



Technical Documentation

Real Time Decisions –
3rd Party Leads

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Table of Contents

Table of Contents

Verisk Marketing Solutions Overview 3

Real-Time Decisions 3rd Party Leads Overview 3

Inputs..... 4

Outputs 4

 Intelligence.....4

 Guardian.....8

 Identity Scoring: 10

 ID Score:..... 11

 Demographic Attributes: 11

 Property Attributes: 17

 Auto Attributes:31

Appendix A: JSON API Example 33

Appendix B: API ErrorCodes 40

Verisk Marketing Solutions Overview

Verisk Marketing Solutions is a consumer data and insights unit of Verisk that specializes in helping marketers and the platforms and providers they work with continuously maintain a real-time view of their consumers' profiles and behaviors as they change over time. We power personalized interactions to engage them with the right message, at the right time.

Verisk Marketing Solutions brings together the unique behavioral data assets from Jornaya with the proprietary identity graph from Infutor to provide marketers with comprehensive and actionable identity data for every consumer and household in the US, alongside the earliest indicators of their in-market shopping behavior. This one-of-a-kind view is maintained with the highest standards for data security and consumer privacy, preferences, and permissions.

Our solutions ensure marketers have the most complete picture of a consumer's identity, attributes, permissions, and in-market behaviors—helping to remove the guesswork around who, what, and when to reach out.

Customers who engage with us experience:

- Lead generation program ROI improvement
- Better customer acquisition & retention outcomes
- Real-time in-market insights (from 55k comparison shopping sites)
- Intelligence to inform cross-sell opportunities
- Improved reputation and financial risk management

Real-Time Decisions 3rd Party Leads Overview

Our Real-Time Decisions product line focuses on situations where marketers need to make real-time decisions about how to interact with a consumer. We offer API's that can be accessed and in real-time we return configurable data packages that our customers can use to make better informed consumer engagement decisions.

You often have a short period of time to decide how to best interact with a consumer. Get the right data in real-time to optimize inbound interactions for these situations.

Real-Time Decisions | 3rd Party Leads

- When purchasing leads, buyers often lack critical insights into quality and compliance. We help you gain these insights in real-time, so you know which leads to buy and how best to engage the consumer.
- Verify the consumer provided TCPA consent on the original web form
- Know the origin and history of the lead along with characteristics that call out lead quality and conversion potential
- Confirm and supplement consumer provided data on the lead form
- Know the value of every lead based on your likelihood to connect with them

Enrich your insights on each consumer with additional attributes, so you know how best to personalize engagements with them.

Inputs

The Real Time Decisions API accepts the following inputs. A LeadiD and account code are required inputs. For additional API information refer to this link: <https://docs.jornaya.com/docs/jornaya-intelligence-api>

Input Field	Description	Required
<i>lac</i>	Account code,	✓
<i>id</i>	LeadiD token, 36 Character LeadiD token	✓
<i>f_name</i>	First name, 15 characters max.	
<i>l_name</i>	Last name, 20 characters max.	
<i>address1</i>	Address line 1, 64 characters max.	
<i>address2</i>	Address line 2, 64 characters max.	
<i>city</i>	City name, 28 characters max. * Either City/State or Zip is required.	
<i>state</i>	2 character state abbreviation. * Either City/State or Zip is required.	
<i>zip</i>	5 digit numeric USPS zip code. * Either City/State or Zip is required.	
<i>phone</i>	10 digit numeric phone number (without spaces, dashes, or parentheses)	
<i>email</i>	Email address, 100 characters max	

LeadiD-only allows for understanding attributes around the Lead event itself and compliance related measures.

To obtain Identity-based data, at a minimum, one of the following input combinations is required for processing:

- phone
- email
- f_name + l_name
- address1 + zip
- address1 + city + state

Outputs

Intelligence

Link to latest descriptions: [Help Center](#)

Output Field	Description	Return Values
<i>authentic</i>	The authenticity of the queried LeadiD token.	1 Character: 0,1

	<div>0 - One or more of the conditions have been met below and no additional data will be returned for this LeadID token:</div> <div><div><div></div><div>This was not a token that Jornaya created.</div></div><div><div></div><div>This token has been queried too many times (i.e. hundreds or thousands of times) when Jornaya’s partners performed an API call to our system.</div></div><div><div></div><div>This token was created over a year ago.</div></div><div><div></div><div>This token is associated with a consumer who has exercised their CCPA Right to Opt-out.</div></div></div> <div>1 - Authentic LeadID</div>	
lead_age	lead_age - (##) of seconds elapsed	2 Character: 00 - 09
	age - Pre-defined time buckets allow for simplicity in reporting or analysis.	
	<div><div>00 - < 5 minutes old</div><div>01 - 5-30 minutes old</div><div>02 - 30-60 minutes old</div><div>03 - 1-4 hours old</div><div>04 - 4-12 hours old</div></div> <div><div>05 - 12-24 hours old</div><div>06 - 1-2 days old</div><div>07 - 2 days - 1 week old</div><div>08 - 1 week - 1 month old</div><div>09 - 09 > 1 month old</div></div>	
lead_duration	lead_duration - (##) Number of seconds the consumer was on the form.	2 Character: 00 - 07
	duration - Pre-defined time buckets allow for simplicity in reporting or analysis.	
	<div><div>00 - Duration Not Available</div><div>01 - Consumer spent < 5 seconds on the form</div><div>02 - Consumer spent 5-30 seconds on the form</div><div>03 - Consumer spent 30-60 seconds on the form</div></div> <div><div>04 - Consumer spent 1-5 minutes on the form</div><div>05 - Consumer Spent 5-30 minutes on the form</div><div>06 - Consumer spent 30-60 minutes on the form</div><div>07 - Consumer spent > 1 hour on the form</div></div>	
data_integrity_passed	Array list of data submitted that passed data integrity.	array
data_integrity_default	Array list of data submitted that was the default values.	array
ip_five_minutes	# leads from this IP in the past 5 minutes.	Number
ip_hour	# leads from this IP in the past Hour.	Number
ip_twelve_hours	# leads from this IP in the past 12 Hours.	Number
ip_day	# leads from this IP in the past Day.	Number
ip_week	# leads from this IP in the past Week.	Number
any 'device_' or 'ip_' Data Point	The value was blocked by the creator's campaign.	-1
device_undefined	The Device ID was not found.	1
device_five_minutes	# leads from this device in the past 5 minutes.	Number

<i>device_hour</i>	# leads from this device in the past Hour.		Number
<i>device_twelve_hours</i>	# leads from this device in the past 12 Hours.		Number
<i>device_day</i>	# leads from this device in the past Day.		Number
<i>device_week</i>	# leads from this device in the past Week.		Number
<i>lead_velocity</i>	The number (##) of times the lead has been queried before you in the given timeframe.		1 or 2 Character: 0,1,X#
	There are responses for different timeframe buckets - the last five minutes, hour, twelve hours, day or week prior to the query.		
	0 - This LeadID was not audited before your query 1 - This LeadID was queried 1 time prior to your query in the past Y time period across the Jornaya network.	X# - This LeadID was queried x# of additional time(s) prior to your query in the past Y time period across the Jornaya network.	
<i>lead_five_minutes</i>	# unique entities prior to this audit, exposed to this LeadID in the past 5 minutes.		Number
<i>lead_hour</i>	# unique entities prior to this audit, exposed to this LeadID in the past hour.		Number
<i>lead_twelve_hours</i>	# unique entities prior to this audit, exposed to this LeadID in the past 12 hours.		Number
<i>lead_day</i>	# unique entities prior to this audit, exposed to this LeadID in the past day.		Number
<i>lead_week</i>	# unique entities prior to this audit, exposed to this LeadID in the past week.		Number
<i>any 'lead_' Data Point</i>	The value was blocked by the creator's campaign.		-1
<i>consumer_velocity</i>	The number (##) of times Jornaya has witnessed this consumer's email address across the network in the given timeframe.		1 or 2 Character: 0,1,X#
	There are responses for different timeframe buckets - the last five minutes, hour, twelve hours, day, or week prior to the audit		
	0 - The email address that was contributed in the Jornaya Intelligence query was not witnessed* 1 - The email address that was contributed in the Jornaya Intelligence query was witnessed for the first time at the lead event X# - The email address that was contributed in the Jornaya Intelligence query was witnessed X# of additional time(s) prior to your query in the past Y time period across the Jornaya network.	* The email addressed may not have been witnessed for several reasons: <ul style="list-style-type: none">There may have been a discrepancy due to the consumer's settings or internet connectivity that prevented us from witnessing the email address during the lead eventThe email address that was passed in the API query does not match what we witnessed during that lead eventThe Jornaya campaign code was not present on the page in which the consumer email address was entered, therefore we did not witness that email address	
<i>consumer_five_minutes</i>	# leads from this Consumer in the past 5 minutes.		Number

<i>consumer_hour</i>	# leads from this Consumer in the past Hour.		Number
<i>consumer_twelve_hours</i>	# leads from this Consumer in the past 12 Hours.		Number
<i>consumer_day</i>	# leads from this Consumer in the past Day.		Number
<i>consumer_week</i>	# leads from this Consumer in the past Week.		Number
<i>any 'consumer_' Data Point</i>	The value was blocked by the creator's campaign.		-1
<i>total_hops</i>	The number (##) of steps between you and the generator.		1 or 2 Character: - 1,1,2,X#
	1 - This LeadID had 1 step between you and the generator. It was directly sent to you. 2 - This LeadID had 2 steps between you and the generator. It was sent to you by a lead aggregator. X# - This LeadID had X# steps between you and the generator. It was sent to you by a lead aggregator. -1 - The value was blocked by the campaign's creator		
<i>total_entities</i>	The number (##) of parties that have seen the lead, excluding you.		1 or 2 Character: - 1,1,2,X#
	0 - This LeadID was seen by no other entities aside from you prior to your query. 1 - This LeadID was seen by 1 entity aside from you prior to your query. X# - This LeadID was seen by X# entities aside from you prior to your query -1 - The value was blocked by the campaign's creator		
<i>consumer_dupe_check</i>	00 - Never before 01 - Last 0-7 days 02 - Last 7-14 days 03 - Last 14-30 days 04 - Last 30-60 days 05 - Last 60-90 days 06 - Last 3-4 months		2 Character: 00 - 06
<i>lead_dupe_check</i>	lead_dupe_check - Indicates if you have ever queried this same LeadID token before, and if so, when.		2 Character: 00 - 10
	00 - Never before 01 - Last 0-7 days 02 - Last 7-14 days 03 - Last 14-30 days 04 - Last 30-60 days 05 - Last 60-90 days	06 - Last 3-4 months 07 - Last 4-5 months 08 - Last 5-6 months 09 - Last 6-9 months 10 - Over 9 months ago	
<i>lead_dupe_time</i>	The exact timestamp (in Epoch format) for when you previously queried the same LeadID.		Number
<i>lead_dupe_provider</i>	The provider you received this same LeadID from when you previously audited it.		string
<i>url_value</i>	0 - This lead was not generated from a URL in your list. 1 - This lead was generated from a URL in your list.		1 Character: 0,1
<i>entity_value</i>	0 - This lead was not generated from an Entity on your list. 1 - This lead was generated from an Entity on your list.		1 Character: 0,1

Guardian

Output Field	Description	Return Values
disclosure	The language on the lead form meets the requirements set by your Compliance team.	1 Character: 0,1,2
	0 - The TCPA disclosure field label was not present during the lead event. 1 - A matching TCPA disclosure was present on the lead form. 2 - The disclosure found on the form does not match a specified TCPA disclosure in the audit profile.	
consent	Indicates how the consumer did or did not consent to the TCPA disclosure.	1 Character: 0,1,2,3,4
	0 - Consent is given via form submission. 1 - Active Consent - The consumer proactively selected the consent option. 2 - Passive Consent - Consent was pre-populated for the user. 3 - Passive Decline - The consumer did not provide consent and the consent option was not pre-populated. 4 - Active Decline - The consumer proactively deselected the consent option.	
consent_rule*	Returned flag color for 'consent:	1 Character: 1,2,3
	1 - 'Green' 2 - 'Yellow' 3 - 'Red'	
type	The kind of interaction the consumer used to communicate their consent.	1 Character: 0,1,2,3
	On a page there can be a number of ways the TCPA consent can be collected such as a check box, a radio button, or simply a submit button.	
	0 - No user interaction is required. 1 - Checkbox 2 - Radio button 3 - Yes/No dropdown menu	
contrast	Compares the TCPA disclosure's font color to the site's background color.	1 Character: 0,1,2,3,4
	0 - The contrast of the font color to the background color is unknown, or when there is no TCPA disclosure match. 1 - There is at least a 40% contrast between the text and background colors. 2 - There is at least a 25% contrast between the text and background colors. 3 - The contrast between the text color and the background color is lower than 25%. 4 - The disclosure was not visible to the user.	
prominence	Identifies the font size of TCPA disclosure language.	1 Character: 0,1,2,3,4
	0 - The font size of the disclosure is unknown, or when there is no TCPA disclosure match. 1 - The font size is at least 16 pixels (12pt). 2 - The font size is between 9px and 15px (6.75-11 pt). 3 - The font size is less than 9px (6.75pt). 4 - The disclosure was not visible to the user	
prominence_value	A calculated score based on the font size of the disclosure found on the page.	Number
	The range is from 0-100 where 100 is over 16 pixels and 0 is below 9 pixels.	

