

# MQE Detections Documentation

## 1. General

### 1.1. Authorization

#### 1.1.1. Accept

Description
<b>MQE0002</b> General authorization exception

### 1.2. Configuration

#### 1.2.1. Accept

Description
<b>MQE0003</b> General configuration exception

#### 1.2.2. Warn

Description
<b>MQE0000</b> General configuration is unrecognized

### 1.3. Parse

#### 1.3.1. Accept

Description
<b>MQE0004</b> General parse exception

### 1.4. Object

#### 1.4.1. Accept

Description	
<b>MQE0545</b> General object is missing	
Rule Name	Details
PatientExists	No value found, no data sent, nothing to analyze.

### 1.5. Processing

#### 1.5.1. Accept

Description
<b>MQE0005</b> General processing exception

Description
-------------

## 2. Message Header

### 2.1. Sending Application (MSH-3)

#### 2.1.1. Accept

Description	
MQE0035 Message Header sending application is missing	
Rule Name	Details
MessageHeaderFieldsArePresent	Message Sending Application is not indicated

### 2.2. Sending Responsible Organization (MSH-22)

#### 2.2.1. Warn

Description
MQE0556 Message Header sending responsible organization is missing

### 2.3. App Ack Type (MSH-16)

#### 2.3.1. Accept

Description	
MQE0410 Message Header app ack type is missing	
Rule Name	Details
MessageHeaderFieldsArePresent	Message Application Acknowledgment Type is missing

### 2.4. Processing Id (MSH-11)

#### 2.4.1. Accept

Description
MQE0023 Message Header processing id is missing

### 2.5. Receiving Application (MSH-5)

#### 2.5.1. Accept

Description	
MQE0030 Message Header receiving application is missing	
Rule Name	Details
MessageHeaderFieldsArePresent	Message Receiving Application is not indicated

### 2.6. Accept Ack Type (MSH-15)

### 2.6.1. Accept

Description	
MQE0006 Message Header accept ack type is missing	
Rule Name	Details
MessageHeaderFieldsArePresent	Message Accept Acknowledgment Type is missing

## 2.7. Message Type (MSH-9.1)

### 2.7.1. Warn

Description
MQE0020 Message Header message type is missing

## 2.8. Message Date (MSH-7)

### 2.8.1. Error

Description	
MQE0015 Message Header message date is in future	
Rule Name	Details
MessageHeaderDateIsValid	Message Header date is over 2 hours into the future.

Description
MQE0017 Message Header message date is missing

Description	
MQE0531 Message Header message date is an unexpected format	
Rule Name	Details
MessageHeaderDateIsValid	Message Header date cannot be translated to a date

### 2.8.2. Warn

Description
MQE0526 Message Header message date is not precise

Description
MQE0527 Message Header message date is missing timezone

## 2.9. Version (MSH-12)

### 2.9.1. Accept

Description	
MQE0038 Message Header version is missing	
Rule Name	Details

MessageVersionIsValid	Message Version is not indicated
-----------------------	----------------------------------

### 2.9.2. Warn

Description	
<b>MQE0039</b> Message Header version is unrecognized	
Rule Name	Details
MessageVersionIsValid	Message version is not a version of 2.3, 2.4, or 2.5

Description
<b>MQE0523</b> Message Header version is invalid

## 2.10. Message Control Id (MSH-10)

### 2.10.1. Warn

Description	
<b>MQE0014</b> Message Header message control id is missing	
Rule Name	Details
MessageHeaderFieldsArePresent	Message Control Id is not indicated

## 2.11. Message Trigger (MSH-9.2)

### 2.11.1. Warn

Description
<b>MQE0018</b> Message Header message trigger is missing

## 2.12. Message Profile Id (MSH-21)

### 2.12.1. Accept

Description
<b>MQE0439</b> Message Header message profile id is missing

## 2.13. Sending Facility (MSH-4)

### 2.13.1. Warn

Description
<b>MQE0037</b> Message Header sending facility is missing

## 2.14. Receiving Facility (MSH-6)

### 2.14.1. Accept

Description

<b>MQE0032</b> Message Header receiving facility is missing	
Rule Name	Details
MessageHeaderFieldsArePresent	Message Receiving Facility is not indicated

### 3. Patient

#### 3.1. Address Type (PID-11.7)

##### 3.1.1. Accept

Description	
<b>MQE0451</b> Patient address type is missing	
Rule Name	Details
PatientAddressIsValid	No value found, no data sent, nothing to analyze.

Description	
<b>MQE0519</b> Patient address type is invalid	

##### 3.1.2. Warn

Description	
<b>MQE0517</b> Patient address type is deprecated	

Description	
<b>MQE0520</b> Patient address type is unrecognized	
Rule Name	Details
PatientAddressIsValid	Code submitted is not recognized as either valid or invalid because it is unknown to this system.

##### 3.1.3. Info

Description	
<b>MQE0518</b> Patient address type is ignored	

Description	
<b>MQE0521</b> Patient address type is valued bad address	
Rule Name	Details
PatientAddressIsValid	Address Type indicates the address is a bad address.

#### 3.2. Birth Registry Id (PID-3)

##### 3.2.1. Accept

Description	
<b>MQE0128</b> Patient birth registry id is missing	

### 3.2.2. Warn

Description
<b>MQE0127</b> Patient birth registry id is invalid

### 3.3. Email (PID-13.4)

#### 3.3.1. Accept

Description	
MQE0588 Patient email is invalid	
Rule Name	Details
PatientEmailIsPresent	Coded value is recognized and is considered to be an invalid code, which means that there are no valid uses for this coded value.

Description	
MQE0589 Patient email is missing	
Rule Name	Details
PatientEmailIsPresent	No value found, no data sent, nothing to analyze.

### 3.4. Phone Tel Equip Code (PID-13.3)

#### 3.4.1. Accept

Description	
MQE0461 Patient phone tel equip code is missing	
Rule Name	Details
PatientPhoneIsValid	No value found, no data sent, nothing to analyze.

#### 3.4.2. Warn

Description	
MQE0458 Patient phone tel equip code is deprecated	
Rule Name	Details
PatientPhoneIsValid	Deprecated code value.

Description	
MQE0460 Patient phone tel equip code is invalid	
Rule Name	Details
PatientPhoneIsValid	Coded value is recognized and is considered to be an invalid code, which means that there are no valid uses for this coded value.

Description	
MQE0462 Patient phone tel equip code is unrecognized	
Rule Name	Details

PatientPhoneIsValid	Code submitted is not recognized as either valid or invalid because it is unknown to this system.
---------------------	---

#### 3.4.3. Info

Description
<b>MQE0459</b> Patient phone tel equip code is ignored

### 3.5. Address Zip (PID-11.5)

#### 3.5.1. Accept

Description	
MQE0113 Patient address zip is missing	
Rule Name	Details
PatientAddressIsValid	No value found, no data sent, nothing to analyze.

#### 3.5.2. Warn

Description
<b>MQE0112</b> Patient address zip is invalid

### 3.6. Guardian Address State (NK1-4.4)

#### 3.6.1. Accept

Description	
MQE0150 Patient guardian address state is missing	
Rule Name	Details
NextOfKinGuardianAddressIsValid	No value found, no data sent, nothing to analyze.
PatientResponsiblePartyIsProperlyFormed	No value found, no data sent, nothing to analyze.

### 3.7. Name Last (PID-5.1)

#### 3.7.1. Error

Description	
MQE0165 Patient name last is invalid	
Rule Name	Details
PatientNameIsValid	Patient last name must not be on the specified invalid name list ('X','U','UN','UK','UNK', 'UNKN', 'NONE').

Description	
MQE0166 Patient name last is missing	
Rule Name	Details
PatientNameIsValid	

### 3.8. Primary Facility Id (PD1-3.3)

#### 3.8.1. Accept

Description
<b>MQE0179</b> Patient primary facility id is invalid

Description	
MQE0180 Patient primary facility id is missing	
Rule Name	Details
PatientCodesAreValid	No value found, no data sent, nothing to analyze.

#### 3.8.2. Warn

Description
<b>MQE0177</b> Patient primary facility id is deprecated

Description
<b>MQE0181</b> Patient primary facility id is unrecognized

#### 3.8.3. Info

Description
<b>MQE0178</b> Patient primary facility id is ignored

### 3.9. Immunization Registry Status (PD1-16)

#### 3.9.1. Accept

Description
<b>MQE0163</b> Patient immunization registry status is missing

#### 3.9.2. Warn

Description
<b>MQE0160</b> Patient immunization registry status is deprecated

Description
<b>MQE0162</b> Patient immunization registry status is invalid

Description
<b>MQE0164</b> Patient immunization registry status is unrecognized

#### 3.9.3. Info

Description
-------------



**MQE0161** Patient immunization registry status is ignored

### 3.10. Death Date (PID-29)

#### 3.10.1. Accept

Description	
<b>MQE0129</b> Patient death date is before birth	
Rule Name	Details
PatientDeathDateIsValid	Date given is before patient birth date.

Description	
<b>MQE0130</b> Patient death date is in future	
Rule Name	Details
PatientDeathDateIsValid	Date given is in the future.

Description	
<b>MQE0131</b> Patient death date is invalid	
Rule Name	Details
PatientDeathDateIsValid	The death date cannot be translated to a date.

#### 3.10.2. Warn

Description	
<b>MQE0132</b> Patient death date is missing	
Rule Name	Details
PatientDeathDateIsValid	The death indicator is marked as dead, but there is no death date.

### 3.11. Guardian Name First (NK1-2.2)

#### 3.11.1. Warn

Description	
<b>MQE0153</b> Patient guardian name first is missing	
Rule Name	Details
PatientResponsiblePartyIsProperlyFormed	No value found, no data sent, nothing to analyze.

### 3.12. Submitter Id Type Code (PID-3.5)

#### 3.12.1. Error

Description	
<b>MQE0394</b> Patient submitter id type code is missing	
Rule Name	Details
PatientSubmitterIsValid	No value found, no data sent, nothing to analyze.

Description
<b>MQE0513</b> Patient submitter id type code is invalid

### 3.12.2. Warn

Description
<b>MQE0512</b> Patient submitter id type code is deprecated

Description
<b>MQE0514</b> Patient submitter id type code is unrecognized

### 3.12.3. Info

Description
<b>MQE0515</b> Patient submitter id type code is ignored

## 3.13. Guardian Address Zip (NK1-4.6)

### 3.13.1. Accept

Description	
MQE0599 Patient guardian address zip is missing	
Rule Name	Details
NextOfKinGuardianAddressIsValid	No value found, no data sent, nothing to analyze.

## 3.14. Address County (PID-11.9)

### 3.14.1. Accept

Description	
MQE0103 Patient address county is missing	
Rule Name	Details
PatientAddressIsValid	No value found, no data sent, nothing to analyze.

Description
<b>MQE0104</b> Patient address county is unrecognized

### 3.14.2. Warn

Description
<b>MQE0100</b> Patient address county is deprecated

Description
<b>MQE0102</b> Patient address county is invalid

### 3.14.3. Info

Description
<b>MQE0101</b> Patient address county is ignored

### 3.15. Primary Facility Name (PD1-3.1)

#### 3.15.1. Accept

Description	
MQE0182 Patient primary facility name is missing	
Rule Name	Details
PatientCodesAreValid	No value found, no data sent, nothing to analyze.

