010X318 834 companion
144 guide for the use of exchanging attributed patient rosters.

145 By applying these CORE infrastructure requirements to the conduct of the X12 v5010X318 834
146 transactions for exchanging patient rosters, this CORE Attributed Patient Roster (X12 v5010X318 834)
147 Infrastructure Rule helps provide the information that is necessary to electronically exchange patient
148 rosters uniformly and consistently, reducing cost associated with proprietary transaction processes.

149 **3. CORE Attributed Patient Roster (X12 v5010X318 834) Infrastructure Rule: Requirements Scope**

150 **3.1. What the Rule Applies to**

151 This CORE Attributed Patient Roster (X12 v5010X318 834) Infrastructure Rule applies to the conduct of
152 the X12 v5010X318 834 Plan Member Reporting transaction.

153 **3.2. When the Rule Applies**

154 This CORE Attributed Patient Roster (X12 v5010X318 834) Infrastructure Rule applies, when:

- 155 • A HIPAA-covered health plan and its agent uses, conducts, or processes the X12 v5010X318
156 834 transaction for the use of exchanging attributed patient rosters.
- 157 • A receiver of an attributed patient roster acknowledges receipt using the X12 v5010X231|
158 999 transaction.

159 **3.3. When the Rule Does Not Apply**

160 This rule does not require any entity to conduct, use or process the X12 v5010X318 834 transaction if

⁴ One who agrees and is authorized to act on behalf of another, a principal, to legally bind an individual in particular business transactions with third parties pursuant to an agency relationship. Source: West's Encyclopedia of American Law, edition 2. Copyright 2008 The Gale Group, Inc. All rights reserved.

**CAQH Committee on Operating Rules for Information Exchange (CORE) Attributed Patient Roster
(X12 v5010X318 834) Infrastructure Rule vAPR.3.0**

161 it currently does not do so or is not required by Federal or state regulation to do so.

162

163

3.4. What the Rule Does Not Require

164 This rule does not require use of a specific attribution methodology.

165 This rule does not address any data content requirements of the X12 v5010X318 834 transaction.⁵

166 This rule does not address requirements for the use of the X12 005010X307 834 transaction by the
167 ACA Federal or state Health Information Exchanges (HIX).

168 This rule does not address requirements for the use of the HIPAA-mandated X12 005010X220 834
169 transaction.⁶

170 **3.5. Maintenance of this Rule**

171 Any substantive updates to the rule (i.e., change to rule requirements) are determined based on industry
172 need as supported by the CORE Participants per the [CORE Change and Maintenance Process](#).

173 **3.6. Assumptions**

174

175 A goal of this rule is to adhere to the principles of electronic data interchange (EDI) in assuring that
176 transactions sent are accurately received and to facilitate the electronic exchange of patient attribution
177 status.

178 The following assumptions apply to this rule:

- 179 • A successful communication connection has been established.
- 180 • This rule is a component of the larger set of CORE Operating Rules
- 181 • The CORE Guiding Principles apply to this rule and all other rules.
- 182 • This rule is not a comprehensive companion document addressing any content requirements of
183 the X12 v5010X318 834 transaction.
- 184 • Compliance with all CORE Operating Rules is a minimum requirement; any entity is free to offer
185 more than what is required in the rule.

186 **3.7. Abbreviations and Definitions Used in This Rule**

- 187 • **Batch (Batch Mode, Batch Processing Mode):** Batch Mode is when the initial (first)
188 communications session is established and maintained open and active only for the time required
189 to transfer a batch file of one or more transactions. A separate (second) communications session
190 is later established and maintained open and active for the time required to acknowledge that the
191 initial file was successfully received and/or to retrieve transaction responses.

192 Batch Mode/Batch Processing Mode is also considered to be an asynchronous processing mode,
193 whereby the associated messages are chronologically and procedurally decoupled. In a request-
194 response interaction, the client agent can process the response at some indeterminate point in the
195 future when its existence is discovered. Mechanisms to implement this capability may include
196 polling, notification by receipt of another message, receipt of related responses (as when the
197 request receiver "pushes" the corresponding responses back to the requestor), etc.

