

SUBSCRIPTION
DATA TAG GLOSSARY

Set forth below is a glossary of all data tags to be used in EMMA’s primary market subscription. These data elements are organized in a hierarchical data relationship. This glossary sets out each data element’s XML container, data tag, definition and data specifications, including a listing of enumerated values for those data elements where the submitter chooses a value and an example of the data format where the submitter enters a value.

<p>Subscription Data Tags Description and Specification</p> <p>EMMA Primary Market Subscription Service</p>
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XML Container	Data Tag	Definition	Data Specification
Subscriber Data Message	Submission Transaction Count	The number of submission transactions contained in the Subscriber Data Message	Integer ex: 37
	Replay Date	For subscriber data requests that contain date parameters, return data will be one day per Subscriber Data Message. The Replay Date will indicate the applicable date to which the content of the data message applies	CCYY-MM-DD ex: 2008-12-01
Submission	Submission Type	Indicates base category of disclosure, consisting of primary market or advance refunding disclosure	Enumerated Value: • PrimaryMarketDisclosure • AdvanceRefundingDisclosure
	Submission Status	Indicates the intention to publish the information in the EMMA public portal or as official notice of cancellation of the offering	Enumerated Value: • Publish • NoticeOfCancellationOfOffering
	Submission Identifier	Unique identifier assigned by EMMA at time of initiation of submission (the initial submission event) and used by the submitter in connection with subsequent submission events	Max25Text ex: S212345678910

XML Container	Data Tag	Definition	Data Specification
	Submission Transaction Date Time	EMMA-assigned date and time the submission was registered in EMMA	CCYY-MM-DDT00:00:00 ex: 2008-12-01T13:30:00
Offering	Offering Type	Identifies the offering as debt securities, including bonds, notes, certificates of participation and other debt obligations	Enumerated Value: • Bond • Municipal Fund Security
	CUSIP9 Of Latest Maturity On Issue Not Underwritten	Nine-digit CUSIP number of the latest maturity of each issue in the offering that is not underwritten by the underwriter, if any	String(Min9,Max9) ex: 123456AB7
	OS Availability Status	Indicates special availability conditions with respect to the official statement, including whether (i) the official statement will be made available late (after closing); (ii) an official statement has not been produced; or (iii) the official statement produced for a limited offering under Rule 15c2-12(d)(1)(i) is available only from the underwriter	Enumerated Value: • OSNotAvailableAtClosing • OSAvailableOnlyFromUnderwriter_15c212ExemptLimitedOffering • OSNotProduced_15c212ExemptLimitedOffering • OSNotProduced_15c212ExemptShortTermOffering • OSNotProduced_15c212ExemptPuttableOffering • OSNotProduced_15c212ExemptSmallOffering
	POS Availability Status	Indicates special availability conditions with respect to the preliminary official statement where an official statement is not available by closing, including whether (i) the preliminary official statement is being made available or (ii) preliminary official statement has not been produced	Enumerated Value: • POSSubmitted • NoPOSPrepared
	Underwriting Spread	Underwriting spread or agency fee paid to underwriter in a negotiated offering, if not disclosed in official statement (if Underwriting Spread is in dollars – e.g., express \$1,000,000.00 as 1000000; otherwise if in basis points – e.g., express 25 basis points as 0.25) Interpretation of value: If Underwriting Spread value is greater than 100.00 the value will be interpreted as dollars, otherwise as percent.	Float ex: 450245.55 [dollars] or 0.85 [basis points]
Underwriting Spread Disclosure Indicator	If underwriting spread not submitted to EMMA, indicates whether underwriting spread or agency fee paid is disclosed in official statement or if not disclosed for a competitive sale.	Enumerated Value: • DisclosedInOfficialStatement • NotDisclosed_CompetitiveSale	

