

5 Digit Zip Code Lookup

Address Request

Sale Date	Address	Street Pre-Dir Abbr.	Street Name	Street Suffix Abbr.	Street Post Dir	City	ZipCode	Zip Plus
06/30/2004	NULL	NULL	NULL	NULL	NULL	NULL	66614	NULL

Returned Information

State	Jurisdiction Type	Composite SER	Jurisdiction FIPS Code	General Tax Rate (Intrastate)	General Tax Rate (Interstate)	Food/Drug Tax Rate (Intrastate)	Food/Drug Tax Rate (Interstate)	Time Stamp	Lookup ID	Error ID	Short Error Description
20		SHACO	20	5.30%	5.30%	5.30%	5.30%	04/13/2004	64asdf468e64ad	0	SUCCESS
20		SHACO	53	0.90%	0.90%	0.90%	0.90%	04/13/2004	64asdf468e64ad	0	SUCCESS

Return Information

Field	Length	Type	Comment/Description
State	2	Char	
Jurisdiction Type	3	Char	
Composite SER	5	Char	
Jurisdiction FIPS Code	5	Char	
General Tax Rate (IntraState)	1.4	Decimal	
General Tax Rate (InterState)	1.4	Decimal	
Food/Drug Tax Rate (IntraState)	1.4	Decimal	
Food/Drug Tax Rate (InterState)	1.4	Decimal	
Request TimeStamp	19	DateTime	
Lookup ID	20	Char	
Error ID	4	Numeric	
Short Error Description	20	Char	

9 Digit Zip Code Lookup

Address Request

Sale Date	Address	Street Pre-Dir Abbr.	Street Name	Street Suffix Abbr.	Street Post Dir	City	ZipCode	Zip Plus
04/01/2004	NULL	NULL	NULL	NULL	NULL	NULL	66614	1534

Returned Information

State	Jurisdiction Type	Composite SER	Jurisdiction FIPS Code	General Tax Rate (Intrastate)	General Tax Rate (Interstate)	Food/Drug Tax Rate (Intrastate)	Food/Drug Tax Rate (Interstate)	Time Stamp	Lookup ID	Error ID	Short Error Description
20		TOPSN	20	5.30%	5.30%	5.30%	5.30%	04/13/2004	64asdf468e64ad	0	SUCCESS
20		TOPSN	53	0.90%	0.90%	0.90%	0.90%	04/13/2004	64asdf468e64ad	0	SUCCESS
20		TOPSN	15234	1.00%	1.00%	1.00%	1.00%	04/13/2004	64asdf468e64ad	0	SUCCESS

Return Information

Field	Length	Type	Comment/Description
State	2	Char	
Jurisdiction Type	3	Char	
Composite SER	5	Char	
Jurisdiction FIPS Code	5	Char	
General Tax Rate (IntraState)	1.4	Decimal	
General Tax Rate (InterState)	1.4	Decimal	
Food/Drug Tax Rate (IntraState)	1.4	Decimal	
Food/Drug Tax Rate (InterState)	1.4	Decimal	
Request TimeStamp	19	DateTime	
Lookup ID	20	Char	
Error ID	4	Numeric	
Short Error Description	20	Char	

