

Business Rules for State Update / VoteCal Validations - By Update Type

#1- UC01.24.01 (State Update Record): Actions to take by Update Type

Variation by Update Type												
Action	Alt Flow	Registration	Update through EMS (U/T re-reg)	Update through EMS (no re-reg)	Update VC	DMV/ Online (New Reg)	DMV/ Online (Re-Reg)	DMV COA (in)	DMV COA (out)	NCOA (in)	NCOA (out)	Declined
1. User / system indicates completed update	n/a	User from EMS	User from EMS	User from EMS	User from VC	User or EMS auto	User or EMS auto	User or EMS auto	User or EMS auto	User or EMS auto	User or EMS auto	User from EMS
2. EMS calls API	n/a	✓	✓	✓	n/a	✓	✓	✓	✓	✓	✓	✓
3. Authenticate EMS												
4. Call Validations	n/a	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	n/a
5. Save	If Conf, encrypt	See table #2/#3	See table #2/#3	See table #2/#3	See table #2/#3	See table #2/#3	See table #2/#3	See table #2/#3	See table #2/#3	See table #2/#3	See table #2/#3	See table #2/#3
6. Return / Initiate Call	n/a	Return	Return	Return	Initiate	Return	Return	Return	Return	Return	Return	Return
7. EMS saves	n/a	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
8. Opt: present to user												
9. VC completes	n/a	End	End	Initiate Transfer Out	End	End (unless transfer)	End (unless transfer)	End	End	End	End	End

#2 - Action to Take on Update and Save (Core Voter Record)

Action to Take by Update Type												
Type	Elements	Registration	Update through EMS (U/T re-reg)	Update through EMS (no re-reg)	Update VC	DMV/ Online (New Reg)	DMV/ Online (Re-Reg)	DMV COA (in)	DMV COA (out)	NCOA (in)	NCOA (out)	Declined
Identifiers	StateVoterId LocalVoterId CountyId UID	Local received, other set	Re-eval UID	No changes	Re-eval UID if there's a new reg date (not expected through VC)	Local received, others set	Re-eval UID	No changes	No changes	No changes	No changes	Do not assign UID (may receive a different type of StateVoterID)
Name	Title FirstName MiddleName LastName Suffix Alternate_Name	Add	New version if changes; Potentially expose the past versions in API/UI	New version if changes; Potentially expose the past versions in API/UI	New version if changes; Potentially expose the past versions in API/UI	Add	New version if changes; Potentially expose the past versions in API/UI	No changes (ignore discrep)	Add whatever is available			
DOB	DateOfBirth	Add	Don't expect to change, but could. New version.	Don't expect to change, but could. New version.	Don't expect to change, but could. New version.	Add	New version	No changes (ignore discrep)	Add whatever is available			
Other	Gender PlaceOfBirthId Place_Of_Birth_Text AccessibilityCodeId PreferredLanguageCodeID	Add	Don't expect to change, but could. New version.	Don't expect to change, but could. New version.	Don't expect to change, but could. New version.	Add	Don't expect to change, but could. New version.	n/a	n/a	n/a	n/a	Add whatever is available

