

## CDYNE Demographics Web Service

Version 2.1

**WSDL:** <http://ws.cdyne.com/DemographixWS/DemographixQuery.asmx?wsdl>

**Testing URL:** <http://ws.cdyne.com/DemographixWS/DemographixQuery.asmx>

**Developer Resources:** <http://wiki.cdyne.com/index.php/Demographics>

**Product Web Page:** <http://www.cdyne.com/products/demographics.aspx>

**Description:** Utilize this XML Web Service to return neighborhood-level data at point of entry or in batches run from user systems. CDYNE Demographics, a full-featured statistical resource, instantaneously returns enhanced neighborhood-level census data – such as gender, ethnicity, type of residence, median income, median house value, or median number of vehicles – as an add-on to databases, Web sites, or software applications.

This service can easily be built into sales, marketing, or even collections and accounts receivable management software. CDYNE provides samples, development information, and support to aid in the implementation of Demographics.

**“GetSummaryInformationByPlaceID” returns the best general information about a particular area. Advanced features are available below to get more in-depth information.**

**Required License Information:** The *LicenseKey* parameter that is seen in most operations of this Web Service is required to authenticate users invoking this Web Service. You must obtain a valid License Key. You can sign up for this service by using the ‘Buy Now’ button located on the Product Web Page (see link at top of page) or by contacting CDYNE for a limited Trial License Key.

EXAMPLE:

Licensing parameter seen in numerous operations	Sample Input
LicenseKey	F01d89fd-5155-5455-5585-e84ab8de8591

**Operations:**

- GetIncomeHouseValueByAddress
- GetLocationInformationByAddress
- GetLocationInformationByLatitudeLongitude
- GetNeighborhoodAgeGenderFemaleInDataset
- GetNeighborhoodAgeGenderMaleInDataset
- GetNeighborhoodAgeInDataset
- GetNeighborhoodLinguisticIsolation
- GetNeighborhoodPlaceofBirthbyCitizenshipStatusInDataset
- GetNeighborhoodRealityValueInDataset
- GetNeighborhoodVehiclesPerHouseholdInDataset
- GetNeighborhoodYearStructuresBuilt
- GetPlaceIDbyAddress
- GetPlaceIDbyCensusTractAndBlock
- GetSummaryInformationByPlaceID
- GetVersion

▼ **GetIncomeHouseValueByAddress**

Operation: GetIncomeHouseValueByAddress Input		
Parameter Name:	Data Type	Sample Input
<b>AddressLine1:</b> Input address.	<i>String</i>	2125 Smith Ave
<b>City:</b> Input City.	<i>String</i>	Chesapeake
<b>StateAbbrev:</b> Input State abbreviation.	<i>String</i>	VA
<b>ZipCode:</b> Input ZIP Code.	<i>String</i>	23320
<b>LicenseKey:</b> See page 1 for more info.	<i>String</i>	F01d89fd-5155-5455-5585-e84ab8de8591

Operation: GetIncomeHouseValueByAddress Output		
Parameter Name:	Data Type	Sample Output
<b>PlaceInformation/StateAbbrev:</b> Returns State abbreviation.	<i>String</i>	VA
<b>PlaceInformation/PlaceID:</b> Returns Place ID assigned by Census.	<i>Integer</i>	0018442
<b>PlaceInformation/Rural:</b> Returns first name. (if available)	<i>String</i>	False
<b>Error:</b> Returns true or false if an error in search.	<i>Boolean</i>	False
<b>ErrorString:</b> Returns any errors in input data.	<i>String</i>	No Error
<b>MedianIncome:</b> Returns average income.	<i>String</i>	61050
<b>MedianHouseValue:</b> Returns average house value.	<i>String</i>	206400

▼ **GetLocationInformationByAddress**

Operation: GetLocationInformationByAddress Input		
Parameter Name:	Data Type	Sample Input
<b>AddressLine1:</b> Input address.	<i>String</i>	2125 Smith Ave
<b>City:</b> Input City.	<i>String</i>	Chesapeake
<b>StateAbbrev:</b> Input State abbreviation.	<i>String</i>	VA
<b>ZipCode:</b> Input ZIP Code.	<i>String</i>	23320
<b>LicenseKey:</b> See page 1 for more info.	<i>String</i>	F01d89fd-5155-5455-5585-e84ab8de8591

