

Registry eRx XML File Specifications Program Year 2011

XML Element	Attributes	Description	Data Element	Valid Values	Data Type	Field Size	Data Required
A header is required at the beginning of each XML file as follows: <?xml version="1.0" encoding="UTF-8" ?>							
<submission>	Opening tag for submission element Example with data: <submission type="eRx-REGISTRY" version="2.0" xsi:noNamespaceSchemaLocation="eRxSchema.xsd" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">						
	Type	Describes the setting for which data is being submitted	N/A	eRx-REGISTRY	Character	20	Yes
	Version	The version of the file layout	N/A	2.0	Character	20	Yes
<file-audit-data> Sub-element of the submission element	Opening tag for file audit data	Note: This tag and the entire <file-audit-data> section are required in the XML document. This tag contains no data.					
<create-date> Sub-element of the file audit data element	Each element must have a closing tag that is the same as the opening tag but with a forward slash. Example with data: <create-date>01-23-2011</create-date>						
	None	The month, day, and year the XML file was created.	N/A	MM-DD-YYYY (Must be a valid date)	Date	10	Yes
<create-time> Sub-element of the file audit data element	Each element must have a closing tag that is the same as the opening tag but with a forward slash. Example with data: <create-time>23:01</create-time>						
	None	The hour and minutes representing the time the file was created.	N/A	HH:MM (Military format with or without colon)	Time	5	Yes
<create-by> Sub-element of the file audit data element	Each element must have a closing tag that is the same as the opening tag but with a forward slash. Example with data: <create-by>RegistryA</create-by>						
	None	The entity who created the file.	N/A		Character	50	Yes
<version> Sub-element of the file audit data element	Each element must have a closing tag that is the same as the opening tag but with a forward slash. Example with data: <version>1.0</version>						
	None	The version of the file being submitted.	N/A		Character	20	Yes

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<file-number> Sub-element of the file audit data element	Each element must have a closing tag that is the same as the opening tag but with a forward slash. Example with data: <file-number>1</file-number>						
	None	The number of the file.	N/A		Number	5	Yes
<number-of-files> Sub-element of the file audit data element	Each element must have a closing tag that is the same as the opening tag but with a forward slash. Example with data: <number-of-files>1</number-of-files>						
	None	Total number of files.	N/A		Number	5	Yes
</file-audit-data> Closing tag for file audit data		Note: This tag and the entire <file-audit-data> section are required in the XML document.					
<registry> Sub-element of the submission element	Opening tag for file registry data	Note: This tag is required in the XML document, however, it contains no data.					
<registry-name> Sub-element of the registry element	Each element must have a closing tag that is the same as the opening tag but with a forward slash. Example with data: <registry-name>Model Registry</registry-name>						
	None	The registry name.	Registry Name	Registry Name	Character	100	Yes
<registry-id> Sub-element of the registry element	Each element must have a closing tag that is the same as the opening tag but with a forward slash. Example with data: <registry-id>125789123</registry-id>						
	None	Used to identify the registry. Use Registry's Corporate TIN.	Registry ID		Character	9	Yes
<submission-type>	Each element must have a closing tag that is the same as the opening tag but with a forward slash. Example with data: <submission-type>1</submission-type>						

