

DATATYPE	ATTRIBUTE	NOTE	QDM-IG NOTE	MITRE NOTE	Recommendation
Diagnosis, Active	status	The "status active" template is required for this datatype, but the "status" attribute itself is not available.	Suggest remove "status" attribute from the QDM	QDM users have questioned if active/inactive/resolved should even be different types. See QDM-37.	Remove - meaning is redundant or ambiguous - not currently used - EHR's status already matches datatype
Diagnosis, Inactive	status	The "status inactive" template is required for this datatype, but the "status" attribute itself is not available.	Suggest remove "status" attribute from the QDM	QDM users have questioned if active/inactive/resolved should even be different types. See QDM-37.	Remove - meaning is redundant or ambiguous - not currently used - EHR's status already matches datatype
Diagnosis, Resolved	status	The "status resolved" template is required for this datatype, but the "status" attribute itself is not available.	Suggest remove "status" attribute from the QDM	QDM users have questioned if active/inactive/resolved should even be different types. See QDM-37.	Remove - meaning is redundant or ambiguous - not currently used - EHR's status already matches datatype
Intervention, Performed	method		Intervention Performed is represented as an act and not a procedure in QRDA, which also aligns with CCDA. The definition of Intervention is broader than just procedure. An act does not have a method attribute.		Remove - does not align with CCDA/QRDA - not currently used - better represented as a value set Also remove: - anatomical location site - anatomical location approach
Intervention, Recommended	method		Intervention Performed is represented as an act and not a procedure in QRDA-1 R2, which also aligns with CCDA. The definition of Intervention is broader than just procedure. An act does not have a method attribute.		Remove - does not align with CCDA/QRDA - not currently used - better represented as a value set Also remove: - anatomical location site - anatomical location approach
Medication, Active	number		The use of "number" was not clear in QDM Dec. 2012. It is not represented in QRDA-I R2.		Remove - meaning is not clear - not currently used
Medication, Administered	number		The use of "number" was not clear in QDM Dec. 2012. It is not represented in QRDA-I R2.		Remove - meaning is not clear - not currently used
Medication, Administered	time		No clear definition how "time" is used in the QDM data type, and how it is different from "start datetime" and "stop datetime"		Remove - meaning is ambiguous or redundant - not currently used Also remove: - date
Medication, Adverse Effects	dose		In QRDA-I R2, this was modeled after CCDA template Allergy - Intolerance Observation (an observation not a substanceAdministration).		Remove - does not make sense for this datatype
Medication, Adverse Effects	frequency		In QRDA-I R2, this was modeled after CCDA template Allergy - Intolerance Observation (an observation not a substanceAdministration).		Remove - does not make sense for this datatype

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Medication, Adverse Effects	number		In QRDA-I R2, this was modeled after CCDA template Allergy - Intolerance Observation (an observation not a substanceAdministration). The definition of "number" is not clear.		Remove - meaning is not clear - not currently used
Medication, Adverse Effects	route		In QRDA-I R2, this was modeled after CCDA template Allergy - Intolerance Observation (an observation not a substanceAdministration).		Remove - does not make sense for this datatype
Medication, Allergy	dose		In QRDA-I R2, this was modeled after CCDA template Allergy - Intolerance Observation (an observation not a substanceAdministration).		Remove - does not make sense for this datatype
Medication, Allergy	number		In QRDA-I R2, this was modeled after CCDA template Allergy - Intolerance Observation (an observation not a substanceAdministration). The definition of "number" is not clear.		Remove - meaning is not clear - not currently used
Medication, Allergy	route		In QRDA-I R2, this was modeled after CCDA template Allergy - Intolerance Observation (an observation not a substanceAdministration).		Remove - does not make sense for this datatype
Medication, Discharge	number		The use of "number" was not clear in QDM Dec. 2012. It is not represented in QRDA-I R2.		Remove - meaning is not clear - not currently used
Medication, Dispensed	dose		In QRDA-I R2, this was modeled after CCDA template Medication Dispense, which is a supply not a substanceAdministration		Needs feedback from UG - dose may not be available for dispensed - not currently used
Medication, Dispensed	number		In QRDA-I R2, this was modeled after CCDA template Medication Dispense, which is a supply not a substanceAdministration The use of "number" was not clear in QDM Dec. 2012. It is not represented in QRDA-I R2.		Remove - meaning is not clear - not currently used
Medication, Dispensed	route		In QRDA-I R2, this was modeled after CCDA template Medication Dispense, which is a supply not a substanceAdministration		Needs feedback from UG - route may not be available for dispensed - not currently used
Medication, Intolerance	dose		In QRDA-I R2, this was modeled after CCDA template Allergy - Intolerance Observation (an observation not a substanceAdministration).		Remove - does not make sense for this datatype
Medication, Intolerance	frequency		In QRDA-I R2, this was modeled after CCDA template Allergy - Intolerance Observation (an observation not a substanceAdministration).		Remove - does not make sense for this datatype
Medication, Intolerance	number		The use of "number" was not clear in QDM Dec. 2012. It is not represented in QRDA-I R2.		Remove - meaning is not clear - not currently used
Medication, Intolerance	refills		In QRDA-I R2, this was modeled after CCDA template Allergy - Intolerance Observation (an observation not a substanceAdministration).		Remove - does not make sense for this datatype
Medication, Intolerance	route		In QRDA-I R2, this was modeled after CCDA template Allergy - Intolerance Observation (an observation not a substanceAdministration).		Remove - does not make sense for this datatype
Medication, Order	number		The use of "number" was not clear in QDM Dec. 2012. It is not represented in QRDA-I R2.		Remove - meaning is not clear - not currently used
Substance, Administered	date		No clear definition how "date" is used in the QDM data type, and how it is different from "start datetime" and "stop datetime" and frequency	QDM December 2013 defines as "the date that the medication was administered"	Remove - meaning is ambiguous or redundant - not currently used