Operation: GetLocationInformationByAddress Output		
Parameter Name:	Data Type	Sample Output
<b>PlaceInformation/StateAbbrev:</b> Returns State abbreviation.	<i>String</i>	VA
<b>PlaceInformation/PlaceID:</b> Returns Place ID assigned by Census.	<i>Integer</i>	0018442
<b>PlaceInformation/Rural:</b> Returns true or false if area is rural.	<i>Boolean</i>	False
<b>Error:</b> Returns true or false if an error in search.	<i>Boolean</i>	False
<b>ErrorString:</b> Returns any errors in input data.	<i>String</i>	No Error
<b>MedianAge:</b> Returns average age for address.	<i>UnsignedByte</i>	39
<b>MedianIncome:</b> Returns average income for address.	<i>Integer</i>	61050
<b>MedianRoomsInHouse:</b> Returns average number of rooms.	<i>UnsignedByte</i>	7
<b>MedianHouseValue:</b> Returns average house value.	<i>Integer</i>	206400
<b>MedianVehicles:</b> Returns average number of vehicles.	<i>UnsignedByte</i>	2
<b>MaritalStatusPercentages/NeverMarried:</b> Returns percentage never married.	<i>Decimal</i>	20.20
<b>MaritalStatusPercentages/Married:</b> Returns percentage married.	<i>Decimal</i>	35.83
<b>MaritalStatusPercentages/Separated:</b> Returns percentage separated.	<i>Decimal</i>	4.19
<b>MaritalStatusPercentages/MarriedOther:</b> Returns percentage MarriedOther.	<i>Decimal</i>	19.06
<b>MaritalStatusPercentages/Widowed:</b> Returns percentage widowed.	<i>Decimal</i>	3.68
<b>MaritalStatusPercentages/Divorced:</b> Returns percentage divorced.	<i>Decimal</i>	17.03
<b>RacePercentages/Asian:</b> Returns percentage Asian.	<i>Decimal</i>	0
<b>RacePercentages/Black:</b> Returns percentage Black.	<i>Decimal</i>	35.02
<b>RacePercentages/Indian:</b> Returns percentage Indian.	<i>Decimal</i>	0

<b>RacePercentages/Mixed:</b> Returns percentage mixed race.	<i>Decimal</i>	3.08
<b>RacePercentages/NativeHawaiian:</b> Returns percentage NativeHawaiian.	<i>Decimal</i>	0.77
<b>RacePercentages/Other:</b> Returns percentage other.	<i>Decimal</i>	0
<b>RacePercentages/White:</b> Returns percentage White.	<i>Decimal</i>	61.12
<b>GenderPercentages/Female:</b> Returns percentage female.	<i>Decimal</i>	57.93
<b>GenderPercentages/Male:</b> Returns percentage male.	<i>Decimal</i>	42.07

▼ **GetLocationInformationByLatitudeLongitude**

<b>Operation: GetLocationInformationByLatitudeLongitude Input</b>		
Parameter Name:	Data Type	Sample Input
<b>Latitude:</b> Input Latitude of location.	<i>Decimal</i>	
<b>Longitude:</b> Input Longitude of location.	<i>Decimal</i>	
<b>LicenseKey:</b> See page 1 for more info.	<i>String</i>	F01d89fd-5155-5455-5585-e84ab8de8591

<b>Operation: GetLocationInformationByLatitudeLongitude Output</b>		
Parameter Name:	Data Type	Sample Output
<b>PlaceInformation/StateAbbrev:</b> Returns State abbreviation.	<i>String</i>	VA
<b>PlaceInformation/PlaceID:</b> Returns place ID assigned by Census.	<i>Integer</i>	0018442
<b>PlaceInformation/Rural:</b> Returns true or false if area is rural.	<i>Boolean</i>	False
<b>Error:</b> Returns true or false if an error in search.	<i>Boolean</i>	False
<b>ErrorString:</b> Returns any errors in input data.	<i>String</i>	No Error
<b>MedianAge:</b> Returns average age for address.	<i>UnsignedByte</i>	39
<b>MedianIncome:</b> Returns average income for address.	<i>Integer</i>	61050
<b>MedianRoomsInHouse:</b> Returns average number of rooms.	<i>UnsignedByte</i>	7
<b>MedianHouseValue:</b> Returns average house value.	<i>Integer</i>	206400
<b>MedianVehicles:</b> Average number of vehicles.	<i>UnsignedByte</i>	2
<b>MaritalStatusPercentages/NeverMarried:</b> Returns percentage never married.	<i>Decimal</i>	20.20
<b>MaritalStatusPercentages/Married:</b> Returns percentage married.	<i>Decimal</i>	35.83
<b>MaritalStatusPercentages/Separated:</b> Returns percentage separated.	<i>Decimal</i>	4.19

<b>MaritalStatusPercentages/MarriedOther:</b> Returns percentage MarriedOther.	<i>Decimal</i>	19.06
<b>MaritalStatusPercentages/Widowed:</b> Returns percentage widowed.	<i>Decimal</i>	3.68
<b>MaritalStatusPercentages/Divorced:</b> Returns percentage divorced.	<i>Decimal</i>	17.03
<b>RacePercentages/Asian:</b> Returns percentage Asian.	<i>Decimal</i>	0
<b>RacePercentages/Black:</b> Returns percentage Black.	<i>Decimal</i>	35.02
<b>RacePercentages/Indian:</b> Returns percentage Indian.	<i>Decimal</i>	0
<b>RacePercentages/Mixed:</b> Returns percentage mixed race.	<i>Decimal</i>	3.08
<b>RacePercentages/NativeHawaiian:</b> Returns percentage NativeHawaiian.	<i>Decimal</i>	0.77
<b>RacePercentages/Other:</b> Returns percentage other.	<i>Decimal</i>	0
<b>RacePercentages/White:</b> Returns percentage White.	<i>Decimal</i>	61.12
<b>GenderPercentages/Female:</b> Returns percentage female.	<i>Decimal</i>	57.93
<b>GenderPercentages/Male:</b> Returns percentage male.	<i>Decimal</i>	42.07

▼ **GetNeighborhoodAgeGenderFemaleInDataSet**

<b>Operation: GetNeighborhoodAgeGenderFemaleInDataSet Input</b>		
Parameter Name:	Data Type	Sample Input
<b>StateAbbrev:</b> Input State abbreviation.	<i>String</i>	VA
<b>PlaceID:</b> Input City to search.	<i>String</i>	0018442

