#### **Core Entities**

#### Voter

# VoterKey LastName GivenNames ResidenceAddress MailingAddress DateOfBirth IDInfo RegStatus InitialRegTime LastUpdateTime RegisteredParty Confidential?

#### ElectionOfficial

Username FullName Password

### Optional Entities/Relations (election/ballot tracking)

#### Election

ElectionKey
Name
Date
Description
EarliestMailingDate
EarlyVotingStartDate

#### ElectionParticipation

## VoterKey ElectionKey Participated? Date VotingMethod

#### BallotMailing

```
VoterKey
ElectionKey
TrackingID
MailedDate
BallotStatus
StatusChangeDate
NewTrackingID
```

#### **Enumerated Types**

```
RegStatus: { Active, Inactive, PendingReview }
VotingMethod: { InPerson, Mail, Other }
BallotStatus: { Sent, Returned, Canceled, Lost }
```