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Substance, Administered	time		No clear definition how "time" is used in the QDM data type, and how it is different from "start datetime" and "stop datetime" and frequency		Remove - meaning is ambiguous or redundant - not currently used
Substance, Administered	number		The use of "number" was not clear in QDM Dec. 2012. It is not represented in QRDA-I R2.		Remove - meaning is not clear - not currently used
Substance, Adverse Event	dose		In QRDA-I R2, this was modeled after CCDA template Allergy - Intolerance Observation (an observation not a substanceAdministration).		Remove - does not make sense for this datatype
Substance, Adverse Event	frequency		In QRDA-I R2, this was modeled after CCDA template Allergy - Intolerance Observation (an observation not a substanceAdministration).		Remove - does not make sense for this datatype
Substance, Adverse Event	number		The use of "number" was not clear in QDM Dec. 2012. It is not represented in QRDA-I R2.		Remove - meaning is not clear - not currently used
Substance, Adverse Event	route		In QRDA-I R2, this was modeled after CCDA template Allergy - Intolerance Observation (an observation not a substanceAdministration).		Remove - does not make sense for this datatype
Substance, Allergy	dose		In QRDA-I R2, this was modeled after CCDA template Allergy - Intolerance Observation (an observation not a substanceAdministration).		Remove - does not make sense for this datatype
Substance, Allergy	frequency		In QRDA-I R2, this was modeled after CCDA template Allergy - Intolerance Observation (an observation not a substanceAdministration).		Remove - does not make sense for this datatype
Substance, Allergy	number		The use of "number" was not clear in QDM Dec. 2012. It is not represented in QRDA-I R2.		Remove - meaning is not clear - not currently used
Substance, Allergy	route		In QRDA-I R2, this was modeled after CCDA template Allergy - Intolerance Observation (an observation not a substanceAdministration).		Remove - does not make sense for this datatype
Substance, Intolerance	dose		In QRDA-I R2, this was modeled after CCDA template Allergy - Intolerance Observation (an observation not a substanceAdministration).		Remove - does not make sense for this datatype
Substance, Intolerance	number		The use of "number" was not clear in QDM Dec. 2012. It is not represented in QRDA-I R2.		Remove - meaning is not clear - not currently used
Substance, Order	number		The use of "number" was not clear in QDM Dec. 2012. It is not represented in QRDA-I R2.		Remove - meaning is not clear - not currently used
Substance, Recommended	number		The use of "number" was not clear in QDM Dec. 2012. It is not represented in QRDA-I R2.		Remove - meaning is not clear - not currently used
Symptom, Active	environment		The use of "environment" was not clear in QDM Dec. 2012. It is not represented in QRDA-I R2.	QDM December 2013 defines as "The setting in which an symptom is occurs (e.g., home, school, work, etc.)."	Needs UG feedback - mainly needed for ADHD measures - can we use a valueset instead?
Symptom, Active	status	The "status active" template is required for this datatype, but the "status" attribute is not available.	Suggest remove "status" attribute from the QDM	Same concern as Diagnosis. Should it be different datatypes? See QDM-37.	Remove - meaning is redundant or ambiguous - not currently used - EHR's status already matches datatype

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Symptom, Assessed	status		Suggest remove "status" attribute from the QDM	Same concern as Diagnosis. Should it be different datatypes? See QDM-37.	Remove - meaning is redundant or ambiguous - not currently used - EHR's status already matches datatype
Symptom, Inactive	status	The "status inactive" template is required for this datatype, but the "status" attribute is not available.	Suggest remove "status" attribute from the QDM	Same concern as Diagnosis. Should it be different datatypes? See QDM-37.	Remove - meaning is redundant or ambiguous - not currently used - EHR's status already matches datatype
Symptom, Resolved	status	The "status resolved" template is required for this datatype, but the "status" attribute is not available.	Suggest remove "status" attribute from the QDM	Same concern as Diagnosis. Should it be different datatypes? See QDM-37.	Remove - meaning is redundant or ambiguous - not currently used - EHR's status already matches datatype
System Characteristic	N/A		Not clear with how System Characteristic should be used	QDM December 2013 states "Data elements that meet criteria using this datatype should document aspects of the structural configuration of an organization, for example nursing staff ratios, availability of durable medical equipment, health information technology structures (e.g., e-prescribing), access to care systems, or invasive procedure capabilities by using the QDM Category and its corresponding value set."	Needs UG feedback - may be too broad to be useful
System Characteristic	negation rationale		Not clear with how System Characteristic should be used		See above
System Characteristic	start datetime		Not clear with how System Characteristic should be used		See above
System Characteristic	stop datetime		Not clear with how System Characteristic should be used		See above