### 3.16. Protection Indicator (PD1-12)

#### 3.16.1. Accept

Description	
MQE0197 Patient protection indicator is missing	
Rule Name	Details
PatientProtectionIndicatorIsValid	No value found, no data sent, nothing to analyze.

Description	
MQE0199 Patient protection indicator is valued as no	
Rule Name	Details
PatientProtectionIndicatorIsValid	Patient Protection Indicator value is 'N'.

#### 3.16.2. Warn

Description	
MQE0194 Patient protection indicator is deprecated	
Rule Name	Details
PatientProtectionIndicatorIsValid	Deprecated code value.

Description	
MQE0196 Patient protection indicator is invalid	
Rule Name	Details
PatientProtectionIndicatorIsValid	Coded value is recognized and is considered to be an invalid code, which means that there are no valid uses for this coded value.

Description	
MQE0198 Patient protection indicator is unrecognized	
Rule Name	Details
PatientProtectionIndicatorIsValid	Code submitted is not recognized as either valid or invalid because it is unknown to this system.

Description	
MQE0200 Patient protection indicator is valued as yes	
Rule Name	Details
PatientProtectionIndicatorIsValid	Patient Protection Indicator value is 'Y'.

### 3.16.3. Info

Description	
MQE0195 Patient protection indicator is ignored	

## 3.17. Birth Date (PID-7)

### 3.17.1. Accept

Description	
MQE0565 Patient birth date is on 15th day of month	
Rule Name	Details
PatientBirthDateCharacteristic	Patient birth date is on the 15th day of the month.
PatientBirthDateIsReasonable	Patient birth date is on the 15th day of the month.

Description	
MQE0566 Patient birth date is on first day of month	
Rule Name	Details
PatientBirthDateCharacteristic	Patient birth date is on the first day of the month.
PatientBirthDateIsReasonable	Patient birth date is on the first day of the month.

Description	
MQE0567 Patient birth date is on last day of month	
Rule Name	Details
PatientBirthDateCharacteristic	Patient birth date is on the last day of the month.
PatientBirthDateIsReasonable	Patient birth date is on the last day of the month.

Description	
MQE0119 Patient birth date is underage	
Rule Name	Details
PatientIsUnderage	null

### 3.17.2. Error

Description	
MQE0115 Patient birth date is after submission	
Rule Name	Details
PatientBirthDateIsReasonable	Patient birth date is over 2 hours after the message header date.

Description	
<b>MQE0117</b> Patient birth date is invalid	
Rule Name	Details
PatientBirthDateIsValid	Patient Birth date cannot be translated to a date.

Description	
<b>MQE0118</b> Patient birth date is missing	
Rule Name	Details
PatientBirthDateIsValid	No value found, no data sent, nothing to analyze.

### 3.17.3. Warn

Description	
<b>MQE0120</b> Patient birth date is very long ago	
Rule Name	Details
PatientBirthDateIsReasonable	Patient is over 120 years old.

## 3.18. Mother's Maiden Name (PID-6.1)

### 3.18.1. Accept

Description	
<b>MQE0171</b> Patient mother's maiden name is missing	
Rule Name	Details
PatientMothersMaidenNameIsValid	No value found, no data sent, nothing to analyze.

Description	
<b>MQE0547</b> Patient mother's maiden name is invalid	
Rule Name	Details
PatientMothersMaidenNameIsValid	Patient maiden name must not be on the specified invalid name list ('X','UN','UK','UNK', 'UNKN', 'NONE').

Description	
<b>MQE0548</b> Patient mother's maiden name has junk name	
Rule Name	Details
PatientMothersMaidenNameIsValid	Patient maiden name must not be on the specified junk name list ('UNKNOWN','NONE','NO LAST NAM','NO LAST NAME', 'NONAME', 'NO NAME', 'EMPTY', 'MISSING').

Description	
<b>MQE0549</b> Patient mother's maiden name has invalid prefixes	
Rule Name	Details
PatientMothersMaidenNameIsValid	Patient maiden name must not be on the specified invalid prefixes name list ('ZZ','XX').

Description	
<b>MQE0550</b> Patient mother's maiden name is too short	
Rule Name	Details
PatientMothersMaidenNameIsValid	Patient maiden name must be more than 1 character in length.

### 3.19. Immunity Code

#### 3.19.1. Warn

Description	
<b>MQE0606</b> Patient immunity code is deprecated	
Rule Name	Details
PatientImmunityIsValid	Deprecated code value.

Description	
<b>MQE0607</b> Patient immunity code is unrecognized	
Rule Name	Details
PatientImmunityIsValid	Code submitted is not recognized as either valid or invalid because it is unknown to this system.

### 3.20. Birth Place (PID-23)

#### 3.20.1. Accept

Description	
<b>MQE0126</b> Patient birth place is missing	
Rule Name	Details
PatientBirthPlaceIsValid	No value found, no data sent, nothing to analyze.

### 3.21. Guardian Address Street (NK1-4.1)

#### 3.21.1. Accept

Description	
<b>MQE0151</b> Patient guardian address street is missing	
Rule Name	Details
NextOfKinGuardianAddressIsValid	No value found, no data sent, nothing to analyze.

### 3.22. Middle Name (PID-5.3)

#### 3.22.1. Accept

Description	
<b>MQE0170</b> Patient middle name may be initial	

#### 3.22.2. Warn

Description	
MQE0528 Patient middle name is invalid	
Rule Name	Details
PatientNameIsValid	Patient middle name must not be on the specified invalid name list ('UN','UK','UNK','UNKN','NONE').

Description	
MQE0529 Patient middle name is missing	
Rule Name	Details
PatientNameIsValid	

### 3.23. Guardian Name Last (NK1-2.1)

#### 3.23.1. Warn

Description	
MQE0154 Patient guardian name last is missing	
Rule Name	Details
PatientResponsiblePartyIsProperlyFormed	No value found, no data sent, nothing to analyze.

### 3.24. Class (PV1-2)

#### 3.24.1. Accept

Description	
MQE0376 Patient class is invalid	

Description	
MQE0378 Patient class is unrecognized	
Rule Name	Details
PatientClassIsValid	Coded value is not recognized as either valid or invalid because it is unknown to this system.

#### 3.24.2. Warn

Description	
MQE0374 Patient class is deprecated	

Description	
MQE0377 Patient class is missing	
Rule Name	Details
PatientClassIsValid	No value found, no data sent, nothing to analyze.

#### 3.24.3. Info

Description
<b>MQE0375</b> Patient class is ignored

### 3.25. Phone (PID-13)

#### 3.25.1. Accept

Description	
MQE0176 Patient phone is missing	
Rule Name	Details
PatientPhoneIsValid	No value found, no data sent, nothing to analyze.

#### 3.25.2. Warn

Description	
MQE0174 Patient phone is incomplete	
Rule Name	Details
PatientPhoneIsValid	Incomplete code value.

Description	
MQE0175 Patient phone is invalid	
Rule Name	Details
PatientPhoneIsValid	Only validating North American Phone Numbers. Area code must be 3 valid digits (First digit can't be 0 or 1. Can't end with '11'). Local number must be 7 valid digits (First digit can't be 0 or 1. First 3 digits can't be '555'. 2nd and 3rd digits can't both be '1').

### 3.26. Phone Tel Use Code (PID-13.2)

#### 3.26.1. Accept

Description	
MQE0456 Patient phone tel use code is missing	
Rule Name	Details
PatientPhoneIsValid	No value found, no data sent, nothing to analyze.

#### 3.26.2. Warn

Description	
MQE0453 Patient phone tel use code is deprecated	
Rule Name	Details
PatientPhoneIsValid	Deprecated code value.

Description	
MQE0455 Patient phone tel use code is invalid	



Rule Name	Details
PatientPhoneIsValid	Coded value is recognized and is considered to be an invalid code, which means that there are no valid uses for this coded value.

Description	
MQE0457 Patient phone tel use code is unrecognized	
Rule Name	Details
PatientPhoneIsValid	Code submitted is not recognized as either valid or invalid because it is unknown to this system.

### 3.26.3. Info

Description
MQE0454 Patient phone tel use code is ignored

## 3.27. Address Street2 (PID-11.2)

### 3.27.1. Accept

Description
MQE0111 Patient address street2 is missing

## 3.28. Name First (PID-5.2)

### 3.28.1. Accept

Description	
MQE0142 Patient name first may include middle initial	
Rule Name	Details
PatientNameIsValid	Patient has first name, but missing middle name. The first name has a space followed by a single character.

### 3.28.2. Error

Description	
MQE0140 Patient name first is invalid	
Rule Name	Details
PatientNameIsValid	Patient first name must not be on the specified invalid name list ('X','U','UN','UK','UNK', 'UNKN', 'NONE').

Description	
MQE0141 Patient name first is missing	
Rule Name	Details
PatientNameIsValid	Patient First Name is not indicated

## 3.29. Primary Physician Id (PD1-4.1)

### 3.29.1. Accept

Description	
MQE0191 Patient primary physician id is missing	
Rule Name	Details
PatientPrimaryPhysicianNameIsValid	No value found, no data sent, nothing to analyze.

### 3.29.2. Warn

Description
MQE0188 Patient primary physician id is deprecated

Description
MQE0190 Patient primary physician id is invalid

Description
MQE0192 Patient primary physician id is unrecognized

### 3.29.3. Info

Description
MQE0189 Patient primary physician id is ignored

## 3.30. Alias (PID-5)

### 3.30.1. Accept

Description	
MQE0114 Patient alias is missing	
Rule Name	Details
PatientAliasIsPresent	No value found, no data sent, nothing to analyze.

## 3.31. Primary Language (PID-15)

### 3.31.1. Accept

Description
MQE0183 Patient primary language is deprecated

Description	
MQE0186 Patient primary language is missing	
Rule Name	Details
PatientCodesAreValid	No value found, no data sent, nothing to analyze.

### 3.31.2. Warn

Description
<b>MQE0185</b> Patient primary language is invalid

Description	
MQE0187 Patient primary language is unrecognized	
Rule Name	Details
PatientCodesAreValid	Coded value is not recognized as either valid or invalid because it is unknown to this system.

### 3.31.3. Info

Description
<b>MQE0184</b> Patient primary language is ignored

## 3.32. Vfc Effective Date (PV1-20.2)

### 3.32.1. Accept

Description	
MQE0221 Patient VFC effective date is before birth	
Rule Name	Details
PatientFinancialStatusDateIsValid	Date given is before patient birth date.

Description	
MQE0222 Patient VFC effective date is in future	
Rule Name	Details
PatientFinancialStatusDateIsValid	Message received date is before the patient VFC Effective date.

Description
<b>MQE0223</b> Patient VFC effective date is invalid

Description	
MQE0224 Patient VFC effective date is missing	
Rule Name	Details
PatientFinancialStatusDateIsValid	No value found, no data sent, nothing to analyze.

## 3.33. Address State (PID-11.4)

### 3.33.1. Accept

Description
<b>MQE0107</b> Patient address state is invalid

Description
<b>MQE0108</b> Patient address state is missing

Rule Name	Details
PatientAddressIsValid	No value found, no data sent, nothing to analyze.