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	None	Used to identify the type of submission Note: Limit one xml file to a single submission type	Submission Type	1 - Individual eRx Submission 2 - GPRO eRx Submission	Number	1	Yes
<submission-method> Sub-element of the file registry element	Each element must have a closing tag that is the same as the opening tag but with a forward slash. Example with data: <submission-method>AA</submission-method>						
	None	Submission Method: AA = 12 months	Submission Method	AA = (12 month reporting period = January 1, 2011 through December 31, 2011)	Character	2	Yes
</registry>	Closing tag for registry	Note: This tag is required in the XML document, however, it contains no data.					
<provider> Sub-element of the measure-group element	Opening tag for provider	Note: This tag is required in the XML document, however, it contains no data. This element repeats if there are multiple providers					
<npi> Sub-element of the provider element	Each element must have a closing tag that is the same as the opening tag but with a forward slash. Example with data: <npi>1257894658</npi>						
	None	National Provider Identifier as assigned by CMS.	National Provider Identifier (NPI)	10 digit NPI Number	Character	10	Yes
<tin> Sub-element of the provider element	Each element must have a closing tag that is the same as the opening tag but with a forward slash. Example with data: <tin>125789465</tin>						
	None	The tax identification number for specific NPI.	Tax Identification Number (TIN)	9 digit Tax Identification Number	Character	9	Yes
<email-address> Sub-element of the provider element	Each element must have a closing tag that is the same as the opening tag but with a forward slash. Example with data: <email-address>johndoe@abc.com</email-address>						

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	None	The email address of the provider's data submitted	Email Address		Character	100	Optional
<waiver-signed> Sub-element of the provider element	Each element must have a closing tag that is the same as the opening tag but with a forward slash. Example with data: <waiver-signed>Y</waiver-signed>						
	None	Participation waiver signed? A participation waiver indicates the eligible professional has given the registry permission to submit data on their behalf.	Waiver Signed	Y,y	Character	1	Yes
<collection-method> Sub-element of the provider element	Each element must have a closing tag that is the same as the opening tag but with a forward slash. Example with data: <collection-method>A</collection-method>						
	None	Method Registry collected data from Eligible Professionals.	Collection Method	A = EHR B = Claims C = Practice Mgmt System D = Web Based Tool	Character	4	Yes
<encounter-from-date> Sub-element of the provider element	Each element must have a closing tag that is the same as the opening tag but with a forward slash. Example with data: <encounter-from-date>01-17-2011</encounter-from-date>						
	None	The month, day, and year of the first service encounter of the submission period ("From" date).	N/A	MM-DD-YYYY (Must be a valid date)	Date	10	Yes
<encounter-to-date> Sub-element of the provider element	Each element must have a closing tag that is the same as the opening tag but with a forward slash. Example with data: <encounter-to-date>11-30-2011</encounter-to-date>						
	None	The month, day, and year of the last service encounter of the submission period ("To" date).	N/A	MM-DD-YYYY (Must be a valid date)	Date	10	Yes

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<eRx-measure> Sub-element of the provider data element	Opening tag for eRx measure	Note: This tag is required in the XML document, however, it contains no data.					
<eRx-measure-number> Sub-element of the eRx-measure element	Each element must have a closing tag that is the same as the opening tag but with a forward slash. Note: Only Registries approved to submit for the eRx measure will be accepted Example with data: <eRx-measure-number>eRx</eRx-measure-number>						
	None	Identifies the eRx measure.	eRx Measure	eRx	Character	4	Yes
<reported-instances> Sub-element of the eRx-measure element	Each element must have a closing tag that is the same as the opening tag but with a forward slash. Example with data: <reported-instances>70</reported-instances>						
	None	Number of instances eRx measure reported.	Number Instances of Quality Service Reported	Refer to eRx Measure Specifications	Number	10	Yes
</eRx-measure>	Closing tag for erx-measure	Note: This tag is required in the XML document, however, it contains no data.					
</provider>	Closing tag for provider	Note: This tag is required in the XML document, however, it contains no data.					
</submission>	Closing tag for submission	Note: This tag is required in the XML document, however, it contains no data.					