198 Batch Mode/Batch Processing Mode is from the perspective of both the request initiator and the
199 request responder. If a Batch (asynchronous) request is sent via intermediaries, then such
200 intermediaries may, or may not, use Batch Processing Mode to further process the request.

- 201 • **Processing Mode:** Refers to when the payload of the connectivity message envelope is
202 processed by the receiving system, i.e., in Real Time or in Batch Mode.

⁵ For data content requirements for use of the X12 005010X318 834 transaction see the CORE Attributed Patient Roster (X12 005010X318 834) Data Content Rule.

⁶ For infrastructure requirements for use of the HIPAA-mandated X12 005010X220 834 transaction see the CORE Benefit Enrollment (834) Infrastructure Rule.

**CAQH Committee on Operating Rules for Information Exchange (CORE) Attributed Patient Roster
(X12 v5010X318 834) Infrastructure Rule vAPR.3.0**

203 • **Real Time (Real Time Mode, Real Time Processing Mode):** Real Time Mode is when an entity
204 is required to send a transaction and receive a related response within a single communications
205 session, which is established and maintained open and active until the required response is
206 received by the entity initiating that session.

207 Communication is complete when the session is closed.

208 Real Time Mode/Real Time Processing Mode is also considered to be a synchronous processing
209 mode.

210 Real Time Mode/Real Time Processing Mode is from the perspective of both the request initiator
211 and the request responder.

212 • **Safe Harbor:** A “Safe Harbor”⁵ is generally defined as a statutory or regulatory provision that
213 provides protection from a penalty or liability. In IT-related initiatives, a safe harbor describes a
214 set of standards/guidelines that allow for an “adequate” level of assurance when business
215 partners are transacting business electronically.

216 The CORE Connectivity Safe Harbor requires the implementation of the CORE Connectivity Rule
217 so that application vendors, providers, and health plans (or other their agents⁵) can be assured the
218 CORE Connectivity will be supported by any trading partner.

219 • **Value-based Payment Terminology:** To understand concepts, terms, and methodologies used
220 to navigate and administer value-based payment programs, CORE developed the CORE
221 Framework for Semantic Interoperability in Value-based Payments.⁷ Definitions included in the
222 Framework apply to the terminology used in this operating rule and others containing references
223 to value-based payment models. The CORE Attributed Patient Roster Infrastructure Rule
224 vAPR.2.0.0. does not require the adoption of any term or concept included in The Framework.

225 **4. CORE Attributed Patient Roster (X12 v5010X318 834) Infrastructure Rule: Rule Requirements**

226 **4.1. Plan Member Reporting for Attributed Patient Roster Connectivity Requirements**

227 An entity must be able to support the most current published and CORE adopted version of the CORE
228 Connectivity Rule (hereafter referred to as the CORE Connectivity Rule). This requirement addresses
229 usage patterns for batch transactions, the exchange of security identifiers, and communications-level
230 errors and acknowledgements. It does not attempt to define the specific content of the message
231 exchanges beyond declaring that the X12 formats must be used between covered entities, and security
232 information must be sent outside of the X12 payload.

233 The CORE Connectivity Rule is designed to provide a “safe harbor” that application vendors, providers,
234 and health plans (or their agents) can be assured will be supported by any trading partner. All
235 organizations must demonstrate the ability to implement connectivity as described in this section.

236 These requirements are not intended to require trading partners to remove existing connections that do
237 not match the rule, nor is it intended to require that all trading partners must use this method for all new
238 connections. CORE expects that in some technical circumstances, trading partners may agree to use
239 different communication mechanism(s) and/or security requirements than that described by these
240 requirements.

241 **4.2. Plan Member Reporting for Attributed Patient Roster System Availability**

242 Many health plans and their trading partners have a need to exchange attributed patient rosters outside of
243 the typical business day and business hours. Additionally, health plans and their trading partners are now
244 allocating staff resources to performing administrative and financial back-office activities on weekends
245 and evenings. As a result, health plans and their trading partners have a business need to be able to
246 conduct plan member reporting transactions at any time.

⁷ Version pending approval [here](#).