Address Lookup

Address Request

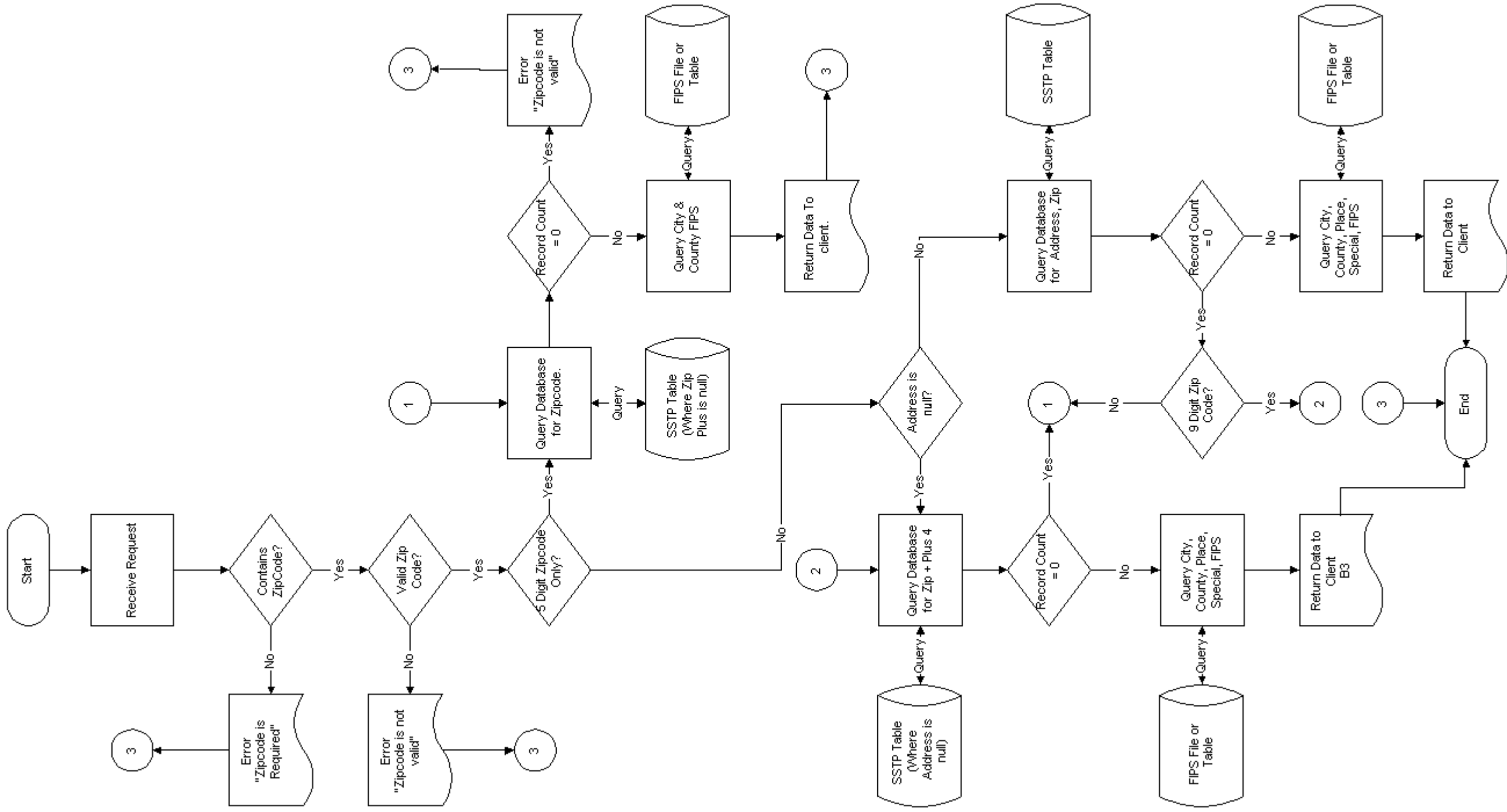
Sale Date	Address	Street Pre-Dir Abbr.	Street Name	Street Suffix Abbr.	Street Post Dir	City	ZipCode	Zip Plus
04/01/2004	3550	SW	MOUNDVIEW	CIR	NULL	TOPEKA	66614	1534

Returned Information

State	Jurisdiction Type	Composite SER	Jurisdiction FIPS Code	General Tax Rate (Intrastate)	General Tax Rate (Interstate)	Food/Drug Tax Rate (Intrastate)	Food/Drug Tax Rate (Interstate)	Jurisdiction Code	Time Stamp	Lookup ID	Error ID	Short Error Description
20		TOPSN	20	5.30%	5.30%	5.30%	5.30%	TOPSN	04/13/2004	64asdf468e64ad	0	SUCCESS
20		TOPSN	53	0.90%	0.90%	0.90%	0.90%	TOPSN	04/13/2004	64asdf468e64ad	0	SUCCESS
20		TOPSN	15234	1.00%	1.00%	1.00%	1.00%	TOPSN	04/13/2004	64asdf468e64ad	0	SUCCESS

Return Information

Field	Length	Type	Comment/Description
State	2	Char	
Jurisdiction Type	3	Char	
Composite SER	5	Char	
Jurisdiction FIPS Code	5	Char	
General Tax Rate (IntraState)	1.4	Decimal	
General Tax Rate (InterState)	1.4	Decimal	
Food/Drug Tax Rate (IntraState)	1.4	Decimal	
Food/Drug Tax Rate (InterState)	1.4	Decimal	
Request TimeStamp	19	DateTime	
Lookup ID	20	Char	
Error ID	4	Numeric	
Short Error Description	20	Char	