<b>Operation: GetNeighborhoodAgeGenderFemaleInDataSet Output</b>		
Parameter Name:	Data Type	Sample Output
<b>Schema:</b> Returns XML schema. <i>XML</i>		Schema
<b>Table:</b> Returns table of information. <i>String</i>		Table 1
<b>Population:</b> Returns first name. (if available)	<i>String</i>	908
<b>UnderOne:</b> Returns # of females under age 1.	<i>Integer</i>	0
<b>One:</b> Returns # of females at age 1.	<i>Integer</i>	20
<b>Two:</b> Returns # of females at age 2.	<i>Integer</i>	0
<b>Three:</b> Returns # of females at age 3.	<i>Integer</i>	0
<b>Four:</b> Returns # of females at age 4.	<i>Integer</i>	0
<b>Five:</b> Returns # of females at age 5.	<i>Integer</i>	0
<b>Six:</b> Returns # of females at age 6.	<i>Integer</i>	8
<b>Seven:</b> Returns # of females at age 7.	<i>Integer</i>	0
<b>Eight:</b> Returns # of females at age 8.	<i>Integer</i>	0
<b>Nine:</b> Returns # of females at age 9.	<i>Integer</i>	0
<b>Ten:</b> Returns # of females at age 10.	<i>Integer</i>	0
<b>Eleven:</b> Returns # of females at age 11.	<i>Integer</i>	7

<b>Twelve:</b> Returns # of females at age 12.	<i>Integer</i>	7
<b>Thirteen:</b> Returns # of females at age 13.	<i>Integer</i>	0
<b>Fourteen:</b> Returns # of females at age 14.	<i>Integer</i>	0
<b>Fifteen:</b> Returns # of females at age 15.	<i>Integer</i>	0
<b>Sixteen:</b> Returns # of females at age 16.	<i>Integer</i>	0
<b>Seventeen:</b> Returns # of females at age 17.	<i>Integer</i>	15
<b>Eighteen:</b> Returns # of females at age 18.	<i>Integer</i>	35
<b>Nineteen:</b> Returns # of females at age 19.	<i>Integer</i>	0
<b>Twenty:</b> Returns # of females at age 20.	<i>Integer</i>	0
<b>TwentyOne:</b> Returns # of females at age 21.	<i>Integer</i>	0
<b>TwentyTwo_Four:</b> Returns # of females between ages 22 and 24.	<i>Integer</i>	8
<b>TwentyFive_Nine:</b> Returns # of females between ages 25 and 29.	<i>Integer</i>	45
<b>Thirty_Four:</b> Returns # of females between ages 30 and 34.	<i>Integer</i>	27
<b>ThirtyFive_Nine:</b> Returns # of females between ages 35 and 39.	<i>Integer</i>	58
<b>Forty_Four:</b> Returns # of females between ages 40 and 44.	<i>Integer</i>	34
<b>FortyFive_Nine:</b> Returns # of females between ages 45 and 49.	<i>Integer</i>	48
<b>Fifty_Four:</b> Returns # of females between ages 50 and 54.	<i>Integer</i>	18
<b>FiftyFive_Nine:</b> Returns # of females between ages 55 and 59.	<i>Integer</i>	11
<b>SixtyTwo_Four:</b> Returns # of females between ages 62 and 64.	<i>Integer</i>	21
<b>SixtyFive_Six:</b> Returns # of females between ages 65 and 66.	<i>Integer</i>	7
<b>SixtySeven_Nine:</b> Returns # of females between ages 67 and 69.	<i>Integer</i>	0
<b>Seventy_Four:</b> Returns # of females between ages 70 and 74.	<i>Integer</i>	13
<b>SeventyFive_Nine:</b> Returns # of females between ages 75 and 79.	<i>Integer</i>	0
<b>Eighty_Four:</b> Returns # of females between ages 80 and 84.	<i>Integer</i>	0
<b>EightyFive_Over:</b> Returns # of females at ages 85 and over.	<i>Integer</i>	0

▼ **GetNeighborhoodAgeGenderMaleInDataSet**

<b>Operation: GetNeighborhoodAgeGenderMaleInDataSet Input</b>		
Parameter Name:	Data Type	Sample Input

<b>StateAbbrev:</b> Input State abbreviation.	<i>String</i>	VA
<b>PlaceID:</b> Input City to search.	<i>String</i>	0018442