**CAQH Committee on Operating Rules for Information Exchange (CORE) Attributed Patient Roster
(X12 v5010X318 834) Infrastructure Rule vAPR.3.0**

247 On the other hand, health plans have a business need to periodically take their plan member reporting
248 processing and other systems offline to perform required system maintenance. This typically results in
249 some systems not being available for timely processing of X12 v5010X318 834 and X12 v5010X231 999
250 transactions on certain nights and weekends. This rule requirement addresses these conflicting needs.

251 **4.2.1. System Availability Requirements**

252

253 **4.2.1.1. Weekly System Availability Requirement**

254 System availability must be no less than 90 percent per calendar week. System is defined as all
255 necessary components required to process an X12 v5010X318 834 transaction and an X12
256 v5010X231 999 transaction. Calendar week is defined as 12:01 a.m. Sunday to 12:00 a.m. the
257 following Sunday. This allows for a HIPAA-covered health plan and its agent to schedule system
258 updates to take place within a maximum of 24 hours per calendar week for regularly scheduled
259 downtime.

260 **4.2.1.2. Quarterly System Availability Requirement**

261 A HIPAA-covered health plan or its agent may choose to use an additional 24 hours of scheduled
262 system downtime per calendar quarter. System is defined as all necessary components required to
263 process an X12 v5010X318 834 transaction and an X12 v5010X231 999 transaction. This will allow a
264 HIPAA-covered health plan or its agent to schedule additional downtime for substantive system
265 migration. This additional allowance in a system downtime is in excess of the allowable weekly
266 system downtime specified in §4.2.1.1.

267 **4.2.2. Reporting Requirements**

268 **4.2.2.1. Scheduled Downtime**

269 A HIPAA-covered health plan and its agent must publish its regularly scheduled system downtime in
270 an appropriate manner (e.g., on websites or in Companion Guides) such that the HIPAA-covered
271 health plan's trading partners can determine the health plan's system availability so that staffing levels
272 can be effectively managed.

273 **4.2.2.2. Non-Routine Downtime**

274 For non-routine downtime (e.g., system upgrade), a HIPAA-covered health plan and its agent must
275 publish the schedule of non-routine downtime at least one week in advance.

276 **4.2.2.3. Unscheduled Downtime**

277 For unscheduled/emergency downtime (e.g., system crash), a HIPAA-covered health plan and its
278 agent are required to provide information within one hour of realizing downtime is needed.

279 **4.2.2.4. No Response Required**

280 No response is required during scheduled, non-routine or unscheduled downtime(s).

281 **4.2.2.5. Holiday Schedule**

282 Each HIPAA-covered health plan and its agent establishes its own holiday schedule and publish it in
283 accordance with the rule requirements above.

284 **4.3. Plan Member Reporting for Attributed Patient Roster Real Time Processing Mode**
285 **Response Time Requirements**

286 *Maximum* response time for the receipt of an X12 v5010X231 999 transaction from the time of
287 submission or receipt of an X12 v5010X318 834 must be 20 seconds when processing in Real Time
288 Processing Mode.

**CAQH Committee on Operating Rules for Information Exchange (CORE) Attributed Patient Roster
(X12 v5010X318 834) Infrastructure Rule vAPR.3.0**

289 Each HIPAA-covered entity or its agent must support this *maximum* response time requirement to ensure
290 that at least 90 percent of all required responses are returned within the specified maximum response time
291 as measured within a calendar month.

292 Each HIPAA-covered entity or its agent must capture, log, audit, match, and report the date
293 (YYYYMMDD), time (HHMMSS) and control numbers from its own internal systems and the
294 corresponding data received from its trading partners.

295 The recommended maximum response time between each participant in the transaction routing path is 4
296 seconds or less per hop as long as the 20-second total roundtrip *maximum* requirement is met.

297 Each HIPAA-covered entity or its agent must support these response time requirements in this section
298 and other CORE Operating Rules regardless of the connectivity mode and methods used between
299 trading partners.

300 The goal of this requirement is to adhere to the principles of EDI in assuring that transactions sent are
301 accurately received and to facilitate correction of errors in Functional Groups of X12 v5010X318 834
302 transactions.

