The Michigan Department of State (Department) has developed a new tool to allow civic groups and other organizations running voter registration drives to electronically transfer registration data to the Department. Groups with electronic voter registration programs can now connect their programs to the Department's online voter registration system through an application programming interface (API), which allows data to be transferred securely from a group's voter registration program to the Department voter registration system.

Voter registration drives are typically a paper-based process, but the groups conducting them are increasingly making use of digital options. Organizations interested in using the API to register voters through the state's online voter registration system can do so after completing a security review and ensuring compatibility with the state's platform.

Voters must still provide all information necessary to register online, including a driver's license number and the last four digits of their social security number. The information is verified through Department of State records in the same manner as an individual attempting to register online themselves. This system has already been implemented in other states like Pennsylvania and Virginia, allowing civic groups to continue their own voter engagement efforts while ensuring applications are complete and can be quickly verified.

In addition to the API, the Department is also making unique URLs available to voter registration groups to direct prospective registrants to the Department's online voter registration form. Groups can obtain a unique URL to share with these registrants by contacting the Department via <a href="mailto:elections@michigan.gov">elections@michigan.gov</a>. The unique URL program allows groups to track registrations even when the group is not equipped to use the voter registration API.

The API was developed by the Department's Bureau of Elections alongside the Department of Technology, Management and Budget (DTMB) and Rock the Vote, a nonpartisan, nonprofit organization.

### What is an API?

API stands for application programming interface. It is a set of definitions and protocols for building and integrating different applications.

#### How does an API with the Secretary of State work?

APIs communicate in between two different applications. An organization would need to incorporate the API into its website based on the requirements provided by the Michigan Department of State. This API is securely developed with NIST standards. Once the API passes security and programmatic requirements and a data sharing agreement has been entered, your site can provide the ability for the prospective voter to securely register to vote. Those unable to use the API can instead obtain a unique URL to share with those registering to direct them to Michigan's online voter registration website

#### What if I can't access my website code?

A unique URL is a customized web address for your specific organization. This URL would redirect the prospective voter to the online voter registration portal. The Michigan Department of State will work with you to decide the name of your unique URL before creation. Once the name is defined, security requirements have been met and a memorandum of understanding (MOU) has been entered, the unique URL will be provided for you.

### What data tracking is available?

Data tracking is available for either method, API or unique URL, however access and specific data will depend on the method. Setting up an API allows you to control data and reporting. With a unique URL, a monthly report can be provided for voter registration statistics.

## **API Specifications**

#### Online Voter API

<u>Home</u> API

**Help Page Home** 

## POST api/OnlineVoter/PostOnlineVoter\_Nist

Post single Online Voter in Voter Records Interchange Common Data Format (NIST 1500-102)

# **Request Information**

## **URI Parameters**

None.

# **Body Parameters**

## VoterRecordsRequest

Name	Description	Туре	Additional information
AdditionalInfo		Collection of <u>AdditionalInfo</u>	None.
Form		RequestForm	None.
GeneratedDate		date	None.
lssuer		string	None.
OtherForm		string	None.
OtherRequestMethod		string	None.
OtherType		string	None.
Subject		<u>Voter</u>	None.
TransactionId		string	None.
Туре		Collection of VoterRequestType	None.
VendorApplicationId		string	None.

# **Request Formats**

# application/json, text/json

Sample:

{

```
"AdditionalInfo": [
 {
  "Name": "sample string 1",
  "StringValue": "sample string 2"
},
  "Name": "sample string 1",
  "StringValue": "sample string 2"
}
],
"Form": 0,
"FormSpecified": true,
"GeneratedDate": "2022-02-18T14:12:57.9317648-05:00",
"Issuer": "sample string 3",
"OtherForm": "sample string 4",
"OtherRequestMethod": "sample string 5",
"OtherType": "sample string 6",
"Subject": {
 "ContactMethod": [
 {
   "Type": 0,
   "Value": "sample string 1"
  },
   "Type": 0,
   "Value": "sample string 1"
 }
],
 "DateOfBirth": "2022-02-18T14:12:57.9317648-05:00",
 "DateOfBirthSpecified": true,
 "MailingAddress": {
  "GeneralAddressClass_type": {
   "CompletePlaceName": {
```

```
"PlaceName": [
    "PlaceNameType": 0,
    "PlaceNameTypeSpecified": true,
    "Value": "sample string 2"
   },
    "PlaceNameType": 0,
    "PlaceNameTypeSpecified": true,
    "Value": "sample string 2"
 ]
 },
 "DeliveryAddress": "sample string 1",
 "ZipCode": "sample string 2",
 "CountryName": "sample string 3",
 "StateName": "sample string 4"
},
"NumberedThoroughfareAddress_type": {
 "CompleteAddressNumber": {
  "AddressNumberPrefix": {
   "Value": "sample string 1"
 },
  "AddressNumber": "sample string 1",
  "AddressNumberSuffix": {
   "Value": "sample string 1"
 }
 },
 "CompleteStreetName": {
  "StreetNamePreModifier": {
   "Value": "sample string 1"
  "StreetNamePreDirectional": {
```

```
"Value": "sample string 1"
},
 "StreetNamePreType": {
 "Value": "sample string 1"
},
 "StreetName": "sample string 1",
 "StreetNamePostType": {
 "Value": "sample string 1"
},
 "StreetNamePostDirectional": {
 "Value": "sample string 1"
 "StreetNamePostModifier": {
 "Value": "sample string 1"
}
},
"CompleteSubaddress": {
"SubaddressType": "sample string 1",
 "SubaddressIdentifier": "sample string 2"
},
"CompletePlaceName": {
 "PlaceName": [
   "PlaceNameType": 0,
   "PlaceNameTypeSpecified": true,
   "Value": "sample string 2"
 },
   "PlaceNameType": 0,
   "PlaceNameTypeSpecified": true,
   "Value": "sample string 2"
 }
```

```
"StateName": "sample string 1",
 "ZipCode": "sample string 2",
 "CountryName": "sample string 3"
},
"USPSPostalDeliveryBox_type": {
 "USPSBox": {
  "USPSBoxType": "sample string 1",
 "USPSBoxId": "sample string 2"
 },
 "CompleteSubaddress": {
  "SubaddressType": "sample string 1",
  "SubaddressIdentifier": "sample string 2"
 },
 "CompletePlaceName": {
  "PlaceName": [
    "PlaceNameType": 0,
    "PlaceNameTypeSpecified": true,
    "Value": "sample string 2"
    "PlaceNameType": 0,
    "PlaceNameTypeSpecified": true,
    "Value": "sample string 2"
 1
 },
 "StateName": "sample string 1",
 "ZipCode": "sample string 2",
 "CountryName": "sample string 3"
},
"USPSPostalDeliveryRoute_type": {
```

```
"USPSAddress": {
   "USPSRoute": {
    "USPSBoxGroupType": "sample string 1",
    "USPSBoxGroupId": "sample string 2"
   },
   "USPSBox": {
    "USPSBoxType": "sample string 1",
    "USPSBoxId": "sample string 2"
   }
  },
  "CompletePlaceName": {
   "PlaceName": [
     "PlaceNameType": 0,
     "PlaceNameTypeSpecified": true,
     "Value": "sample string 2"
     "PlaceNameType": 0,
     "PlaceNameTypeSpecified": true,
     "Value": "sample string 2"
  },
  "StateName": "sample string 1",
  "ZipCode": "sample string 2",
  "CountryName": "sample string 3"
}
},
"Name": {
 "FirstName": "sample string 1",
 "FullName": "sample string 2",
 "LastName": "sample string 3",
```

```
"MiddleName": [
  "sample string 1",
  "sample string 2"
],
 "Prefix": "sample string 4",
 "Suffix": "sample string 5"
},
"ResidenceAddress": {
 "GeneralAddressClass_type": {
  "CompletePlaceName": {
   "PlaceName": [
     "PlaceNameType": 0,
     "PlaceNameTypeSpecified": true,
     "Value": "sample string 2"
     "PlaceNameType": 0,
     "PlaceNameTypeSpecified": true,
     "Value": "sample string 2"
  "DeliveryAddress": "sample string 1",
  "ZipCode": "sample string 2",
  "CountryName": "sample string 3",
  "StateName": "sample string 4"
 },
 "NumberedThoroughfareAddress_type": {
  "CompleteAddressNumber": {
   "AddressNumberPrefix": {
    "Value": "sample string 1"
```

```
"AddressNumber": "sample string 1",
 "AddressNumberSuffix": {
 "Value": "sample string 1"
},
"CompleteStreetName": {
 "StreetNamePreModifier": {
  "Value": "sample string 1"
},
 "StreetNamePreDirectional": {
 "Value": "sample string 1"
 "StreetNamePreType": {
 "Value": "sample string 1"
 "StreetName": "sample string 1",
 "StreetNamePostType": {
 "Value": "sample string 1"
},
 "StreetNamePostDirectional": {
 "Value": "sample string 1"
},
 "StreetNamePostModifier": {
 "Value": "sample string 1"
}
},
"CompleteSubaddress": {
 "SubaddressType": "sample string 1",
 "SubaddressIdentifier": "sample string 2"
},
"CompletePlaceName": {
 "PlaceName": [
```

```
"PlaceNameType": 0,
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     "Value": "sample string 2"
    },
     "PlaceNameType": 0,
     "PlaceNameTypeSpecified": true,
     "Value": "sample string 2"
   1
  },
  "StateName": "sample string 1",
  "ZipCode": "sample string 2",
  "CountryName": "sample string 3"
 }
},
"ResidenceAddressIsMailingAddress": true,
"ResidenceAddressIsMailingAddressSpecified": true,
"VoterClassification": [
  "Assertion": true,
  "OtherAssertion": "sample string 2",
  "OtherType": "sample string 3",
  "Type": 0
 },
  "Assertion": true,
  "OtherAssertion": "sample string 2",
  "OtherType": "sample string 3",
  "Type": 0
 }
],
"VoterId": [
```

```
"OtherType": "sample string 1",
    "StringValue": "sample string 2",
    "Type": 0
   },
    "OtherType": "sample string 1",
    "StringValue": "sample string 2",
    "Type": 0
   }
  ]
 "TransactionId": "sample string 7",
 "Type": [
  0,
  0
 ],
 "VendorApplicationId": "sample string 8"
}
```