SSTP Table

Field	Length	Type	Comment / Description
Beginning Effective Date	8	Date	Date in CCYYMMDD format
Ending Effective Date	8	Date	Date in CCYYMMDD format
Low Address Range	10	Char	(If Record Type = PO Box, Box Range Listed)
High Address Range	10	Char	(If Record Type = PO Box, Box Range Listed)
Odd / Even "Range" Indicator	1	Char	
Street Pre-Directional abbr.	2	Char	Primary Address (Address Line 1)
Street - Name	20	Char	Primary Address (Address Line 1)
Street - Suffix Abbr.	4	Char	Primary Address (Address Line 1)
Street - Post Directional	2	Char	Primary Address (Address Line 1)
Address Secondary Abbr.	4	Char	Secondary Address (Address Line 2) -if Highrise or Firm
Address Secondary (Low)	8	Char	Secondary Address (Address Line 2) -if Highrise or Firm
Address Secondary (High)	8	Char	Secondary Address (Address Line 2) -if Highrise or Firm
Address Secondary (Odd/Even)	1	Char	Secondary Address (Address Line 2) -if Highrise or Firm
City Name	28	Char	
Zip Code	5	Char	
Plus4	4	Char	
Zip Code Low	5	Char	SSTP
Zip Code High	5	Char	SSTP
Zip Extension Low	4	Char	SSTP
Zip Extension High	4	Char	SSTP
Composite SER Code	5	Char	SSTP
FIPS State Code	2	Char	
FIPS County Code	3	Char	
FIPS Place (Municipality) Number	5	Char	
FIPS Place Class Code	2	Char	
Longitude Data	7	Char	
Latitude Data	7	Char	
Special Tax District Code Source (#1)	2	Char	"VD" for Vendor Defined "ST" for state Defined
Special Tax District Code (#1)	5	Char	This is the actual code from the source
Type of Taxing Authority Code (#1)	2	Char	From X12 Data Element 1721
:		Char	
Special Tax District Code Source (#20)	2	Char	
Special Tax District Code (#20)	5	Char	
Type of Taxing Authority Code (#20)	2	Char	

Rate Table

Field	Length	Type	Comment / Description
State	2	Char	
Jurisdiction Type	3	Char	
Jurisdiction FIPS code	5	Char	
General Tax Rate - Intrastate	1.4	Decimal	
General Tax Rate - Interstate	1.4	Decimal	
Food/Drug Tax Rate - Intrastate	1.4	Decimal	
Food/Drug Tax Rate - Interstate	1.4	Decimal	
Effective Begin Date	8	Date	CCYYMMDD
Effective End Date	8	Date	CCYYMMDD

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<?xml version="1.0" encoding="utf-8" ?>
<!-- edited with XMLSPY v2004 rel. 4 U (http://www.xmlspy.com) by William A
Rudick (Enablinx Corporation) -->
- <definitions xmlns: http="http://schemas.xmlsoap.org/wsdl/http/"
  xmlns: soap="http://schemas.xmlsoap.org/wsdl/soap/"
  xmlns: s="http://www.w3.org/2001/XMLSchema" xmlns: s0="urn:JurisLookup"
  xmlns: soapenc="http://schemas.xmlsoap.org/soap/encoding/"
  xmlns: tm="http://microsoft.com/wsdl/mime/textMatching/"
  xmlns: mime="http://schemas.xmlsoap.org/wsdl/mime/"
  xmlns="http://schemas.xmlsoap.org/wsdl/" targetNamespace="urn:JurisLookup"
  name="JurisLookup">
- <types>
- <s:schema xmlns="http://www.w3.org/2001/XMLSchema"
  targetNamespace="urn:JurisLookup">
- <s:complexType name="TLookUpResults">
- <s:all>
  <s:element name="intReturnCode" type="s:int" />
  <s:element name="strReturnShortDesc" type="s:string" />
  <s:element name="strConfirmationNum" type="s:string" />
  <s:element name="strEventTimeStamp" type="s:string" />
  <s:element name="FIPSRecordList"
    type="s0:TArrayOfFIPSRecord" />
  </s:all>
</s:complexType>
- <s:complexType name="TArrayOfFIPSRecord">
- <s:complexContent mixed="false">
- <s:restriction base="soapenc:Array">
  <s:attribute d7p1:arrayType="s0:TFIPSRecord[]"
    ref="soapenc:arrayType"
    xmlns:d7p1="http://schemas.xmlsoap.org/wsdl/" />
  </s:restriction>
</s:complexContent>
</s:complexType>
- <s:complexType name="TFIPSRecord">
- <s:all>
  <s:element name="intState" type="s:int" />
  <s:element name="strJurisdictionType" type="s:string" />
  <s:element name="strCompositeSER" type="s:string" />
  <s:element name="intJurisdictionFIPS" type="s:int" />
  <s:element name="strGeneralTaxRateIntrastate"
    type="s:string" />
  <s:element name="strGeneralTaxRateInterstate"
    type="s:string" />
  <s:element name="strFoodDrugTaxRateIntrastate"
    type="s:string" />
  <s:element name="strFoodDrugTaxRateInterstate"
    type="s:string" />
  </s:all>
</s:complexType>
</s:schema>
</types>
- <message name="GetFIPSBy9ZipOnly">
  <part name="intZipCode" type="s:int" />
  <part name="intZipPlus" type="s:int" />
  <part name="dtPaymentDate" type="s:date" />