XML Container	Data Tag	Definition	Data Specification
Issue	Issue Type	Indicates whether issue is (i) a new issue (including new money issues and current and advance refunding issues), (ii) an outstanding issue that is being remarketed, or (iii) an outstanding issue that is being refunded	Enumerated Value: <ul style="list-style-type: none"> • NewIssue • Remarketed • Refunded
	Security Type	Indicates whether (i) nine-digit CUSIP numbers are assigned to the securities in the issue, (ii) no CUSIP numbers are assigned to the securities in the issue, or (iii) only a six-digit CUSIP number has been submitted to EMMA for a commercial paper issue	Enumerated Value: <ul style="list-style-type: none"> • CUSIP-9 • CommercialPaper • Non-CUSIP
	Issuer Name	Full issuer name as it appears on the official statement	Max250Text ex: Emma County Infrastructure Finance Authority
	Issue Description	Full issue description as it appears on the official statement	Max250Text ex: Road Improvement Refunding Bonds, Series 2008A
	Issuer State	Standard state abbreviation	String;StateCode;2 ex: VA
	Issue Closing Date	Date on which the issue is expected to settle	CCYY-MM-DD ex: 2008-12-15
	Issue Dated Date	Dated date of the issue	CCYY-MM-DD ex: 2008-12-01
	Original Dated Date	Original dated date of an issue if a new dated date is assigned for the remarketed issue in which the CUSIP number has not changed	CCYY-MM-DD ex: 2008-12-01
	CUSIP6	Six-digit base CUSIP number for commercial paper issues, as assigned by the CUSIP Service Bureau	String{Min6,Max6} ex: 123456
	Original CUSIP9 Of Remarketed Security	Original nine-digit CUSIP number of the latest maturity of an issue being remarketed if one or more new CUSIP numbers are assigned to the remarketed securities	String{Min9,Max9} ex: 123456AB7
Securities	CUSIP9	Nine-digit CUSIP number for each security, as assigned by the CUSIP Service Bureau – not provided for securities ineligible for CUSIP numbers and for commercial paper issues	String{Min9,Max9} ex: 123456AB7
	Maturity Date	Maturity date of the security – not provided for commercial paper issues	CCYY-MM-DD ex: 2025-12-01
	Security Dated Date	Dated date of security not eligible for CUSIP number assignment	CCYY-MM-DD ex: 2025-12-01

XML Container	Data Tag	Definition	Data Specification
Securities	Maturity Principal Amount	Total principal amount at maturity of the security – not provided for commercial paper issues	Decimal ex: 5000000
	Initial Offering Price Yield	Initial offering price or yield of the security – not provided for commercial paper issues.	Float ex: 100.5 [price] or 3.95 [yield]
	Interest Rate	Interest rate of the security – not provided for commercial paper issues	Decimal ex: 3.9 [fixed rate] or 0 [zero coupon/capital appreciation] or blank [variable rate]
	Security Status	If the underwriter partially underwrites an issue, indicates if a security was not underwritten by the underwriter or if the underwriter underwrote only a portion of a security; or if an issue is partially remarketed, indicates if a security was not remarketed	Enumerated Value: <ul style="list-style-type: none"> • Underwritten • NotUnderwritten • PartiallyUnderwritten • Remarketed • NotRemarketed
	Par Value Underwritten	If the underwriter partially underwrites a security (i.e., Underwritten Indicator = Partially Underwritten), par value of the security underwritten by underwriter	Decimal ex: 2500000
	Original CUSIP9 of Refunded Security	For a refunded issue, provides original CUSIP number(s) for security(ies) being advance refunded	String{Min9,Max9} ex: 123456AB7
	New CUSIP9 of Refunded Security	For a refunded issue, provides newly assigned CUSIP number for security (or portion of security) being advance refunded, if new CUSIP number is assigned to all or a portion of the refunded security	String{Min9,Max9} ex: 123456AB7
	New CUSIP9 of Unrefunded Balance	For a refunded issue, provides newly assigned CUSIP number for security (or portion of security) not being advance refunded, if new CUSIP number is assigned to all or a portion of the unrefunded balance of the refunded security	String{Min9,Max9} ex: 123456AB7
Document	Document Identifier	EMMA-assigned unique identifier for a document of specific document type	Max25Text ex: 2535
	Document Type	Indicates type(s) of documents available for the offering, including (i) official statement, (ii) preliminary official statement, (iii) advance refunding document, (iv) remarketing supplement (v) Municipal Fund Security (MFS) Disclosure Document, or (vi) Municipal Fund Security (MFS) Disclosure Document Supplement	Enumerated Value: <ul style="list-style-type: none"> • OfficialStatement • PreliminaryOfficialStatement • AdvanceRefundingDocument • RemarketingSupplement • MFSDisclosureDocument • MFSDisclosureDocumentSupplement