#### Sample:

{"AdditionalInfo":[{"Name":"sample string 1","StringValue":"sample string 2"},{"Name":"sample string 1","StringVa lue":"sample string 2"}],"Form":0,"FormSpecified":true,"GeneratedDate":"2022-02-18T14:12:57.9317648-05:00","I ssuer": "sample string 3", "OtherForm": "sample string 4", "OtherRequestMethod": "sample string 5", "OtherType": "sa mple string 6","Subject":{"ContactMethod":[{"Type":0,"Value":"sample string 1"},{"Type":0,"Value":"sample string 1"}],"DateOfBirth":"2022-02-18T14:12:57.9317648-05:00","DateOfBirthSpecified":true,"MailingAddress":{"General AddressClass\_type":{"CompletePlaceName":{"PlaceName":["PlaceNameType":0,"PlaceNameTypeSpecified":true," Value": "sample string 2"}, {"PlaceNameType":0, "PlaceNameTypeSpecified": true, "Value": "sample string 2"}]}, "Deliv eryAddress": "sample string 1","ZipCode": "sample string 2", "CountryName": "sample string 3", "StateName": "sample e string 4"},"NumberedThoroughfareAddress\_type":{"CompleteAddressNumber":{"AddressNumberPrefix":{"Value ":"sample string 1"},"AddressNumber":"sample string 1","AddressNumberSuffix":{"Value":"sample string 1"}},"Co mpleteStreetName":{"StreetNamePreModifier":{"Value":"sample string 1"},"StreetNamePreDirectional":{"Value":" sample string 1"}, "StreetNamePreType": {"Value": "sample string 1"}, "StreetName": "sample string 1", "StreetNamePreType": {"Value": "sample string 1"}, "StreetNamePreType": {"Value": "value": "value": {"Value": {"Va ostType":{"Value":"sample string 1"},"StreetNamePostDirectional":{"Value":"sample string 1"},"StreetNamePostM odifier":{"Value":"sample string 1"}},"CompleteSubaddress":{"SubaddressType":"sample string 1","SubaddressIden tifier": "sample string 2"}, "CompletePlaceName": {"PlaceName": [{"PlaceNameType": 0, "PlaceNameTypeSpecified": tr ue, "Value": "sample string 2"}, "PlaceNameType": 0, "PlaceNameTypeSpecified": true, "Value": "sample string 2"}]}, "S tateName": 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"sample string 1","ZipCode": "sample string 2","CountryName": "sample string 3"}},"Name": {"FirstNam e":"sample string 1","FullName":"sample string 2","LastName":"sample string 3","MiddleName":["sample string 1" ,"sample string 2"],"Prefix":"sample string 4","Suffix":"sample string 5"},"ResidenceAddress":("GeneralAddressClas s\_type":{"CompletePlaceName":{"PlaceName":[{"PlaceNameType":0,"PlaceNameTypeSpecified":true,"Value":"sa mple string 2"},{"PlaceNameType":0,"PlaceNameTypeSpecified":true,"Value":"sample string 2"}]},"DeliveryAddress ":"sample string 1","ZipCode":"sample string 2","CountryName":"sample string 3","StateName":"sample string 4"}, "NumberedThoroughfareAddress type":{"CompleteAddressNumber":{"AddressNumberPrefix":{"Value":"sample st ring 1"},"AddressNumber":"sample string 1","AddressNumberSuffix":{"Value":"sample string 1"}},"CompleteStreet Name":{"StreetNamePreModifier":{"Value":"sample string 1"},"StreetNamePreDirectional":{"Value":"sample string 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"sample string 2" "Type":0},{"OtherType":"sample string 1","StringValue":"sample string 2","Type":0}]},"TransactionId":"sample stri ng 7", "Type":[0,0], "VendorApplicationId": "sample string 8"}