<b>Operation: GetNeighborhoodAgeGenderMaleInDataSet Output</b>		
Parameter Name:	Data Type	Sample Output
<b>Schema:</b> Returns XML schema. <i>XML</i>		Schema
<b>Table:</b> Returns table of information.	<i>String</i>	Table 1
<b>Population:</b> Returns first name. (if available)	<i>String</i>	908
<b>UnderOne:</b> Returns # of males under age 1.	<i>Integer</i>	5
<b>One:</b> Returns # of males at age 1.	<i>Integer</i>	18
<b>Two:</b> Returns # of males at age 2.	<i>Integer</i>	0
<b>Three:</b> Returns # of males at age 3.	<i>Integer</i>	0
<b>Four:</b> Returns # of males at age 4.	<i>Integer</i>	20
<b>Five:</b> Returns # of males at age 5.	<i>Integer</i>	0
<b>Six:</b> Returns # of males at age 6.	<i>Integer</i>	0
<b>Seven:</b> Returns # of males at age 7.	<i>Integer</i>	0
<b>Eight:</b> Returns # of males at age 8.	<i>Integer</i>	0
<b>Nine:</b> Returns # of males at age 9.	<i>Integer</i>	18
<b>Ten:</b> Returns # of males at age 10.	<i>Integer</i>	9
<b>Eleven:</b> Returns # of males at age 11.	<i>Integer</i>	0
<b>Twelve:</b> Returns # of males at age 12.	<i>Integer</i>	0
<b>Thirteen:</b> Returns # of males at age 13.	<i>Integer</i>	9
<b>Fourteen:</b> Returns # of males at age 14.	<i>Integer</i>	0
<b>Fifteen:</b> Returns # of males at age 15.	<i>Integer</i>	0
<b>Sixteen:</b> Returns # of males at age 16.	<i>Integer</i>	0
<b>Seventeen:</b> Returns # of males at age 17.	<i>Integer</i>	19
<b>Eighteen:</b> Returns # of males at age 18.	<i>Integer</i>	8
<b>Nineteen:</b> Returns # of males at age 19.	<i>Integer</i>	0
<b>Twenty:</b> Returns # of males at age 20.	<i>Integer</i>	0
<b>TwentyOne:</b> Returns # of males at age 21.	<i>Integer</i>	7
<b>TwentyTwo_Four:</b> Returns # of males between ages 22 and 24.	<i>Integer</i>	79
<b>TwentyFive_Nine:</b> Returns # of males between ages 25 and 29.	<i>Integer</i>	52
<b>Thirty_Four:</b> Returns # of males between ages 30 and 34.	<i>Integer</i>	34
<b>ThirtyFive_Nine:</b> Returns # of males between ages 35 and 39.	<i>Integer</i>	99
<b>Forty_Four:</b> Returns # of males between ages 40 and 44.	<i>Integer</i>	30
<b>FortyFive_Nine:</b> Returns # of males between ages 45 and 49.	<i>Integer</i>	23
<b>Fifty_Four:</b> Returns # of males between ages of 50 and 54.	<i>Integer</i>	41



<b>FiftyFive_Nine:</b> Returns # of males between ages 55 and 59.	<i>Integer</i>	10
<b>SixtyTwo_Four:</b> Returns # of males between ages 62 and 64.	<i>Integer</i>	8
<b>SixtyFive_Six:</b> Returns # of males between ages 65 and 66.	<i>Integer</i>	0
<b>SixtySeven_Nine:</b> Returns # of males between ages 67 and 69.	<i>Integer</i>	7
<b>Seventy_Four:</b> Returns # of males between ages 70 and 74.	<i>Integer</i>	17
<b>SeventyFive_Nine:</b> Returns # of males between ages 75 and 79.	<i>Integer</i>	0
<b>Eighty_Four:</b> Returns # of males between ages 80 and 84.	<i>Integer</i>	13
<b>EightyFive_Over:</b> Returns # of males at ages 85 and over.	<i>Integer</i>	0

▼ **GetNeighborhoodAgeInDataSet**

<b>Operation: GetNeighborhoodAgeInDataSet Input</b>		
Parameter Name:	Data Type	Sample Input
<b>StateAbbrev:</b> Input State abbreviation.	<i>String</i>	VA
<b>PlaceID:</b> Input City to search.	<i>String</i>	0018442

<b>Operation: GetNeighborhoodAgeInDataSet Output</b>		
Parameter Name:	Data Type	Sample Output
<b>Schema:</b> Returns XML schema. <i>XML</i>		Schema
<b>Table:</b> Returns table of information.	<i>String</i>	Table 1
<b>Population:</b> Returns first name (if available).	<i>String</i>	908
<b>UnderOne:</b> Returns # of people under age 1.	<i>Integer</i>	5
<b>One:</b> Returns # of people at age 1.	<i>Integer</i>	38
<b>Two:</b> Returns # of people at age 2.	<i>Integer</i>	0
<b>Three:</b> Returns # of people at age 3.	<i>Integer</i>	0
<b>Four:</b> Returns # of people at age 4.	<i>Integer</i>	20
<b>Five:</b> Returns # of people at age 5.	<i>Integer</i>	0
<b>Six:</b> Returns # of people at age 6.	<i>Integer</i>	8
<b>Seven:</b> Returns # of people at age 7.	<i>Integer</i>	0
<b>Eight:</b> Returns # of people at age 8.	<i>Integer</i>	0
<b>Nine:</b> Returns # of people at age 9.	<i>Integer</i>	18
<b>Ten:</b> Returns # of people at age 10.	<i>Integer</i>	9
<b>Eleven:</b> Returns # of people at age 11.	<i>Integer</i>	7
<b>Twelve:</b> Returns # of people at age 12.	<i>Integer</i>	7
<b>Thirteen:</b> Returns # of people at age 13.	<i>Integer</i>	9
<b>Fourteen:</b> Returns # of people at age 14.	<i>Integer</i>	0