		Action to Take by Update Type										
Type	Elements	Registration	Update through EM/through (U/T re-reg)	Update through EMS (no re-reg)	Update VC	DMV/ Online (New Reg)	DMV/ Online (Re-Reg)	DMV COA (in)	DMV COA (out)	NCOA (in)	NCOA (out)	Declined
	Email_Address Telephone											
DL/ID/SSN4	DLID DL_Verification_Status_Id DL_Verification_Date SSN4 SSN_Verfication_Status_Id SSN_Verfication_Date	Add one or other	Don't expect to change, but could. New version.	Don't expect to change, but could. New version.	Don't expect to change, but could. New version.	Add one or other	Don't expect to change, but could. New version.	?? – ignore discrepancies on partial matches or also change?? – probably ignore	?? – ignore discrepancies on partial matches or also change?? – probably ignore	n/a	n/a	Add whatever is available
Status	Status StatusEffectiveDate StatusReasonId	Add ('Active')	May change to any new status. New version. For Transfer, local 'Cancelled'	May change to any new status. New version.	May change to any new status. New version.	Add ('Active')	Will stay 'Active'. May cause an old county to become local 'Cancelled'	Will stay 'Active'. ?? – apply COA to inactive or local cancelled?? – inactive: maybe, cancelled: probably not	Local (and statewide) becomes 'Cancelled'. Will change if there is statute change to allow re-reg	Will stay 'Active'. ?? – apply COA to inactive or local cancelled?? – inactive: maybe, cancelled: probably not	Local (and statewide) becomes 'Inactive'. Will change if there is statute change to allow re-reg	Will always be 'Declined'
Flags	IsFirstTimeFederalVoter IsVIGOptOut IsPermanantVoteByMail <is ID reqt satisfied> Id_Requirement_Code	Set as appropriate	Set/Re-set as appropriate (new version required?)	Set/Re-set as appropriate (new version required?)	Set/Re-set as appropriate (new version required?)	Set as appropriate	n/a except ID Requirement	n/a except ID Requirement	n/a	n/a	n/a	n/a
Confidential	IsConfidential ConfidentialityTypeld Confidentiality_App_Date	Set/add as appropriate	Set/re-set – transform record to/from confidential table	Set/re-set – transform record to/from confidential table	Set/re-set – transform record to/from confidential table	n/a through Online/DMV	n/a (what if they're already Conf and they re-reg? – they should retain Conf status)	n/a	n/a	n/a	n/a	n/a
Political Party	PoliticalPartyId	Add	Update – new version	Update – new version	Update – new version	Add	New version if changes	n/a	n/a	n/a	n/a	Add whatever is available
Address	<all residence address parts> <all mailing address parts> ResidenceCASS MailingCASS FreeFormResidenceAddress	Add residence/ mailing; set CASS following process	New version if changes; Potentially expose the past versions in API/UI	New version if changes; Potentially expose the past versions in API/UI	New version if changes; Potentially expose the past versions in API/UI	Add	New version if changes	New version; Potentially expose the past versions in API/UI	?? – save address before cancelling? – yes	New version; Potentially expose the past versions in API/UI	?? – save address before inactivating? – yes	Add whatever is available. Skip CASS process
Precinct	Precinct PrecinctPart	Add	New version if changes	New version if changes	New version if changes	Add	New version if changes	New version	?? – delete old precinct before cancelling? -- probably not	New version	?? – delete old precinct before cancelling? -- probably not	n/a

		Action to Take by Update Type										
Type	Elements	Registration	Update through EMS (U/T re-reg)	Update through EMS (no re-reg)	Update VC	DMV/ Online (New Reg)	DMV/ Online (Re-Reg)	DMV COA (in)	DMV COA (out)	NCOA (in)	NCOA (out)	Declined
Affidavit	Affidavit_Number Affidavit_Date_Received Affidavit_Date_Executed Registration_Date Registration_Source Registration_Method UOCAVA_Code	Add original	Add new version	n/a	Add new version (not expected)	Add original	Add new version	n/a	n/a	n/a	n/a	Add – must have at least Aff Number
Signature	Signature_Image	Add original	Add new version (?? Child record or part of voter record version)	n/a	Unlikely to add	Add original (via DMV sig)	Add new version (via DMV sig) (?? Child record or part of voter record version)	Add via DMV sig ?? child record or new version?	n/a? (discard for out-of-county??)	n/a	n/a	Add if available

#3 – Action to Take on Update and Save (Child Tables)