XML Container	Data Tag	Definition	Data Specification
Document	Document Description	Document name, if any	Max75Text ex: Official Statement or Preliminary Official Statement or Escrow Deposit Agreement or Reoffering Circular
	Document Status	Indication of the active state of a document consisting of current and archived	Enumerated Value: • Current • Archived • Removed
	Document Posting Date	The date the document was posted to the public on EMMA	CCYY-MM-DD ex: 2008-12-08
	Document Archive Date	The date the document was moved to the EMMA archive	CCYY-MM-DD ex: 2008-12-08
	Document Remove Date	The date the document was removed from a submission on the EMMA primary market disclosure service	CCYY-MM-DD ex: 2008-12-08
	CUSIP9 Identifier Of Refunding Issue	Nine-digit CUSIP number (s) of the refunding issue	String(Min9,Max9) ex: 123456AB7
	Original CUSIP9 of Refunded Security	Original CUSIP number for security being refunded, reflecting the CUSIP number of the security immediately preceding the refunding	String(Min9,Max9) ex: 123456AB7
File	File Identifier	EMMA-assigned unique identifier for electronic file(s) constituting the submitted document	Max25Text ex: MS223986-1
	File Order	If a document consists of more than one electronic file, provides file sequence information	Integer ex: 24
	File Status	Indication of the active state of a file consisting of current and archived	Enumerated Value: • Current • Archived • Removed
	File Posting Date	The date the file was posted to the public on EMMA	CCYY-MM-DD ex: 2008-12-08
	File Archive Date	The date the file was moved to the EMMA archive	CCYY-MM-DD ex: 2008-12-08

XML Container	Data Tag	Definition	Data Specification
	File Remove Date	The date the file was removed from a submission on the EMMA primary market disclosure service	CCYY-MM-DD ex: 2008-12-08
Limited Offering Contact	OS Contact Organization Name	Long name of the contact organization responsible for making the official statement available upon request	Max140Text ex: MuniBond Dealer
	OS Contact First Name	The first name of the contact person responsible for making the official statement available upon request	Max25Text ex: Emma
	OS Contact Last Name	The last name of the contact person responsible for making the official statement available upon request	Max25Text ex: Jones
	OS Contact Title	The title of the contact person responsible for making the official statement available upon request	Max140Text ex: Senior Vice President
	OS Contact Phone Number	The phone number of the contact person responsible for making the official statement available upon request	Max15Text ex: 703-555-2222
	OS Contact Phone Number Extension	The extension of the phone number (if any) of the contact person responsible for making the official statement available upon request	Max6Text ex: 1235
	OS Contact Address	The street address or post office box of the contact person responsible for making the official statement available upon request	Max140Text ex: 123 Security Road
	OS Contact City	The address city of the contact person responsible for making the official statement available upon request	Max25Text ex: Alexandria
	OS Contact State	The address state of the contact person responsible for making the official statement available upon request	String;StateCode;2 ex: VA
OS Contact Zip Code	The address zip code of the contact person responsible for making the official statement available upon request	Max15Text ex: 22301-5555	

XML Container	Data Tag	Definition	Data Specification
	OS Contact Email Address	The email address of the contact person responsible for making the official statement available upon request	Max50Text ex: ejones@munibonddealer.com

SUMMARY OF CHANGES FROM PRELIMINARY SPECIFICATIONS

(underlining indicates additions; strikethrough indicates deletions)

Submission Container:

Submission Transaction Date Time	EMMA-assigned date and time the submission was registered in EMMA	CCYY-MM-DDT00:00:00 ex: 2008-12- 01T13 <u>04T09</u> :30:00
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Offering Container:

<u>CUSIP9 Of Latest Maturity On Issue Not Underwritten</u>	<u>Nine-digit CUSIP number of the latest maturity of each issue in the offering that is not underwritten by the underwriter, if any</u>	<u>String{Min9,Max9}</u> <u>ex: 123456AB7</u>
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Issue Container:

Security Type	Indicates whether (i) nine-digit CUSIP numbers are assigned to the securities in the issue, (ii) no CUSIP numbers are assigned to the securities in the issue, or (iii) only a six-digit CUSIP number has been submitted to EMMA for a commercial paper issue	Enumerated Value: • CUSIP-9 • <u>CommercialPaper CUSIP-6</u> • Non-CUSIP
<u>CUSIP9 Of Latest Maturity On Issue Not Underwritten</u>	<u>Nine-digit CUSIP number of the latest maturity of each issue in the offering that is not underwritten by the underwriter, if any</u>	<u>String{Min9,Max9}</u> <u>ex: 123456AB7</u>

Securities Container:

Initial Offering Price or Yield	Initial offering price or yield of the security – not provided for commercial paper issues.	Float ex: 100.5 [price] or 3.95 [yield]
<u>Initial Offering Price or Yield Range</u>	<u>Initial offering price or yield of the security – not provided for commercial paper issues. Completes the range of offering price or yield as applicable.</u>	<u>Float</u> <u>ex: 100.5 [price] or 3.95 [yield]</u>

Security Status Underwritten Indicator	If the underwriter partially underwrites an issue, indicates if a security was not underwritten by the underwriter or if the underwriter underwrote only a portion of a security; <u>or if an issue is partially remarketed, indicates if a security was not remarketed</u>	Enumerated Value: <ul style="list-style-type: none"> • Underwritten • NotUnderwritten • PartiallyUnderwritten • Remarketed • NotRemarketed
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Document Container:

Document Description	Document name, if any	Max75Text Max250Text ex: Official Statement or Preliminary Official Statement or Escrow Deposit Agreement or Reoffering Circular
Document Status	Indication of the active state of a document consisting of current and archived	Enumerated Value: <ul style="list-style-type: none"> • Current • Archived • Removed
Document Remove Date	<u>The date the document was removed from a submission on the EMMA primary market disclosure service</u>	CCYY-MM-DD ex: 2008-12-08
Document Posting Operation Indicator	Indicates whether file will be appended to any existing files posted for such document or if file will replace all existing files posted for such document	Enumerated Value: <ul style="list-style-type: none"> • AppendToPostedDocument • ReplacePostedDocument
Document Disclosure Completion Indicator	Indicates whether the file being submitted completes the document disclosure — for a document consisting of a single file, this indicator should reflect “complete” — for a document consisting of multiple files, all files other than the last file should have an indicator reflecting “partial” and the last file should have an indicator reflecting “complete.”	Enumerated Value: <ul style="list-style-type: none"> • Partial • Complete

File Container:

File Status	Indication of the active state of a file consisting of current and archived	Enumerated Value: <ul style="list-style-type: none"> • Current • Archived • Removed
File Remove Date	<u>The date the file was removed from a submission on the EMMA primary market disclosure service</u>	CCYY-MM-DD ex: 2008-12-08

Limited Offering Contact Container:

OS Contact First Name	The first name of the contact person <u>responsible for available to</u> making the official statement available upon request	Max25Text ex: Emma
OS Contact Last Name	The last name of the contact person <u>responsible for available to</u> making the official statement available upon request	Max25Text ex: Jones
OS Contact Title	The title of the contact person <u>responsible for available to</u> making the official statement available upon request	Max140Text ex: Senior Vice President
OS Contact Phone Number	The phone number of the contact person <u>responsible for available to</u> making the official statement available upon request	Max15Text Max14Text ex: 703-555-2222
OS Contact Phone Number Extension	The extension of the phone number (if any) of the contact person <u>responsible for available to</u> making the official statement available upon request	Max6Text ex: 1235
OS Contact Address	The street address or post office box of the contact person <u>responsible for available to</u> making the official statement available upon request	Max140Text ex: 123 Security Road
OS Contact City	The address city of the contact person <u>responsible for available to</u> making the official statement available upon request	Max25Text ex: Alexandria
OS Contact State	The address state of the contact person <u>responsible for available to</u> making the official statement available upon request	String;StateCode;2 ex: VA
OS Contact Zip Code	The address zip code of the contact person <u>responsible for available to</u> making the official statement available upon request	Max15Text Max14Text ex: 22301-5555
OS Contact Email Address	The email address of the contact person <u>responsible for available to</u> making the official statement available upon request	Max50Text Max140Text ex: ejones@munibonddealer.com