<i>visibility</i>	Evaluates the visual presentation of the TCPA disclosure.	1 Character: 0,1,2,3,4
	Visibility is based on our composite score of the prominence and contrast of the TCPA disclosure.	
	0 - The visibility of the disclosure is unknown, or when there is no TCPA disclosure match. 1 - The overall visibility of the disclosure is high. (visibility_value > 50) 2 - The overall visibility of the disclosure is medium. (visibility_value between 20 and 50) 3 - The overall visibility of the disclosure is low. (visibility_value < 20) 4 - The disclosure was not visible to the user.	
<i>visibility_value</i>	A composite score of the prominence and contrast of the disclosure.	Number
	The range is from 0-100 where 100 represents the most visible and 0 is the least visible.	
<i>captured</i>	Verifies that a Visual Playback has been captured.	1 Character: 0,1,2
	1 - The Visual Playback has been captured. 2 - The Visual Playback has been partially captured. 0 - The Visual Playback has not been captured.	
<i>stored</i>	Verifies that the Visual Playback has been stored.	1 Character: 0,1
	1 - The Visual Playback has been stored. 0 - The Visual Playback has not been stored.	
<i>result</i>	Overall flag result for the TCPA Guardian response per your settings in the Jornaya Member Portal.	1 Character: 1,2,3

Identity Scoring:

<i>Output Field</i>	<i>Description</i>	<i>Return Values</i>
<i>ValidPhone</i>	The phone is a valid 10 digit telephone number based on the North American Numbering Plan (NANP)	Score 0-100
<i>ValidPhone2</i>	The 2nd phone is a valid 10 digit telephone number based on the North American Numbering Plan (NANP)	Score 0-100
<i>ValidEmail</i>	The email is a valid email address format	Score 0-100
<i>ValidName</i>	The individual's first and last names appear to be valid names and do not contain vulgar words or expressions	Score 0-100
<i>NameToPhone</i>	The name links to the phone	Score 0-100
<i>NameToEmail</i>	The name links to the email	Score 0-100
<i>NameToAddress</i>	The name links to the postal address	Score 0-100
<i>Deceased</i>	The deceased field is used to determine whether an identity is living or deceased.	0 or 100 or Blank
	A score of 100 indicates the individual is living and a score of 0 represents the individual is deceased. If the field is Blank, it means Unknown	
<i>Phone Type</i>	Phone type for the Phone. L- Landline, V- VoIP, W- Wireless, O- Other	L, V, W, O
<i>PhoneConfidenceScore</i>	Score of 0 - 100 that reflects the confidence that a given phone is active and hasn't been reassigned, based on activity and velocity indicators	Score 0-100
<i>Phone2ConfidenceScore</i>	Score of 0 - 100 that reflects the confidence that a given phone is active and hasn't been reassigned, based on activity and velocity indicators	Score 0-100
<i>AddressConfidenceScore</i>	Score of 0 - 100 that reflects the confidence, accuracy, and deliverability for the input postal address	Score 0-100
<i>AddressToPhone</i>	The postal address links to the phone	Score 0-100
<i>AddressToEmail</i>	The postal address links to the email	Score 0-100
<i>PhoneToEmail</i>	The phone links to the email	Score 0-100
<i>Phone2ToEmail</i>	The 2nd phone links to the email	Score 0-100
<i>NameToPhone2</i>	The name links to the 2nd phone	Score 0-100
<i>AddressToPhone2</i>	The postal address links to the 2nd Phone	Score 0-100
<i>ValidZip</i>	Compare the input ZIP code to the listing of valid ZIP codes published by the Postal Service	Score 0-100
<i>ZipToPhone</i>	provides a signal on whether we have that phone belonging to a consumer who lives in that ZIP code.	Score 0-100

ID Score:

The ID Score is an overall score, with values in the range of 0-100 that can be used for making pass/fail decisions about whether or not a given identity was verified.

Output Field	Description	Return Values
IDVerifyScore	The IDScore is an overall score to reflect the quality of an ID verification.	Score 0-100

Demographic Attributes:

Output Field	Description	Return Values
GENDER	Known gender - Male, Female.	1 character: M or F
	The gender of an individual is typically gathered from self-reported or public information sources, or can be assigned based on the individual's name and/or title. In cases where the individual's first name and title are unknown/ambiguous and no additional sources reflect gender, the gender will be coded as "Unknown." M - Male F - Female	
AGE	Adult Estimated Age is calculated from date of birth data. Age data is applied at the individual level and is compiled from a variety of sources that may include public data, buying activities, and self-reported information. This is a calculation of age based on the individual's Year of Birth. The calculation is current year less the YOB.	2 characters from 18-99
AGE_RANGE_ESTIMATE	Adult Estimated Age Range is calculated from date of birth data. Age data is applied at the individual level and is compiled from a variety of sources that may include public data, buying activities, and self-reported information. This is a calculation of age based on the individual's year of birth. The calculation is current year minus the YOB, which is then used to assign the record to an appropriate age range. Estimated Age Range A - Estimated Age 18-24 B - Estimated Age 25-34 C - Estimated Age 35-44 D - Estimated Age 45-54 E - Estimated Age 55-64 F - Estimated Age 65-74 G - Estimated Age 75+	A-G
AGE_RANGE_INFERRED	Adult Inferred Age Range uses known age of adults within the same ZIP+4 to assign an age range. The originating known age data is compiled from a variety of sources that may include public data, buying activities data, and self-reported information. A value is only assigned for this field if a record for the AGE_RANGE_ESTIMATED field is not available. Inferred Age Range. A - Inferred Age 18-24 B - Inferred Age 25-34 C - Inferred Age 35-44 D - Inferred Age 45-54 E - Inferred Age 55-64 F - Inferred Age 65-74 G - Inferred Age 75+	A-G
AGE_RANGE_COMBINED	Adult Combined Age Range assigns an age range value to all records, using the applicable value from either AGE_RANGE_ESTIMATED and AGE_RANGE_INFERRED fields. Use this field if you are looking for 100% age range coverage within the TCI universe. Combined (Estimated + Inferred) Age Range Combined A - Combined Age 18-24 B - Combined Age 25-34 C - Combined Age 35-44	A-G

	<p>D - Combined Age 45-54 E - Combined Age 55-64 F - Combined Age 65-74 G - Combined Age 75+</p>	
LOR	<p>Length of residence indicates the probable number of years an individual/household has been located at current address.</p> <p>Data comes from multiple sources including real estate, public record and self-reported sources.</p>	2 characters: 00 - 99
HOMEOWNERCD	<p>Homeowner and renter status identifies if the occupant of the residence is the homeowner or a renter.</p> <p>Data comes from multiple sources including property deed records from County Assessors or County Recorders, new home sales transaction data, and self-reported survey data.</p> <p>Homeowner Codes: H - Homeowner is a deterministic value of known homeowners as recorded by property deed records and recorded home sales R - Renter is a deterministic value of known households living in properties that are not currently occupied by the homeowner. Data is sourced from property deed records and recorded home sales data. O - Probable Homeowner is a probabilistic value identifying medium-level confidence of a homeowner status. Data is based on a combination of survey data signals indicating a likely homeowner status.* P - Probable Renter is a probabilistic value identifying medium-level confidence of a renter status. Data is based on a combination of survey data signals indicating a likely renter status.* U - Unknown are records with no data signals to indicate a homeowner or renter status and are assigned as likely to be low-confidence renters. Previous versions recorded assigned these records as NULL.*</p> <p>*These response values will be available in November 2022 for on-premise and in December 2022 for append.</p>	1 character: H, R, O, P, U
EHI	<p>Estimated income level is a model and takes into consideration several known demographic attributes, self-reported information and census demographics. This field is planned for sunset use the field EHI_V2</p> <p>Data is assigned at the household level.</p> <p>Estimated Household Income:</p> <p>A - Less than \$20,000 B - \$20,000-\$29,999 C - \$30,000-\$39,999 D - \$40,000-\$49,999 E - \$50,000-\$74,999 F - \$75,000-\$99,999 G - \$100,000-\$124,999 H - \$125,000-\$149,999 I - \$150,000-\$174,999 J - \$175,000-\$199,999 K - \$200,000-\$249,999 L - \$250,000+</p>	1 character
EHI_V2	<p>Estimated household income level is a model that takes into consideration 80+ model predictors across a diverse set of info including demographics, transactional & behavioral data, property ownership and mortgages, vehicle ownership and geo-demographics. The data originates from a range of deterministic and probabilistic data sources such as county assessor records, self-reported information (e.g. surveys), Census demographics, and many more. EHI_V2 field replaces EHI</p> <p>Estimated Household Income:</p> <p>A - Less than \$20,000 B - \$20,000-\$29,999 C - \$30,000-\$39,999 D - \$40,000-\$49,999 E - \$50,000-\$59,999 F - \$60,000-\$74,999 G - \$75,000-\$99,999 H - \$100,000-\$124,999</p>	1 character

	I - \$125,000-\$149,999 J - \$150,000-\$199,999 K - \$200,000-\$249,999 L - \$250,000-\$499,999 M - \$500,000+				
MARRIEDCD	Known marital status and modeled information.	1 character: M or S			
	The Marital Status select indicates if member of the household is likely married or single. Data is applied at the household level where available and then the married or single designation is inferred at the Zip+4 or to provide more thorough coverage. M - Married S - Single				
WEALTHSCR	The net worth selection is a demographically based analytical model which predicts the ranges for household net worth.	1 character: A - M			
	Net worth is calculated by the total assets estimated to be associated with a household (such as deposit accounts, investments and home value) minus liabilities (such as loans, mortgages and credit card debt). NOTE: WEALTHSCR_V2 field, released in March 2024, replacing WEALTHSCR.				
	<table> <tr> <td> A - \$0 OR LESS B - \$1 - \$4,999 C - \$5,000 - \$24,999 D - \$25,000 - \$49,999 E - \$50,000 - \$74,999 </td><td> F - \$75,000 - \$99,999 G - \$100,000 - \$149,999 H - \$150,000 - \$249,999 I - \$250,000 - \$374,999 J - \$375,000 - \$499,999 </td><td> K - \$500,000 - \$749,999 L - \$750,000 - \$999,999 M - \$1,000,000 + </td></tr> </table>	A - \$0 OR LESS B - \$1 - \$4,999 C - \$5,000 - \$24,999 D - \$25,000 - \$49,999 E - \$50,000 - \$74,999	F - \$75,000 - \$99,999 G - \$100,000 - \$149,999 H - \$150,000 - \$249,999 I - \$250,000 - \$374,999 J - \$375,000 - \$499,999	K - \$500,000 - \$749,999 L - \$750,000 - \$999,999 M - \$1,000,000 +	
A - \$0 OR LESS B - \$1 - \$4,999 C - \$5,000 - \$24,999 D - \$25,000 - \$49,999 E - \$50,000 - \$74,999	F - \$75,000 - \$99,999 G - \$100,000 - \$149,999 H - \$150,000 - \$249,999 I - \$250,000 - \$374,999 J - \$375,000 - \$499,999	K - \$500,000 - \$749,999 L - \$750,000 - \$999,999 M - \$1,000,000 +			
WEALTHSCR_V2	The net worth selection is a model which predicts household net worth. It takes into consideration 60+ model predictors across a diverse set of info including demographics, transactional & behavioral data, property ownership and mortgages, vehicle ownership and geo-demographics. The data originates from a range of deterministic and probabilistic data sources such as county assessor records, self-reported information (e.g. surveys), Census demographics, and many more. WEALTHSCR_V2 field, released in March 2024, replacing WEALTHSCR. A - \$0 OR LESS B - \$1 - \$24,999 C - \$25,000 - \$49,999 D - \$50,000 - \$74,999 E - \$75,000 - \$99,999 F - \$100,000 - \$149,999 G - \$150,000 - \$249,999 H - \$250,000 - \$374,999 I - \$375,000 - \$499,999 J - \$500,000 - \$749,999 K - \$750,000 - \$999,999 L - \$1,000,000+	1 character: A - L			
LANGUAGECD	Languages spoken by an individual as provided by self-reported participants and overlays from participating source data.	2 character			