Description
<b>MQE0109</b> Patient address state is unrecognized

#### 3.33.2. Warn

Description
<b>MQE0105</b> Patient address state is deprecated

#### 3.33.3. Info

Description
<b>MQE0106</b> Patient address state is ignored

### 3.34. Guardian Name (NK1-2)

#### 3.34.1. Accept

Description	
MQE0156 Patient guardian name is same as underage patient	
Rule Name	Details
NextOfKinNameIsNotSameAsPatient	null
PatientResponsiblePartyIsProperlyFormed	Patient first and last name match the guardian first and last name.

#### 3.34.2. Warn

Description
<b>MQE0155</b> Patient guardian name is missing

### 3.35. Name (PID-5)

#### 3.35.1. Accept

Description	
MQE0172 Patient name may be temporary newborn name	
Rule Name	Details
PatientNameIsValid	Patient name must not be on the specified temporary newborn name list (BABY BOY, BABY GIRL, BABY (first name), NEWBORN (first name), BOY BABY, GIRL BABY)

Description	
MQE0551 Patient name may be test name	
Rule Name	Details
	Patient name must not be on the specified test name list (MICKY MOUSE, DONALD

PatientNameIsValid	DUCK, TEST PATIENT, TEST(first or last name), PATIENT(first or last name), BENJAMIN S PETERSON
--------------------	--

### 3.35.2. Warn

Description	
<b>MQE0173</b> Patient name has junk name	
Rule Name	Details
PatientNameIsValid	<p>Patient names must not be on the specified junk name list (first names: B1, G1, G2, UNNAMED, UNKNOWN, NONE, NOFIRSTNAME, NO FIRST NAME, NO FIRSTNAME, NONAME, NO NAME, EMPTY, MISSING, BABY, BABY BOY, BABY GIRL, GIRL, BOY, A BOY, A GIRL, ABABYGIRL, B BOY, B GIRL, BABY OY, BABY BAY, BABY BO, BABY BOY, BABY BOY 2, BABY BOY A, BABY BOY B, BABY BOY #1, BABY BOY 2, BABY BOY1, BABY GIRL 1, BABY GIRL B, BABY GIRL #1, BABY GIRL 1, BABY GIRL A, BABY GIRL B, BABY GIRL ONE, BABY GIRL1, BABY GRIL, BABY M, BABY SISTER, BABY-GIRL, BABYBOY, BABYBOY-1, BABYBOY-2, BABYBOYA, BABYGIR, BABYGIRL, BABYGIRL-A, BABYGIRL-B, BB, BBABYGIRL, BG, BOY #1, BOY #2, BOY 1, BOY 2, BOY 3, BOY A, BOY B, BOY ONE, BOY TWO, BOY+, C BOY, GIRL # 2, GIRL #2, GIRL (L), GIRL A, GIRL B, GIRL TWIN 2, GIRL#1, GIRL#2, TEST GIRL, TWIN BOY, TWIN GIRL A, B2, NEWBORN, TWIN GIRL, BABU GIRL TWIN, BABY BOY TWIN, BABY BOY 1, BBOY, BABY GIRL, BABY GIRL TWO, BABY 1, BABYGIRL A, BABYBOY 2, BBTWO, BBONE, BGONE, BGTWO, B-G, BG2, BG1, MALE, FEMALE) (middle names: UNKNOWN, NONE, NOMIDDLENAME, NO MIDDLE NAME, NO MIDDLENAME, NONAME, NO NAME, EMPTY, MISSING) (last names: UNKNOWN, NONE, NOLASTNAME, NO LAST NAME, NO LASTNAME, NONAME, NO NAME, EMPTY, MISSING)</p>

### 3.36. Publicity Code (PD1-11)

#### 3.36.1. Accept

Description	
<b>MQE0204</b> Patient publicity code is missing	
Rule Name	Details
PatientCodesAreValid	No value found, no data sent, nothing to analyze.

#### 3.36.2. Warn

Description	
<b>MQE0201</b> Patient publicity code is deprecated	

Description	
<b>MQE0203</b> Patient publicity code is invalid	
Rule Name	Details
PatientCodesAreValid	Coded value is recognized and is considered to be an invalid code, which means that there are no valid uses for this coded value.

Description	
MQE0205 Patient publicity code is unrecognized	
Rule Name	Details
PatientCodesAreValid	Coded value is not recognized as either valid or invalid because it is unknown to this system.

### 3.36.3. Info

Description
MQE0202 Patient publicity code is ignored

## 3.37. Registry Status (PD1-16)

### 3.37.1. Accept

Description
MQE0216 Patient registry status is missing

### 3.37.2. Warn

Description
MQE0213 Patient registry status is deprecated

Description
MQE0215 Patient registry status is invalid

Description
MQE0217 Patient registry status is unrecognized

### 3.37.3. Info

Description
MQE0214 Patient registry status is ignored

## 3.38. Ssn (PID-3)

### 3.38.1. Accept

Description	
MQE0219 Patient SSN is missing	
Rule Name	Details
PatientSsnIsValid	No value found, no data sent, nothing to analyze.

### 3.38.2. Warn

Description

<b>MQE0218</b> Patient SSN is invalid	
Rule Name	Details
PatientSsnIsValid	Patient SSN cannot start with 000 or have 00 in the middle section. It must be comprised of exactly 9 digits. It cannot be equal to '123456789' or '987654321'. It cannot have 6 consecutive digits that are the same.

### 3.39. Guardian Address (NK1-4)

#### 3.39.1. Accept

Description	
<b>MQE0148</b> Patient guardian address is missing	
Rule Name	Details
NextOfKinGuardianAddressIsValid	No value found, no data sent, nothing to analyze.

Description	
<b>MQE0563</b> Patient guardian address is invalid	
Rule Name	Details
NextOfKinGuardianAddressIsValid	Coded value is recognized and is considered to be an invalid code, which means that there are no valid uses for this coded value.

### 3.40. Guardian Address City (NK1-4.3)

#### 3.40.1. Accept

Description	
<b>MQE0149</b> Patient guardian address city is missing	
Rule Name	Details
NextOfKinGuardianAddressIsValid	No value found, no data sent, nothing to analyze.
PatientResponsiblePartyIsProperlyFormed	No value found, no data sent, nothing to analyze.

### 3.41. Ethnicity (PID-22)

#### 3.41.1. Accept

Description	
<b>MQE0138</b> Patient ethnicity is missing	
Rule Name	Details
PatientEthnicityIsValid	No value found, no data sent, nothing to analyze.

#### 3.41.2. Warn

Description	
<b>MQE0135</b> Patient ethnicity is deprecated	
Rule Name	Details
PatientEthnicityIsValid	Deprecated code value.

Description	
<b>MQE0137</b> Patient ethnicity is invalid	
Rule Name	Details
PatientEthnicityIsValid	Coded value is recognized and is considered to be an invalid code, which means that there are no valid uses for this coded value.

Description	
<b>MQE0139</b> Patient ethnicity is unrecognized	
Rule Name	Details
PatientEthnicityIsValid	Code submitted is not recognized as either valid or invalid because it is unknown to this system.

#### 3.41.3. Info

Description	
<b>MQE0136</b> Patient ethnicity is ignored	

### 3.42. Patient (PID)

#### 3.42.1. Warn

Description	
<b>MQE0568</b> Patient patient has more vaccinations than expected	
Rule Name	Details
VaccinationAdminCountIsAsExpectedForAge	Expecting less than 20 vaccinations given before 6 months of age. Expecting less than 30 vaccinations given before 2 years of age.

### 3.43. Submitter Id Authority (PID-3.4)

#### 3.43.1. Warn

Description	
<b>MQE0393</b> Patient submitter id authority is missing	
Rule Name	Details
PatientSubmitterIsValid	No value found, no data sent, nothing to analyze.

### 3.44. Submitter Id (PID-3)

#### 3.44.1. Error

Description	
<b>MQE0220</b> Patient submitter id is missing	
Rule Name	Details
PatientSubmitterIsValid	No value found, no data sent, nothing to analyze.



### 3.45. System Entry Time

#### 3.45.1. Accept

Description	
MQE0575 Patient system entry time is on time	
Rule Name	Details
PatientCreationTimeliness	It has been 30 days or less between the patient birth date and the system entry date.

Description	
MQE0576 Patient system entry time is late	
Rule Name	Details
PatientCreationTimeliness	It is 30-45 days between the patient birth date and the system entry date.

Description	
MQE0577 Patient system entry time is very late	
Rule Name	Details
PatientCreationTimeliness	It is 45-60 days between the patient birth date and the system entry date.

Description	
MQE0578 Patient system entry time is too late	
Rule Name	Details
PatientCreationTimeliness	It is over 60 days between the patient birth date and the system entry date.

Description	
MQE0579 Patient system entry time is missing	
Rule Name	Details
PatientCreationDateIsValid	No value found, no data sent, nothing to analyze.

Description	
MQE0580 Patient system entry time is invalid	
Rule Name	Details
PatientCreationDateIsValid	Patient system entry date cannot be translated to a date.

Description	
MQE0582 Patient system entry time is in future	
Rule Name	Details
PatientCreationDateIsValid	Date given is in the future.

### 3.46. Death Indicator (PID-30)

#### 3.46.1. Accept

--

Description	
MQE0134 Patient death indicator is missing	
Rule Name	Details
PatientDeathIndicatorIsValid	Patient death date was given but death indicator is missing.

#### 3.46.2. Warn

Description	
MQE0133 Patient death indicator is inconsistent	
Rule Name	Details
PatientDeathIndicatorIsValid	Patient death indicator says not dead but death date is populated.

### 3.47. Address City (PID-11.3)

#### 3.47.1. Accept

Description	
MQE0093 Patient address city is invalid	

Description	
MQE0094 Patient address city is missing	
Rule Name	Details
PatientAddressIsValid	No value found, no data sent, nothing to analyze.

### 3.48. Guardian Relationship (NK1-3)

#### 3.48.1. Warn

Description	
MQE0159 Patient guardian relationship is missing	

### 3.49. Wic Id (PID-3)

#### 3.49.1. Accept

Description	
MQE0230 Patient WIC id is invalid	

Description	
MQE0231 Patient WIC id is missing	

### 3.50. Address (PID-11)

#### 3.50.1. Accept

Description	

<b>MQE0092</b> Patient address is missing	
Rule Name	Details
PatientAddressIsValid	Patient Address was not indicated

### 3.50.2. Warn

Description	
<b>MQE0562</b> Patient address is invalid	
Rule Name	Details
PatientAddressIsValid	Patient Address is invalid according to Smarty Streets.

## 3.51. Name Type Code (PID-5.7)

### 3.51.1. Accept

Description	
<b>MQE0408</b> Patient name type code is missing	
Rule Name	Details
PatientNameTypeIsValid	No value found, no data sent, nothing to analyze.

### 3.51.2. Warn

Description	
<b>MQE0405</b> Patient name type code is deprecated	

Description	
<b>MQE0407</b> Patient name type code is invalid	

Description	
<b>MQE0409</b> Patient name type code is unrecognized	

Description	
<b>MQE0516</b> Patient name type code is not valued legal	
Rule Name	Details
PatientNameTypeIsValid	Patient Name Type is not 'L' for legal.

### 3.51.3. Info

Description	
<b>MQE0406</b> Patient name type code is ignored	

## 3.52. Address Country (PID-11.6)

### 3.52.1. Accept

Description
-------------

<b>MQE0098</b> Patient address country is missing	
Rule Name	Details
PatientAddressIsValid	No value found, no data sent, nothing to analyze.