<b>Fifteen:</b> Returns # of people at age 15.	<i>Integer</i>	0
<b>Sixteen:</b> Returns # of people at age 16.	<i>Integer</i>	0
<b>Seventeen:</b> Returns # of people at age 17.	<i>Integer</i>	34
<b>Eighteen:</b> Returns # of people at age 18.	<i>Integer</i>	43
<b>Nineteen:</b> Returns # of people at age 19.	<i>Integer</i>	0
<b>Twenty:</b> Returns # of people at age 20.	<i>Integer</i>	0
<b>TwentyOne:</b> Returns # of people at age 21.	<i>Integer</i>	7
<b>TwentyTwo_Four:</b> Returns # of people between ages 22 and 24.	<i>Integer</i>	87
<b>TwentyFive_Nine:</b> Returns # of people between ages 25 and 29.	<i>Integer</i>	97
<b>Thirty_Four:</b> Returns # of people between ages 30 and 34.	<i>Integer</i>	61
<b>ThirtyFive_Nine:</b> Returns # of people between ages 35 and 39.	<i>Integer</i>	157
<b>Forty_Four:</b> Returns # of people between ages 40 and 44.	<i>Integer</i>	64
<b>FortyFive_Nine:</b> Returns # of people between ages 45 and 49.	<i>Integer</i>	71
<b>Fifty_Four:</b> Returns # of people between ages 50 and 54.	<i>Integer</i>	59
<b>FiftyFive_Nine:</b> Returns # of people between ages 55 and 59.	<i>Integer</i>	21
<b>SixtyTwo_Four:</b> Returns # of people between ages 62 and 64.	<i>Integer</i>	29
<b>SixtyFive_Six:</b> Returns # of people between the ages of 65 and 66.	<i>Integer</i>	7
<b>SixtySeven_Nine:</b> Returns # of people between the ages of 67 and 69.	<i>Integer</i>	7
<b>Seventy_Four:</b> Returns # of people between the ages of 70 and 74.	<i>Integer</i>	30
<b>SeventyFive_Nine:</b> Returns # of people between ages 75 and 79.	<i>Integer</i>	0
<b>Eighty_Four:</b> Returns # of people between ages 80 and 84.	<i>Integer</i>	13
<b>EightyFive_Over:</b> Returns # of people at ages 85 and over.	<i>Integer</i>	0

▼ **GetNeighborhoodLinguisticIsolation**

<b>Operation: GetNeighborhoodLinguisticIsolation Input</b>		
Parameter Name:	Data Type	Sample Input
<b>StateAbbrev:</b> Input State abbreviation.	<i>String</i>	VA
<b>PlaceID:</b> Input City to search.	<i>String</i>	0018442

Operation: GetNeighborhoodAgeInDataSet Output		
Parameter Name:	Data Type	Sample Output
<b>Schema:</b> Returns XML schema. <i>XML</i>		Schema
<b>Table:</b> Returns table of information.		Table 1
<b>Population:</b> Returns first name. (if available)	<i>String</i>	262
<b>English_Total:</b> Returns #of English speaking residents.	<i>Integer</i>	246
<b>Spanish_Total:</b> Returns # of Spanish speaking residents.	<i>Integer</i>	8
<b>Spanish_Isolated:</b> Returns # of Isolated Spanish speaking residents.	<i>Integer</i>	0
<b>Spanish_NotIsolated:</b> Returns # of NonIsolated Spanish speaking residents.	<i>Integer</i>	8
<b>OtherIndo_European_Total:</b> Returns # of Other European language speaking residents.	<i>Integer</i>	8
<b>OtherIndo_European_Isolated:</b> Returns # of Other European language isolated speaking residents.	<i>Integer</i>	0
<b>OtherIndo_European_NotIsolated:</b> Returns # of Other European language NonIsolated speaking residents.	<i>Integer</i>	8
<b>AsianPacificIsland_Total:</b> Returns # of Asian Pacific Island language speaking residents.	<i>Integer</i>	0
<b>AsianPacificIsland_Isolated:</b> Returns # of Asian Pacific Island language Isolated speaking residents.	<i>Integer</i>	0
<b>AsianPacificIsland_NotIsolated:</b> Returns # of Asian Pacific Island language NonIsolated speaking residents.	<i>Integer</i>	0
<b>OtherLanguages_Total:</b> Returns # of residents speaking other languages.	<i>Integer</i>	0
<b>OtherLanguages_Isolated:</b> Returns # of Isolated residents speaking other languages.	<i>Integer</i>	0
<b>OtherLanguages_NotIsolated:</b> Returns # of NonIsolated residents speaking other languages.	<i>Integer</i>	0

▼ **GetNeighborhoodPlaceofBirthbyCitizenshipStatusInDataset**

Operation: GetNeighborhoodPlaceofBirthbyCitizenshipStatusInDataset Input		
Parameter Name:	Data Type	Sample Input
<b>StateAbbrev:</b> Input State abbreviation.	<i>String</i>	VA
<b>PlaceID:</b> Input City to search.	<i>String</i>	0018442