	A2 - Albanian A3 - Amharic A4 - Arabic A5 - Armenian A6 - Ashanti B4 - Bulgarian B5 - Burmese C1 - Chinese (Mandarin, Cantonese and other dialects) C3 - Czech D1 - Danish D2 - Dutch E1 - English E2 - Estonian F1 - Farsi F2 – Finnish F3 - French	G2 - German G3 - Ga G4 - Greek H2 - Hebrew H3 - Hindi H4 - Hungarian I2 - Indonesian I3 - Italian J1 – Japanese K2 - Khmer K4 - Korean L1 - Laotian (including Hmong) L2 - Latvian L3 - Lithuanian N2 - Norwegian O1 - Oromo P1 - Pashto	P2 - Polish P3 - Portuguese R1 - Romanian R2 - Russian S2 - Serbo-Croatian S3 - Sinhalese S4 - Slovakian S5 - Slovenian S8 - Spanish S9 - Swahili SB - Swedish T1 - Tagalog T3 - Thai T4 - Tibetan T6 - Turkish U1 - Urdu V1 - Vietnamese	
SGLPARENT	Potentially single parent determined by model of known demographic information.			1 character: Y
	The Single Parent Household select is used to identify households with a potentially single parent present. Data is applied at the household level and is sourced from self-reported survey data.			
HHNBRSR	Total number of individuals in a given household whose known birth year indicates and age of 65 or greater			1 character: Y
HHNBR	Total number of individuals in a given household.			Number of individuals in household
SPANISHSPCD	Indicator of an individual who has reported speaking Spanish in the household			1 character: Y
SOHOCD	Indicates an individual owns a small business or has a home office at this address.			1 character: Y
CREDITCARD	Indicator that an individual has used a credit card for purchases of goods and services. Y - Credit Card			1 character
CHARITYDNR	Known donor to charitable causes received from self-reported and other transactional sources			1 character: Y
EDUCATIONCD	Education is defined as the level of education completed by the consumer.			1 character: A, B, C, D
	This is a probabilistic attribute based on self-reported information, surveys, and census sources.			
	A - Completed High School B - Completed College C - Completed Graduate School D - Attended Vocational/Technical E - Some High school F - Some College			
OCCUPATIONCD	Derived from self-reported data and/or state license bureaus indicating an individual's occupation code. This field is planned for sunset, use the field OCCUPATIONCD_V2			1 character: A – Z, 1 – 5

	A--PROF/TECH B--DOCTOR C--LAWYER/JUDGE D--TEACHER/LIBRARIAN E--ADMIN/MGMT F--MANAGEMENT G--PROPRIETOR H--SUPERVISOR I--SALES/SERVICE J--CLERICAL K--BLUE COLLAR L--FORMAN M--OPERATIVES N--FARM O--UNSKILLED P--SERVICE WORKER Q--MILITARY R--STUDENT S--RETIRED T--HOMEMAKER U--UNKNOWN V--SELF-EMPLOYED X--AGRICULTURE/ENVIRONMENT Y--DISABLED Z--FINANCE 1--GOVERNMENT & MILITARY/CIVIL SERVANT 2--LEGAL 3--MEDICAL 4--NON-EMPLOYED/UNDER-EMPLOYED 5--PROFESSIONAL BLUE COLLAR	
<i>OCCUPATIONCD_V2</i>	<p>Derived from self-reported data and/or state license bureau data indicating an individual's occupation. <i>OCCUPATIONCD_V2</i> replaces <i>OCCUPATIONCD</i> which will be sunset</p> <p>A - Administrative/ Managerial B - Agriculture/ Environment C - Blue Collar D - Clerical E - Finance F - Government/ Military/ Civil Servant G - Homemaker H - Legal I - Medical J - Mid-Level Management K - Professional/ Technical L - Retired M - Sales/ Service N - Self-Employed O - Student P - Education Q - Other</p>	1 character: A – Q
<i>ETHNICITYCD</i>	<p>Ethnicity of an Individual as proved by self-reported participant and overlays from participating source data.</p> <p>A - Southeast Asian C - Central & Southwest Asian E - Eastern European F - All African American Ethnic Groups I - Middle Eastern J - Jewish M - Mediterranean N - Native American O - Far Eastern P - Polynesian S - Scandinavian T - Other W - Western European Y - Hispanic Z - Uncoded (No Group)</p>	1 character: A, C, E, F, I, J, M, N, O, P, S, T, W, Y, Z
<i>RELIGIONCD</i>	<p>Religion of individual as provided by self-reported participants and overlays from participating source data.</p> <p>B - Buddhist C - Catholic G - Greek Orthodox H - Hindu I - Islamic J - Jewish K - Siku L - Lutheran M - Mormon O - Eastern Orthodox P - Protestant S - Shinto X - Not Known or Unmatched</p>	1 character: B, C, E, G, H, I, J, S, L, M, O, P, sS, X
<i>CHILD</i>	<p>The Presence of Children, children's age ranges and number of children selections reflects the probable presence of children under age 18 in a given household.</p> <p>Information is sourced from children's age and gender data which is gathered from a variety of sources that includes public records where they may be available, survey data as well as modeled census based information.</p> <p>Y - Presence of Children</p>	1 character: Y or Blank
<i>CHILDAECD_6</i>	Presence of Children under 6	1 character
<i>CHILDAECD_6_10</i>	Presence of Children Aged 6 - 10	1 character
<i>CHILDAECD_11_15</i>	Presence of Children Aged 11 - 15	1 character



CHILDAGECD_16_17	Presence of Children Aged 16 - 17	1 character
CHILDNBRCD	Number of Children Code:	1 character: A, B, C, D
	A - No Children B - Less Than 3 C - 3-5 D - 6+	

Property Attributes:

Output Field	Description				Return Values
PROP_IND	Property type indicator, 2 digit numeric:				nn
	10 - Single Family Residence / Townhouse 11 - Condominium (residential) 20 - Commercial 21 - Duplex, Triplex, Quadplex 22 - Apartment 23 - Hotel, Motel 24 - Commercial (condominium) 25 - Retail 26 - Services (general public) 27 - Office Building 28 - Warehouse 29 - Financial Institution		30 - Hospital (medical complex, clinic) 31 - Parking 32 - Amusement – Recreation 50 - Industrial 51 - Industrial Light 52 - Industrial Heavy 53 - Transport 54 - Utilities 70 - Agricultural 80 - Vacant 90 - Exempt		
PROP_MOBHOME	Mobile Home is present on the parcel				Y or blank
PROP_YRBLD	The construction year of the original building. (e.g., YYYY)_.				YYYY
PROP_ROOFCOVER	0 - NONE 2 - ASPHALT SHINGLE 3 - BUILT UP 4 - ALUMINUM 5 - CUSTOM 10 - ASBESTOS 11 - ASBESTOS SHINGLE 13 - COMPOSITION 14 - COMPOSITION ROLL 15 - COMPOSITION SHINGLE 16 - CONCRETE 17 - COPPER 18 - COPPER/SHINGLE 19 - GALVANIZED SHEET METAL 20 - GYPSUM 21 - METAL SHEETING 22 - ROLL 23 - SHINGLE 24 - SLATE/SLAG 25 - TAR & GRAVEL 26 - TAR PAPER 27 - TILE	28 – WOOD 29 - WOOD SHAKE 30 - WOOD SHAKE/SHINGLE 101 - ALUMINUM/SHINGLE 104 - ASBESTOS/WOOD 105 - ASBESTOS/WOOD/SHINGLE 106 - ASPHALT 107 - ASPHALT ROLL 109 - ASPHALT TILE 110 - ASPHALT/COMPOSITION 111 - ASPHALT/COMPOSITION SHINGLE 113 - BUILT UP COMPOSITION 114 - BUILT UP GYPSUM 115 - BUILT UP METAL 116 - BUILT UP ROCK 117 - BUILT UP TAR & GRAVEL 118 - BUILT UP WOOD 119 - BUILT-UP METAL/GYPSUM 120 - CEDAR SHAKE 121 - CEMENT TILE 122 - CEMENT/COMPOSITION 123 - CERAMIC/GLAZED TILE 124 - CLAY TILE 125 - CLAY TILE/GLAZED TILE 126 - CLAY TILE/SLATE	127 - CLAY/CONCRETE TILE 131 - COMPOSITION SHINGLE/METAL 132 - COMPOSITION TILE 133 - COMPOSTION SHINGLE 135 - CONCRETE DECK 136 - CONCRETE TILE 138 - OPPER/ENAMEL METAL SHEETING 139 - COPPER/METAL 140 - CORRUGATED ASBESTOS 141 - CORRUGATED COMPOSITION 142 - CORRUGATED IRON 143 - CORRUGATED METAL 145 - CRUSHED ROCK 146 - ENAMELED METAL 147 - FIBERGLASS 148 - FIBERGLASS/PLASTIC 150 - GLAZED TILE 151 - GRAVEL 152 - GRAVEL & ROCK 154 - HARDWOOD 155 – METAL 157 - METAL TILE 158 - METAL/SHINGLE 159 - METAL/TAR PAPER	160 - METAL/TIN 162 - PLASTIC/URETHANE 163 - PRECAST CONCRETE 164 - PREFINISHED METAL 165 - REINFORCED CONCRETE 166 - ROCK 167 - ROCK & GRAVEL 169 - ROLL PAPER 170 - RUBBER/ELASTOMERIC 173 - SLATE/TILE 174 - STONE/ROCK 175 -STONE/PEBBLE 176 - STONE 177 - SHAKE 178 - ROLL TAR & GRAVEL 179 - TIN 999 - BYPASS 144 - CORRUGATED STEEL	nnn
PROP_ROOFTYPE	999- BYPASS 9A0- IRREGULAR 9B0- LEAN TO A- A-FRAME B- BARN C- CANOPY D- DORMER E- FRAME F- FLAT G- GABLE	H- GABLE/HIP I- HIP J- GEODESIC K- MANSARD L- BARREL M- MONITOR N- CONTEMPORARY O- SHED P- PITCHED Q- PYRAMID	R- ARCHED S- SAWTOOTH T- CATHEDRAL/CLERESTORY U- BUBBLE V- GAMBREL W- SWISS CHALET/ALPINE X- COMPLEX/CUSTOM Y- BUTTERFLY Z- GAMBREL/MANSARD		nnn (3 characters)
PROP_POOL	Populated with a "Y" if a Pool is present on the parcel.				Y or blank

PROP_MTGLOANCD	Mortgage Type		nnn
	WRP - WRAP-AROUND MORTGAGE VA - Veterans Affairs FHA - Federal Housing Administration CNV - CONVENTIONAL	SBA - SMALL BUSINESS ADMINISTRATION PP - PRIVATE PARTY LENDER CDA - COMMUNITY DEVELOPMENT AUTHORITY CNS - CONSTRUCTION LH - LEASE HOLD MORTGAGE PMM - PURCHASE MONEY MORTGAGE	
HEQUITY_EST	Estimate of Homeowner Equity in the Property in Dollars		6 Characters
AVM_ESTIMATE	Estimate of Property Value in Dollars		7 Characters
PROP_MTGTERM	The length of time of the mortgage in years.		Integer (years)
PROP_MTGDUEDATE	Date mortgage becomes due.		YYYYMMDD
PROP_MTGINRATE TYPE	Mortgage Rate Type		nnn
	FIX - Fixed ADJ - Adjustable	VAR - Variable BAL - Balloon	
PROP_MTGINRATE	Mortgage Interest Rate		String value
HEQUITY_CONF	Home Equity Estimate Confidence Level (1 to 4)		1 Character: 1 - 4
	1 - High confidence Home Equity prediction 2 - Medium confidence Home Equity predictions	3 - Medium-Low confidence Home Equity predictions 4 - Low confidence Home Equity predictions	
AVM_ESTIMATE_ERR OR	Estimate Error in Dollars (based on zip or national if zip not available)		7 Characters
AVM_ESTIMATE_PC T_ERROR	Estimate Error as a percentage of Estimate Value (000-999) (based on zip or national if zip not available)		4 Characters
PROP_OWNEROCC	Absentee owner indicator code		A,M,O,S,T or blank
	A- Absentee(Mail And Situs Not Equal) M- Situs Address Taken From Mail O- Owner Occupied S- Situs From Sale (Occupied) T- Situs From Sale (Absentee)		