		Action to Take by Update Type										
Type	Elements	Registration	Update thru EMS (U/T re-reg)	Update thru EMS (no re-reg)	Update VC	DMV/ Online (New Reg)	DMV/ Online (Re-Reg)	DMV COA (in)	DMV COA (out)	NCOA (in)	NCOA (out)	Declined
Custom Fields	TBD	May add child record	May add child record	May add child record	May add child record	May add child record	May add child record	n/a	n/a	n/a	n/a	May add child record
Voter Activity Records	n/a	Will add one or more child records	Will add one or more child records	Will add one or more child records	Will add one or more child records	Will add one or more child records	Will add one or more child records	Will add one or more child records	Will add one or more child records	Will add one or more child records	Will add one or more child records	Will add one or more child records
Voter Participation History	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Affidavit Image	n/a	Create initial child record	Will add child record	Unlikely but possible to add child record	Unlikely but possible to add child record	Virtual	Virtual	n/a	n/a	n/a	n/a	Attach new child record
Other Docs/ Attachments	n/a	Unlikely but possible to add child records	Add child records	Unlikely but possible to add child records	Add child records	Unlikely but possible to add child records (during co review)	Unlikely but possible to add child records (during co review)	n/a	n/a	n/a	n/a	n/a

		Action to Take by Update Type											
Type	Elements	Registration	Update thru EMS (U/T re-reg)	Update thru EMS (no re-reg)	Update VC	DMV/ Online (New Reg)	DMV/ Online (Re-Reg)	DMV COA (in)	DMV COA (out)	NCOA (in)	NCOA (out)	Declined	
User Comments/ Voter Contact	<ul style="list-style-type: none"> • Comments • Contacts 	May add child records	May add child records	May add child records	May add child records	Unlikely but possible to add child records (during co review)	Unlikely but possible to add child records (during co review)	Unlikely but possible to add child records	May add child records				

#4– UC01.26.01 (Process VoteCal Validations): Actions to take by Update Type

			Variation by Update Type										
Action	Alt Flow	Registration	Update through EMS (U/T re-reg)	Update through EMS (no re-reg)	Update VC	DMV/ Online (New Reg)	DMV/ Online (Re-Reg)	DMV COA (in)	DMV COA (out)	NCOA (in)	NCOA (out)	Declined	
01.26.01	1. Fatal Error go to Pending Status	Pending, work item	✓	✓	✓	✓	✓	✓	✓	✓	✓	n/a	
	2. IDV (same voter)	Re-run IDV	✓	✓	✓	✓	Skip	Skip	Skip	Skip	Skip	Skip	n/a
	3. IDV (retrieve)	Change DL, work item	✓	✓	✓	✓	Skip	Skip	Skip	Skip	Skip	Skip	n/a
	4. IDV (matching result)												
	5. UID	n/a	Set	Re-eval	Skip	Re-eval (only if re-reg)	Set	Re-eval	Skip	Skip	Skip	Skip	n/a
	6. Non-Fatal Data Standards	Work item(s)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	n/a
	7. Precinct	Work item	✓	✓	✓	✓ (as work item)	✓	✓	✓	✓	✓	✓	n/a
	8. CASS	n/a	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	n/a
	9. DMV Signature	n/a	Skip	Skip	Skip	Skip	✓	✓	✓	✓	Skip	Skip	n/a
	10. Show ID flag	n/a	✓	✓	✓	✓	✓	✓	Skip	Skip	Skip	Skip	n/a
	11. Eff Reg Date												
	12. VIG flag												
	13. Death/Felon follow-up												
	14. Mailings	n/a	VNC	VNC	n/a	VNC poss but expect n/a	VNC	VNC	VNC	DMV Failed Transaction	VNC	8(d)(2)	n/a
	15. Status	If Canc→ Active, undo work item If Act→ Canc, add to D/F table	Active	Active	Active	Active	Active	Active	Active	Cancelled	Active	Inactive	Declined
	16. Work Items: close	n/a	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	n/a
	17. Work Items: rejected matches												
	18. Add to Message Queue												