#### application/xml, text/xml

```
<FormSpecified>true</FormSpecified>
<GeneratedDate>2022-02-18T14:12:57.9317648-05:00</GeneratedDate>
<lssuer>sample string 3</lssuer>
<OtherForm>sample string 4</OtherForm>
<OtherRequestMethod>sample string 5</OtherRequestMethod>
<OtherType>sample string 6</OtherType>
<Subject>
 <ContactMethod>
  <ContactMethod>
   <Type>email</Type>
   <Value>sample string 1</Value>
  </ContactMethod>
  <ContactMethod>
   <Type>email</Type>
   <Value>sample string 1</Value>
  </ContactMethod>
 </ContactMethod>
 <DateOfBirth>2022-02-18T14:12:57.9317648-05:00/DateOfBirth>
 <DateOfBirthSpecified>true</DateOfBirthSpecified>
 <MailingAddress>
  <GeneralAddressClass_type>
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    <PlaceName>
     <PlaceName_type>
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      <PlaceNameTypeSpecified>true</PlaceNameTypeSpecified>
      <Value>sample string 2</Value>
     </PlaceName_type>
     <PlaceName_type>
      <PlaceNameType>USPSCommunity</PlaceNameType>
      <PlaceNameTypeSpecified>true</PlaceNameTypeSpecified>
      <Value>sample string 2</Value>
     </PlaceName_type>
```

```
</PlaceName>
</CompletePlaceName>
<CountryName>sample string 3</CountryName>
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<StateName>sample string 4</StateName>
<ZipCode>sample string 2</ZipCode>
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  <Value>sample string 1</Value>
 </AddressNumberPrefix>
 <AddressNumberSuffix>
  <Value>sample string 1</Value>
 </AddressNumberSuffix>
</CompleteAddressNumber>
<CompletePlaceName>
 <PlaceName>
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   <PlaceNameType>USPSCommunity</PlaceNameType>
   <PlaceNameTypeSpecified>true</PlaceNameTypeSpecified>
   <Value>sample string 2</Value>
  </PlaceName_type>
  <PlaceName_type>
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   <Value>sample string 2</Value>
  </PlaceName_type>
 </PlaceName>
</CompletePlaceName>
<CompleteStreetName>
 <StreetName>sample string 1</StreetName>
```

```
<StreetNamePostDirectional>
  <Value>sample string 1</Value>
 </StreetNamePostDirectional>
 <StreetNamePostModifier>
  <Value>sample string 1</Value>
 </StreetNamePostModifier>
 <StreetNamePostType>
  <Value>sample string 1</Value>
 </StreetNamePostType>
 <StreetNamePreDirectional>
  <Value>sample string 1</Value>
 </StreetNamePreDirectional>
 <StreetNamePreModifier>
  <Value>sample string 1</Value>
 </StreetNamePreModifier>
 <StreetNamePreType>
  <Value>sample string 1</Value>
 </StreetNamePreType>
</CompleteStreetName>
<CompleteSubaddress>
 <SubaddressIdentifier>sample string 2</SubaddressIdentifier>
 <SubaddressType>sample string 1</SubaddressType>
</CompleteSubaddress>
<CountryName>sample string 3</CountryName>
<StateName>sample string 1</StateName>
<ZipCode>sample string 2</ZipCode>
</NumberedThoroughfareAddress_type>
<USPSPostalDeliveryBox_type>
<CompletePlaceName>
 <PlaceName>
  <PlaceName_type>
   <PlaceNameType>USPSCommunity</PlaceNameType>
   <PlaceNameTypeSpecified>true</PlaceNameTypeSpecified>
```

```
<Value>sample string 2</Value>
   </PlaceName_type>
   <PlaceName_type>
   <PlaceNameType>USPSCommunity</PlaceNameType>
    <PlaceNameTypeSpecified>true</PlaceNameTypeSpecified>
    <Value>sample string 2</Value>
  </PlaceName_type>
 </PlaceName>
 </CompletePlaceName>
<CompleteSubaddress>
 <SubaddressIdentifier>sample string 2</SubaddressIdentifier>
 <SubaddressType>sample string 1</SubaddressType>
 </CompleteSubaddress>
<CountryName>sample string 3</CountryName>
 <StateName>sample string 1</StateName>
 <USPSBox>
 <USPSBoxId>sample string 2</USPSBoxId>
 <USPSBoxType>sample string 1</USPSBoxType>
 </USPSBox>
 <ZipCode>sample string 2</ZipCode>
</USPSPostalDeliveryBox_type>
<USPSPostalDeliveryRoute_type>
 <CompletePlaceName>
 <PlaceName>
  <PlaceName_type>
   <PlaceNameType>USPSCommunity</PlaceNameType>
    <PlaceNameTypeSpecified>true</PlaceNameTypeSpecified>
    <Value>sample string 2</Value>
   </PlaceName_type>
   <PlaceName_type>
    <PlaceNameType>USPSCommunity</PlaceNameType>
    <PlaceNameTypeSpecified>true</PlaceNameTypeSpecified>
    <Value>sample string 2</Value>
```

```
</PlaceName type>
               </PlaceName>
           </CompletePlaceName>
          <CountryName>sample string 3</CountryName>
           <StateName>sample string 1</StateName>
           <USPSAddress>
               <USPSBox>
                    <USPSBoxId>sample string 2</USPSBoxId>
                    <us><!-- <!-- Color for the string 1 </use /-> <!-- Color for the string 1 <--- Color for th
               </USPSBox>
               <USPSRoute>
                    <us><!-- <!-- Color for the string color for the st
                    <uSPSBoxGroupType>sample string 1</uSPSBoxGroupType>
               </USPSRoute>
           </USPSAddress>
           <ZipCode>sample string 2</ZipCode>
     </USPSPostalDeliveryRoute_type>
</MailingAddress>
<Name>
     <FirstName>sample string 1</FirstName>
     <FullName>sample string 2</FullName>
     <LastName>sample string 3</LastName>
      <MiddleName xmlns:d4p1="http://schemas.microsoft.com/2003/10/Serialization/Arrays">
          <d4p1:string>sample string 1</d4p1:string>
           <d4p1:string>sample string 2</d4p1:string>
     </MiddleName>
     <Prefix>sample string 4</Prefix>
     <Suffix>sample string 5</Suffix>
</Name>
<ResidenceAddress>
     <GeneralAddressClass_type>
           <CompletePlaceName>
               <PlaceName>
```

```
<PlaceName type>
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   <PlaceNameTypeSpecified>true</PlaceNameTypeSpecified>
   <Value>sample string 2</Value>
  </PlaceName_type>
  <PlaceName_type>
   <PlaceNameType>USPSCommunity</PlaceNameType>
   <PlaceNameTypeSpecified>true</PlaceNameTypeSpecified>
   <Value>sample string 2</Value>
  </PlaceName_type>
 </PlaceName>
</CompletePlaceName>
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<StateName>sample string 4</StateName>
<ZipCode>sample string 2</ZipCode>
</GeneralAddressClass_type>
<NumberedThoroughfareAddress type>
<CompleteAddressNumber>
 <AddressNumber>sample string 1</AddressNumber>
 <AddressNumberPrefix>
  <Value>sample string 1</Value>
 </AddressNumberPrefix>
 <AddressNumberSuffix>
  <Value>sample string 1</Value>
 </AddressNumberSuffix>
</CompleteAddressNumber>
<CompletePlaceName>
 <PlaceName>
  <PlaceName type>
   <PlaceNameType>USPSCommunity</PlaceNameType>
   <PlaceNameTypeSpecified>true</PlaceNameTypeSpecified>
   <Value>sample string 2</Value>
```

```
</PlaceName type>
 <PlaceName_type>
  <PlaceNameType>USPSCommunity</PlaceNameType>
  <PlaceNameTypeSpecified>true</PlaceNameTypeSpecified>
  <Value>sample string 2</Value>
 </PlaceName_type>
</PlaceName>
</CompletePlaceName>
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<StreetNamePostDirectional>
 <Value>sample string 1</Value>
</StreetNamePostDirectional>
<StreetNamePostModifier>
 <Value>sample string 1</Value>
</StreetNamePostModifier>
<StreetNamePostType>
 <Value>sample string 1</Value>
</StreetNamePostType>
<StreetNamePreDirectional>
 <Value>sample string 1</Value>
</StreetNamePreDirectional>
<StreetNamePreModifier>
 <Value>sample string 1</Value>
</StreetNamePreModifier>
<StreetNamePreType>
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</StreetNamePreType>
</CompleteStreetName>
<CompleteSubaddress>
<SubaddressIdentifier>sample string 2</SubaddressIdentifier>
<SubaddressType>sample string 1</SubaddressType>
</CompleteSubaddress>
```

```
<CountryName>sample string 3</CountryName>
  <StateName>sample string 1</StateName>
  <ZipCode>sample string 2</ZipCode>
 </NumberedThoroughfareAddress_type>
</ResidenceAddress>
<ResidenceAddressIsMailingAddress>true</ResidenceAddressIsMailingAddress>
<ResidenceAddressIsMailingAddressSpecified>true</ResidenceAddressIsMailingAddressSpecified>
<VoterClassification>
 <VoterClassification>
  <Assertion>true</Assertion>
  <OtherAssertion>sample string 2</OtherAssertion>
  <OtherType>sample string 3</OtherType>
  <Type>activatednationalguard</Type>
 </VoterClassification>
 <VoterClassification>
  <Assertion>true</Assertion>
  <OtherAssertion>sample string 2</OtherAssertion>
  <OtherType>sample string 3</OtherType>
  <Type>activatednationalguard</Type>
 </VoterClassification>
</VoterClassification>
<VoterId>
 <VoterId>
  <OtherType>sample string 1</OtherType>
  <StringValue>sample string 2</StringValue>
  <Type>driverslicense</Type>
 </VoterId>
 <VoterId>
  <OtherType>sample string 1</OtherType>
  <StringValue>sample string 2</StringValue>
  <Type>driverslicense</Type>
 </VoterId>
</VoterId>
```