PROP_STYLE	999 - BYPASS ADC - ART DECO AFR - FRAME AIR - AIRLITE ANT - ANTIQUE/HISTORIC BIL - BI-LEVEL BUN - BUNGALOW CAB - CABIN CAP - CAPE COD CEN - CENTER HALL CHL - CHALET/ALPINE CLU - CLUSTER CND - CONDOMINIUM CNT - CONTEMPORARY COA - COACH/CARRIAGE HOUSE COL - COLONIAL CON - CONVENTIONAL COV - CONVERTED SCHOOL CTB - COTTAGE/BUNGALOW DES - CUSTOM/DESIGNER/ESTATE DOM - DOME DUP - DUPLEX EUR - EUROPEAN FAR - FARM HOUSE FED - FEDERALIST FRE - FRENCH PROVINCIAL		GAM - GAMBREL/BARN GEO - GEODESIC GOT - GOTHIC GRA - GARAGE APARTMENT GRE - GREEK REVIVAL GRG - GEORGIAN GRS - GARRISON/FRONTIER HRI - HIGH RISE HSH - H-SHAPE LOG - LOG LRI - LOW RISE LSH - L-SHAPE MAN - MANSION MDR - MODULAR/PREFAB MED - MEDITERRANEAN MIS - MISSION MLF - MULTI-FAMILY MLL - MULTI-LEVEL MOB - MOBILE HOME MOD - MODERN MRI - MID RISE NEN - NEW ENGLAND OLD - OLD OLE - OLD ENGLISH PAT - PATIO-HOME	QLV - QUAD-LEVEL QUA - QUADRAPLEX RAM - RAMBLER RAN - RANCH REC - RECTANGULAR DESIGN ROW - ROW HOUSE RRA - RAISED RANCH SLT - SALT BOX SPA - SPANISH SPF - SPLIT FOYER SPL - SPLIT LEVEL SQU - SQUARE DESIGN STR - STRAIGHT THROUGH SWN - SOUTHWESTERN TLV - TRI-LEVEL TPX - TRIPLEX TRA - TRADITIONAL TRN - TRINITY TUD - TUDOR TWN - TOWNHOUSE UND - UNDERGROUND/BERM USH - U-SHAPE VIC - VICTORIAN WIL - WILLIAMSBURG WSH - W-SHAPE	nnn
PROP_STORIESCD	0 - NONE 5 - 1/2 7 - 3/4 10 - 1 12 - 1 1/4 15 - 1 1/2 17 - 1 3/4 20 - 2 22 - 2 1/4 25 - 2 1/2 27 - 2 3/4 30 - 3 32 - 3 1/4 35 - 3 1/2 37 - 3 3/4 40 - 4 45 - 4 1/2 50 - 5 55 - 5 1/2 60 - 6 70 - 7 80 - 8 90 - 9 100 - 10 110 - 11 120 - 12 130 - 13 140 - 14 150 - 15 160 - 16 170 - 17 180 - 18 190 - 19 200 - 20 210 - 21 220 - 22	230 - 23 240 - 24 250 - 25 260 - 26 270 - 27 280 - 28 290 - 29 300 - 30 310 - 31 320 - 32 330 - 33 340 - 34 350 - 35360 - 36 370 - 37 380 - 38 390 - 39 400 - 40 410 - 41 420 - 42 430 - 43 440 - 44 450 - 45 460 - 46 470 - 47 480 - 48 490 - 49 500 - 50 510 - 51 520 - 52 530 - 53 540 - 54 550 - 55 560 - 56 570 - 57 580 - 58 590 - 59	600 - 60 610 - 61 620 - 62 630 - 63 640 - 64 650 - 65 660 - 66 670 - 67 680 - 68 690 - 69 700 - 70 710 - 71 720 - 72 730 - 73 740 - 74 750 - 75 760 - 76 770 - 77 780 - 78 790 - 79 800 - 80 810 - 81 820 - 82 830 - 83 840 - 84 850 - 85 860 - 86 870 - 87 880 - 88 890 - 89 900 - 90 910 - 91 920 - 92 930 - 93 940 - 94 950 - 95	960 - 96 970 - 97 980 - 98 990 - 99 999 - BYPASS 00A - 100 00E - 200 00I - 300 00M - BI-LEVEL 00N - MULTI-LEVEL 00P - SPLIT 2 LEVEL 00Q - SPLIT 3 LEVEL 00R - SPLIT 4 LEVEL 00S - SPLIT 5 LEVEL 00T - SPLIT 6 LEVEL 00U - SPLIT FOYER 00V - SPLIT LEVEL 00W - TRI-LEVEL 02S - 2 PLUS 03S - 3 PLUS 04S - 4 PLUS 05S - 5 PLUS 06S - 6 PLUS 50A - 150 50E - 250 X10 - 1 STRY W/BSMT X15 - 1 1/2 STRY W/BSMT X20 - 2 STRY W/BSMT X25 - 2 1/2 STRY W/BSMT X30 - 3 STRY W/BSMT X35 - 3 1/2 STRY W/BSMT X40 - 4 STRY W/BSMT X45 - 4 1/2 STRY W/BSMT X50 - 5 STRY W/BSMT X55 - 5 1/2 STRY W/BSMT X60 - 6 STRY W/BSMT	nnn
PROP_QLTY	Type of construction quality of building				nnn
	QAV - AVERAGE QBA - BELOW AVERAGE QVV - ABOVE AVERAGE QPO - POOR QEX - EXCELLENT QLU - LUXURY 999 - BYPASS QGO - GOOD QLO - LOW QFA - FAIR QEC - ECONOMICAL				

PROP_COND	0 - NONE 999 - BYPASS AVE - AVERAGE DMG - PHYSICAL DAMAGE EXC - EXCELLENT FAI - FAIR GOO - GOOD GTE - GOOD TO EXCELLENT POO - POOR UCN - UNDER CONSTRUCTION UNS - UNSOUND VGO - VERY GOOD			nnn
PROP_CNSTRTYPE	ADB - ADOBE AFR - A FRAME ALF - ALUMINUM FRAME ALS - ALUMINUM SIDING ALV - ALUMINUM/VINYL AOD - ARCHED/DOME BCB - BRICK/CINDER BLOCK BLB - BLOCK/BRICK BLM - BLOCK/METAL BLS - BLOCK/STEEL BRC - BRICK/CONCRETE BRF - BRICK/FRAME BRK - BRICK BRL - BRICK/STEEL BRM - BRICK/METAL BRS - BRICK/STUCCO BST - BRICK/STONE CCB - CONCRETE BLOCK CCM - CONCRETE MASONRY CCS - CONCRETE/STEEL CLP - CLAPBOARD	CND - CINDER BLOCK COM - COMBINATION CRE - CONCRETE CUS - CUSTOM DOM - DOME FLX - FLEXIBLE/FLEXICORE FRM - FRAME FRS - FRAME/STEEL FRY - FRAME/MASONRY FST - FRAME/STUCCO GLA - GLASS HEA - HEAVY LIG - LIGHT LOG - LOG MAN - MANUFACTURED/MODULAR MAS - MASONRY MET - METAL MTU - MASONRY TILT-UP PFR - POLE FRAME PRM - PREFAB METAL	SFM - STEEL/MASONRY SRO - STONE/ROCK STE - STEEL STS - STEEL/STUCCO STU - STUCCO STV - STONE VENEER STW - STEEL/WOOD TBM - TILT-UP BRICK/METAL TLU - TILT-UP TUC - TILT-UP CONCRETE WBR - WOOD/BRICK WCB - WOOD FRAME/CONCRETE BLOCK WMT - WOOD FRAME/METAL WOO - WOOD WSC - WOOD/STUCCO WSL - WOOD/STEEL WSN - WOOD/STONE 999 - BYPASS	nnn
PROP_EXTNW	999 - BYPASS ABL - ALUMINUM/BLOCK ABP - ASBESTOS/BLOCK/PLYWOOD ABR - ASBESTOS/BRICK ABV - ASBESTOS/BRICK VENEER/WOOD ABW - ASBESTOS/BLOCK/WOOD ADO - ADOBE BLOCK AFW - ASPHALT/FIBERGLASS/WOOD FRAME ALB - ALUMINUM/BRICK ALF - FRAME/ALUMINUM ALM - ALUMINUM/MASONITE ALN - ALUMINUM/STONE ALS - ALUMINUM SIDING ALU - ALUMINUM ALV - ALUMINUM/VINYL AME - ALUMINUM/METAL AMS - ALUMINUM SIDING/STUCCO ASB - ASBESTOS ASC - ASBESTOS/CONCRETE ASD - ASPHALT SIDING ASF - ASBESTOS FRAME ASG - ASBESTOS SHINGLE ASI - ASBESTOS SIDING ASK - ASBESTOS/BLOCK ASM - ASBESTOS/MASONITE ASO - ALUMINUM/STUCCO ASP - ASBESTOS/PERMASTONE AST - ASBESTOS/STONE ASV - ASBESTOS/VINYL ASW - ASBESTOS/WOOD AWD - ASBESTOS/STONE/WOOD BAS - BLOCK/ASBESTOS SHINGLE BBA - BOARD & BATTEN BBD - BLACK-BOARD BBS - BRICK/CONCRETE BLOCK STUCCO BBW - BOARD & BATTEN/WOOD FRAME BFS - BRICK FRAME/STONE BFT - BRICK/FRAME/STUCCO BFV - BRICK/FRAME/VENEER BFW - BRICK/FRAME/WOOD BLB - BLOCK/BRICK BLF - FRAME/BLOCK BLM - BLOCK/MASONRY BLO - BLOCK BLP - BLOCK PAINTED	BLS - BLOCK/STONE BLT - BLOCK/METAL BLW - BLOCK/WOOD BMG - BRICK/METAL & GLASS PANEL BMM - BRICK/MASONITE BMN - BRICK/MASONRY/STONE BMS - BLOCK/MASONRY/STUCCO BMT - BRICK/METAL BMV - BRICK/METAL/VENEER BOP - BOARD ON POST BRC - BRICK/CONCRETE BRI - BRICK BRM - BRICK/MASONRY BRO - BRICK/STUCCO BRP - BRICK/PERMASTONE BRS - BRICK/STONE BRV - BRICK VENEER BRW - BRICK/WOOD BRX - BRICK VENEER/STONE/WOOD BSD - BRICK SIDING BSH - BRICK/SHINGLE BSO - BLOCK/STONE/WOOD BST - BLOCK/STUCCO BSV - BRICK/STONE VENEER BSW - BRICK/STONE/WOOD SIDING BTL - BRICK/TILE BVB - BRICK VENEER/BLOCK BVN - BRICK/VINYL BVW - BRICK VENEER/WOOD BWB - BRICK VENEER/WALL BOARD BWD - BRICK/WOOD SIDING BWS - BRICK/STUCCO/WOOD BWT - BRICK/WOOD/STONE VENEER BWV - BRICK/WOOD/VINYL CBC - CONCRETE BRICK/COMPOSITION CBE - CONCRETE BLOCK/STEEL CBL - CONCRETE BLOCK/METAL CBM - CINDER BLOCK/MASONITE CBP - CONCRETE BRICK/PANEL CBS - CONCRETE BLOCK/STUCCO	CBU - CINDER BLOCK/STUCCO CBV - CONCRETE BLOCK/STONE VENEER CBW - CINDER BLOCK/WOOD CBY - CONCRETE BLOCK/MASONRY CCB - CINDER BLOCK CCC - CONCRETE/CINDER BLOCK CDR - CONCRETE/DRYVIT CFS - CONCRETE/FRAME/STEEL CGP - CONCRETE/GLASS PANELS CHA - TONGUE & GROOVE/CHANNEL CLA - CLAPBOARD CLT - CLAY TILE CMG - CB/METAL/GLASS PANEL CMS - CONCRETE MASONRY CMT - CONCRETE/METAL CMW - CORRUGATED METAL/WALLBOARD CNB - CONCRETE BLOCK CNT - CONCRETE TILE COM - COMPOSITION CON - CONCRETE COS - COPPER SIDING CRP - CORRUGATED PANEL CRS - CORRUGATED SIDING CSH - COMPOSITION SHINGLE CSI - COMPOSITION SIDING CSP - CORRUGATED STEEL PANEL CSS - COMPOSITION SIDING/STUCCO CST - CONCRETE STUCCO CUS - CUSTOM CWL - PORCELAIN/ENAMEL PANEL	nnn