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</message>
- <message name="GetFIPsBy9ZipOnlyResponse">
  <part name="LookUpResults" type="s0:TLookUpResults" />
</message>
- <message name="GetFIPsBy5ZipOnly">
  <part name="intZipCode" type="s:int" />
  <part name="dtPaymentDate" type="s:date" />
</message>
- <message name="GetFIPsBy5ZipOnlyResponse">
  <part name="LookUpResults" type="s0:TLookUpResults" />
</message>
- <message name="GetFIPsByAddress">
  <part name="intAddress" type="s:int" />
  <part name="strStreetPreDirection" type="s:string" />
  <part name="strStreetName" type="s:string" />
  <part name="strStreetSuffix" type="s:string" />
  <part name="strStreetPostDirection" type="s:string" />
  <part name="strCityName" type="s:string" />
  <part name="intZipCode" type="s:int" />
  <part name="intZipPlus" type="s:int" />
  <part name="dtPaymentDate" type="s:date" />
</message>
- <message name="GetFIPsByAddressResponse">
  <part name="LookUpResults" type="s0:TLookUpResults" />
</message>
- <message name="GetFIPsByAddress2">
  <part name="strAddress" type="s:string" />
  <part name="strCityName" type="s:string" />
  <part name="intZipCode" type="s:int" />
  <part name="intZipPlus" type="s:int" />
  <part name="dtPaymentDate" type="s:date" />
</message>
- <message name="GetFIPsByAddress2Response">
  <part name="LookUpResults" type="s0:TLookUpResults" />
</message>
- <portType name="JurisdictionLookupPort">
  - <operation name="GetFIPsBy9ZipOnly">
    <documentation>Returns a a dataset containing rate information for a 9
      digit zip code.</documentation>
    <input message="s0:GetFIPsBy9ZipOnly" />
    <output message="s0:GetFIPsBy9ZipOnlyResponse" />
  </operation>
  - <operation name="GetFIPsBy5ZipOnly">
    <documentation>Returns a a dataset containing rate information for a 5
      digit zip code.</documentation>
    <input message="s0:GetFIPsBy5ZipOnly" />
    <output message="s0:GetFIPsBy5ZipOnlyResponse" />
  </operation>
  - <operation name="GetFIPsByAddress">
    <documentation>Returns a a dataset containing rate information for an
      address.</documentation>
    <input message="s0:GetFIPsByAddress" />
    <output message="s0:GetFIPsByAddressResponse" />
  </operation>

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- <operation name="GetFIPByAddress2">
  <documentation>Returns a a dataset containing rate information for an
  address.</documentation>
  <input message="s0:GetFIPByAddress2" />
  <output message="s0:GetFIPByAddress2Response" />
</operation>
</portType>
- <binding name="JurisdictionLookupBinding" type="s0:JurisdictionLookupPort">
  <soap:binding style="rpc"
  transport="http://schemas.xmlsoap.org/soap/http" />
- <operation name="GetFIPBy9ZipOnly">
  <soap:operation soapAction="" />
- <input>
  <soap:body use="encoded"
  encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
  namespace="urn:JurisLookup" />
</input>
- <output>
  <soap:body use="encoded"
  encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
  namespace="urn:JurisLookup" />
</output>
</operation>
- <operation name="GetFIPBy5ZipOnly">
  <soap:operation soapAction="" />
- <input>
  <soap:body use="encoded"
  encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
  namespace="urn:JurisLookup" />
</input>
- <output>
  <soap:body use="encoded"
  encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
  namespace="urn:JurisLookup" />
</output>
</operation>
- <operation name="GetFIPByAddress">
  <soap:operation soapAction="" />
- <input>
  <soap:body use="encoded"
  encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
  namespace="urn:JurisLookup" />
</input>
- <output>
  <soap:body use="encoded"
  encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
  namespace="urn:JurisLookup" />
</output>
</operation>
- <operation name="GetFIPByAddress2">
  <soap:operation soapAction="" />
- <input>
  <soap:body use="encoded"
  encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
  namespace="urn:JurisLookup" />

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</input>
- <output>
  <soap:body use="encoded"
    encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
    namespace="urn:JurisLookup" />
</output>
</operation>
</binding>
- <service name="JurisdictionLookupService">
  <documentation>This web service receives an input address and returns a
    normalized address and associated geo coordinates.</documentation>
  - <port name="JurisdictionLookupPort"
    binding="s0:JurisdictionLookupBinding">
    <soap:address location="http://www.taxwatch.biz/cgi-
      bin/Kansas/KansasSSTP_Cgi.exe/Soap/JurisdictionLookupPort" />
    </port>
  </service>
</definitions>
```