#### 3.52.2. Warn

Description
<b>MQE0095</b> Patient address country is deprecated

Description
<b>MQE0097</b> Patient address country is invalid

Description
<b>MQE0099</b> Patient address country is unrecognized

#### 3.52.3. Info

Description
<b>MQE0096</b> Patient address country is ignored

### 3.53. Birth Indicator (PID-24)

#### 3.53.1. Accept

Description	
MQE0122 Patient birth indicator is missing	
Rule Name	Details
PatientMultipleBirthsValid	No value found, no data sent, nothing to analyze.

#### 3.53.2. Warn

Description	
MQE0121 Patient birth indicator is invalid	
Rule Name	Details
PatientMultipleBirthsValid	Birth indicator is something other than 'Y' or 'N'.

### 3.54. Birth Order (PID-25)

#### 3.54.1. Accept

Description
<b>MQE0124</b> Patient birth order is missing

#### 3.54.2. Warn

Description
-------------

**MQE0557** Patient birth order is valued as unknown

Description	
<b>MQE0123</b> Patient birth order is invalid	
Rule Name	Details
PatientMultipleBirthsValid	Multiple birth indicator was sent as No but birth order was sent with value > 1.

Description	
<b>MQE0125</b> Patient birth order is missing and multiple birth indicated	
Rule Name	Details
PatientMultipleBirthsValid	Multiple birth indicator was sent as Yes but birth order was not.

### 3.55. Gender (PID-8)

#### 3.55.1. Accept

Description	
<b>MQE0145</b> Patient gender is invalid	
Rule Name	Details
PatientGenderIsValid	Coded value is recognized and is considered to be an invalid code, which means that there are no valid uses for this coded value.

Description	
<b>MQE0146</b> Patient gender is missing	
Rule Name	Details
PatientGenderIsValid	No value found, no data sent, nothing to analyze.

Description	
<b>MQE0147</b> Patient gender is unrecognized	
Rule Name	Details
PatientGenderIsValid	Code submitted is not recognized as either valid or invalid because it is unknown to this system.

#### 3.55.2. Warn

Description	
<b>MQE0143</b> Patient gender is deprecated	
Rule Name	Details
PatientGenderIsValid	Deprecated code value.

#### 3.55.3. Info

Description	
<b>MQE0144</b> Patient gender is ignored	

### 3.56. Primary Physician Name (PD1-4.2)

#### 3.56.1. Accept

Description	
MQE0193 Patient primary physician name is missing	
Rule Name	Details
PatientPrimaryPhysicianNameIsValid	No value found, no data sent, nothing to analyze.

### 3.57. Race (PID-10)

#### 3.57.1. Accept

Description	
MQE0209 Patient race is missing	
Rule Name	Details
PatientCodesAreValid	No value found, no data sent, nothing to analyze.

#### 3.57.2. Warn

Description	
MQE0206 Patient race is deprecated	
Rule Name	Details
PatientCodesAreValid	Deprecated code value.

Description	
MQE0208 Patient race is invalid	
Rule Name	Details
PatientCodesAreValid	Coded value is recognized and is considered to be an invalid code, which means that there are no valid uses for this coded value.

Description	
MQE0210 Patient race is unrecognized	
Rule Name	Details
PatientCodesAreValid	Coded value is not recognized as either valid or invalid because it is unknown to this system.

#### 3.57.3. Info

Description	
MQE0207 Patient race is ignored	

### 3.58. Registry Id (PID-3)

#### 3.58.1. Accept

--

Description	
MQE0211 Patient registry id is missing	
Rule Name	Details
PatientRegistryIdIsPresent	No value found, no data sent, nothing to analyze.
PatientRegistryIdIsValid	No value found, no data sent, nothing to analyze.

Description	
MQE0212 Patient registry id is unrecognized	
Rule Name	Details
PatientRegistryIdIsValid	Code submitted is not recognized as either valid or invalid because it is unknown to this system.

### 3.59. Guardian Phone (NK1-5)

#### 3.59.1. Accept

Description	
MQE0158 Patient guardian phone is missing	
Rule Name	Details
PatientResponsiblePartyIsProperlyFormed	No value found, no data sent, nothing to analyze.

### 3.60. Address Type (NK1-4.7)

#### 3.60.1. Accept

Description	
MQE0598 Patient address type is missing	
Rule Name	Details
NextOfKinGuardianAddressIsValid	No value found, no data sent, nothing to analyze.

#### 3.60.2. Warn

Description	
MQE0600 Patient address type is unrecognized	
Rule Name	Details
NextOfKinGuardianAddressIsValid	Coded value is not recognized as either valid or invalid because it is unknown to this system.

#### 3.60.3. Info

Description	
MQE0597 Patient address type is valued bad address	
Rule Name	Details
NextOfKinGuardianAddressIsValid	Address Type indicates the address is a bad address.

### 3.61. Guardian Address County (NK1-4.9)

#### 3.61.1. Accept

Description	
MQE0608 Patient guardian address county is missing	
Rule Name	Details
NextOfKinGuardianAddressIsValid	No value found, no data sent, nothing to analyze.

### 3.62. Guardian Responsible Party (NK1)

#### 3.62.1. Warn

Description	
MQE0157 Patient guardian responsible party is missing	
Rule Name	Details
PatientHasResponsibleParty	Responsible party missing and/or responsible party relationship code missing.

### 3.63. Address Street (PID-11.1)

#### 3.63.1. Accept

Description	
MQE0110 Patient address street is missing	
Rule Name	Details
PatientAddressIsValid	Patient Address street is not indicated

### 3.64. Vfc Status (PV1-20.1)

#### 3.64.1. Accept

Description	
MQE0228 Patient VFC status is missing	
Rule Name	Details
PatientCodesAreValid	No value found, no data sent, nothing to analyze.

#### 3.64.2. Warn

Description	
MQE0225 Patient VFC status is deprecated	
Rule Name	Details
PatientCodesAreValid	Deprecated code value.

Description	
MQE0227 Patient VFC status is invalid	
Rule Name	Details



PatientCodesAreValid	Coded value is recognized and is considered to be an invalid code, which means that there are no valid uses for this coded value.
----------------------	---

Description	
MQE0229 Patient VFC status is unrecognized	
Rule Name	Details
PatientCodesAreValid	Coded value is not recognized as either valid or invalid because it is unknown to this system.

### 3.64.3. Info

Description
MQE0226 Patient VFC status is ignored

## 3.65. Guardian Address Zip (NK1-4.5)

### 3.65.1. Accept

Description	
MQE0152 Patient guardian address zip is missing	
Rule Name	Details
NextOfKinGuardianAddressIsValid	No value found, no data sent, nothing to analyze.
PatientResponsiblePartyIsProperlyFormed	No value found, no data sent, nothing to analyze.

## 3.66. Medicaid Number (PID-3)

### 3.66.1. Accept

Description	
MQE0168 Patient Medicaid number is missing	
Rule Name	Details
PatientMedicaidNumberIsValid	No value found, no data sent, nothing to analyze.

### 3.66.2. Warn

Description	
MQE0167 Patient Medicaid number is invalid	
Rule Name	Details
PatientMedicaidNumberIsValid	Medicaid Number is 9 digits long, does not have six of the same digits in a row and is not '123456789' or '987654321'

## 4. Next-of-kin

### 4.1. Address Country (NK1-4.6)

#### 4.1.1. Accept

Description	
<b>MQE0063</b> Next-of-kin address country is missing	
Rule Name	Details
NextOfKinAddressIsValid	No value found, no data sent, nothing to analyze.

#### 4.1.2. Warn

Description
<b>MQE0060</b> Next-of-kin address country is deprecated

Description
<b>MQE0062</b> Next-of-kin address country is invalid

Description
<b>MQE0064</b> Next-of-kin address country is unrecognized

#### 4.1.3. Info

Description
<b>MQE0061</b> Next-of-kin address country is ignored

### 4.2. Address (NK1-4)

#### 4.2.1. Accept

Description	
<b>MQE0056</b> Next-of-kin address is different from patient address	
Rule Name	Details
NextOfKinAddressIsSameAsPatientAddress	The City/State/Street/Street2 are different between Next Of Kin address and Patient address.

Description	
<b>MQE0057</b> Next-of-kin address is missing	
Rule Name	Details
NextOfKinAddressIsValid	No value found, no data sent, nothing to analyze.

Description	
<b>MQE0564</b> Next-of-kin address is invalid	
Rule Name	Details
NextOfKinAddressIsValid	Coded value is recognized and is considered to be an invalid code, which means that there are no valid uses for this coded value.

### 4.3. Address State (NK1-4.4)

#### 4.3.1. Accept

Description	
MQE0073 Next-of-kin address state is missing	
Rule Name	Details
NextOfKinAddressIsValid	No value found, no data sent, nothing to analyze.

#### 4.3.2. Warn

Description	
MQE0070 Next-of-kin address state is deprecated	

Description	
MQE0072 Next-of-kin address state is invalid	

Description	
MQE0074 Next-of-kin address state is unrecognized	

#### 4.3.3. Info

Description	
MQE0071 Next-of-kin address state is ignored	

### 4.4. Address Zip (NK1-4.5)

#### 4.4.1. Accept

Description	
MQE0078 Next-of-kin address zip is missing	
Rule Name	Details
NextOfKinAddressIsValid	No value found, no data sent, nothing to analyze.

#### 4.4.2. Warn

Description	
MQE0077 Next-of-kin address zip is invalid	

### 4.5. Name Last (NK1-2.1)

#### 4.5.1. Warn

Description	
MQE0081 Next-of-kin name last is missing	
Rule Name	Details
NextOfKinNameIsValid	No value found, no data sent, nothing to analyze.

### 4.6. Phone (NK1-5)

#### 4.6.1. Accept

Description
<b>MQE0084</b> Next-of-kin phone is missing

#### 4.6.2. Warn

Description	
MQE0082 Next-of-kin phone is incomplete	
Rule Name	Details
NextOfKinPhoneIsValid	Next of kin phone number is missing area code or local number.

Description	
MQE0083 Next-of-kin phone is invalid	
Rule Name	Details
NextOfKinPhoneIsValid	Phone number is invalid according to the North American Numbering Plan (NANP).

### 4.7. Address Street (NK1-4.1)

#### 4.7.1. Accept

Description	
MQE0075 Next-of-kin address street is missing	
Rule Name	Details
NextOfKinAddressIsValid	No value found, no data sent, nothing to analyze.

### 4.8. Address Street2 (NK1-4.2)

#### 4.8.1. Accept

Description
<b>MQE0076</b> Next-of-kin address street2 is missing

### 4.9. Address Type (NK1-4.7)

#### 4.9.1. Accept

Description	
MQE0398 Next-of-kin address type is missing	
Rule Name	Details
NextOfKinAddressIsValid	No value found, no data sent, nothing to analyze.

#### 4.9.2. Warn

Description

**MQE0395** Next-of-kin address type is deprecated

Description	
<b>MQE0397</b> Next-of-kin address type is invalid	
Rule Name	Details
NextOfKinAddressIsValid	Address not valid according to Smarty Streets.

Description	
<b>MQE0399</b> Next-of-kin address type is unrecognized	
Rule Name	Details
NextOfKinAddressIsValid	Code submitted is not recognized as either valid or invalid because it is unknown to this system.