303 This requirement assumes a successful communication connection has been established.

304 **4.4. Plan Member Reporting for Attributed Patient Roster Real Time Processing Mode**
305 **Acknowledgement Requirements**

306 These requirements for use of acknowledgements for Real Time Processing mode places parallel
307 responsibilities on both receivers of the X12 v5010X318 834 and senders of the X12 v5010X318 834 for
308 sending and accepting X12 v5010X231 999 acknowledgements. The goal of this approach is to adhere to
309 the principles of EDI in assuring that transactions sent are accurately received and to facilitate health plan
310 correction of errors in their outbound transactions.

311 The rule assumes a successful communication connection has been established.

312 **4.5. Plan Member Reporting for Attributed Patient Roster Batch Processing Mode Response**
313 **Time Requirements**

314 *Maximum* response time for availability of X12 v5010X231 999 transaction when processing an X12
315 v5010X318 834 transaction submitted in Batch Processing Mode by 9:00 pm Eastern Time of a business
316 day by a health plan or its agent must be no later than 7:00 am Eastern Time the third business day
317 following submission.

318 A business day consists of the 24 hours commencing with 12:00 am (Midnight or 0000 hours) of each
319 designated day through 11:59 pm (2359 hours) of that same designated day. The actual calendar day(s)
320 constituting business days are defined by and at the discretion of each HIPAA-covered health plan or its
321 agent.

322 Each HIPAA-covered entity or its agent must support this *maximum* response time requirement to ensure
323 that at least 90 percent of all required responses are returned within the specified maximum response time
324 as measured within a calendar month.

325 Each HIPAA-covered entity or its agent must capture, log, audit, match, and report the date (YYYYMMDD),
326 time (HHMMSS) and control numbers from its own internal systems and the corresponding data received
327 from its trading partners.

328 Each HIPAA-covered entity or its agent must support these response time requirements in this section
329 and other CORE Operating Rules regardless of the connectivity mode and methods used between
330 trading partners.

331 The goal of this requirement is to adhere to the principles of EDI in assuring that transactions sent are
332 accurately received and to facilitate correction of errors in Functional Groups of X12 v5010X318 834
333 transactions.

334 This requirement assumes a successful communication connection has been established.

**CAQH Committee on Operating Rules for Information Exchange (CORE) Attributed Patient Roster
(X12 v5010X318 834) Infrastructure Rule vAPR.3.0**

335 **4.6. Plan Member Reporting for Attributed Patient Roster Batch Processing Mode**
336 **Acknowledgement Requirements**

337 These requirements for use of acknowledgements for Batch Mode places parallel responsibilities on
338 both receivers of the X12 v5010X318 834 and senders of the X12 v5010X318 834 for sending and
339 accepting X12 v5010X231 999 acknowledgements. The goal of this approach is to adhere to the
340 principles of EDI in assuring that transactions sent are accurately received and to facilitate health plan
341 correction of errors in their outbound transactions.

342 The rule assumes a successful communication connection has been established.

343 **4.6.1. Use of the X12 999 Implementation Acknowledgement for Functional Group**
344 **Acknowledgement**

345 A receiver of an X12 v5010X318 834 transaction must return:

- 346 • An X12 v5010X231 999 Implementation Acknowledgement for each Functional Group of X12
347 v5010X318 834 transactions to indicate that the Functional Group was either accepted, accepted
348 with errors or rejected.

349 AND

- 350 • To specify for each included X12 v5010X318 834 Transaction Set that the Transaction Set was
351 either accepted, accepted with errors or rejected.

352 A health plan must be able to accept and process an X12 v5010X231 999 for a Functional Group of X12
353 v5010X318 834 transactions.

354 When a Functional Group of X12 v5010X318 834 transactions is either accepted with errors or rejected,
355 the X12 v5010X231 999 Implementation Acknowledgement must report each error detected to the most
356 specific level of detail supported by the X12 v5010X231 999 Implementation Acknowledgement.