PROP_EXTNW (cont'd)	EIF- RBW	EIF - INSULATED FINISH/EIFS FAB - FRAME ALUMINUM/BRICK FAV - FRAME/ALUMINUM/VINYL FBR - FIBERBOARD FCB - FRAME CONCRETE BLOCK/BRICK FCL - FRAME CLAPBOARD FHB - FRAME HARDBOARD FIB - FIBERGLASS FMM - FRAME/MASONRY FMV - FRAME/MASONRY/VENEER FPM - FRAME/PERMASTONE FPP - FRAME/PLYWOOD FRA - FRAME FRB - FRAME BRICK FRC - FRAME COMPOSITION FRE - FRAME/SHINGLE FRG - FRAME/GLASS FRM - FRAME/METAL FRS - FRAME/STONE FRV - FRAME/VINYL FRW - FRAME/WOOD FSB - FRAME SHINGLE/BRICK FSD - FRAME SIDING FSG - FRAME/STEEL/SIDING FSL - FRAME-STUD/LATH/STUC/ASB SDG FSM - FRAME/STEEL/METAL FSP - FRAME/STEEL PANEL FSS - FRAME/SHINGLE SIDING FST - FRAME/STUCCO FSV - FRAME/STONE/VENEER FSW - FRAME/WOOD SHINGLE FTS - FRAME/STUCCO/SIDING FTW - FRAME/TILE/WOOD FWB - FRAME WOOD/BRICK FWC - FRAME WOOD/STUCCO FWD - FRAME WOOD FWS - FRAME/WOOD SIDING	GLA - GLASS GLB - BRICK/GLASS GLL - ALUMINUM/GLASS GLM - GLASS/METAL GLS - GLASS/STEEL GMA - GLASS/MASONRY GST - GLASS/STONE GUN - GUNITE GWD - GLASS/WOOD HAR - HARDBOARD HAY - HAYDITE HBP - HARDBOARD/PLYWOOD HBV - HARDBOARD/VINYL HRW - HARDWOOD IMI - SYNTHETIC PANEL/SIDING INC - FIREPROOF/FIRE RETARDANT IRN - IRON POST/CORRUGATED IRON LOG - LOG LPS - LAP SIDING LWS - LOG/WOOD SHINGLE MAR - MARBLE MAS - MASONITE MBS - MARBLE/STONE MEL - METAL/STEEL MET - METAL MIX - MIXTURE MLS - METAL/STUCCO MSC - MASONITE/STUCCO MSH - MASONITE/SHEATHING MSM - MASONRY/METAL MSN - MASONRY MSS - MASONRY/STONE MST - MASONITE/STONE MSV - MASONITE/VINYL MSW - MASONITE/WOOD MTP - METAL PANEL	MTS - METAL SIDING MVN - MASONRY VENEER MVS - METAL/STONE/VENEER MWD - METAL/WOOD MWF - METAL/WOOD FRAME MYS - MASONRY/STUCCO MYW - MASONRY/WOOD OPE - OPEN END PAB - POST & BOARD PAN - PANEL PCP - PRECAST CONCRETE PANEL PCW - PRECAST CURTAIN WALLS PER - PERMASTONE PFM - PREFAB METAL PFW - PREFAB WOOD PLS - PLASTER PLY - PLYWOOD POR - PORCELAIN/ENAMEL PANEL PRB - PRESSBOARD PRC - PRECAST CONCRETE PRF - PREFAB PRP - PREFAB PANEL PST - PANEL/STUCCO PTP - PRECAST TEXTURED PANEL PWD - PERMASTONE/WOOD PWF - PLYWOOD/WOOD FRAME PWP - PREFAB WOOD PANEL RBW - BRICK/CONCRETE BLOCK/WOOD	nnn
	ROC- XXX	ROC - ROCK/STONE SBR - SIMULATED BRICK, ROCK, STONE SDS - SIDING SHEATHING SEW - STEEL/WOOD SFW - STEEL FRAME/WOOD SGL - SOLAR GLASS SGS - SHINGLE SIDING SGW - SHINGLE/WOOD SHB - SHINGLE/BRICK SHE - SHEATHING SHI - SHINGLE SHS - SHEATHING/STUCCO SHW - SHEATHING/WOOD SIN - SINGLE SLU - SLUMP SNS - STONE/SIDING SNW - STONE/WOOD SPR - GUNITE/SPRAYCRETE SSC - STONE/STUCCO SSD - STONE/WOOD SIDING SSF - FRAME/STUCCO SHINGLE SSG - STAINLESS STEEL W/BRONZED GLASS SSH - SLATE SSS - SHINGLE/STUCCO SST - STEEL/STUCCO SSW - SHINGLE SIDING/WOOD FRAME STE - STEEL STF - STEEL FRAME STM - STUCCO/MASONRY STO - STONE STP - STEEL/PANEL STT - STUCCO/TILE STU - STUCCO STV - STONE VENEER STW - STUCCO/TILE/WOOD	STY - STYROFOAM STUCCO SUV - STUCCO/VINYL SVE - STUCCO/VENEER SVF - STONE VENEER/WOOD FRAME SVL - STONE/VINYL SVW - STONE/VENEER/WOOD SWD - STUCCO/WOOD SWF - STUCCO/WOOD FRAME SWS - STONE/WOOD FRAME TAP - TAR PAPER TIL - TILE TLU - TILT-UP/CONCRETE TUU - TILT-UP VIN - VINYL VIT - VITROLITE VNW - VINYL/WOOD WAF - WAFERBOARD WAS - WOOD/ALUMINUM/COMPOSITION SHIN WDA - WOOD/ALUMINUM WDF - WOOD FRAME WDH - WOOD SIDING/SHINGLE WDS - WOOD SHEATHING WDV - WOOD VENEER WFA - WOOD FRAME/ASBESTOS WFS - WOOD FRAME/SIDING WFF - WOOD FRAME/VINYL WFX - WOOD FRAME(STUCCO OR ASBESTOS) WLB - WALLBOARD WOO - WOOD WOS - WOOD SIDING WRB - WEATHERBOARD WSS - WOOD SHAKE/SHINGLE WWL - WINDOW WALL WWS - WALLBOARD/WOOD SHINGLE XXX - CBS/HOLW TILE/FR/STUD/SHEAT/SD		

<div>PROP_EXTNW (cont'd)</div>	<div>ADC-WSH</div>	<div>ADC - ART DECO AFR - A-FRAME AIR - AIRLITE ANT - ANTIQUE/HISTORIC BIL - BI-LEVEL BUN - BUNGALOW CAB - CABIN CAP - CAPE COD CEN - CENTER HALL CHL - CHALET/ALPINE CLU - CLUSTER CND - CONDOMINIUM COA - COACH/CARRIAGE HOUSE COL - COLONIAL COV - CONVERTED SCHOOL CTB - COTTAGE/BUNGALOW DES - CUSTOM/DESIGNER/ESTATE DOM - DOME DUP - DUPLEX EUR - EUROPEAN FAR - FARM HOUSE FED - FEDERALIST GAM - GAMBREL/BARN GEO - GEODESIC GOT - GOTHIC GRA - GARAGE APARTMENT GRE - GREEK REVIVAL GRG - GEORGIAN GRS - GARRISON/FRONTIER HRI - HIGH RISE HSH - H-SHAPE LRI - LOW RISE LSH - L-SHAPE MAN - MANSION MDR - MODULAR/PREFAB</div>	<div>MED - MEDITERRANEAN MIS - MISSION MLF - MULTI-FAMILY MLL - MULTI-LEVEL MOB - MOBILE HOME MOD - MODERN MRI - MID RISE NEN - NEW ENGLAND OLD - OLD OLE - OLD ENGLISH PAT - PATIO-HOME QLV - QUAD-LEVEL QUA - QUADRAPLEX RAM - RAMBLER RAN - RANCH REC - RECTANGULAR DESIGN ROW - ROW HOUSE RRA - RAISED RANCH SLT - SALT BOX SP - SPANISH SPF - SPLIT FOYER SPL - SPLIT LEVEL SQU - SQUARE DESIGN STR - STRAIGHT THROUGH SWN - SOUTHWESTERN TLV - TRI-LEVEL TPX - TRIPLEX TRA - TRADITIONAL TRN - TRINITY TUD - TUDOR TWN - TOWNHOUSE UND - UNDERGROUND/BERM USH - U-SHAPE VIC - VICTORIAN WIL - WILLIAMSBURG WSH - W-SHAPE</div>	<div>nnn</div>
<div>PROP_VALCALC</div>	<div>The “total” (i.e., land + improvement) value closet to current market value used for assessment by county or local taxing authorities.</div>			<div>Integer (dollars)</div>
<div>PROP_IMP_VALCALC</div>	<div>The “improvement” value closest to current market value used for assessment by county or local taxing authorities.</div>			<div>Integer (dollars)</div>
<div>PROP_VAL_CALCIND</div>	<div>Property Value type</div>			<div>A,M,P,T or blank</div>
	<div>A - Assessed M - Market</div>	<div>P - Appraised T - Transitional</div>		
<div>PROP_IMP_VALCALC_IND</div>	<div>The “improvement” value indicator</div>			<div>A, M, P, or T</div>
	<div>A - Assessed M - Market</div>	<div>P - Appraised T - Transitional</div>		
<div>PROP_ASSED_VAL</div>	<div>The Total Assessed Value of the Parcel's Land & Improvement values as provided by the county or local taxing/assessment authority.</div>			<div>Integer (dollars)</div>
<div>PROP_ASSED_IMPVAL L</div>	<div>Assessed Improvement Value</div>			<div>Integer (dollars)</div>
<div>PROP_MRKTVAL</div>	<div>Total Market Value</div>			<div>Integer (dollars)</div>
<div>PROP_MRKT_IMPVAL L</div>	<div>Market Improvement Values</div>			<div>Integer (dollars)</div>
<div>PROP_APPRAISED_V AL</div>	<div>Total Appraised Value</div>			<div>Integer (dollars)</div>

PROP_APPRAISED_I MPVAL	Appraised Improvement Values			Integer (dollars)
PROP_EFFYRBLD	Effective Year Built			YYYY
PROP_VIEW	<div>0 - NONE</div> <div>999 - BYPASS</div> <div>VAI - AIRPORT</div> <div>VAV - AVERAGE</div> <div>VBA - BAY</div> <div>VBE - BEST</div> <div>VBR - BETTER</div> <div>VCA - CANAL</div> <div>VCI - CITY</div> <div>VCL - CREEK/LAKE</div> <div>VCN - CANYON</div> <div>VCP - CONSERVATION / PROTECTED AREA</div> <div>VCV - CANYON/VALLEY</div> <div>VEX - EXCELLENT</div> <div>VFA - FAIR</div> <div>VGC - GOLF COURSE</div> <div>VGO - GOOD</div> <div>VGP - GREENBELT/PARK</div> <div>VGU - GULF</div> <div>VHM - HILLS/MOUNTAINS</div> <div>VHV - HILL/VALLEY</div> <div>VIN - INFERIOR</div> <div>VIT - INLAND WATERWAY</div> <div>VIW - INTERCOASTAL WATERWAY</div> <div>VLA - LAKE</div> <div>VLG - LAGOON</div> <div>VLP - LAKE/POND</div> <div>VMN - MOUNTAIN</div> <div>VMO - MOUNTAIN/OCEAN</div> <div>VOB - OBSTRUCTED</div> <div>VOC – OCEAN</div> <div>VPA – PARK</div> <div>VPD – POND</div> <div>VPG - PARKING</div> <div>VPI - PRIME</div> <div>VPL - POOL</div> <div>VPM - PREMIUM</div> <div>VPR - POOR</div> <div>VRC - RECREATIONAL</div> <div>VRD - ROAD</div> <div>VRR - RIVER</div> <div>VSD - STANDARD</div> <div>VSN - SUBURBAN</div> <div>VSR - SUPERIOR</div> <div>VST - STREET</div> <div>VTY - TYPICAL</div> <div>VWD - WOODLAND</div> <div>VWR - WATER</div>			nnn
PROP_LCTN_INFL	999-IMO	<div>999 - BYPASS</div> <div>IAC - ALLEY/CORNER</div> <div>IAG - AGRICULTURAL</div> <div>IAI - AIRPORT</div> <div>IAL - ALLEY</div> <div>IAV - AVERAGE</div> <div>IBA - BAY ACCESS</div> <div>IBB - BEHIND BAY FRONT</div> <div>IBC - BEACH</div> <div>IBF - BAY FRONT</div> <div>IBG - BEHIND GULF FRONT</div> <div>IBI - BAY FRONT ISLAND</div> <div>IBL - BACK LOT</div> <div>IBM - BAY FRONT MAIN-LAND</div> <div>IBR - BEACH ROAD</div> <div>IBS - BUSINESS</div> <div>IBU - BAYOU</div> <div>IBY - BAY</div> <div>ICA - CANAL</div> <div>ICC - CREEK</div> <div>ICD - CANAL DRAINAGE</div> <div>ICE - CORNER/EXTRA FRONT</div> <div>ICF - CANAL FRONT</div> <div>ICI - CANAL FRONT ISLAND</div> <div>ICK - CREEK/RIVER</div> <div>ICL - CORNER/LANDLOCK</div> <div>ICM - CANAL MAIN-LAND</div> <div>ICN - CORNER/WOODLOT/WATERFRONT</div> <div>ICO - CORNER/WOODLOT</div> <div>ICR - CORNER</div> <div>ICS - CORNER/RESTRICTIONS</div> <div>ICT - CORNER/WATERFRONT</div> <div>ICU - CUL-DE-SAC</div> <div>ICW - CORNER/LANDLOCK/WOODLOT</div> <div>ICY - CITY</div> <div>IDD - DEAD END</div> <div>IDE - DRAINAGE EASEMENT</div> <div>IDO - DOWNTOWN</div> <div>IDR - DRAINAGE</div> <div>IDS - DESIRABLE</div> <div>IDU - DUPLEX LOTS</div> <div>IEF - EXTRA FRONT</div> <div>IEL - EXPENSIVE LAND</div> <div>IER - EXTRA FRONT/RESTRICTIONS</div> <div>IES - EASEMENT</div> <div>IFD - FLOOD LINE</div> <div>IFL - FOUR PLEX LOT</div> <div>IFP - FLOOD PLAIN</div> <div>IGC - GOLF COURSE</div> <div>IGG - GREENBELT/GOLF COURSE</div> <div>IGL - GOLF/LAKE</div> <div>IGO - GOOD</div> <div>IGR - GREENBELT</div> <div>IGU - GULF</div> <div>IGW - GOLF/WATER</div> <div>IHI - HIGHWAY</div> <div>IIC - INSIDE CITY</div> <div>IIF - ISLAND GULF FRONT</div> <div>IIN - INDUSTRIAL</div> <div>IIO - IN-OUT CITY</div> <div>IIT - INLAND WATERWAY</div> <div>IIW - ISLAND NO WATERFRONT</div> <div>ILA - LAGOON</div> <div>ILD - LANDLOCKED/WOODLOT/WATERFRONT</div> <div>ILF - LAKE FRONT</div> <div>ILK - LAKE</div> <div>ILL - LANDLOCKED</div> <div>ILP - LAKE/POND</div> <div>ILT - LANDLOCKED/WOODLOT</div> <div>ILW - LANDLOCKED/WATERFRONT</div> <div>IMH - MOBILE HOME</div> <div>IML - MAIN LAND</div> <div>IMO - MOUNTAIN</div>	nnn	
	INB-SPR	<div>INB - NON BUILDABLE</div> <div>INC - INTRACOASTAL</div> <div>INE - NEIGHBORHOOD</div> <div>INR - INFERIOR</div> <div>INT - INTERIOR</div> <div>IOC - OCEAN</div> <div>IOS - OPEN SPACE</div> <div>IOT - OUTSIDE CITY</div> <div>IPA - PARK LAND</div> <div>IPC - POOR ACCESS</div> <div>IPD - POND</div> <div>IPE - PERIMETER LOT</div> <div>IPF - PARK FRONT</div> <div>IPO - POOL</div> <div>IPR - PRESERVE</div> <div>IPS - POOR ACCESS</div> <div>IPV - PRIVATE ROAD</div> <div>IRA - RAVINE</div> <div>IRC - RECREATIONAL</div> <div>IRE - REAR</div> <div>IRI - RIVER</div> <div>IRL - IRREGULAR LOT</div> <div>IRO - ROAD</div> <div>IRS - RESTRICTIONS</div> <div>IRU - RURAL</div> <div>ISD - SOUND</div> <div>ISL - SUBMERGED LAND</div> <div>IST - STREET</div> <div>ISU - SUBURBAN</div> <div>ITH - TOWNHOUSE</div> <div>ITL - TRI PLEX LOT</div> <div>ITR - TRAFFIC</div> <div>IUR - URBAN</div> <div>IVA - VALLEY</div> <div>IWA - WATER ACCESS</div> <div>IWC - WATER/CUL-DE-SAC</div> <div>IWE - WETLAND</div> <div>IWF - WATERFRONT</div> <div>IWL - WOODLAND</div> <div>IWS - WATERFALLS</div> <div>IWT - WATER</div> <div>IWW - WOODLOT/WATERFRONT</div> <div>IYA - APT/CONDO COMPLEX</div> <div>IYB - BUSINESS CLUSTER</div> <div>IYC - CENTRAL BUSINESS</div> <div>IYD - COMMERCIAL/INDUSTRIAL</div> <div>IYI - INDUSTRIAL SIZE</div> <div>IYM - MAJOR STRIP</div> <div>IYN - NEIGHBORHOOD / SPOT</div> <div>IYP - PERM CENTRAL BUSINESS</div> <div>IYS - SECONDARY BUS STRIP</div> <div>IZL - ZERO LOT LINE</div> <div>LAE - UNIT ABUTS ELEVATOR</div> <div>LAV - AVERAGE</div> <div>LCH - CONDOMINIMUM HI-RISE</div> <div>LCL - CONDOMINIMUM LO-RISE</div> <div>LCO - CONDO</div> <div>LCU - CORNER UNIT</div> <div>LCV - CONDOMINIMUM VILLAS</div> <div>LDU - DUPLEX</div> <div>LEU - END UNIT</div> <div>LEX - EXCELLENT</div> <div>LFD - FIRE DAMAGE</div> <div>LFU - FRONT UNIT</div> <div>LGO - GOOD</div> <div>LIN - INFERIOR</div> <div>LIU - INTERIOR UNIT</div> <div>LOC - OUTSIDE CITY</div> <div>LPH - PENTHOUSE</div> <div>LRC - RECREATIONAL</div> <div>LRI - RIVER</div> <div>LRU - REAR UNIT</div> <div>LSP - SPLIT PLAN/MASTER</div> <div>LSU - SUPERIOR</div> <div>LTY - TYPICAL</div> <div>LXU - EXTERIOR UNIT</div> <div>SAC - APARTMENT/CONDO</div> <div>SAP - APARTMENT</div> <div>SBU - BUILDABLE</div> <div>SCI - CITY</div> <div>SCO - COMMERCIAL</div> <div>SEC - SECONDARY</div> <div>SFR - FRONT</div> <div>SHS - HOMESITE</div> <div>SIN - INDUSTRIAL</div> <div>SIS - INSTITUTIONAL</div> <div>SMH - MOBILE HOME</div> <div>SNE - NEIGHBORHOOD</div> <div>SPR - PRIMARY</div>		