#### 4.9.3. Info

Description	
<b>MQE0396</b> Next-of-kin address type is ignored	

Description	
<b>MQE0522</b> Next-of-kin address type is valued bad address	
Rule Name	Details
NextOfKinAddressIsValid	Address Type indicates the address is a bad address.

### 4.10. Address City (NK1-4.3)

#### 4.10.1. Accept

Description	
<b>MQE0059</b> Next-of-kin address city is missing	
Rule Name	Details
NextOfKinAddressIsValid	No value found, no data sent, nothing to analyze.

#### 4.10.2. Warn

Description	
<b>MQE0058</b> Next-of-kin address city is invalid	

### 4.11. Relationship (NK1-3)

#### 4.11.1. Accept

Description	
<b>MQE0089</b> Next-of-kin relationship is not responsible party	
Rule Name	Details
	The next of kin for an underage patient is expected to

NextOfKinRelationshipIsValidForUnderagedPatient	be a caregiver, father, grandparent, mother, parent, or guardian.
---	---

#### 4.11.2. Warn

Description
<b>MQE0085</b> Next-of-kin relationship is deprecated

Description
<b>MQE0087</b> Next-of-kin relationship is invalid

Description	
MQE0088 Next-of-kin relationship is missing	
Rule Name	Details
NextOfKinRelationshipIsValidForUnderagedPatient	No value found, no data sent, nothing to analyze.

Description	
MQE0485 Next-of-kin relationship is unexpected	
Rule Name	Details
NextOfKinRelationshipIsValidForUnderagedPatient	An underage patient is not expecting a next of kin that is a child, step child, or foster child.

Description	
MQE0090 Next-of-kin relationship is unrecognized	
Rule Name	Details
NextOfKinRelationshipIsValidForUnderagedPatient	Code submitted is not recognized as either valid or invalid because it is unknown to this system.

#### 4.11.3. Info

Description
<b>MQE0086</b> Next-of-kin relationship is ignored

### 4.12. Ssn (NK1-33)

#### 4.12.1. Accept

Description
<b>MQE0091</b> Next-of-kin SSN is missing

### 4.13. Address County (NK1-4.9)

#### 4.13.1. Accept

Description
<b>MQE0068</b> Next-of-kin address county is missing

Rule Name	Details
NextOfKinAddressIsValid	No value found, no data sent, nothing to analyze.

Description
<b>MQE0069</b> Next-of-kin address county is unrecognized

#### 4.13.2. Warn

Description
<b>MQE0065</b> Next-of-kin address county is deprecated

Description
<b>MQE0067</b> Next-of-kin address county is invalid

#### 4.13.3. Info

Description
<b>MQE0066</b> Next-of-kin address county is ignored

### 4.14. Name First (NK1-2.2)

#### 4.14.1. Warn

Description	
MQE0080 Next-of-kin name first is missing	
Rule Name	Details
NextOfKinNameIsValid	No value found, no data sent, nothing to analyze.

### 4.15. Name (NK1-2)

#### 4.15.1. Warn

Description	
MQE0079 Next-of-kin name is missing	
Rule Name	Details
NextOfKinNameIsValid	No value found for both first and last name, no data sent, nothing to analyze.

## 5. Vaccination

### 5.1. Administered Unit (RXA-7)

#### 5.1.1. Accept

Description	
MQE0272 Vaccination administered unit is missing	
Rule Name	Details

VaccinationAdministeredUnitIsValid	No value found, no data sent, nothing to analyze.
------------------------------------	---

### 5.1.2. Warn

Description	
<b>MQE0447</b> Vaccination administered unit is deprecated	
Rule Name	Details
VaccinationAdministeredUnitIsValid	Deprecated code value.

Description	
<b>MQE0449</b> Vaccination administered unit is invalid	
Rule Name	Details
VaccinationAdministeredUnitIsValid	Coded value is recognized and is considered to be an invalid code, which means that there are no valid uses for this coded value.

Description	
<b>MQE0450</b> Vaccination administered unit is unrecognized	
Rule Name	Details
VaccinationAdministeredUnitIsValid	Code submitted is not recognized as either valid or invalid because it is unknown to this system.

### 5.1.3. Info

Description	
<b>MQE0448</b> Vaccination administered unit is ignored	

## 5.2. Admin Date (RXA-3)

### 5.2.1. Accept

Description	
<b>MQE0262</b> Vaccination admin date is on 15th day of month	
Rule Name	Details
VaccinationAdminDateIsValid	Vaccination Administered Date is on the 15th of the month.

Description	
<b>MQE0263</b> Vaccination admin date is on first day of month	
Rule Name	Details
VaccinationAdminDateIsValid	Vaccination Administered Date is the first day of the month.

Description	
<b>MQE0264</b> Vaccination admin date is on last day of month	
Rule Name	Details
VaccinationAdminDateIsValid	Vaccination Administered Date is on the last day of the month.



Description	
MQE0265 Vaccination admin date is reported late	

### 5.2.2. Error

Description	
MQE0252 Vaccination admin date is after message submitted	
Rule Name	Details
VaccinationAdminDateIsValid	Vaccination Administered Date is after the message header date.

Description	
MQE0253 Vaccination admin date is after patient death date	
Rule Name	Details
VaccinationAdminDateIsValid	Vaccination Administered Date is after patient's death date

Description	
MQE0254 Vaccination admin date is after system entry date	
Rule Name	Details
VaccinationAdminDateIsValid	Vaccination Administered Date is after System Entry date.

Description	
MQE0255 Vaccination admin date is before birth	
Rule Name	Details
VaccinationAdminDateIsValid	Vaccination Administered Date is before patient's birth date.

Description	
MQE0257 Vaccination admin date is before or after licensed vaccine range	
Rule Name	Details
VaccinationCvxUseIsValid	Vaccination Administered Date is outside of licensed vaccine date range.

Description	
MQE0259 Vaccination admin date is before or after when valid for patient age	
Rule Name	Details
VaccinationAdminDateIsValidForPatientAge	CodeBase specifies the valid age range for this vaccination. We compare the patients age at administration to this age range.

Description	
MQE0260 Vaccination admin date is invalid	
Rule Name	Details
VaccinationAdminDateIsValid	Vaccination Administered Date cannot be translated to a date.

Description	
MQE0261 Vaccination admin date is missing	

Rule Name	Details
VaccinationAdminDateIsValid	No value found, no data sent, nothing to analyze.

### 5.2.3. Warn

Description	
<b>MQE0251</b> Vaccination admin date is after lot expiration date	
Rule Name	Details
VaccinationAdminDateIsBeforeLotExpirationDate	Vaccine administered date is after Lot expiration date.

Description	
<b>MQE0256</b> Vaccination admin date is before or after expected vaccine usage range	
Rule Name	Details
VaccinationCvxUseIsValid	Vaccination Administered Date is outside of expected vaccine date range.

Description	
<b>MQE0258</b> Vaccination admin date is before or after when expected for patient age	
Rule Name	Details
VaccinationAdminDateIsValidForPatientAge	For this specific vaccine, it was not expected that this vaccination should be given at the age the patient was when this was administered.

## 5.3. Financial Eligibility Code (OBX-5)

### 5.3.1. Accept

Description	
<b>MQE0467</b> Vaccination financial eligibility code is invalid	
Rule Name	Details
VaccinationFinancialEligibilityCodeIsValid	Coded value is recognized and is considered to be an invalid code, which means that there are no valid uses for this coded value.

Description	
<b>MQE0468</b> Vaccination financial eligibility code is missing	
Rule Name	Details
VaccinationFinancialEligibilityCodeIsValid	No value found, no data sent, nothing to analyze.

Description	
<b>MQE0469</b> Vaccination financial eligibility code is unrecognized	
Rule Name	Details
VaccinationFinancialEligibilityCodeIsValid	Code submitted is not recognized as either valid or invalid because it is unknown to this system.

### 5.3.2. Warn

Description	
MQE0465 Vaccination financial eligibility code is deprecated	
Rule Name	Details
VaccinationFinancialEligibilityCodeIsValid	Deprecated code value.

### 5.3.3. Info

Description	
MQE0466 Vaccination financial eligibility code is ignored	

## 5.4. Confidentiality Code (ORC-28)

### 5.4.1. Accept

Description	
MQE0297 Vaccination confidentiality code is missing	
Rule Name	Details
VaccinationConfidentialityCodeIsValid	No value found, no data sent, nothing to analyze.

### 5.4.2. Warn

Description	
MQE0294 Vaccination confidentiality code is deprecated	
Rule Name	Details
VaccinationConfidentialityCodeIsValid	Deprecated code value.

Description	
MQE0296 Vaccination confidentiality code is invalid	
Rule Name	Details
VaccinationConfidentialityCodeIsValid	Coded value is recognized and is considered to be an invalid code, which means that there are no valid uses for this coded value.

Description	
MQE0298 Vaccination confidentiality code is unrecognized	
Rule Name	Details
VaccinationConfidentialityCodeIsValid	Code submitted is not recognized as either valid or invalid because it is unknown to this system.

Description	
MQE0299 Vaccination confidentiality code is valued as restricted	
Rule Name	Details
VaccinationConfidentialityCodeIsValid	Vaccination Confidentiality Code has value of 'R' or 'V'.

### 5.4.3. Info

Description
<b>MQE0295</b> Vaccination confidentiality code is ignored

## 5.5. Vis Published Date

### 5.5.1. Warn

Description	
MQE0534 Vaccination VIS published date is missing	
Rule Name	Details
VaccinationVisDatesAreValid	No value found, no data sent, nothing to analyze.

Description
<b>MQE0535</b> Vaccination VIS published date is unrecognized

Description	
MQE0536 Vaccination VIS published date is in future	
Rule Name	Details
VaccinationVisDatesAreValid	Vaccination Vis Publication date cannot be a future date.

Description	
MQE0544 Vaccination VIS published date is invalid	
Rule Name	Details
VaccinationVisDatesAreValid	Vaccination Vis Publication date cannot be translated to a date.

## 5.6. Administered Amount (RXA-6)

### 5.6.1. Accept

Description	
MQE0554 Vaccination administered amount is missing	
Rule Name	Details
VaccinationAdministeredAmtIsValid	Vaccination Administered Amount is missing or equal to 999.

Description	
MQE0270 Vaccination administered amount is valued as zero	
Rule Name	Details
VaccinationAdministeredAmtIsValid	Vaccination Administered Amount is 0.

Description	
MQE0271 Vaccination administered amount is valued as unknown	
Rule Name	Details
VaccinationAdministeredAmtIsValid	Vaccination Administered Amount is missing or equal to 999.

### 5.6.2. Warn

Description	
MQE0555 Vaccination administered amount is invalid	
Rule Name	Details
VaccinationAdministeredAmountIsReasonable	Vaccination Administered amount is expected to be a number between 0 and 999.
VaccinationAdministeredAmtIsValid	Vaccination Administered Amount could not be converted into a number.

## 5.7. Filler Order Number (ORC-3)

### 5.7.1. Accept

Description
MQE0382 Vaccination filler order number is missing

### 5.7.2. Warn

Description
MQE0379 Vaccination filler order number is deprecated

Description
MQE0381 Vaccination filler order number is invalid

Description
MQE0383 Vaccination filler order number is unrecognized

### 5.7.3. Info

Description
MQE0380 Vaccination filler order number is ignored

## 5.8. Id Of Receiver (ORC-2)

### 5.8.1. Accept

Description
MQE0323 Vaccination id of receiver is missing

### 5.8.2. Warn

Description
MQE0324 Vaccination id of receiver is unrecognized

## 5.9. Product (RXA-5)

#### 5.9.1. Accept

Description
<b>MQE0351</b> Vaccination product is invalid

Description	
MQE0493 Vaccination product is invalid for date administered	
Rule Name	Details
VaccinationProductIsValid	Vaccination product was used outside of the valid date range defined for this product.