- </Subject>
- <TransactionId>sample string 7/TransactionId>
- <Type>
- <VoterRequestType>ballotrequest</VoterRequestType>
- <VoterRequestType>ballotrequest</VoterRequestType>
- </Type>
- <VendorApplicationId>sample string 8</VendorApplicationId>
- </VoterRecordsRequest>

# application/x-www-form-urlencoded

#### Sample:

Sample not available.

# **Response Information**

# **Resource Description**

VoterRecordsResponse

#### <u>OnlineVoterResponse</u>

Name	Description	Туре	Additional information
SenderName		string	None.
IsValid		boolean	None.
VoterStatusId		decimal number	None.
VoterStatusDescription		string	None.
VoterErrors		OnlineVoterError	None.
HasError		boolean	None.
ErrorMessage		string	None.

## **Response Formats**

## application/json, text/json

#### Sample:

```
"SenderName": "sample string 1",
"IsValid": true,
"VoterStatusId": 3.0,
"VoterStatusDescription": "sample string 4",
"VoterErrors": {
    "SenderRecordId": "sample string 1",
    "IsValid": true,
    "ValidationMessage": [
        "sample string 1",
        "sample string 2"
    ]
},
"HasError": true,
"ErrorMessage": "sample string 6"
}
```

## text/html

#### Sample:

{"SenderName":"sample string 1","IsValid":true,"VoterStatusId":3.0,"VoterStatusDescription":"sample string 4","VoterErrors":{"SenderRecordId":"sample string 1","IsValid":true,"ValidationMessage":["sample string 1","sample string 2"]},"HasError":true,"ErrorMessage":"sample string 6"}

## application/xml, text/xml

#### Sample:

<OnlineVoterResponse xmlns:i="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://schemas.datacon
tract.org/2004/07/OnlineVoterAPI.Models">
 <ErrorMessage>sample string 6</ErrorMessage>
 <HasError>true</HasError>
 <IsValid>true</IsValid>
 <SenderName>sample string 1</SenderName>
 <VoterErrors xmlns:d2p1="http://schemas.datacontract.org/2004/07/QVF.Data.ViewModels.OnlineVoter">

```
<d2p1:IsValid>true</d2p1:IsValid>
<d2p1:SenderRecordId>sample string 1</d2p1:SenderRecordId>
<d2p1:ValidationMessage xmlns:d3p1="http://schemas.microsoft.com/2003/10/Serialization/Arrays">
<d3p1:string>sample string 1</d3p1:string>
<d3p1:string>sample string 2</d3p1:string>
</d2p1:ValidationMessage>
</voterErrors>
<VoterStatusDescription>sample string 4</voterStatusDescription>
<VoterStatusId>3</voterStatusId>
</onlineVoterResponse>
```

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<u>Home</u> API

#### **Help Page Home**

# GET api/OnlineVoter/HealthCheck

Check if online voter api is active.

# **Request Information**

**URI Parameters** 

None.

**Body Parameters** 

None.

# **Response Information**

# **Resource Description**

Http OK Status Code

#### **HttpResponseMessage**

Name	Description	Туре	Additional information
Version		Version	None.
Content		HttpContent	None.
StatusCode		<u>HttpStatusCode</u>	None.
ReasonPhrase		string	None.
Headers		Collection of Object	None.

Name	Description	Туре	Additional information
RequestMessage		HttpRequestMessage	None.
IsSuccessStatusCode		boolean	None.

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## Online Voter API

<u>Home</u> API

#### **Help Page Home**

# POST api/OnlineVoter/PostOnlineVoter

Post single Online Voter

# **Request Information**

**URI Parameters** 

None.

## **Body Parameters**

#### **OnlineVoterRequest**

Name	Description	Туре	Additional information
SenderName		string	Required Matching regular expression pattern: ^[a-zA-Z0-9 _#/',]*\$ Max length: 100
Voter		OnlineVoter	None.

# **Request Formats**

# application/json, text/json

```
"SenderName": "sample string 1",

"Voter": {

"SenderRecordId": "sample string 1",

"StatusId": 1.0,

"DLNAddressUpdate": "sample string 2",
```

```
"DLNDuplicate": "sample string 3",
  "IsCitizen": "sample string 4",
  "IsEighteen": "sample string 5",
  "IsThirtyDayResident": "sample string 6",
  "RegistrationCancellationAuthorized": "sample string 7",
  "DigitalSignatureAuthorized": "sample string 8",
  "FullName": "sample string 9",
  "DLN": "sample string 10",
  "BirthMonth": 11.0,
  "BirthDay": 12.0,
  "BirthYear": 13.0,
  "EyeColor": "sample string 14",
  "SSNFour": "sample string 15",
  "AddressLine1": "sample string 16",
  "AddressLine2": "sample string 17",
  "City": "sample string 18",
  "Zip": "sample string 19",
  "PhoneNumber": "sample string 20",
  "EmailAddress": "sample string 21",
  "MailingAddressIsInternational": "sample string 22",
  "MailingAddressLineOne": "sample string 23",
  "MailingAddressLineTwo": "sample string 24",
  "MailingAddressLineThree": "sample string 25",
  "MailingAddressLineFour": "sample string 26",
  "MailingAddressLineFive": "sample string 27"
}
```

#### Sample:

{"SenderName":"sample string 1","Voter":{"SenderRecordId":"sample string 1","StatusId":1.0,"DLNAddressUpdate ":"sample string 2","DLNDuplicate":"sample string 3","IsCitizen":"sample string 4","IsEighteen":"sample string 5","I sThirtyDayResident":"sample string 6","RegistrationCancellationAuthorized":"sample string 7","DigitalSignatureAut horized":"sample string 8","FullName":"sample string 9","DLN":"sample string 10","BirthMonth":11.0,"BirthDay":1 2.0,"BirthYear":13.0,"EyeColor":"sample string 14","SSNFour":"sample string 15","AddressLine1":"sample string 16

","AddressLine2":"sample string 17","City":"sample string 18","Zip":"sample string 19","PhoneNumber":"sample st ring 20", "EmailAddress": "sample string 21", "MailingAddressIsInternational": "sample string 22", "MailingAddressLin eOne":"sample string 23","MailingAddressLineTwo":"sample string 24","MailingAddressLineThree":"sample string 25","MailingAddressLineFour":"sample string 26","MailingAddressLineFive":"sample string 27"}}