PROP_LCTN_INFL (cont'd)	SRE- VWR	SRE - RESIDUAL SRH - REHABILITATION SRO - ROAD SRR - RESTAURANT SRU - REAR UNIT SSE - WAREHOUSE SXC - EXCESS VAI - AIRPORT VAV - AVERAGE VBA - BAY VBE - BEST VBL - BLUFF VBR - BETTER VCA - CANAL VCI - CITY VCL - CREEK/LAKE VCN - CANYON VCP - MONSERVATION / PROTECTED AREA	VCV - CANYON/VALLEY VEX - EXCELLENT VFA - FAIR VGC - GOLF COURSE VGO - GOOD VGP - GREENBELT/PARK VGU - GULF VHM - HILLS/MOUNTAINS VHV - HILL/VALLEY VIN - INFERIOR VIS - INTERSTATE VIT - INLAND WATERWAY VIW - INTERCOASTAL WATERWAY VLA - LAKE VLG - LAGOON VLP - LAKE/POND VMN - MOUNTAIN VMO - MOUNTAIN/OCEAN VOB - OBSTRUCTED	VOC - OCEAN VPA - PARK VPD - POND VPG - PARKING VPI - PRIME VPL - POOL VPM - PREMIUM VPR - POOR VRC - RECREATIONAL VRD - ROAD VRR - RIVER VSD - STANDARD VSN - SUBURBAN VSR - SUPERIOR VST - STREET VTY - TYPICAL VWD - WOODLAND VWR - WATER	nnn
PROP_ACRES	Total land mass in acres. (4 decimal points). Example: 13000- 1.3 acres.				Integer
PROP_LANDSQFT	Total land mass in Square Feet.				Integer
PROP_UNVBLSQFT	Building Square Footage				Integer
PROP_BLDSQFTIND	Square foot type indicator, 1 character max.				R,H,M,B,A,L,G or blank
	R - GROUND FLOOR LEVEL H - HEATED AREA M - MAIN OR BASE AREA B - BUILDING	A - ADJUSTED L - LIVING G - GROSS			
PROP_BLDSQFT	Building Square feet				Integer
PROP_LIVINGSQFT	The area of a building that is used for general living.				Integer
	This is typically the area of a building that is heated or air conditioned and does not include Garage, Porch or Basement square footage.				
PROP_GROSSSQFT	Building Square Footage				Integer
PROP_ADJGROSSSQ F	Square Footage for Improvement Value				Integer
PROP_RMS	Total number of rooms contained in the primary building.				Integer
PROP_BEDRMS	Total number of bedrooms contained in the primary building.				Integer
PROP_BATHSCALC	Number of Bathrooms				Integer
PROP_BATHS	Total number of bathrooms, 2 implied decimal places. 2.00 baths - 200.				Integer
PROP_FULLBATHS	Total number of Full Baths (typically comprised of a sink, toilet, and bathtub / shower stall).				Integer
	A home containing 2 1/2 baths would have the number 2 stored in this field.				

PROP_AC	The type of air conditioning method used to cool the building			nnn (3 characters)	
	(e.g., Central, Wall Unit, Evaporative): 0- AC.NONE ACA- AC.COMMERCIAL A/C ACE- AC.CENTRAL ACH- AC.CHILLED WATER ACP- AC.CENTRAL PARTIAL ACW- AC.CENTRAL & UNIT ADU- AC.DUAL UNIT AEV- AC.EVAPORATIVE AFA- AC.FAN COOLING AHT- AC.HEAT PUMP AOF- AC.OFFICE ONLY	APF- AC.REFRIGERATION APK- AC.PACKAGE APR- AC.PACKAGE ROOF APT- AC.PARTIAL APV- AC.REFRIGERATION/EVAPORATION ASE- AC.SEPARATE SYSTEM ASO- AC.SOLAR ASP- AC.SPLIT SYSTEM AWA- AC.WALL UNIT AWI- AC.WINDOW UNIT AWN- AC.WALL/WINDOW UNIT			
PROP_FRPL	This field is populated with a "Y" if a fireplace is located within the building.			Y or blank	
PROP_FND	0 - NONE 999 - BYPASS BLK - BLOCK BRK - BRICK CNB - CONCRETE BLOCK CNF - CONTINUOUS FOOTING CNW - CONTINUOUS WALL CRB - CONCRETE/BEAM CRE - CONCRETE CRS - CROSS BRIDGED/WALLS DRE - DIRT/EARTH GDB - GRADE-BEAM MSN - MASONRY MUD - MUD SILL PIL - PILINGS PIR - PIER	PPI - PIPE/IRON PRE - PRE-FAB RAB - RAISED W/BASEMENT RAC - RAISED W/CRAWSPACE RAS - RAISED SDF - SPREAD FOOTING SLB - SLAB STD - STANDARD STE - STEEL STM - STEM WALL STN - STONE UBM - TYPE UNKNOWN WITH BASEMENT UCR - TYPE UNKNOWN WITH CRAWSPACE UPB - TYPE UNKNOWN WITH PART BASEMEN WOO - WOOD	nnn		
PROP_FLR	Floor Construction Type			nnn	
	999 - BYPASS A - CONCRETE B - WOOD C - PLYWOOD D - CONCRETE/ASPHALT E - BRICK F - ACRYLIC G - ASBESTOS H - GRAVEL I - SLATE	J - DIRT K - CINDER BLOCK L - ASPHALT M - BRICK/STONE N - BRICK/STONE/SLATE P - METAL DECK Q - METAL GRATING R - CORRUGATED DECK S - WOOD SHEATHING T - STEEL-FLAT-SLAB			
PROP_GAR	0-570	0 - NONE 1 - UNDEFINED TYPE 2 - UNDEFINED TYPE - 2 CAR 3 - UNDEFINED TYPE - 3 CAR 4 - UNDEFINED TYPE - 4 CAR 5 - UNDEFINED TYPE - 5 CAR 6 - UNDEFINED TYPE - 6 CAR 10 - ATTACHED GARAGE/CARPORT 20 - ATTACHED BASEMENT 30 - DETACHED BASEMENT 40 - DETACHED GARAGE/CARPORT 50 - ENCLOSED BRICK GARAGE/CARPORT 60 - BASEMENT FINISHED 61 - FINISHED BASEMENT - 1 CAR 62 - FINISHED BASEMENT - 2 CAR 63 - FINISHED BASEMENT - 3 CAR 64 - FINISHED BASEMENT - 4 CAR 70 - FINISHED BUILT IN 80 - UNFINISHED BASEMENT 81 - UNFINISHED BASEMENT - 1 CAR 82 - UNFINISHED BASEMENT - 2 CAR 83 - UNFINISHED BASEMENT - 3 CAR	84 - UNFINISHED BASEMENT - 4 CAR 90 - UNFINISHED BUILT IN 100 - PREFAB 110 - BASEMENT 112 - BASEMENT - 2 CAR 113 - BASEMENT - 3 CAR 114 - BASEMENT - 4 CAR 115 - BASEMENT - 5 CAR 116 - BASEMENT - 6 CAR 120 - BUILT IN 121 - BUILT IN - 1 CAR 122 - BUILT IN - 2 CAR 130 - BUILT UNDER 140 - GARAGE/CARPORT 170 - FINISHED BRICK GARAGE 200 - FINISHED ATTACHED MASONRY 210 - UNFINISHED ATTACHED MASONRY 220 - DETACHED MASONRY 230 - FINISHED DETACHED MASONRY GARA 240 - FINISHED MASONRY 250 - UNFINISHED MASONRY 260 - MASONRY 270 - ATTACHED METAL 280 - DETACHED METAL 290 - METAL/WOOD 300 - SALT BOX 310 - STEEL 320 - ATTACHED STONE	330 - DETACHED STONE 340 - FINISHED STONE 350 - UNFINISHED STONE 360 - STONE 370 - ATTACHED STUCCO 380 - STUCCO 400 - ATTACHED WOOD 410 - DETACHED WOOD 420 - ATTACHED MASONRY GARAGE 430 - UNFINISHED WOOD 440 - WOOD 450 - ATTACHED 451 - ATTACHED - 1 CAR 452 - ATTACHED - 2 CAR 453 - ATTACHED - 3 CAR 454 - ATTACHED - 4 CAR 460 - ATTACHED FINISHED 470 - UNFINISHED ATTACHED 480 - ENCLOSED DETACHED 490 - DETACHED FINISHED 500 - UNFINISHED DETACHED 501 - UNFINISHED DETACHED FRAME GARA 502 - UNFINISHED DETACHED MASONRY GA 510 - ENCLOSED 520 - ALUMINUM 530 - ALUMINUM/WOOD 540 - DETACHED BLOCK 550 - UNFINISHED DETACHED BLOCK 560 - FINISHED BLOCK 570 - PREFAB METAL	nnn