**Operation: GetNeighborhoodPlaceofBirthbyCitizenshipStatusInDataset Output**

Parameter Name:	Data Type	Sample Output
<b>Schema:</b> Returns XML schema. <i>XML</i>		Schema
<b>Table:</b> Returns table of information.	<i>String</i>	Table 1
<b>Population:</b> Returns first name. (if available)	<i>String</i>	908
<b>UnderOne:</b> Returns # of people under age 1.	<i>Integer</i>	5
<b>One:</b> Returns # of people at age 1.	<i>Integer</i>	38
<b>Two:</b> Returns # of people at age 2.	<i>Integer</i>	0
<b>Three:</b> Returns # of people at age 3.	<i>Integer</i>	0
<b>Four:</b> Returns # of people at age 4.	<i>Integer</i>	20
<b>Five:</b> Returns # of people at age 5.	<i>Integer</i>	0
<b>Six:</b> Returns # of people at age 6.	<i>Integer</i>	8
<b>Seven:</b> Returns # of people at age 7.	<i>Integer</i>	0
<b>Eight:</b> Returns # of people at age 8.	<i>Integer</i>	0
<b>Nine:</b> Returns # of people at age 9.	<i>Integer</i>	18
<b>Ten:</b> Returns # of people at age 10.	<i>Integer</i>	9
<b>Eleven:</b> Returns # of people at age 11.	<i>Integer</i>	7
<b>Twelve:</b> Returns # of people at age 12.	<i>Integer</i>	7
<b>Thirteen:</b> Returns # of people at age 13.	<i>Integer</i>	9
<b>Fourteen:</b> Returns # of people at age 14.	<i>Integer</i>	0
<b>Fifteen:</b> Returns # of people at age 15.	<i>Integer</i>	0
<b>Sixteen:</b> Returns # of people at age 16.	<i>Integer</i>	0
<b>Seventeen:</b> Returns # of people at age 17.	<i>Integer</i>	34
<b>Eighteen:</b> Returns # of people at age 18.	<i>Integer</i>	43
<b>Nineteen:</b> Returns # of people at age 19.	<i>Integer</i>	0
<b>Twenty:</b> Returns # of people at age 20.	<i>Integer</i>	0
<b>TwentyOne:</b> Returns # of people at age 21.	<i>Integer</i>	7
<b>TwentyTwo_Four:</b> Returns # of people between ages 22 and 24.	<i>Integer</i>	87
<b>TwentyFive_Nine:</b> Returns # of people between ages 25 and 29.	<i>Integer</i>	97
<b>Thirty_Four:</b> Returns # of people between ages 30 and 34.	<i>Integer</i>	61
<b>ThirtyFive_Nine:</b> Returns # of people between ages 35 and 39.	<i>Integer</i>	157
<b>Forty_Four:</b> Returns # of people between ages 40 and 44.	<i>Integer</i>	64
<b>FortyFive_Nine:</b> Returns # of people between ages 45 and 49.	<i>Integer</i>	71
<b>Fifty_Four:</b> Returns # of people between ages 50 and 54.	<i>Integer</i>	59
<b>FiftyFive_Nine:</b> Returns # of people between ages 55 and 59.	<i>Integer</i>	21
<b>SixtyTwo_Four:</b> Returns # of people between ages 62 and 64.	<i>Integer</i>	29
<b>SixtyFive_Six:</b> Returns # of people between ages 65	<i>Integer</i>	7

and 66.		
<b>SixtySeven_Nine:</b> Returns # of people between ages 67 and 69.	<i>Integer</i>	7
<b>Seventy_Four:</b> Returns # of people between ages 70 and 74.	<i>Integer</i>	30
<b>SeventyFive_Nine:</b> Returns # of people between ages 75 and 79.	<i>Integer</i>	0
<b>Eighty_Four:</b> Returns # of people between ages 80 and 84.	<i>Integer</i>	13
<b>EightyFive_Over:</b> Returns # of people at ages 85 and over.	<i>Integer</i>	0

▼ **GetNeighborhoodRealtyValueInDataset**

<b>Operation: GetNeighborhoodRealtyValueInDataset Input</b>		
Parameter Name:	Data Type	Sample Input
<b>StateAbbrev:</b> Input State abbreviation.	<i>String</i>	VA
<b>PlaceID:</b> Input City to search.	<i>String</i>	0018442

<b>Operation: GetNeighborhoodRealtyValueInDataset Output</b>		
Parameter Name:	Data Type	Sample Output
<b>Error:</b> Returns true or false if an error with search.	<i>Boolean</i>	False
<b>ErrorString:</b> Returns if an error with input values.	<i>String</i>	No Error
<b>Schema:</b> Returns XML schema.		Schema
<b>Table:</b> Returns table of information.		Table 1
<b>Population:</b> Returns the population.	<i>String</i>	208
<b>Under10K:</b> Returns # of houses worth under \$10,000.	<i>Integer</i>	0
<b>Ten_FourteenNine:</b> Returns # of houses worth between 10K and 14,999.	<i>Integer</i>	0
<b>Fifteen_NineteenNine:</b> Returns # of houses worth between 15K and 19,999.	<i>Integer</i>	0
<b>Twenty_TwentyFourNine:</b> Returns # of houses worth between 20K and 24,999.	<i>Integer</i>	0
<b>TwentyFive_TwentyNineNine:</b> Returns # of houses worth between 25K and 29,999.	<i>Integer</i>	0
<b>Thirty_ThirtyFourNine:</b> Returns # of houses worth between 30K and 34,999.	<i>Integer</i>	0
<b>ThirtyFive_ThirtyNineNine:</b> Returns # of houses worth between 35K and 39,999.	<i>Integer</i>	0
<b>Forty_FortyNineNine:</b> Returns # of houses worth between 40K and 49,999.	<i>Integer</i>	0
<b>Fifty_FiftyNineNine:</b> Returns # of houses worth between 50K and 59,999.	<i>Integer</i>	0
<b>Sixty_SixtyNineNine:</b> Returns # of houses worth	<i>Integer</i>	0