#### application/xml, text/xml

```
<OnlineVoterRequest xmlns:i="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://schemas.datacontr
act.org/2004/07/OnlineVoterAPI.Models">
 <SenderName>sample string 1</SenderName>
 <Voter xmlns:d2p1="http://schemas.datacontract.org/2004/07/QVF.Data.ViewModels.OnlineVoter">
  <d2p1:AddressLine1>sample string 16</d2p1:AddressLine1>
  <d2p1:AddressLine2>sample string 17</d2p1:AddressLine2>
  <d2p1:BirthDay>12</d2p1:BirthDay>
  <d2p1:BirthMonth>11</d2p1:BirthMonth>
  <d2p1:BirthYear>13</d2p1:BirthYear>
  <d2p1:City>sample string 18</d2p1:City>
  <d2p1:DLN>sample string 10</d2p1:DLN>
  <d2p1:DLNAddressUpdate>sample string 2</d2p1:DLNAddressUpdate>
  <d2p1:DLNDuplicate>sample string 3</d2p1:DLNDuplicate>
  <d2p1:DigitalSignatureAuthorized>sample string 8</d2p1:DigitalSignatureAuthorized>
  <d2p1:EmailAddress>sample string 21</d2p1:EmailAddress>
  <d2p1:EyeColor>sample string 14</d2p1:EyeColor>
  <d2p1:FullName>sample string 9</d2p1:FullName>
  <d2p1:IsCitizen>sample string 4</d2p1:IsCitizen>
  <d2p1:IsEighteen>sample string 5</d2p1:IsEighteen>
  <d2p1:IsThirtyDayResident>sample string 6</d2p1:IsThirtyDayResident>
  <d2p1:MailingAddressIsInternational>sample string 22</d2p1:MailingAddressIsInternational>
  <d2p1:MailingAddressLineFive>sample string 27</d2p1:MailingAddressLineFive>
  <d2p1:MailingAddressLineFour>sample string 26</d2p1:MailingAddressLineFour>
  <d2p1:MailingAddressLineOne>sample string 23</d2p1:MailingAddressLineOne>
  <d2p1:MailingAddressLineThree>sample string 25</d2p1:MailingAddressLineThree>
  <d2p1:MailingAddressLineTwo>sample string 24</d2p1:MailingAddressLineTwo>
  <d2p1:PhoneNumber>sample string 20</d2p1:PhoneNumber>
  <d2p1:RegistrationCancellationAuthorized>sample string 7</d2p1:RegistrationCancellationAuthorized>
```

```
<d2p1:SSNFour>sample string 15</d2p1:SSNFour>
<d2p1:SenderRecordId>sample string 1</d2p1:SenderRecordId>
<d2p1:StatusId>1</d2p1:StatusId>
<d2p1:Zip>sample string 19</d2p1:Zip>
</Voter>
</OnlineVoterRequest>
```

## application/x-www-form-urlencoded

#### Sample:

Sample not available.

# **Response Information**

## **Resource Description**

Online Voter Response

#### <u>OnlineVoterResponse</u>

Name	Description	Туре	Additional information
SenderName		string	None.
IsValid		boolean	None.
VoterStatusId		decimal number	None.
VoterStatusDescription		string	None.
VoterErrors		OnlineVoterError	None.
HasError		boolean	None.
ErrorMessage		string	None.

# **Response Formats**

# application/json, text/json

```
{
"SenderName": "sample string 1",
"IsValid": true,
"VoterStatusId": 3.0,
"VoterStatusDescription": "sample string 4",
"VoterErrors": {
    "SenderRecordId": "sample string 1",
    "IsValid": true,
    "ValidationMessage": [
    "sample string 1",
    "sample string 2"
    ]
},
"HasError": true,
"ErrorMessage": "sample string 6"
}
```

#### Sample:

{"SenderName": "sample string 1", "IsValid": true, "VoterStatusId": 3.0, "VoterStatusDescription": "sample string 4", "VoterErrors": {"SenderRecordId": "sample string 1", "IsValid": true, "ValidationMessage": ["sample string 1", "sample string 2"]}, "HasError": true, "ErrorMessage": "sample string 6"}

#### application/xml, text/xml

```
<d2p1:ValidationMessage xmlns:d3p1="http://schemas.microsoft.com/2003/10/Serialization/Arrays">
        <d3p1:string>sample string 1</d3p1:string>
        <d3p1:string>sample string 2</d3p1:string>
        </d2p1:ValidationMessage>
        </voterErrors>
        <VoterStatusDescription>sample string 4</voterStatusDescription>
        <VoterStatusId>3</voterStatusId>
        </onlineVoterResponse>
```

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# Online Voter API

<u>Home</u> API

#### **Help Page Home**

# POST api/OnlineVoter/PostOnlineVoterBatch

Post a batch of Online Voters

# **Request Information**

**URI Parameters** 

None.

## **Body Parameters**

#### OnlineVoterBatchRequest

Name	Description	Туре	Additional information
SenderName		string	Required Matching regular expression pattern: ^[a-zA-Z0-9 _#/',]*\$ Max length: 100
BatchVoters		Collection of OnlineVoter	None.

# **Request Formats**

# application/json, text/json

```
"SenderName": "sample string 1",
"BatchVoters": [
{
    "SenderRecordId": "sample string 1",
```

```
"StatusId": 1.0,
 "DLNAddressUpdate": "sample string 2",
 "DLNDuplicate": "sample string 3",
 "IsCitizen": "sample string 4",
 "IsEighteen": "sample string 5",
 "IsThirtyDayResident": "sample string 6",
 "RegistrationCancellationAuthorized": "sample string 7",
 "DigitalSignatureAuthorized": "sample string 8",
 "FullName": "sample string 9",
 "DLN": "sample string 10",
 "BirthMonth": 11.0,
 "BirthDay": 12.0,
 "BirthYear": 13.0,
 "EyeColor": "sample string 14",
 "SSNFour": "sample string 15",
 "AddressLine1": "sample string 16",
 "AddressLine2": "sample string 17",
 "City": "sample string 18",
 "Zip": "sample string 19",
 "PhoneNumber": "sample string 20",
 "EmailAddress": "sample string 21",
 "MailingAddressIsInternational": "sample string 22",
 "MailingAddressLineOne": "sample string 23",
 "MailingAddressLineTwo": "sample string 24",
 "MailingAddressLineThree": "sample string 25",
 "MailingAddressLineFour": "sample string 26",
 "MailingAddressLineFive": "sample string 27"
},
 "SenderRecordId": "sample string 1",
 "StatusId": 1.0,
 "DLNAddressUpdate": "sample string 2",
 "DLNDuplicate": "sample string 3",
```

```
"IsCitizen": "sample string 4",
   "IsEighteen": "sample string 5",
   "IsThirtyDayResident": "sample string 6",
   "RegistrationCancellationAuthorized": "sample string 7",
   "DigitalSignatureAuthorized": "sample string 8",
   "FullName": "sample string 9",
   "DLN": "sample string 10",
   "BirthMonth": 11.0,
   "BirthDay": 12.0,
   "BirthYear": 13.0,
   "EyeColor": "sample string 14",
   "SSNFour": "sample string 15",
   "AddressLine1": "sample string 16",
   "AddressLine2": "sample string 17",
   "City": "sample string 18",
   "Zip": "sample string 19",
   "PhoneNumber": "sample string 20",
   "EmailAddress": "sample string 21",
   "MailingAddressIsInternational": "sample string 22",
   "MailingAddressLineOne": "sample string 23",
   "MailingAddressLineTwo": "sample string 24",
   "MailingAddressLineThree": "sample string 25",
   "MailingAddressLineFour": "sample string 26",
   "MailingAddressLineFive": "sample string 27"
  }
}
```