PROP_GAR (cont'd)	580- N00	580 - BLOCK 590 - DETACHED BLOCK/FRAME 600 - WOOD FRAME 610 - ATTACHED BRICK 620 - DETACHED BRICK 640 - UNFINISHED BRICK 650 - BRICK 660 - BRICK/FRAME 670 - MASONRY/BRICK 680 - DETACHED BRICK/STONE 690 - BRICK/STONE 701 - DETACHED CINDERBLOCK - 1 CAR 710 - CONCRETE 716 - CONCRETE - 6 CAR 720 - ATTACHED CONCRETE BLOCK 730 - DETACHED CONCRETE BLOCK 740 - FINISHED CONCRETE BLOCK 750 - UNFINISHED CONCRETE BLOCK 760 - CONCRETE BLOCK 770 - UNFINISHED STUCCO/CONCRETE BLO 780 - ATTACHED FRAME 790 - FINISHED ATTACHED FRAME 800 - UNFINISHED ATTACHED FRAME 000 - ALUMINUM/WOOD CARPORT P00 - CONCRETE CARPORT	Q00 - CONCRETE BLOCK CARPORT R00 - FRAME CARPORT S00 - DETACHED GABLE/HIP CARPORT T00 - ATTACHED GABLE/HIP CARPORT U00 - DETACHED ALUMINUM CARPORT V01 - DETACHED CARPORT - 1 CAR V02 - DETACHED CARPORT - 2 CAR W00 - PREFAB CARPORT Z00 - OPEN CARPORT 810 - DETACHED FRAME 820 - DETACHED FRAME FINISHED 830 - ENCLOSED FRAME 840 - FINISHED FRAME 850 - UNFINISHED FRAME 860 - DETACHED FRAME/CONCRETE BLOCK 880 - LOG 890 - VINYL GARAGE 900 - FINISHED 910 - UNFINISHED 911 - UNFINISHED - 1 CAR 912 - UNFINISHED - 2 CAR 913 - UNFINISHED - 3 CAR 920 - DETACHED 921 - DETACHED - 1 CAR 922 - DETACHED - 2 CAR 923 - DETACHED - 3 CAR	924 - DETACHED - 4 CAR 930 - COVERED PARKING/GARAGE 940 - DETACHED FINISHED STUCCO 950 - FRAME 960 - FRAME/CONCRETE BLOCK 971 - UNDEFINED TYPE - 1 CAR 980 - METAL 999 - BYPASS 00X - UNDEFINED TYPE - 10 CAR A00 - CARPORT A01 - CARPORT - 1 CAR A02 - CARPORT - 2 CAR A03 - CARPORT - 3 CAR A04 - CARPORT - 4 CAR A05 - CARPORT - 5 CAR A06 - CARPORT - 6 CAR ADP - ADEQUATE CAPACITY B00 - ATTACHED CARPORT C00 - DETACHED CARPORT D00 - ENCLOSED CARPORT E00 - FINISHED DETACHED CARPORT F00 - UNFINISHED DETACHED CARPORT G00 - COVERED CARPORT H00 - UNFINISHED CARPORT I00 - FINISHED CARPORT J00 - MASONRY CARPORT K00 - METAL CARPORT L00 - WOOD CARPORT M00 - ALUMINUM CARPORT N00 - ALUMINUM FRAME CARPORT	nnn
PROP_HEAT		0 - NONE 999 - BYPASS 00A - ELECTRIC/SOLAR 00C - COAL 00D - GAS/WOOD 00E - ELECTRIC 00G - GAS 00I - ELECTRIC/OIL 00M - GAS STEAM 00N - SOLAR/COAL/WOOD 00O - OIL 00P - COAL/WOOD 00Q - SOLAR/OIL 00R - ELECTRIC/RADIANT 00S - SOLAR 00T - ELECTRIC/HOT WATER WOOD 00Y - OIL/WOOD 00Z - GAS SOLAR ACE - CENTRAL BB0 - BASEBOARD BBE - BASEBOARD ELECTRIC BBG - BASEBOARD GAS BBO - BASEBOARD OIL BBP - BASEBOARD COAL/WOOD BHO - BASEBOARD HOT WATER BRE - BASEBOARD ELECTRIC/RADIANT BS0 - BASEBOARD HOT WATER/STEAM BTE - BASEBOARD ELECTRIC/HOT WATER CFO - CENTRAL FORCED AIR CFO - CENTRAL FORCED AIR OIL CLO - CENTRAL CLE - CENTRAL ELECTRIC CLG - CENTRAL GAS CPO - CENTRAL PARTIAL CVO - CONVECTION CVE - CONVECTION ELECTRIC CVG - CONVECTION GAS CVO - CONVECTION OIL FA0 - FORCED AIR FAC - FORCED AIR COAL FAE - FORCED AIR ELECTRIC FAG - FORCED AIR GAS	FAH - FORCED HOT WATER FAO - FORCED AIR OIL FAW - FORCED AIR WOOD FC0 - CEILING FURNACE FCW - FORCED AIR COAL/WOOD FF0 - FLOOR FURNACE FFE - FLOOR FURNACE ELECTRIC FFG - FLOOR FURNACE GAS FFL - FLOOR FURNACE COAL/WOOD FFO - FLOOR FURNACE OIL FLO - FLOOR/WALL FURNACE FNO - FORCED AIR NOT DUCTED FPO - FIREPLACE FR0 - FURNACE FRC - FURNACE COAL FRE - FURNACE ELECTRIC FRG - FURNACE GAS FRW - WOOD FURNACE FS0 - FURNACE/STOVE GFO - GRAVITY FURNACE GFG - GRAVITY FURNACE GAS GNO - GRAVITY NOT DUCTED GRO - GRAVITY GRC - GRAVITY COAL GRE - GRAVITY ELECTRIC GRG - GRAVITY GAS GRO - GRAVITY OIL GRS - GRAVITY SOLAR HA0 - HOT AIR HAE - HOT AIR ELECTRIC HAO - HOT AIR OIL HAS - HOT AIR SOLAR HNO - HOT AIR NOT DUCTED HPO - HEAT PUMP HPE - HEAT PUMP ELECTRIC HPG - HEAT PUMP GAS HPH - HEAT PUMP HOT WATER HPL - HEAT PUMP COAL/WOOD HPO - HEAT PUMP OIL HPS - HEAT PUMP SOLAR HS0 - HOT WATER STEAM HW0 - HOT WATER HWE - HOT WATER/ELECTRIC HWG - HOT WATER GAS HWL - HOT WATER COAL/WOOD	HWO - HOT WATER OIL HWS - HOT WATER SOLAR HWW - HOT WATER WOOD INO - INDUSTRIAL JTO - JETS NDO - NOT DUCTED PK0 - PACKAGE PKE - PACKAGE ELECTRIC PT0 - PARTIAL RC0 - RADIANT CEILING RDO - RADIANT RDE - RADIANT ELECTRIC RDG - RADIANT GAS RDH - RADIANT HOT WATER RDI - RADIANT ELECTRIC/OIL RDW - RADIANT WOOD RGO - RADIANT HOT WATER OIL RR0 - RADIATOR RS0 - RADIANT STEAM SP0 - SPACE SPG - SPACE GAS SPL - SPACE COAL/WOOD SPO - SPACE OIL SS0 - STOVE/SPACE ST0 - STEAM STE - STEAM ELECTRIC STG - STEAM GAS STH - STEAM HOT WATER STO - STEAM OIL STW - STEAM WOOD SV0 - STOVE SVG - STOVE GAS UN0 - UNIT UNE - UNIT ELECTRIC UNG - UNIT GAS WA0 - WARM AIR WFO - WALL FURNACE WFL - WALL FURNACE COAL/WOOD WFO - WALL FURNACE OIL WHO - WALL HEAT PUMP WL0 - WALL WLE - WALL ELECTRIC WLG - WALL GAS WS0 - WOOD STOVE WU0 - WALL UNIT	nnn

PROP_ENERGY	Type of Electricity		nnn
	0 - NONE 999 - BYPASS EAG - AVERAGE WIRING EAV - AVAILABLE EBA - BELOW AVERAGE WIRING ECN - CONNECTED EEX - EXTENSIVE WIRING EGO - GOOD WIRING EHE - HEAVY WIRING	ELI - LIGHT WIRING EMA - MAXIMUM WIRING EME - MEDIUM WIRING EMI - MINIMAL WIRING EOY - OVERHEAD WIRES EPR - PRIVATE SOURCE ETY - TYPICAL WIRING EUN - UNDERGROUND WIRES	
PROP_FUEL	0 - NONE 999 - BYPASS 00C - HEAT.COAL 00D - HEAT.GAS/WOOD 00E - ELECTRIC 00G - HEAT.GAS 00I - HEAT.ELECTRIC/OIL 00M - HEAT.GAS STEAM 00N - HEAT.SOLAR/COAL/WOOD 00O - HEAT.OIL 00P - HEAT.COAL/WOOD 00Q - HEAT.SOLAR/OIL 00R - HEAT.ELECTRIC/RADIANT 00S - HEAT.SOLAR 00T - HEAT.ELECTRIC/HOT WATER 00W - HEAT.WOOD 00Y - HEAT.OIL/WOOD 00Z - HEAT.GAS SOLAR	FBU - BUTANE FCO - COAL FCV - CONVECTION FCW - COAL/WOOD FEL - ELECTRIC FGA - GAS FGN - NO GAS PUBLIC/PIPED FGP - GAS PUBLIC/PIPED FGS - GAS/SOLAR FKE - KEROSENE FLP - LIQUEFIED PETROLEUM GAS FOI - OIL FOS - OIL/SOLAR FSO - SOLAR FWD - WOOD FWO - COAL/WOOD/OIL GTE - GEO THERMAL HEATING	String value
PROP_SEWER	Sewer Type		nnn
	0 - NONE 999 - BYPASS SPU - PUBLIC SCE - CESSPOOL	SSE - SEPTIC SPR - PRIVATE STR - STORM SCO - COMMERCIAL	
PROP_WATER	Water Supply Type, 3 characters max.		nnn
	0 - NONE 999 - BYPASS WPU - PUBLIC WSC - SPRING/CREEK WWE - WELL	WPR - PRIVATE WCO - COMMERCIAL WPW - PUBLIC WELL WCI - CISTERN	
PROP_HOMESTEAD	Homestead Qualified		Y or blank
PROP_XMTVET	Presence of Veteran		Y or blank
PROP_XMT_DISABLE D	Disabled Veteran		Y or blank
PROP_TAXAMT	The tax amount provided by the county or local taxing / assessment authority		Integer (dollars)
PROP_TAXYR	Tax Year		YYYY
PROP_SALESDEEDC D	Deed Type, 1 character max.		U,Q,X,T,G,D,F,J, L,N,R,S or blank
	U - FORECLOSURE Q - QUIT CLAIM X - MULTI CNTY/ST OR OPEN-END-MTG T - DEED OF TRUST G - DEED D - RELEASE OF DEED OF TRUST/MTG	F - FINAL JUDGEMENT J - MECHANIC LIENS L - LIS PENDENS N - NOTICE OF DEFAULT R - RELEASE/RECISION S - LOAN ASSIGNMENT	
PROP_SALEAMT	Price of the sale as depicted on the recorded sales transaction.		Integer (dollars)

PROP_SALECD	Sale Code		V,R,P,C,N,F,E,L or blank
	V - VERIFIED R - LEASE P - SALE PRICE (PARTIAL) C - CONFIRMED	N - STAMPS ON BACK/NON-DISCLOSED F - SALE PRICE (FULL) E - ESTIMATED L - COMMITTED	
PROP_SALESTRANS CD	Sale Type		1,2,3,4,6,7,9,D,S or blank
	1 - RESALE 2 - REFINANCE 3 - SUBDIVISION/NEW CONSTRUCTION 4 - TIMESHARE 6 - CONSTRUCTION LOAN	7 - SELLER CARRYBACK 9 - NOMINAL D - RELEASE OF DEED S - ASSIGNMENT OF DEED OF TRUST	
PROP_OWNERCD	99 - SOME COUNTIES USE AS OTHER A - FORMS OF AGENT OWNERSHIP AD - FORMS OF AGENT OWNERSHIP DEED AG - FORMS OF AGENT OWNERSHIP GRANT AKA - ALSO KNOWN AS AS - ASSIGN CE - CARE EXECU CF - CARE FOR CO - CARE OF CP - COMMON PROP CR - CARE RENTER CS - COMMON RIGHTS CT - CARE TENANT DB - DEATH BENE E - SOME COUNTIES PREVIOUSLY USED THIS, NOW MOST HAVE GONE TO ES EA - ESTATE AND OTHERS ES - ESTATE EU - ESTATE AND HUSBAND COMMONLY USED EX - ESTATE AND WIFE OR SPOUSE FI - FUTURE INTEREST FLP - FUTURE LP GD - GUARDIAN HW - HIS WIFE IT - IN TRUST FOR JS - JOINT SURV JT - JOINT TENANTS JV - JOINT VENTURE LB - LIEN BEN LE - LIFE ESTATE LF - SOME USE LT, SOME USE THIS FOR FAMILY, NOT COMMONLY UTILIZED NOR WILL MOST NEW DEEDS REF TO THIS LP - LIMITED PARTNERSHIP LT - LIFE TEN LU - LIFE USAGE MA - MANAGED AGENT MM - MANAGED MINOR MS - THESE NOW REQUIRE USE OF MORE CLEAR CODES	MV - THESE NOW REQUIRE USE OF MORE CLEAR CODES MW - SOME USE WHEN MANAGED FOR WIFE N - KNOWN AS...NOW UTILIZING THE BELOW NS - KNOWN AS SOLE NT - KNOWN AS TENANT PR - POSSESSORY REN PS - POSSESSORY SURV/SOLE PT - POSSESSORY TEN REV - RIGHT OF VENDOR RM - RIGHT OF MEMBER RS - RIGHT OF SURVIVORSHIP R - REVOCABLE TRUST SE - SIMPLE ESTATE SI - SIMPLE INTEREST SM - MINOR SO - SOLE OWNER SP - ROLLED, NOT UTILIZED SU - SOLE UNDER AGR SW - ROLLED, NOT UTILIZED TA - ROLLED INTO BELOW, MAY HAVE UTILIZED WHEN AGENT INVOLVED NOT REQUIRES IND DISCLOSURES TC - TENANTS IN COMMON TE - TENANTS IN ENTIRETY TR - TRUSTEE TRU - REVOKEABLE TRUST TS - TRUST SALE, NOT USED IN MOST COUNTIES THEY PREFER TO DIFF BETWEEN TY - TRUST SALE REF UI - UNDER INT UM - UNDER MANAGE OF UN - UNDER NAME UW - UNDER WIFE WF - WARRANTY SALE XF - EXCHANGE W/IN FAMILY XX - FORM OF EXCHANGE SALE	nnn
PROP_LOANTOVAL	Loan To Value		String values
PROP_MTGAMT	Amount of loan.		Integer (dollars)
PROP_MTGDATE	Date mortgage was initiated.		YYYYMMDD