Description	
MQE0352 Vaccination product is missing	
Rule Name	Details
VaccinationProductIsValid	Vaccination product is missing.

Description	
MQE0492 Vaccination product is unexpected for date administered	
Rule Name	Details
VaccinationProductIsValid	Vaccination product was used outside of the expected date range defined for this product.

#### 5.9.2. Warn

Description
<b>MQE0350</b> Vaccination product is deprecated

Description
<b>MQE0353</b> Vaccination product is unrecognized

### 5.10. Refusal Reason (RXA-18)

#### 5.10.1. Accept

Description	
MQE0359 Vaccination refusal reason conflicts completion status	
Rule Name	Details
VaccinationRefusalReasonIsValid	Vaccination is marked as completed but refusal code was given.

Description
<b>MQE0362</b> Vaccination refusal reason is invalid

Description	
MQE0363 Vaccination refusal reason is missing	
Rule Name	Details

VaccinationRefusalReasonIsValid	Vaccination completion was refused but refusal code is missing.
---------------------------------	---

Description
<b>MQE0364</b> Vaccination refusal reason is unrecognized

#### 5.10.2. Warn

Description
<b>MQE0360</b> Vaccination refusal reason is deprecated

#### 5.10.3. Info

Description
<b>MQE0361</b> Vaccination refusal reason is ignored

### 5.11. Manufacturer Code (RXA-17)

#### 5.11.1. Warn

Description	
MQE0340 Vaccination manufacturer code is deprecated	
Rule Name	Details
VaccinationMfrIsValidForAdministered	Deprecated code value.
VaccinationMfrIsValid	Deprecated code value.
VaccinationMfrIsValidForHistorical	Deprecated code value.

Description	
MQE0342 Vaccination manufacturer code is invalid	
Rule Name	Details
VaccinationMfrIsValidForAdministered	Coded value is recognized and is considered to be an invalid code, which means that there are no valid uses for this coded value.
VaccinationMfrIsValid	Coded value is recognized and is considered to be an invalid code, which means that there are no valid uses for this coded value.
VaccinationMfrIsValidForHistorical	Coded value is recognized and is considered to be an invalid code, which means that there are no valid uses for this coded value.

Description	
MQE0495 Vaccination manufacturer code is invalid for date administered	
Rule Name	Details
VaccinationMfrIsValidForAdministered	Vaccination Manufacturer code was used outside of the valid date range defined for this code.
VaccinationMfrIsValid	Vaccination Manufacturer code was used outside of the valid date range defined for this code.
VaccinationMfrIsValidForHistorical	Vaccination Manufacturer code was used outside of the valid date range defined for this code.

Description	
<b>MQE0343</b> Vaccination manufacturer code is missing	
Rule Name	Details
VaccinationMfrIsValidForAdministered	No value found, no data sent, nothing to analyze.
VaccinationMfrIsValid	No value found, no data sent, nothing to analyze.
VaccinationMfrIsValidForHistorical	No value found, no data sent, nothing to analyze.

Description	
<b>MQE0494</b> Vaccination manufacturer code is unexpected for date administered	
Rule Name	Details
VaccinationMfrIsValidForAdministered	Vaccination Manufacturer code was used outside of the expected date range defined for this code.
VaccinationMfrIsValid	Vaccination Manufacturer code was used outside of the expected date range defined for this code.
VaccinationMfrIsValidForHistorical	Vaccination Manufacturer code was used outside of the expected date range defined for this code.

Description	
<b>MQE0344</b> Vaccination manufacturer code is unrecognized	
Rule Name	Details
VaccinationMfrIsValidForAdministered	Code submitted is not recognized as either valid or invalid because it is unknown to this system.
VaccinationMfrIsValid	Code submitted is not recognized as either valid or invalid because it is unknown to this system.
VaccinationMfrIsValidForHistorical	Code submitted is not recognized as either valid or invalid because it is unknown to this system.

#### 5.11.2. Info

Description
<b>MQE0341</b> Vaccination manufacturer code is ignored

### 5.12. Body Site (RXR-2)

#### 5.12.1. Accept

Description	
<b>MQE0283</b> Vaccination body site is missing	
Rule Name	Details
VaccinationBodyRouteAndSiteAreValid	No value found, no data sent, nothing to analyze.

#### 5.12.2. Warn

Description
<b>MQE0279</b> Vaccination body site is deprecated



Rule Name	Details
VaccinationBodyRouteAndSiteAreValid	Deprecated code value.

Description	
MQE0281 Vaccination body site is invalid	
Rule Name	Details
VaccinationBodyRouteAndSiteAreValid	Coded value is recognized and is considered to be an invalid code, which means that there are no valid uses for this coded value.

Description	
MQE0282 Vaccination body site is invalid for vaccine indicated	

Description	
MQE0284 Vaccination body site is unrecognized	
Rule Name	Details
VaccinationBodyRouteAndSiteAreValid	Code submitted is not recognized as either valid or invalid because it is unknown to this system.

### 5.12.3. Info

Description	
MQE0280 Vaccination body site is ignored	

## 5.13. Ndc Code (RXA-5)

### 5.13.1. Accept

Description	
MQE0560 Vaccination NDC code is missing	
Rule Name	Details
VaccinationNdcIsValid	No value found, no data sent, nothing to analyze.

### 5.13.2. Warn

Description	
MQE0559 Vaccination NDC code is unrecognized	
Rule Name	Details
VaccinationNdcIsValid	Code submitted is not recognized as either valid or invalid because it is unknown to this system.

## 5.14. Vis Delivery Date

### 5.14.1. Warn

Description	
MQE0507 Vaccination VIS Delivery Date is invalid	

Description
<b>MQE0508</b> Vaccination VIS Delivery Date is missing

Description
<b>MQE0509</b> Vaccination VIS Delivery Date is not admin date

Description
<b>MQE0510</b> Vaccination VIS Delivery Date is before version date

Description
<b>MQE0511</b> Vaccination VIS Delivery Date is after admin date

## 5.15. Admin Code (RXA-5)

### 5.15.1. Accept

Description	
MQE0268 Vaccination admin code is valued as foreign	
Rule Name	Details
VaccinationIsForeign	Administered Vaccination has a foreign CVX vaccine code.

Description	
MQE0553 Vaccination admin code is valued as foreign	
Rule Name	Details
VaccinationIsForeign	Historical Vaccination has a foreign CVX vaccine code.

Description	
MQE0246 Vaccination admin code is not vaccine	
Rule Name	Details
VaccinationAdminCodeIsValid	Vaccination Administered Code (CVX derived from given NDC, CVX, CPT. Derivation stops on first success.) has a non-vaccine value type.

Description	
MQE0248 Vaccination admin code is valued as not administered	
Rule Name	Details
VaccinationAdminCodeIsValid	Vaccination Administered Code (CVX derived from given NDC, CVX, CPT. Derivation stops on first success.) has a value of 998.

### 5.15.2. Error

Description
<b>MQE0243</b> Vaccination admin code is invalid

Description
-------------

**MQE0491** Vaccination admin code is invalid for date administered

Description	
<b>MQE0244</b> Vaccination admin code is missing	
Rule Name	Details
VaccinationAdminCodeIsPresent	No value found, no data sent, nothing to analyze.

Description	
<b>MQE0247</b> Vaccination admin code is unrecognized	
Rule Name	Details
VaccinationAdminCodeIsValid	Code submitted is not recognized as either valid or invalid because it is unknown to this system.

Description	
<b>MQE0561</b> Vaccination admin code is not usable	
Rule Name	Details
VaccinationAdminCodeIsUsable	NDC, CVX, or CPT must be given in order to have a Vaccination Administered Code.

#### 5.15.3. Warn

Description	
<b>MQE0241</b> Vaccination admin code is deprecated	

Description	
<b>MQE0245</b> Vaccination admin code is not specific	
Rule Name	Details
VaccinationAdminCodeIsValid	Vaccination Administered Code (CVX derived from given NDC, CVX, CPT. Derivation stops on first success.) has an unspecified value type.

Description	
<b>MQE0490</b> Vaccination admin code is unexpected for date administered	

Description	
<b>MQE0249</b> Vaccination admin code is valued as unknown	
Rule Name	Details
VaccinationAdminCodeIsValid	Vaccination Administered Code (CVX derived from given NDC, CVX, CPT. Derivation stops on first success.) has a value of 999.

Description	
<b>MQE0250</b> Vaccination admin code may be variation of previously reported codes	

#### 5.15.4. Info

Description	
-------------	--

**MQE0242** Vaccination admin code is ignored

## 5.16. Action Code (RXA-21)

### 5.16.1. Accept

Description	
<b>MQE0237</b> Vaccination action code is valued as add	
Rule Name	Details
VaccinationActionCodeIsValid	Vaccination Action Code value is A

Description	
<b>MQE0238</b> Vaccination action code is valued as add or update	
Rule Name	Details
VaccinationActionCodeIsValid	Vaccination Action Code value is A or U

Description	
<b>MQE0239</b> Vaccination action code is valued as delete	
Rule Name	Details
VaccinationActionCodeIsValid	Vaccination Action Code value is D

Description	
<b>MQE0240</b> Vaccination action code is valued as update	
Rule Name	Details
VaccinationActionCodeIsValid	Vaccination Action Code value is U

### 5.16.2. Error

Description	
<b>MQE0234</b> Vaccination action code is invalid	
Rule Name	Details
VaccinationActionCodeIsValid	Coded value is recognized and is considered to be an invalid code, which means that there are no valid uses for this coded value.

Description	
<b>MQE0235</b> Vaccination action code is missing	
Rule Name	Details
VaccinationActionCodeIsValid	No value found, no data sent, nothing to analyze.

### 5.16.3. Warn

Description	
<b>MQE0232</b> Vaccination action code is deprecated	
Rule Name	Details

VaccinationActionCodeIsValid	Deprecated code value.
------------------------------	------------------------

Description	
<b>MQE0236</b> Vaccination action code is unrecognized	
Rule Name	Details
VaccinationActionCodeIsValid	Code submitted is not recognized as either valid or invalid because it is unknown to this system.

#### 5.16.4. Info

Description
<b>MQE0233</b> Vaccination action code is ignored

### 5.17. Body Route (RXR-1)

#### 5.17.1. Accept

Description	
<b>MQE0277</b> Vaccination body route is missing	
Rule Name	Details
VaccinationBodyRouteAndSiteAreValid	No value found, no data sent, nothing to analyze.

#### 5.17.2. Warn

Description	
<b>MQE0273</b> Vaccination body route is deprecated	
Rule Name	Details
VaccinationBodyRouteAndSiteAreValid	Deprecated code value.

Description	
<b>MQE0275</b> Vaccination body route is invalid	
Rule Name	Details
VaccinationBodyRouteAndSiteAreValid	Coded value is recognized and is considered to be an invalid code, which means that there are no valid uses for this coded value.