357 **4.7. Plan Member Reporting for Attributed Patient Roster Companion Guide**

358 A HIPAA-covered health plan and its agent have the option of creating a “companion guide” that
359 describes the specifics of how it implements the X12 transactions. The companion guide is in addition to
360 and supplements the corresponding X12 TR3 Implementation Guide.

361 Historically, HIPAA-covered health plans and their agents have independently created companion guides
362 that vary in format and structure. Such variance can be confusing to trading partners who must review
363 numerous companion guides along with the X12 TR3 Implementation Guides. To address this issue,
364 CORE developed the CORE Master Companion Guide Template for health plans and their agents. Using
365 this template, health plans and their agents can ensure that the structure of their Companion Guide is
366 similar to other health plan documents, making it easier for its trading partners to find information quickly
367 as they consult each health plan document on these important industry EDI transactions.

368 Developed with input from multiple health plans, system vendors, provider representatives, and health
369 care/HIPAA industry experts, this template organizes information into several simple sections – General
370 Information (Sections 1-9) and Transaction-Specific Information (Section 10) – accompanied by an
371 Appendix. Note that the Companion Guide template is presented in the form of an example from the
372 viewpoint of a fictitious Acme Health Plan.

373 Although CORE believes that a standard template/common structure is desirable, it recognizes that
374 different health plans may have different requirements. The CORE Master Companion Guide Template
375 gives health plans the flexibility to tailor the document to meet their needs.

376

377 **4.7.1. Requirements to Follow the Format and Flow of the CAQH CORE Companion**
378 **Guide Template for HIPAA Transactions**

379 If a HIPAA-covered entity and its agent publishes a companion guide covering the X12 v5010X318 834
380 transaction for the use of exchanging attributed patient rosters, the companion guide must follow the

**CAQH Committee on Operating Rules for Information Exchange (CORE) Attributed Patient Roster
(X12 v5010X318 834) Infrastructure Rule vAPR.3.0**

381 format/flow as defined in the CORE Master Companion Guide Template for HIPAA transactions.

382 **NOTE:** This rule does not require any entity to modify any other existing companion guides that cover other
383 HIPAA-mandated transaction implementation guides.

384 **4.7.2. Requirements to Include Language Disclosing Collection, Exchange, Processing,
385 and Use of Socio-Demographic Information Collected at Enrollment or Renewal**

386 Consistent with implementation of requirements in the CORE Benefit Enrollment and Maintenance Data
387 Content Operating Rule, a health plan and its agent must create language disclosing the purpose and use
388 associated with the collection, exchange, and processing of socio-demographic information at member
389 enrollment, renewal, or maintenance. It is required that this information is presented unaltered to
390 members at enrollment, renewal, or maintenance to inform their decision to share potentially sensitive
391 demographic information.

392 The information indicated for exchange through the X12 v5010X318 834 is facilitated using the CORE
393 Benefit Enrollment and Maintenance Data Content Rule. Although the information is collected according
394 the to the requirements of the referenced rule and, as such, members are provided the disclosure
395 language – in the interest of full transparency and maximizing opportunities for member consent, if a
396 health plan or its agent publishes a Companion Guide covering the X12 v5010X318 834 transaction, the
397 generated disclosure language must be included in the Companion Guide Appendix and appropriately
398 appear in the table of contents to allow for ease of access. This requirement is purposefully redundant to
399 augment disclosure and consent processes.

400 **4.8. Minimum Monthly Requirement to Send Roster**

401 A CORE-certified health plan and its agent must send or make available for pick-up an updated patient
402 roster via the X12 v5010X318 834 transaction to those providers for whom a value-based contract is in
403 effect *at least* once per month. An updated roster removes patients no longer attributed to provider and
404 adds new patients attributed to the provider since last transaction with effective dates of attribution
405 included and new effective dates for attributed patients where applicable. The timing of the receipt of the
406 X12 v5010X318 834 transaction by the provider is to be determined by trading partner agreement to
407 support the business needs of both parties.

408 **5. Conformance Requirements**

409 Conformance with this rule is considered achieved when all the required detailed step-by-step test scripts
410 specified in the CORE Certification Test Suite are successfully passed.