between 60K and 69,999.		
<b>Seventy_SeventyNineNine:</b> Returns # of houses worth between 70K and 79,999.	<i>Integer</i>	39
<b>Eighty_EightyNineNine:</b> Returns # of houses worth between 80K and 89,999.	<i>Integer</i>	16
<b>Ninety_NinetyNineNine:</b> Returns # of houses worth between 90K and 99,999.	<i>Integer</i>	35
<b>OneHundred_OneTwentyFourNineNine:</b> Returns # of houses worth between 100K and 124,999.	<i>Integer</i>	111
<b>OneTwentyFive_OneFortyNineNine:</b> Returns # of houses worth between 125K and 149,999.	<i>Integer</i>	7
<b>OneFifty_OneSeventyFourNine:</b> Returns # of houses worth between 150K and 174,999.	<i>Integer</i>	0
<b>OneSeventyFive_OneNinetyNineNine:</b> Returns # of houses worth between 175K and 199,999.	<i>Integer</i>	0
<b>TwoHundred_TwoFortyNineNine:</b> Returns # of houses worth between 200K and 249,999.	<i>Integer</i>	0
<b>TwoFifty_TwoNinetyNineNine:</b> Returns # of houses worth between 250K and 299,999.	<i>Integer</i>	0
<b>ThreeHundred_ThreeNinetyNineNine:</b> Returns # of houses worth between 300K and 399,999.	<i>Integer</i>	0
<b>FourHundred_FourNinetyNineNine:</b> Returns # of houses worth between 400K and 499,999.	<i>Integer</i>	0
<b>FiveHundred_SevenFortyNineNine:</b> Returns # of houses worth between 500K and 749,999.	<i>Integer</i>	0
<b>SevenFifty_NineNinetyNineNine</b> Returns # of houses worth between 750K and 999,999.	<i>Integer</i>	0
<b>OneMillion_Over:</b> Returns # of houses worth 1 Million K and Over.	<i>Integer</i>	0

▼ **GetNeighborhoodVehiclesPerHouseholdInDataset**

<b>Operation: GetNeighborhoodVehiclesPerHouseholdInDataset Input</b>		
Parameter Name:	Data Type	Sample Input
<b>StateAbbrev:</b> Input State abbreviation.	<i>String</i>	VA
<b>PlaceID:</b> Input City to search.	<i>String</i>	0018442

<b>Operation: GetNeighborhoodVehiclesPerHouseholdInDataset Output</b>		
Parameter Name:	Data Type	Sample Output
<b>Error:</b> Returns true or false if an error with search.	<i>Boolean</i>	False
<b>ErrorString:</b> Returns if an error with input values.	<i>String</i>	No Error
<b>Schema:</b> Returns XML schema.		Schema
<b>Table:</b> Returns table of information.		Table 1
<b>Population:</b> Returns the population.	<i>String</i>	229

<b>Zero:</b> Returns # of Houses with zero vehicles.	<i>Integer</i>	0
<b>One:</b> Returns # of Houses with one vehicle.	<i>Integer</i>	76
<b>Two:</b> Returns # of Houses with two vehicles.	<i>Integer</i>	94
<b>Three:</b> Returns # of Houses with three vehicles.	<i>Integer</i>	52
<b>Four:</b> Returns # of Houses with four vehicles.	<i>Integer</i>	7
<b>Five_More:</b> Returns # of Houses with five vehicles.	<i>Integer</i>	0

▼ **GetNeighborhoodYearStructuresBuilt**

<b>Operation: GetNeighborhoodYearStructuresBuilt Input</b>		
Parameter Name:	Data Type	Sample Input
<b>StateAbbrev:</b> Input State abbreviation.	<i>String</i>	VA
<b>PlaceID:</b> Input City to search.	<i>String</i>	0018442

<b>Operation: GetNeighborhoodYearStructuresBuilt Output</b>		
Parameter Name:	Data Type	Sample Output
<b>Error:</b> Returns true or false if an error with search.	<i>Boolean</i>	False
<b>ErrorString:</b> Returns if an error with input values.	<i>String</i>	No Error
<b>Schema:</b> Returns XML schema.		Schema
<b>Table:</b> Returns table of information.		Table 1
<b>TotalHouses:</b> Returns population.	<i>String</i>	229
<b>X0031_999_March2000:</b> Returns # of houses built between 1999 and 2000.	<i>Integer</i>	0
<b>X0031_995_1998:</b> Returns # of houses built between 1995 and 1998.	<i>Integer</i>	7
<b>X0031_990_1994:</b> Returns # of houses built between 1990 and 1994.	<i>Integer</i>	7
<b>X0031_980_1989:</b> Returns # of houses built between 1980 and 1989.	<i>Integer</i>	169
<b>X0031_970_1979:</b> Returns # of houses built between 1970 and 1979.	<i>Integer</i>	46
<b>X0031_960_1969:</b> Returns # of houses built between 1960 and 1969.	<i>Integer</i>	0
<b>X0031_950_1959:</b> Returns # of houses built between 1950 and 1959.	<i>Integer</i>	0
<b>X0031_940_1949:</b> Returns # of houses built between 1940 and 1949.	<i>Integer</i>	0
<b>X0031_939_Earlier:</b> Returns # of houses built in or before 1939.	<i>Integer</i>	0