#### Sample:

{"SenderName": "sample string 1", "BatchVoters": [{"SenderRecordId": "sample string 1", "StatusId": 1.0, "DLNAddress Update": "sample string 2", "DLNDuplicate": "sample string 3", "IsCitizen": "sample string 4", "IsEighteen": "sample string 5", "IsThirtyDayResident": "sample string 6", "RegistrationCancellationAuthorized": "sample string 7", "DigitalSigna tureAuthorized": "sample string 8", "FullName": "sample string 9", "DLN": "sample string 10", "BirthMonth": 11.0, "BirthDay": 12.0, "BirthYear": 13.0, "EyeColor": "sample string 14", "SSNFour": "sample string 15", "AddressLine1": "sample s

tring 16","AddressLine2":"sample string 17","City":"sample string 18","Zip":"sample string 19","PhoneNumber":"sa mple string 20","EmailAddress":"sample string 21","MailingAddressIsInternational":"sample string 22","MailingAddressLineTwo":"sample string 24","MailingAddressLineThree":"sample e string 25","MailingAddressLineFour":"sample string 26","MailingAddressLineFive":"sample string 27"},{"SenderR ecordId":"sample string 1","StatusId":1.0,"DLNAddressUpdate":"sample string 2","DLNDuplicate":"sample string 3","IsCitizen":"sample string 4","IsEighteen":"sample string 5","IsThirtyDayResident":"sample string 6","RegistrationC ancellationAuthorized":"sample string 7","DigitalSignatureAuthorized":"sample string 8","FullName":"sample string 9","DLN":"sample string 10","BirthMonth":11.0,"BirthDay":12.0,"BirthYear":13.0,"EyeColor":"sample string 14"," SSNFour":"sample string 15","AddressLine1":"sample string 16","AddressLine2":"sample string 17","City":"sample string 18","Zip":"sample string 19","PhoneNumber":"sample string 20","EmailAddress":"sample string 21","Mailing AddressInternational":"sample string 22","MailingAddressLineOne":"sample string 23","MailingAddressLineTwo": "sample string 24","MailingAddressLineFour":"sample string 26","MailingAddressLineFour":"sample string 27"}]}

#### application/xml, text/xml

```
<OnlineVoterBatchRequest xmlns:i="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://schemas.data
contract.org/2004/07/OnlineVoterAPI.Models">
 <BatchVoters xmlns:d2p1="http://schemas.datacontract.org/2004/07/QVF.Data.ViewModels.OnlineVoter">
  <d2p1:OnlineVoter>
   <d2p1:AddressLine1>sample string 16</d2p1:AddressLine1>
   <d2p1:AddressLine2>sample string 17</d2p1:AddressLine2>
   <d2p1:BirthDay>12</d2p1:BirthDay>
   <d2p1:BirthMonth>11</d2p1:BirthMonth>
   <d2p1:BirthYear>13</d2p1:BirthYear>
   <d2p1:City>sample string 18</d2p1:City>
   <d2p1:DLN>sample string 10</d2p1:DLN>
   <d2p1:DLNAddressUpdate>sample string 2</d2p1:DLNAddressUpdate>
   <d2p1:DLNDuplicate>sample string 3</d2p1:DLNDuplicate>
   <d2p1:DigitalSignatureAuthorized>sample string 8</d2p1:DigitalSignatureAuthorized>
   <d2p1:EmailAddress>sample string 21</d2p1:EmailAddress>
   <d2p1:EyeColor>sample string 14</d2p1:EyeColor>
   <d2p1:FullName>sample string 9</d2p1:FullName>
   <d2p1:IsCitizen>sample string 4</d2p1:IsCitizen>
   <d2p1:IsEighteen>sample string 5</d2p1:IsEighteen>
   <d2p1:IsThirtyDayResident>sample string 6</d2p1:IsThirtyDayResident>
   <d2p1:MailingAddressIsInternational>sample string 22</d2p1:MailingAddressIsInternational>
   <d2p1:MailingAddressLineFive>sample string 27</d2p1:MailingAddressLineFive>
```

```
<d2p1:MailingAddressLineFour>sample string 26</d2p1:MailingAddressLineFour>
 <d2p1:MailingAddressLineOne>sample string 23</d2p1:MailingAddressLineOne>
 <d2p1:MailingAddressLineThree>sample string 25</d2p1:MailingAddressLineThree>
 <d2p1:MailingAddressLineTwo>sample string 24</d2p1:MailingAddressLineTwo>
 <d2p1:PhoneNumber>sample string 20</d2p1:PhoneNumber>
 <d2p1:RegistrationCancellationAuthorized>sample string 7</d2p1:RegistrationCancellationAuthorized>
 <d2p1:SSNFour>sample string 15</d2p1:SSNFour>
 <d2p1:SenderRecordId>sample string 1</d2p1:SenderRecordId>
 <d2p1:StatusId>1</d2p1:StatusId>
 <d2p1:Zip>sample string 19</d2p1:Zip>
</d2p1:OnlineVoter>
<d2p1:OnlineVoter>
 <d2p1:AddressLine1>sample string 16</d2p1:AddressLine1>
 <d2p1:AddressLine2>sample string 17</d2p1:AddressLine2>
 <d2p1:BirthDay>12</d2p1:BirthDay>
 <d2p1:BirthMonth>11</d2p1:BirthMonth>
 <d2p1:BirthYear>13</d2p1:BirthYear>
 <d2p1:City>sample string 18</d2p1:City>
 <d2p1:DLN>sample string 10</d2p1:DLN>
 <d2p1:DLNAddressUpdate>sample string 2</d2p1:DLNAddressUpdate>
 <d2p1:DLNDuplicate>sample string 3</d2p1:DLNDuplicate>
 <d2p1:DigitalSignatureAuthorized>sample string 8</d2p1:DigitalSignatureAuthorized>
 <d2p1:EmailAddress>sample string 21</d2p1:EmailAddress>
 <d2p1:EyeColor>sample string 14</d2p1:EyeColor>
 <d2p1:FullName>sample string 9</d2p1:FullName>
 <d2p1:IsCitizen>sample string 4</d2p1:IsCitizen>
 <d2p1:IsEighteen>sample string 5</d2p1:IsEighteen>
 <d2p1:IsThirtyDayResident>sample string 6</d2p1:IsThirtyDayResident>
 <d2p1:MailingAddressIsInternational>sample string 22</d2p1:MailingAddressIsInternational>
 <d2p1:MailingAddressLineFive>sample string 27</d2p1:MailingAddressLineFive>
 <d2p1:MailingAddressLineFour>sample string 26</d2p1:MailingAddressLineFour>
 <d2p1:MailingAddressLineOne>sample string 23</d2p1:MailingAddressLineOne>
 <d2p1:MailingAddressLineThree>sample string 25</d2p1:MailingAddressLineThree>
```

```
<d2p1:MailingAddressLineTwo>sample string 24</d2p1:MailingAddressLineTwo>
```