Description
<b>MQE0276</b> Vaccination body route is invalid for vaccine indicated

Description	
<b>MQE0278</b> Vaccination body route is unrecognized	
Rule Name	Details
VaccinationBodyRouteAndSiteAreValid	Code submitted is not recognized as either valid or invalid because it is unknown to this system.

#### 5.17.3. Info

Description
<b>MQE0274</b> Vaccination body route is ignored

## 5.18. Order Control Code (ORC-1)

### 5.18.1. Accept

Description
<b>MQE0371</b> Vaccination order control code is missing

### 5.18.2. Warn

Description
<b>MQE0373</b> Vaccination order control code is deprecated

Description
<b>MQE0370</b> Vaccination order control code is invalid

Description
<b>MQE0372</b> Vaccination order control code is unrecognized

### 5.18.3. Info

Description
<b>MQE0369</b> Vaccination order control code is ignored

## 5.19. Cpt Code (RXA-5)

### 5.19.1. Accept

Description	
MQE0303 Vaccination CPT code is missing	
Rule Name	Details
VaccinationCptIsValid	No value found, no data sent, nothing to analyze.
VaccinationAdminCodeCptIsValid	No value found, no data sent, nothing to analyze.

Description	
MQE0488 Vaccination CPT code is unexpected for date administered	
Rule Name	Details
VaccinationCptIsValid	Vaccination CPT Code is outside of licensed vaccine date range for the cvx it maps to.

### 5.19.2. Warn

Description
<b>MQE0300</b> Vaccination CPT code is deprecated

Rule Name	Details
VaccinationCptIsValid	Deprecated code value.
VaccinationAdminCodeCptIsValid	Deprecated code value.

Description	
<b>MQE0302</b> Vaccination CPT code is invalid	
Rule Name	Details
VaccinationCptIsValid	Coded value is recognized and is considered to be an invalid code, which means that there are no valid uses for this coded value.
VaccinationAdminCodeCptIsValid	Coded value is recognized and is considered to be an invalid code, which means that there are no valid uses for this coded value.

Description	
<b>MQE0489</b> Vaccination CPT code is invalid for date administered	
Rule Name	Details
VaccinationCptIsValid	Vaccination CPT Code is outside of expected vaccine date range for the cvx it maps to.

Description	
<b>MQE0304</b> Vaccination CPT code is unrecognized	
Rule Name	Details
VaccinationCptIsValid	Code submitted is not recognized as either valid or invalid because it is unknown to this system.
VaccinationAdminCodeCptIsValid	Code submitted is not recognized as either valid or invalid because it is unknown to this system.

### 5.19.3. Info

Description
<b>MQE0301</b> Vaccination CPT code is ignored

## 5.20. Vis Cvx Code

### 5.20.1. Accept

Description	
<b>MQE0603</b> Vaccination VIS CVX Code is invalid	
Rule Name	Details
VaccinationVisCvxIsValid	Coded value is recognized and is considered to be an invalid code, which means that there are no valid uses for this coded value.

Description	
<b>MQE0604</b> Vaccination VIS CVX Code is unrecognized	
Rule Name	Details
	Code submitted is not recognized as either valid or invalid because it is

VaccinationVisCvxIsValid	unknown to this system.
--------------------------	-------------------------

Description	
MQE0605 Vaccination VIS CVX Code is missing	
Rule Name	Details
VaccinationVisCvxIsValid	No value found, no data sent, nothing to analyze.

#### 5.20.2. Warn

Description	
MQE0601 Vaccination VIS CVX Code is deprecated	
Rule Name	Details
VaccinationVisCvxIsValid	Deprecated code value.

#### 5.20.3. Info

Description	
MQE0602 Vaccination VIS CVX Code is ignored	

### 5.21. Facility Id (RXA-11.4)

#### 5.21.1. Accept

Description	
MQE0313 Vaccination facility id is invalid	

Description	
MQE0314 Vaccination facility id is missing	

Description	
MQE0315 Vaccination facility id is unrecognized	

#### 5.21.2. Warn

Description	
MQE0311 Vaccination facility id is deprecated	

#### 5.21.3. Info

Description	
MQE0312 Vaccination facility id is ignored	

### 5.22. Vis (RXA-9)

#### 5.22.1. Warn

|--|--|



Description
<b>MQE0543</b> Vaccination VIS is unrecognized

#### 5.22.2. Info

Description	
MQE0542 Vaccination VIS is missing	
Rule Name	Details
VaccinationVisIsRecognized	No value found, no data sent, nothing to analyze.
VaccinationVisIsPresent	Administered Vaccine is missing VIS or VIS is missing a document code, CVX and Published Date.

### 5.23. Placer Order Number (ORC-2)

#### 5.23.1. Accept

Description
<b>MQE0387</b> Vaccination placer order number is missing

#### 5.23.2. Warn

Description
<b>MQE0384</b> Vaccination placer order number is deprecated

Description
<b>MQE0386</b> Vaccination placer order number is invalid

Description
<b>MQE0388</b> Vaccination placer order number is unrecognized

#### 5.23.3. Info

Description
<b>MQE0385</b> Vaccination placer order number is ignored

### 5.24. Funding Source Code (OBX-5)

#### 5.24.1. Accept

Description	
MQE0585 Vaccination funding source code is invalid	
Rule Name	Details
VaccinationFundingSourceCodeIsValid	Coded value is recognized and is considered to be an invalid code, which means that there are no valid uses for this coded value.

Description

<b>MQE0586</b> Vaccination funding source code is missing	
Rule Name	Details
VaccinationFundingSourceCodeIsValid	No value found, no data sent, nothing to analyze.

Description	
<b>MQE0587</b> Vaccination funding source code is unrecognized	
Rule Name	Details
VaccinationFundingSourceCodeIsValid	Code submitted is not recognized as either valid or invalid because it is unknown to this system.

#### 5.24.2. Warn

Description	
<b>MQE0583</b> Vaccination funding source code is deprecated	
Rule Name	Details
VaccinationFundingSourceCodeIsValid	Deprecated code value.

Description	
<b>MQE0596</b> Vaccination funding source code is unexpected for financial eligibility	
Rule Name	Details
VaccinationFundingAndEligibilityConflict	The financial funding source given is unexpected for the financial eligibility given.

#### 5.24.3. Info

Description	
<b>MQE0584</b> Vaccination funding source code is ignored	

### 5.25. Admin Code Table (RXA-5)

#### 5.25.1. Error

Description	
<b>MQE0483</b> Vaccination admin code table is missing	

Description	
<b>MQE0484</b> Vaccination admin code table is invalid	

### 5.26. Ordered By (XCN-12)

#### 5.26.1. Accept

Description	
<b>MQE0348</b> Vaccination ordered by is missing	
Rule Name	Details

VaccinationOrdererIsValid	No value found, no data sent, nothing to analyze.
---------------------------	---

#### 5.26.2. Warn

Description	
MQE0345 Vaccination ordered by is deprecated	
Rule Name	Details
VaccinationOrdererIsValid	Deprecated code value.

Description	
MQE0347 Vaccination ordered by is invalid	
Rule Name	Details
VaccinationOrdererIsValid	Coded value is recognized and is considered to be an invalid code, which means that there are no valid uses for this coded value.

Description	
MQE0349 Vaccination ordered by is unrecognized	
Rule Name	Details
VaccinationOrdererIsValid	Code submitted is not recognized as either valid or invalid because it is unknown to this system.

#### 5.26.3. Info

Description	
MQE0346 Vaccination ordered by is ignored	

### 5.27. Completion Status (RXA-20)

#### 5.27.1. Accept

Description	
MQE0287 Vaccination completion status is invalid	
Rule Name	Details
VaccinationCompletionStatusIsValid	Coded value is recognized and is considered to be an invalid code, which means that there are no valid uses for this coded value.

Description	
MQE0288 Vaccination completion status is missing	
Rule Name	Details
VaccinationCompletionStatusIsValid	No value found, no data sent, nothing to analyze.

Description	
MQE0289 Vaccination completion status is unrecognized	
Rule Name	Details
	Code submitted is not recognized as either valid or invalid because it

VaccinationCompletionStatusIsValid|is unknown to this system.

Description	
MQE0290 Vaccination completion status is valued as completed	
Rule Name	Details
VaccinationCompletionStatusIsValid	Vaccination Completion Code has value of CP

#### 5.27.2. Warn

Description	
MQE0285 Vaccination completion status is deprecated	
Rule Name	Details
VaccinationCompletionStatusIsValid	Deprecated code value.

#### 5.27.3. Info

Description	
MQE0286 Vaccination completion status is ignored	

Description	
MQE0291 Vaccination completion status is valued as not administered	
Rule Name	Details
VaccinationCompletionStatusIsValid	Vaccination Completion Code has value of NA

Description	
MQE0292 Vaccination completion status is valued as partially administered	
Rule Name	Details
VaccinationCompletionStatusIsValid	Vaccination Completion Code has value of PA

Description	
MQE0293 Vaccination completion status is valued as refused	
Rule Name	Details
VaccinationCompletionStatusIsValid	Vaccination Completion Code has value of RE

### 5.28. Facility Name (RXA-11.4)

#### 5.28.1. Accept

Description	
MQE0316 Vaccination facility name is missing	
Rule Name	Details
VaccinationAdministeredRequiredFieldsArePresent	No value found, no data sent, nothing to analyze.

### 5.29. Given By (RXA-10)

#### 5.29.1. Accept

Description
<b>MQE0320</b> Vaccination given by is missing

#### 5.29.2. Warn

Description
<b>MQE0317</b> Vaccination given by is deprecated

Description
<b>MQE0319</b> Vaccination given by is invalid

Description
<b>MQE0321</b> Vaccination given by is unrecognized

#### 5.29.3. Info

Description
<b>MQE0318</b> Vaccination given by is ignored

### 5.30. Lot Expiration Date (RXA-16)

#### 5.30.1. Accept

Description	
<b>MQE0337</b> Vaccination lot expiration date is missing	
Rule Name	Details
VaccinationAdministeredRequiredFieldsArePresent	No value found, no data sent, nothing to analyze.

#### 5.30.2. Warn

Description
<b>MQE0336</b> Vaccination lot expiration date is invalid

### 5.31. Admin Date End (RXA-4)

#### 5.31.1. Accept

Description
<b>MQE0267</b> Vaccination admin date end is missing

#### 5.31.2. Warn

Description
<b>MQE0266</b> Vaccination admin date end is different from start date

## 5.32. Order Facility Id (ORC-21)

### 5.32.1. Accept

Description
<b>MQE0442</b> Vaccination order facility id is deprecated

Description
<b>MQE0445</b> Vaccination order facility id is missing

### 5.32.2. Warn

Description
<b>MQE0444</b> Vaccination order facility id is invalid

Description
<b>MQE0446</b> Vaccination order facility id is unrecognized

### 5.32.3. Info

Description
<b>MQE0443</b> Vaccination order facility id is ignored

## 5.33. System Entry Time (RXA-22)

### 5.33.1. Accept

Description	
MQE0573 Vaccination system entry time is missing	
Rule Name	Details
VaccinationCreationDateIsValid	No value found, no data sent, nothing to analyze.

Description	
MQE0581 Vaccination system entry time is in future	
Rule Name	Details
VaccinationCreationDateIsValid	Vaccination System Entry date is in the future or is after message recieved date.

Description	
MQE0574 Vaccination system entry time is invalid	
Rule Name	Details
VaccinationCreationDateIsValid	Vaccination System Entry date cannot be translated to a date.