▼ **GetPlaceIDbyAddress**

<b>Operation: GetPlaceIDbyAddress Input</b>
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Parameter Name:	Data Type	Sample Input
<b>AddressLine1:</b> Input address.	<i>String</i>	2125 Smith Ave
<b>City:</b> Input City.	<i>String</i>	Chesapeake
<b>StateAbbrev:</b> Input State abbreviation.	<i>String</i>	VA
<b>ZipCode:</b> Input ZIP Code.	<i>String</i>	23320
<b>LicenseKey:</b> See page 1 for more info.	<i>String</i>	F01d89fd-5155-5455-5585-e84ab8de8591

Operation: GetPlaceIDbyAddress Output		
Parameter Name:	Data Type	Sample Output
<b>StateAbbrev:</b> Returns State abbreviation.	<i>String</i>	VA
<b>PlaceID:</b> Returns Place ID assigned by Census.	<i>Integer</i>	0018442
<b>Rural:</b> Returns true or false if area is rural.	<i>Boolean</i>	False
<b>Error:</b> Returns true or false if an error in search.	<i>Boolean</i>	False
<b>ErrorString:</b> Returns any errors in input data.	<i>String</i>	No Error

▼ **GetPlaceIDbyCensusTractAndBlock**

Operation: GetPlaceIDbyCensusTractAndBlock Input		
Parameter Name:	Data Type	Sample Input
<b>StateAbbrev:</b> Input State abbreviation.	<i>String</i>	VA
<b>CensusTract:</b> Input Census Tract.	<i>String</i>	020806
<b>CensusBlock:</b> Input Census Block.	<i>String</i>	1025
<b>LicenseKey:</b> See page 1 for more info.	<i>String</i>	F01d89fd-5155-5455-5585-e84ab8de8591

Operation: GetPlaceIDbyCensusTractAndBlock Output		
Parameter Name:	Data Type	Sample Output
<b>StateAbbrev:</b> Returns State abbreviation.	<i>String</i>	VA
<b>PlaceID:</b> Returns Place ID assigned by Census.	<i>Integer</i>	0018458
<b>Rural:</b> Returns true or false if area is rural.	<i>Boolean</i>	False
<b>Error:</b> Returns true or false if an error in search.	<i>Boolean</i>	False
<b>ErrorString:</b> Returns any errors in input data.	<i>String</i>	No Error

▼ **GetSummaryInformationByPlaceID**

Operation: GetSummaryInformationByPlaceID Input		
Parameter Name:	Data Type	Sample Input
<b>StateAbbrev:</b> Input State abbreviation.	<i>String</i>	VA
<b>PlaceID:</b> Input PlaceID.	<i>String</i>	0018442



Operation: GetSummaryInformationByPlaceID Output		
Parameter Name:	Data Type	Sample Output
<b>StateAbbrev:</b> Returns State abbreviation.	<i>String</i>	VA
<b>PlaceID:</b> Returns Place ID assigned by Census.	<i>Integer</i>	0018458
<b>Rural:</b> Returns true or false if area is rural.	<i>Boolean</i>	False
<b>Error:</b> Returns true or false if an error in search.	<i>Boolean</i>	False
<b>ErrorString:</b> Returns any errors in input data.	<i>String</i>	No Error
<b>MedianAge:</b> Returns average age for location.	<i>String</i>	39
<b>MedianIncome:</b> Returns average income for location.	<i>String</i>	61050
<b>MedianRoomsInHouse:</b> Returns average # of rooms per household.	<i>String</i>	7
<b>MedianHouseValue:</b> Returns average house value for location.	<i>String</i>	206400
<b>MedianVehicles:</b> Returns average # of vehicles for location.	<i>String</i>	2
<b>MaritalStatusPercentages/NeverMarried:</b> Returns % of people never married.	<i>Double</i>	20.20
<b>MaritalStatusPercentages/Married:</b> Returns % of people married.	<i>Double</i>	35.83
<b>MaritalStatusPercentages/Separated:</b> Returns % of people separated.	<i>Double</i>	4.19
<b>MaritalStatusPercentages/MarriedOther:</b> Returns % of people MarriedOther.	<i>Double</i>	19.06
<b>MaritalStatusPercentages/Widowed:</b> Returns % of people widowed.	<i>Double</i>	3.68
<b>MaritalStatusPercentages/Divorced:</b> Returns % of people divorced.	<i>Double</i>	17.03
<b>RacePercentages/Asian:</b> Returns % of Asian race.	<i>Double</i>	0
<b>RacePercentages/Black:</b> Returns % of Black race.	<i>Double</i>	35.02
<b>RacePercentages/Indian:</b> Returns % of Indian race.	<i>Double</i>	0
<b>RacePercentages/Mixed:</b> Returns % of mixed race.	<i>Double</i>	3.08
<b>RacePercentages/NativeHawaiian:</b> Returns % of NativeHawaiian race.	<i>Double</i>	0.77
<b>RacePercentages/Other:</b> Returns % of other race.	<i>Double</i>	0
<b>RacePercentages/White:</b> Returns % of White race.	<i>Double</i>	61.12
<b>GenderPercentages/Female:</b> Returns % of female population.	<i>Double</i>	57.93
<b>GenderPercentages/Male:</b> Returns % of male population.	<i>Double</i>	42.07

▼ **GetVersion**  
**-No Input Values**

<b>Operation: GetVersion Output</b>		
Parameter Name:	Data Type	Sample Output
<b>String:</b> Returns Version.	<i>String</i>	.6