<d2p1:PhoneNumber>sample string 20</d2p1:PhoneNumber>

 $<\!d2p1: Registration Cancellation Authorized >\!s ample string \ 7 <\!/d2p1: Registration Cancellation Authorized >\!s ample string \ 7 <\!/d2p1: Registration Cancellation Authorized >\!s ample string \ 7 <\!/d2p1: Registration Cancellation Authorized >\!s ample string \ 7 <\!/d2p1: Registration Cancellation Authorized >\!s ample string \ 7 <\!/d2p1: Registration Cancellation Authorized >\!s ample string \ 7 <\!/d2p1: Registration Cancellation Authorized >\!s ample string \ 7 <\!/d2p1: Registration Cancellation Authorized >\!s ample string \ 7 <\!/d2p1: Registration Cancellation Authorized >\!s ample string \ 7 <\!/d2p1: Registration Cancellation Authorized >\!s ample string \ 7 <\!/d2p1: Registration Cancellation Authorized >\!s ample string \ 7 <\!/d2p1: Registration Cancellation Authorized >\!s ample string \ 7 <\!/d2p1: Registration Cancellation Authorized >\!s ample string \ 7 <\!/d2p1: Registration Cancellation Authorized >\!s ample string \ 7 <\!/d2p1: Registration Cancellation Authorized >\!s ample string \ 7 <\!/d2p1: Registration Cancellation Authorized >\!s ample string \ 7 <\!/d2p1: Registration Cancellation Authorized >\!s ample string \ 7 <\!/d2p1: Registration Cancellation Authorized >\!s ample string \ 7 <\!/d2p1: Registration Cancellation Authorized >\!s ample string \ 7 <\!/d2p1: Registration Cancellation Authorized >\!s ample string \ 7 <\!/d2p1: Registration Cancellation Authorized >\!s ample string \ 7 <\!/d2p1: Registration Cancellation Authorized >\!s ample string \ 7 <\!/d2p1: Registration Cancellation Authorized >\!s ample string \ 7 <\!/d2p1: Registration Cancellation Authorized >\!s ample string \ 7 <\!/d2p1: Registration Cancellation Authorized >\!s ample string \ 7 <\!/d2p1: Registration Cancellation Authorized >\!s ample string \ 7 <\!/d2p1: Registration Cancellation Authorized >\!s ample string \ 7 <\!/d2p1: Registration Cancellation Authorized >\!s ample string \ 7 <\!/d2p1: Registration Cancellation Authorized >\!s ample string \ 7 <\!/d2p1: Registration Cancellation Authorized >\!s ample string \ 7 <\!/d2p1: Registration Cancellation$ 

<d2p1:SSNFour>sample string 15</d2p1:SSNFour>

<d2p1:SenderRecordId>sample string 1</d2p1:SenderRecordId>

<d2p1:StatusId>1</d2p1:StatusId>

<d2p1:Zip>sample string 19</d2p1:Zip>

</d2p1:OnlineVoter>

</BatchVoters>

<SenderName>sample string 1</SenderName>

</OnlineVoterBatchRequest>

# application/x-www-form-urlencoded

### Sample:

Sample not available.

# **Response Information**

## **Resource Description**

OnlineVoterBatchResponse

### OnlineVoterBatchResponse

Name	Description	Туре	Additional information
BatchId		decimal number	None.
SenderName		string	None.
BatchStatusId		decimal number	None.
IsValid		boolean	None.
VoterErrors		Collection of OnlineVoterError	None.
HasError		boolean	None.

Name	Description	Туре	Additional information
ErrorMessage		string	None.

# **Response Formats**

# application/json, text/json

```
"BatchId": 1.0,
"SenderName": "sample string 1",
"BatchStatusId": 2.0,
"IsValid": true,
"VoterErrors": [
  "SenderRecordId": "sample string 1",
  "IsValid": true,
  "ValidationMessage": [
   "sample string 1",
   "sample string 2"
  ]
 },
  "SenderRecordId": "sample string 1",
  "IsValid": true,
  "ValidationMessage": [
   "sample string 1",
   "sample string 2"
}
],
"HasError": true,
"ErrorMessage": "sample string 5"
```

### Sample:

{"BatchId":1.0,"SenderName":"sample string 1","BatchStatusId":2.0,"IsValid":true,"VoterErrors":[{"SenderRecordId ":"sample string 1","IsValid":true,"ValidationMessage":["sample string 1","sample string 2"]},{"SenderRecordId":"s ample string 1","IsValid":true,"ValidationMessage":["sample string 1","sample string 2"]}],"HasError":true,"ErrorM essage":"sample string 5"}

## application/xml, text/xml

```
Sample:
<OnlineVoterBatchResponse xmlns:i="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://schemas.da
tacontract.org/2004/07/OnlineVoterAPI.Models">
<BatchId>1</BatchId>
<BatchStatusId>2</BatchStatusId>
<ErrorMessage>sample string 5</ErrorMessage>
<HasError>true</HasError>
<IsValid>true</IsValid>
<SenderName>sample string 1</SenderName>
<VoterErrors xmlns:d2p1="http://schemas.datacontract.org/2004/07/QVF.Data.ViewModels.OnlineVoter">
  <d2p1:OnlineVoterError>
   <d2p1:IsValid>true</d2p1:IsValid>
   <d2p1:SenderRecordId>sample string 1</d2p1:SenderRecordId>
   <d2p1:ValidationMessage xmlns:d4p1="http://schemas.microsoft.com/2003/10/Serialization/Arrays">
    <d4p1:string>sample string 1</d4p1:string>
    <d4p1:string>sample string 2</d4p1:string>
   </d2p1:ValidationMessage>
  </d2p1:OnlineVoterError>
  <d2p1:OnlineVoterError>
   <d2p1:IsValid>true</d2p1:IsValid>
   <d2p1:SenderRecordId>sample string 1</d2p1:SenderRecordId>
   <d2p1:ValidationMessage xmlns:d4p1="http://schemas.microsoft.com/2003/10/Serialization/Arrays">
    <d4p1:string>sample string 1</d4p1:string>
    <d4p1:string>sample string 2</d4p1:string>
   </d2p1:ValidationMessage>
```

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# Online Voter API

<u>Home</u> API

### **Help Page Home**

# GET api/OnlineVoter/GetOnlineVoterBatchStatus

Get the status of a batch and associated voters.

# **Request Information**

**URI Parameters** 

None.

# **Body Parameters**

### OnlineVoterBatchStatusRequest

Name	Description	Туре	Additional information
SenderName		string	Required Matching regular expression pattern: ^[a-zA-Z0-9 _#/',]*\$ Max length: 100
BatchId		decimal number	Required

# **Request Formats**

# application/json, text/json

## Sample:

```
{
    "SenderName": "sample string 1",
    "BatchId": 2.0
}
```

## text/html

#### Sample:

{"SenderName": "sample string 1", "BatchId": 2.0}

# application/xml, text/xml

### Sample:

<OnlineVoterBatchStatusRequest xmlns:i="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://schemas.datacontract.org/2004/07/OnlineVoterAPI.Models">

<BatchId>2</BatchId>

<SenderName>sample string 1</SenderName>

</OnlineVoterBatchStatusRequest>

## application/x-www-form-urlencoded

#### Sample:

Sample not available.

# **Response Information**

## **Resource Description**

OnlineVoterBatchStatusResponse

<u>OnlineVoterBatchStatusResponse</u>

Name	Description	Туре	Additional information
BatchId		decimal number	None.
BatchStatusId		decimal number	None.
StatusDescription		string	None.
BatchVoters		Collection of VoterStatus	None.

# **Response Formats**

# application/json, text/json

### Sample:

{

```
"BatchStatusId": 2.0,

"StatusDescription": "sample string 3",

"BatchVoters": [

{

    "SenderRecordId": "sample string 1",

    "RecordStatusId": 2.0,

    "RecordStatusDescription": "sample string 3"

},

{

    "SenderRecordId": "sample string 1",

    "RecordStatusId": 2.0,

    "RecordStatusId": 2.0,

    "RecordStatusId": 2.0,

    "RecordStatusDescription": "sample string 3"

}

]
```

### Sample:

{"BatchId":1.0,"BatchStatusId":2.0,"StatusDescription":"sample string 3","BatchVoters":[{"SenderRecordId":"sample e string 1","RecordStatusId":2.0,"RecordStatusDescription":"sample string 3"},{"SenderRecordId":"sample string 1","RecordStatusId":2.0,"RecordStatusDescription":"sample string 3"}]}

# application/xml, text/xml

<voterstatus></voterstatus>
<recordstatusdescription>sample string 3</recordstatusdescription>
<recordstatusid>2</recordstatusid>
<senderrecordid>sample string 1</senderrecordid>
<statusdescription>sample string 3</statusdescription>

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# Online Voter API

<u>Home</u> API

### **Help Page Home**

# GET api/OnlineVoter/GetOnlineVoterStreetMatch

Checks for possible street index matches in the State of Michigan QVF system for a given address/city/zip.