Description	
MQE0569 Vaccination system entry time is on time	

Rule Name	Details
VaccinationCreationTimeliness	Vaccination Administered Date and System Entry Date less than or equal to 3 days of each other.

Description	
MQE0570 Vaccination system entry time is late	
Rule Name	Details
VaccinationCreationTimeliness	Vaccination Administered Date and System Entry Date are more than 3 days but less than or equal to 14 days apart.

Description	
MQE0571 Vaccination system entry time is very late	
Rule Name	Details
VaccinationCreationTimeliness	Vaccination Administered Date and System Entry Date are more than 14 days but less than or equal to 30 days apart.

Description	
MQE0572 Vaccination system entry time is too late	
Rule Name	Details
VaccinationCreationTimeliness	Vaccination Administered Date and System Entry Date are over 30 days apart.

### 5.34. Id Of Sender (ORC-3)

#### 5.34.1. Accept

Description	
MQE0325 Vaccination id of sender is missing	

#### 5.34.2. Warn

Description	
MQE0326 Vaccination id of sender is unrecognized	

### 5.35. Vis Version Date

#### 5.35.1. Warn

Description	
MQE0503 Vaccination VIS Version Date is invalid	

Description	
MQE0504 Vaccination VIS Version Date is missing	

Description	
MQE0505 Vaccination VIS Version Date is unrecognized	

Description
<b>MQE0506</b> Vaccination VIS Version Date is in future

### 5.36. Information Source (RXA-9)

#### 5.36.1. Accept

Description	
MQE0331 Vaccination information source is invalid	
Rule Name	Details
VaccinationInformationSourceIsValid	Coded value is recognized and is considered to be an invalid code, which means that there are no valid uses for this coded value.

Description	
MQE0332 Vaccination information source is missing	
Rule Name	Details
VaccinationInformationSourceIsValid	No value found, no data sent, nothing to analyze.

Description	
MQE0333 Vaccination information source is unrecognized	
Rule Name	Details
VaccinationInformationSourceIsValid	Coded value is not recognized as either valid or invalid because it is unknown to this system.

Description	
MQE0334 Vaccination information source is valued as administered	
Rule Name	Details
VaccinationInformationSourceIsValid	null

Description	
MQE0335 Vaccination information source is valued as historical	
Rule Name	Details
VaccinationInformationSourceIsValid	null

#### 5.36.2. Warn

Description	
MQE0327 Vaccination information source is administered but appears to historical	
Rule Name	Details
VaccinationSourceIsHistoricalButAppearsAdministered	Vaccination information source is reported as administered, but based on our scoring calculation (how recently shot was given and how much data is known about the shot) the shot seems to be historical.



Description	
MQE0328 Vaccination information source is deprecated	
Rule Name	Details
VaccinationInformationSourceIsValid	Deprecated code value.

Description	
MQE0329 Vaccination information source is historical but appears to be administered	
Rule Name	Details
VaccinationSourceIsAdministeredButAppearsHistorical	Vaccination information source is reported as historical but based on our scoring calculation (how recently shot was given and how much data is known about the shot) the shot seems to be administered.

### 5.36.3. Info

Description
MQE0330 Vaccination information source is ignored

## 5.37. Vis Document Type

### 5.37.1. Warn

Description
MQE0496 Vaccination VIS document type is deprecated

Description
MQE0498 Vaccination VIS document type is incorrect

Description
MQE0499 Vaccination VIS document type is invalid

Description
MQE0500 Vaccination VIS document type is missing

Description
MQE0501 Vaccination VIS document type is unrecognized

Description
MQE0502 Vaccination VIS document type is out-of-date

### 5.37.2. Info

Description
MQE0497 Vaccination VIS document type is ignored

## 5.38. Cvx Code (RXA-5)

### 5.38.1. Accept

Description	
<b>MQE0308</b> Vaccination CVX code is missing	
Rule Name	Details
VaccinationCvxIsValid	No value found, no data sent, nothing to analyze.

Description
<b>MQE0486</b> Vaccination CVX code is unexpected for date administered

### 5.38.2. Warn

Description	
<b>MQE0305</b> Vaccination CVX code is deprecated	
Rule Name	Details
VaccinationCvxIsValid	Deprecated code value.

Description	
<b>MQE0307</b> Vaccination CVX code is invalid	
Rule Name	Details
VaccinationCvxIsValid	Coded value is recognized and is considered to be an invalid code, which means that there are no valid uses for this coded value.

Description
<b>MQE0487</b> Vaccination CVX code is invalid for date administered

Description	
<b>MQE0309</b> Vaccination CVX code is unrecognized	
Rule Name	Details
VaccinationCvxIsValid	Code submitted is not recognized as either valid or invalid because it is unknown to this system.

### 5.38.3. Info

Description
<b>MQE0306</b> Vaccination CVX code is ignored

## 5.39. Vis Presented Date

### 5.39.1. Warn

Description
<b>MQE0537</b> Vaccination VIS presented date is invalid

Rule Name	Details
VaccinationVisDatesAreValid	Vaccination Vis Presented date cannot be translated to a date.

Description
<b>MQE0538</b> Vaccination VIS presented date is missing

Description	
MQE0539 Vaccination VIS presented date is not admin date	
Rule Name	Details
VaccinationVisDatesAreValid	Vaccination Vis Presented date should be the same as the Vaccination Administered Date.

Description	
MQE0540 Vaccination VIS presented date is before published date	
Rule Name	Details
VaccinationVisDatesAreValid	Vaccination Vis Presented date cannot be earlier than Vis Published date.

Description	
MQE0541 Vaccination VIS presented date is after admin date	
Rule Name	Details
VaccinationVisDatesAreValid	Vaccination Vis Presented date cannot be after Vaccination Administered Date.

## 5.40. Lot Number (RXA-15)

### 5.40.1. Warn

Description	
MQE0590 Vaccination lot number is unrecognized	
Rule Name	Details
VaccinationAdministeredLotNumberIsValid	Vaccination lot number doesn't match the expected format specified by the manufacturer code.

Description	
MQE0591 Vaccination lot number has multiples	
Rule Name	Details
VaccinationAdministeredLotNumberIsValid	Vaccination lot number has multiple lot numbers.

Description	
MQE0592 Vaccination lot number has invalid prefixes	
Rule Name	Details
VaccinationAdministeredLotNumberIsValid	Vaccination lot number cannot start with LOT, (P), MED, SKB, LOT, PMC, WSD, WAL

--

Description	
<b>MQE0593</b> Vaccination lot number has invalid suffixes	
Rule Name	Details
VaccinationAdministeredLotNumberIsValid	Vaccination lot number cannot end with (P), -P, -S, -C, -H, -V, *, #, (S), (P), MSD, HSP, SELECT, CP, VFC, STATE, CHIP, ADULT, ST-, PRIVATE, PED, UNINSURED, SPECIAL, OVER19, VMC, -COUNT, REAR, PENT, PENTACEL, DTAP, IPV, ACTH, HIB, PFF, FLU, BOOST, HAV, GARDASIL, ROTATEQ, PEDVAX, VARIVAX, PNEU, PNEUMOVAX, MMR, MENVEO, MENACTRA, FLU ZONE

Description	
<b>MQE0594</b> Vaccination lot number has invalid infixes	
Rule Name	Details
VaccinationAdministeredLotNumberIsValid	Vaccination lot number cannot contain the text ICE3

Description	
<b>MQE0595</b> Vaccination lot number is too short	
Rule Name	Details
VaccinationAdministeredLotNumberIsValid	Vaccination lot number is 4 characters or less.

Description	
<b>MQE0338</b> Vaccination lot number is invalid	
Rule Name	Details
VaccinationAdministeredLotNumberIsValid	Vaccination lot number must be comprised of alphanumeric characters and/or the '-'. All other characters are invalid.

Description	
<b>MQE0339</b> Vaccination lot number is missing	
Rule Name	Details
VaccinationAdministeredLotNumberIsPresent	No value found, no data sent, nothing to analyze.

#### 5.41. Recorded By (ORC-10)

##### 5.41.1. Accept

Description	
<b>MQE0357</b> Vaccination recorded by is missing	
Rule Name	Details
VaccinationOrdererIsValid	No value found, no data sent, nothing to analyze.

##### 5.41.2. Warn

Description

<b>MQE0354</b> Vaccination recorded by is deprecated	
Rule Name	Details
VaccinationOrdererIsValid	Deprecated code value.

Description	
<b>MQE0356</b> Vaccination recorded by is invalid	
Rule Name	Details
VaccinationOrdererIsValid	Coded value is recognized and is considered to be an invalid code, which means that there are no valid uses for this coded value.

Description	
<b>MQE0358</b> Vaccination recorded by is unrecognized	
Rule Name	Details
VaccinationOrdererIsValid	Code submitted is not recognized as either valid or invalid because it is unknown to this system.

#### 5.41.3. Info

Description
<b>MQE0355</b> Vaccination recorded by is ignored

### 5.42. Id (ORC-3)

#### 5.42.1. Accept

Description
<b>MQE0322</b> Vaccination id is missing

### 5.43. Cvx Code And Cpt Code (RXA-5)

#### 5.43.1. Warn

Description	
<b>MQE0310</b> Vaccination CVX code and CPT code are inconsistent	
Rule Name	Details
VaccinationCodeGroupsMatch	The Vaccination CPT code given is expecting a different vaccine group than the vaccine group from the CVX given.

### 5.44. Order Facility Name (ORC-21)

#### 5.44.1. Accept

Description
<b>MQE0441</b> Vaccination order facility name is missing

## 6. Observation

## 6.1. Date Time Of Observation (OBX-14)

### 6.1.1. Warn

Description	
MQE0481 Observation date time of observation is missing	
Rule Name	Details
ObservationDateIsValid	No value found, no data sent, nothing to analyze.

Description	
MQE0482 Observation date time of observation is invalid	
Rule Name	Details
ObservationDateIsValid	Coded value is recognized and is considered to be an invalid code, which means that there are no valid uses for this coded value.

## 6.2. Identifier Code (OBX-3)

### 6.2.1. Warn

Description
MQE0475 Observation identifier code is deprecated

Description
MQE0477 Observation identifier code is invalid

Description
MQE0478 Observation identifier code is missing

Description
MQE0479 Observation identifier code is unrecognized

### 6.2.2. Info

Description
MQE0476 Observation identifier code is ignored

## 6.3. Value (OBX-5)

### 6.3.1. Warn

Description
MQE0532 Observation value is missing

Description
MQE0480 Observation value is missing

## 6.4. Value Type (OBX-2)

### 6.4.1. Warn

Description	
MQE0470 Observation value type is deprecated	
Rule Name	Details
ObservationValueTypeIsValid	Deprecated code value.

Description	
MQE0472 Observation value type is invalid	
Rule Name	Details
ObservationValueTypeIsValid	Coded value is recognized and is considered to be an invalid code, which means that there are no valid uses for this coded value.

Description	
MQE0473 Observation value type is missing	
Rule Name	Details
ObservationValueTypeIsValid	No value found, no data sent, nothing to analyze.

Description	
MQE0474 Observation value type is unrecognized	
Rule Name	Details
ObservationValueTypeIsValid	Code submitted is not recognized as either valid or invalid because it is unknown to this system.

### 6.4.2. Info

Description	
MQE0471 Observation value type is ignored	