Registry eRx XML File Edits and Error Messages Program Year 2011

Message Number	Data Element Name	XML Tag/Attribute	Condition	Message Status	Message Level	Message Description
3000	SYSTEM ERROR	SYSTEM ERROR		CRITICAL	Functional*	SYSTEM ERROR
3001	GET XML FILE	GET XML FILE	Header text does not match XML Specifications	CRITICAL	Functional*	The system cannot find the file specified
3002	GET XML FILE	GET XML FILE	Data Element Tag/Attribute mismatch	CRITICAL	Functional*	Invalid XML File.
3003	N/A	N/A	File is submitted after the submission deadline for the submission period	CRITICAL	Functional*	The submission deadline for the program initiative has passed. Files are no longer being accepted.
3004	Submission	<submission>	Submission Type element tag is incorrect	CRITICAL	Functional*	Submission "Type" attribute is required.
3005	Submission	type	Submission Type is not equal to 'eRx-Registry'	CRITICAL	Functional*	Submission Type is not an allowable value.
3008	Submission	<submission>	Submission Version attribute is incorrect	CRITICAL	Functional*	Submission "Version" attribute is required.
3009	Submission	version	Submission Version is not equal to '2.0'	CRITICAL	Functional*	Submission Version is not an allowable value.
3010	File Audit Data	<file-audit-data>	File Audit Data element tag is incorrect	CRITICAL	Functional*	File Audit Data element tag is required
3011	Create Date	<create-date>	Invalid date format	CRITICAL	Functional*	Create Date is not an allowable value.
3012	Create Time	<create-time>	Invalid time format	CRITICAL	Functional*	Create Time is not an allowable value.
3013	Create By	<create-by>	Invalid data	CRITICAL	Functional*	Create By is not an allowable value.
3014	Create Date	<create-date>	Create Date element tag is incorrect	CRITICAL	Functional*	Create Date tag is required.
3015	Create Time	<create-time>	Create Time element tag is incorrect	CRITICAL	Functional*	Create Time tag is required.
3016	Create By	<create-by>	Create By element tag is incorrect	CRITICAL	Functional*	Create By tag is required.
3017	Version	<version>	Version element tag is incorrect	CRITICAL	Functional*	Version tag is required.
3018	Version	<version>	Invalid version format	CRITICAL	Functional*	Version is not an allowable value.
3019	File Number	<file-number>	File Number' element tag is incorrect	CRITICAL	Functional*	File Number tag is required.

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3020	File Number	<file-number>	Invalid data: null, space, invalid type and length	CRITICAL	Functional*	File Number is not an allowable value.
3021	Number of Files	<number-of-files>	Number of Files' element tag is incorrect	CRITICAL	Functional*	Number of Files element tag is required.
3022	Number of Files	<number-of-files>	Invalid data: null, space, invalid type and length	CRITICAL	Functional*	Number of Files is not an allowable value.
3023	Registry	<registry>	Registry element tag is incorrect	CRITICAL	Provider**	Registry element tag is required.
3024	Registry Name	<registry-name>	Registry Name element tag is incorrect	CRITICAL	Provider**	Registry Name tag is required.
3025	Registry Name	<registry-name>	Invalid data: null, space, invalid type and length	CRITICAL	Functional*	Registry Name is not allowable value.
3026	Registry ID	<registry-id>	Registry ID element tag is incorrect	CRITICAL	Functional*	Registry ID tag is required.
3027	Registry ID	<registry-id>	Invalid data: null, space, invalid type and length	CRITICAL	Functional*	Registry ID is not an allowable value.
3028	Submission Type	<submission-type>	Submission Type element tag is incorrect	CRITICAL	Provider**	Submission Type tag is required.
3029	Submission Type	<submission-type>	Invalid data: null, space, invalid type and length	CRITICAL	Provider**	Submission Type is not an allowable value.
3030	Submission Method	<submission-method>	Submission Method element tag is incorrect	CRITICAL	Provider**	Submission Method tag is required.
3031	Submission Method	<submission-method>	Invalid data: null, space, invalid type and length	CRITICAL	Provider**	Submission Method is not an allowable value.
3032	Provider	<provider>	Provider element tag is incorrect	CRITICAL	Provider**	Provider element tag is required.
3033	NPI	<npi>	NPI' element tag is incorrect	CRITICAL	Provider**	NPI tag is required.
3034	NPI	<npi>	Invalid data: null, space, invalid type and length	CRITICAL	Provider**	NPI is not an allowable value.
3035	TIN	<tin>	TIN element tag is incorrect	CRITICAL	Provider**	TIN tag is required.