# **Request Information**

**URI Parameters** 

None.

# **Body Parameters**

### On line Voter Street Match Request

Name	Description	Туре	Additional information
SenderName		string	Required Matching regular expression pattern: ^[a-zA-Z0-9 _#/',]*\$ Max length: 100
AddressLine1		string	Required  Matching regular expression pattern: ^[a-zA-Z0-9 _#/',]*\$  Max length: 50
City		string	Required Matching regular expression pattern: ^[a-zA-Z0-9 _#/',]*\$ Max length: 100
ZipCode		string	Required Matching regular expression pattern: ^[0-9]{5}\$ Max length: 5

## **Request Formats**

# application/json, text/json

```
{
  "SenderName": "sample string 1",
  "AddressLine1": "sample string 2",
  "City": "sample string 3",
  "ZipCode": "sample string 4"
}
```

### Sample:

{"SenderName":"sample string 1","AddressLine1":"sample string 2","City":"sample string 3","ZipCode":"sample string 4"}

# application/xml, text/xml

### Sample:

<OnlineVoterStreetMatchRequest xmlns:i="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://schem as.datacontract.org/2004/07/OnlineVoterAPI.Models">
 <AddressLine1>sample string 2</AddressLine1>
 <City>sample string 3</City>
 <SenderName>sample string 1</SenderName>
 <ZipCode>sample string 4</ZipCode>
 </OnlineVoterStreetMatchRequest>

## application/x-www-form-urlencoded

### Sample:

Sample not available.

# **Response Information**

# **Resource Description**

<u>OnlineVoterStreetMatchResponse</u>

Name	Description	Туре	Additional information
HasMatch		boolean	None.
HasError		boolean	None.
IsValid		boolean	None.
MatchingStreets		Collection of OnlineVoterStreetRange	None.
ValidationMessage		Collection of string	None.
ErrorMessage		string	None.

# **Response Formats**

# application/json, text/json

```
"HasMatch": true,
"HasError": true,
"IsValid": true,
"MatchingStreets": [
{
    "HouseNumberLow": 1.0,
    "HouseNumberHigh": 1.0,
    "ExtensionLow": "sample string 1",
    "ExtensionHigh": "sample string 2",
    "StreetPrefix": "sample string 3",
    "StreetSuffix": "sample string 4",
    "StreetName": "sample string 5",
    "StreetType": "sample string 6",
    "City": "sample string 7",
```

```
"ZipCode": "sample string 8",
  "JurisdictionName": "sample string 9",
  "OddEvenIndicator": "sample string 10",
  "HouseNumberCharacter": "sample string 11",
  "AliasName": "sample string 12",
  "AliasPrefix": "sample string 13",
  "AliasSuffix": "sample string 14"
 },
  "HouseNumberLow": 1.0,
  "HouseNumberHigh": 1.0,
  "ExtensionLow": "sample string 1",
  "ExtensionHigh": "sample string 2",
  "StreetPrefix": "sample string 3",
  "StreetSuffix": "sample string 4",
  "StreetName": "sample string 5",
  "StreetType": "sample string 6",
  "City": "sample string 7",
  "ZipCode": "sample string 8",
  "JurisdictionName": "sample string 9",
  "OddEvenIndicator": "sample string 10",
  "HouseNumberCharacter": "sample string 11",
  "AliasName": "sample string 12",
  "AliasPrefix": "sample string 13",
  "AliasSuffix": "sample string 14"
}
"ValidationMessage": [
 "sample string 1",
 "sample string 2"
"ErrorMessage": "sample string 4"
```

### Sample:

":1.0,"ExtensionLow":"sample string 1","ExtensionHigh":"sample string 2","StreetPrefix":"sample string 3","StreetS uffix":"sample string 4","StreetName":"sample string 5","StreetType":"sample string 6","City":"sample string 7","Zi pCode":"sample string 8","JurisdictionName":"sample string 9","OddEvenIndicator":"sample string 10","HouseNu mberCharacter":"sample string 11","AliasName":"sample string 12","AliasPrefix":"sample string 13","AliasSuffix":"s ample string 14"},{"HouseNumberLow":1.0,"HouseNumberHigh":1.0,"ExtensionLow":"sample string 1","Extension High":"sample string 2","StreetPrefix":"sample string 3","StreetSuffix":"sample string 4","StreetName":"sample string 5","StreetType":"sample string 6","City":"sample string 7","ZipCode":"sample string 8","JurisdictionName":"sam ple string 9","OddEvenIndicator":"sample string 10","HouseNumberCharacter":"sample string 11","AliasName":"sa mple string 12","AliasPrefix":"sample string 13","AliasSuffix":"sample string 14"}],"ValidationMessage":["sample string 1","sample string 2"],"ErrorMessage":"sample string 4"}

## application/xml, text/xml

```
<OnlineVoterStreetMatchResponse xmlns:i="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://sche
mas.datacontract.org/2004/07/OnlineVoterAPI.Models">
<ErrorMessage>sample string 4</ErrorMessage>
 <HasError>true</HasError>
 <HasMatch>true</HasMatch>
 <IsValid>true</IsValid>
 <MatchingStreets>
  <OnlineVoterStreetRange>
   <AliasName>sample string 12</AliasName>
   <AliasPrefix>sample string 13</AliasPrefix>
   <AliasSuffix>sample string 14</AliasSuffix>
   <City>sample string 7</City>
   <ExtensionHigh>sample string 2</ExtensionHigh>
   <ExtensionLow>sample string 1</ExtensionLow>
   <HouseNumberCharacter>sample string 11
/HouseNumberCharacter>
   <HouseNumberHigh>1</HouseNumberHigh>
   <HouseNumberLow>1</HouseNumberLow>
   <JurisdictionName>sample string 9</JurisdictionName>
   <OddEvenIndicator>sample string 10</OddEvenIndicator>
```

```
<StreetName>sample string 5</StreetName>
   <StreetPrefix>sample string 3</StreetPrefix>
   <StreetSuffix>sample string 4</StreetSuffix>
   <StreetType>sample string 6</StreetType>
   <ZipCode>sample string 8</ZipCode>
  </OnlineVoterStreetRange>
  <OnlineVoterStreetRange>
   <AliasName>sample string 12</AliasName>
   <AliasPrefix>sample string 13</AliasPrefix>
   <AliasSuffix>sample string 14</AliasSuffix>
   <City>sample string 7</City>
   <ExtensionHigh>sample string 2</ExtensionHigh>
   <ExtensionLow>sample string 1</ExtensionLow>
   <HouseNumberCharacter>sample string 11
   <HouseNumberHigh>1</HouseNumberHigh>
   <HouseNumberLow>1</HouseNumberLow>
   <JurisdictionName>sample string 9</JurisdictionName>
   <OddEvenIndicator>sample string 10</OddEvenIndicator>
   <StreetName>sample string 5</StreetName>
   <StreetPrefix>sample string 3</StreetPrefix>
   <StreetSuffix>sample string 4</StreetSuffix>
   <StreetType>sample string 6</StreetType>
   <ZipCode>sample string 8</ZipCode>
  </OnlineVoterStreetRange>
</MatchingStreets>
<ValidationMessage xmlns:d2p1="http://schemas.microsoft.com/2003/10/Serialization/Arrays">
  <d2p1:string>sample string 1</d2p1:string>
  <d2p1:string>sample string 2</d2p1:string>
</ValidationMessage>
</OnlineVoterStreetMatchResponse>
```