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3036	TIN	<tin>	Invalid data: null, space, invalid type and length	CRITICAL	Provider**	TIN is not an allowable value.
3037	Waiver Signed	<waiver-signed>	Waiver Signed element tag is incorrect	CRITICAL	Provider**	Waiver signed tag is required.
3038	Waiver Signed	<waiver-signed>	Waiver Signed can not be a value other than Y or y	CRITICAL	Provider**	Waiver must be signed to participate in the eRx program initiative.
3039	Collection Method	<collection-method>	Collection Method element tag is incorrect	CRITICAL	Provider**	Collection Method tag is required.
3040	Collection Method	<collection-method>	Invalid data: null, space, invalid type and length	CRITICAL	Provider**	Collection Method is not an allowable value.
3041	Encounter From Date	<encounter-from-date>	Encounter From Date element tag is incorrect	CRITICAL	Provider**	Encounter From Date tag is required.
3042	Encounter From Date	<encounter-from-date>	1) Encounter From Date is not in a valid format - Valid Format = MM-DD-YYYY - Month cannot be 00 and cannot be greater than 12. - Date cannot be 00 and cannot be greater than 31. - Date cannot exceed limit for month OR 2) Encounter From Date is all 9's	CRITICAL	Provider**	Encounter From Date is not an allowable value.
3043	Encounter From Date	<encounter-from-date>	Encounter From Date can not be greater than Encounter To Date	CRITICAL	Provider**	Encounter From Date can not be greater than Encounter To Date.
3044	Encounter To Date	<encounter-to-date>	Encounter To Date element tag is incorrect	CRITICAL	Provider**	Encounter To Date tag is required.

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3045	Encounter To Date	<encounter-to-date>	1) Encounter To Date is not in a valid format - Valid Format = MM-DD-YYYY - Month cannot be 00 and cannot be greater than 12. - Date cannot be 00 and cannot be greater than 31. - Date cannot exceed limit for month OR 2) Encounter To Date is all 9's	CRITICAL	Provider**	Encounter To Date is not an allowable value.
3046	eRx Measure	<erx-measure>	eRx Measure element tag is incorrect	CRITICAL	Provider**	eRx Measure element tag is required.
3047	eRx Measure Number	<erx-measure-number>	eRx Measure Number element tag is incorrect	CRITICAL	Provider**	eRx Measure Number element tag is required.
3048	eRx Measure Number	<erx-measure-number>	Invalid data: null, space, invalid type and length	CRITICAL	Provider**	eRx Measure Number is not an allowable value.
3049	Reported Instances	<reported-instances>	Reported Instances element tag is incorrect	CRITICAL	Provider**	Reported Instances tag is required.
3050	Reported Instances	<reported-instances>	Invalid data: null, space, invalid type and length	CRITICAL	Provider**	Reported Instances is not an allowable value.
3051	Registry ID	<registry-id>	Registry ID is not eligible to submit for the 2011 eRx Measure Specification on cms.gov.	CRITICAL	Functional*	Registry ID is not eligible to submit for the 2011 eRx Measure Specification on cms.gov.
3052	Encounter From Date	<encounter-from-date>	Encounter From Date is not within the Reporting Period range.	CRITICAL	Provider**	Encounter From Date is not within the Reporting Period range.
3053	Encounter To Date	<encounter-to-date>	Encounter To Date is not within the Reporting Period range.	CRITICAL	Provider**	Encounter To Date is not within the Reporting Period range.

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3054	Email Address	<email-address>	Email Address element tag is incorrect	CRITICAL	Provider**	Email Address [<email-address>] element tag is required.
3055	Email Address	<email-address>	Invalid data: null, space, invalid type and length	CRITICAL	Provider**	Email Address is not an allowable value.