<div>PROP_MTGDEEDCD</div>	<div>W - WARRANTY DEED R - RELEASE/RECISION I - ALL INCLUSIVE DEED OF TRUST M - MORTGAGE D - DEED Q - QUIT CLAIM C - CONSTRUCTION DEED OF TRUST T - DEED OF TRUST A - ASSIGNMENT DEED X - MULTI CNTY/ST OR OPEN-END-MTG N - NOTICE OF DEFAULT S - LOAN ASSIGNMENT E - EXEMPTION DEED G - DEED 2 - TRUST AJ - ADMINISTRATOR JOINT TENANCY AD - ADMINISTRATOR'S DEED AF - AFFIDAVIT/AFFIDAVIT OF DEATH AG - AGREEMENT OF SALE AI - ALL INCLUSIVE DEED OF TRUST I - ALL INCLUSIVE DEED OF TRUST AA - ASSGNMT AND AGREEMENT OF SALE AL - ASSGNMT/ASSMPTN OF LEASE/SUBLS AN - ASSIGNMENT DEED AS - ASSIGNMENT OF DEED OF TRUST S - ASSIGNMENT OF DEED OF TRUST AP - ASSUMPTION AU - AUCTION B - BARGAIN & SALE DEED BA - BARGAIN & SALE DEED BS - BARGAIN & SALE DEED SC - CERTIF OF SALE-SHERIFF/MARSHLL TC - CERTIFICATE OF TITLE (FL) CO - COMMISSIONERS DEED CM - COMMISSIONER'S DEED CT - COMMITTEE DEED CN - CONDOMINIUM DEED CL - CONSTRUCTION DEED OF TRUST CS - CONTRACT OF SALE CV - CONVEYANCE DEED DC - CONVEYANCE DEED CP - CORPORATE DEED CR - CORPORATE DEED CQ - CORPORATION QUIT CLAIM DEED CD - CORRECTION DEED CA - COUNTY DEED DD - DEED V - DEED DL - DEED IN LIEU OF FORECLOSURE DA - DEED OF ASSUMPTION DI - DEED OF DISTRIBUTION DE - DEED OF EXCHANGE DR - DEED OF FULL RELEASE T - DEED OF TRUST TR - DEED OF TRUST DP - DOWN PYMT ASSISTANCE LOAN (SC) EQ - EQUITY OR CREDIT LINE XD - EXCHANGE DEED EJ - EXECUTOR JOINT TENANT EX - EXECUTORS DEED XP - EXEMPTION DEED FS - FEE SIMPLE DEED FI - FIDUCIARY DEED FJ - FINAL JUDGEMENT FD - FORECLOSURE DEED U - FORECLOSURE DEED FR - FORFEITURE DEED GW - GENERAL WARRANTY DEED GF - GIFT DEED G - GRANT DEED GD - GRANT DEED GU - GUARDIAN DEED GJ - GUARDIAN JOINT TENANT IM - INDEMNITY DEED OF TRUST</div>	<div>IV - INDIVIDUAL GRANT DEED IN - INSTITUTIONAL DEED IC - INTERCOMPANY DEED TRANSFER ID - INTERFAMILY DEED IF - INTERFAMILY DEED TRANSFER IS - INTERSPOUSAL DEED TRANSFER IT - INTERSPOUSAL DEED TRANSFER SU - JOINT SURVIVORSHIP/RIGHT OF JD - JOINT TENANCY DEED JT - JOINT TENANCY DEED QJ - JOINT TENANT QUIT CLAIM DEED LA - LEASE AGREEMENT LH - LEASEHOLD DEED TL - LEASEHOLD DEED OF TRUST LM - LIMITED WARRANTY DEED LP - LIS PENDENS MA - MARSHALLS DEED MD - MASTERS DEED (SC) MX - MECHANICS LIEN ML - MECHANIC'S LIEN CONTRACT OT - MISCELLANEOUS DOCUMENT M - MORTGAGE MG - MORTGAGE MF - MORTGAGE FORECLOSURE DEED MO - MORTGAGE MODIFICATION AGREEMNT X - MULTI-COUNTY/MULTI-STATE ~ - NOMINAL Z - NOMINAL N - NOTICE OF DEFAULT ND - NOTICE OF DEFAULT NF - NOTICE OF FORECLOSURE NS - NOTICE OF SHERIFF'S SALE NT - NOTICE OF TRUSTEE'S SALE PD - PARTNERSHIP GRANT DEED PN - PATENT (LAND) PO - PAY OFF DEED PJ - PERSONAL REP JOINT TENANT PR - PERSONAL REP'S DEED PV - PRIVATE SALE PB - PROBATE COURT DEED PA - PUBLIC AUCTION DEED PT - PUBLIC TRUSTEES DEED Q - QUIT CLAIM DEED QC - QUIT CLAIM DEED QD - QUIT CLAIM DEED RC - RECEIVER'S DEED RF - REFEREES DEED RL - RELEASE OF LIEN/LIS PENDENS MR - RELEASE OF MECHANICS LIEN RD - RERECORDED DEED R - REVOLVING LINE OF CREDIT RV - REVOLVING LINE OF CREDIT SE - SECURITY DEED OF TR (MTG GA) SO - SELLING OFFICER'S DEED (IL) ST - SETTLEMENT DEED SD - SHERIFF'S DEED SW - SPECIAL WARRANTY DEED SJ - SPECIAL WARRANTY DEED JOINT TE SA - STATE DEED SR - STRAW DEED SL - SUB LEASE TX - TAX DEED TT - TORRENS DOCUMENT TA - TRUST AGREEMENT F - TRUSTEE DEED TE - TRUSTEE'S DEED TD - TRUSTEE'S DEED(FORECLOSURE) TU - TRUSTEE'S DEED(TRANSFER) TJ - TRUSTEES JOINT TENANT UD - UNIT DEED W - WARRANTY DEED WD - WARRANTY DEED WJ - WARRANTY DEED JOINT TENANT</div>	<div>String value</div>
<div>PROP_LENDERNAM</div>	<div>Lender Name</div>	<div>String value</div>	
<div>PROP_MTGREFICD</div>	<div>Refi Type</div> <div>Y - YES T - TRUST</div>	<div>Y,T or blank</div>	



<i>PROP_RMSEQUITYC</i> <i>D</i>	Equity in Property	Y or blank
------------------------------------	--------------------	------------

Outputs (continued)

Auto Attributes: Up to 4 vehicles.

Output Field	Description		Return Values
MAKE	Vehicle Make, 30 characters max		String Value
MODEL	Vehicle Model, 30 characters max		String Value
YEAR	Vehicle Year		YYYY
VEH_CLASS	Vehicle Class Description:		String Value
	CROSSOVER FULL SIZE CAR FULL SIZE SUV FULL SIZE TRUCK FULL SIZE VAN MID SIZE CAR	MID SIZE TRUCK MID SIZE SUV MINIVAN SMALL CAR SMALL SUV SMALL TRUCK	
FUELTYPECD	Vehicle Fuel Code:		B, D, F, G, H, I, L, N, P, Y
	B – Biodieseldcolumn D – Diesel F - Flex-Fuel G – Gasoline H - Fuel Cell	I - Plug-In Electric L - Electric/Gas N - CNG (Compressed Natural Gas) P – Propane Y - Hybrid	
MFGCD	Vehicle Manufacturing Code		A,C, F, G, H, L, O
	A – Antique C - Chrysler Products F - Ford Products G - GM Products	H - High end Imports L - Low End Imports O -Other	
STYLECD	Vehicle Style Code		10 characters
	CONV CPE2DR CUV HATCHBACK LUXURY PICKUP	SEDAN SPORT UTIL VAN WAGON	
MILEAGECD	Mileage from the last odometer reading in increments of 10,000.		A-Z
	A- 0-10,000. Z- 250,000+.		
VIN	17 digit VIN Number		String Value
INFERREDDATE	Inferred Purchase Date Code:		1 Character: A - G
	A - 0-6 months B - 7-12 months C - 13-18 months D - 19-24 months	E - 25-36 months F - 37-48 months G - 49+ months	

Outputs (continued)

Geo Credit Attributes:

Appendix A: JSON API Example

Example Request:

`https://api.leadid.com/SingleQuery?lac={ACCOUNTCODE}&id={LEADIDTOKEN}&lak={AUDITKEY}&lpc={PROVIDERCODE}&data={DATA}`

Example Output:

The below example is an output with all features output; Intelligence, Guardian, Identity Scoring and Attribute Enrichment

```
{
  "audit": {
    "authentic": 1,
    "reg_rule": 1,
    "consumer_five_minutes": 0,
    "consumer_five_minutes_rule": 1,
    "consumer_hour": 0,
    "consumer_hour_rule": 1,
    "consumer_twelve_hours": 0,
    "consumer_twelve_hours_rule": 1,
    "consumer_day": 0,
    "consumer_day_rule": 1,
    "consumer_week": 0,
    "consumer_week_rule": 1,
    "data_integrity_passed": [
      "fakefirstname",
      "fakelastname",
      "email@email.com",
      "1234567890",
      "123 Main St",
      "22180"
    ],
    "data_integrity": 1,
    "data_integrity_rule": 1,
    "fields": {
      "f_name": 1,
      "l_name": 1,
      "email": 1,
      "phone1": 1,
      "address1": 1,
      "zip": 1
    },
    "device_undefined": 1,
    "device_undefined_rule": 2,
    "consumer_dupe_check": "01",
    "consumer_dupe_check_rule": 2,
    "entity_value": 0,
    "entity_rule": 1,
    "ip_five_minutes": 0,
    "ip_five_minutes_rule": 1,
    "ip_hour": 0,
  }
}
```

```

"ip_hour_rule": 1,
"ip_twelve_hours": 1,
"ip_twelve_hours_rule": 1,
"ip_day": 1,
"ip_day_rule": 1,
"ip_week": 1,
"ip_week_rule": 1,
"lead_age": 8173406.0718998909,
"age": "09",
"age_rule": 3,
"lead_duration": 0,
"duration": "01",
"duration_rule": 3,
"lead_dupe_check": "01",
"lead_dupe": 1,
"lead_dupe_time": 1691615210.6122,
"lead_dupe_check_rule": 3,
"lead_dupe_rule": 1,
"lead_five_minutes": 0,
"lead_five_minutes_rule": 1,
"lead_hour": 0,
"lead_hour_rule": 1,
"lead_twelve_hours": 0,
"lead_twelve_hours_rule": 1,
"lead_day": 0,
"lead_day_rule": 1,
"lead_week": 0,
"lead_week_rule": 1,
"market": {
  "leadid": {
    "tcpa": {
      "disclosure": 0,
      "prominence": 0,
      "contrast": 0,
      "visibility": 0,
      "prominence_rule": 2,
      "contrast_rule": 2,
      "visibility_rule": 2,
      "disclosure_rule": 3,
      "capture": 0,
      "capture_rule": 2,
      "stored": 0,
      "stored_rule": 2,
    },
    "result": 3
  },
  "result": 3
},
"ConsumerData": {
  "IDScores": {
    "raw_response": {
      "Detail": {
        "Raw": {
          "PhoneOwnerIDValidation": {
            "Phone": {

```

```

        "PhoneType": "L"
      }
    }
  },
  "IDScores": {
    "ValidAddress": "100",
    "ValidPhone": "100",
    "ValidEmail": "100",
    "ValidName": "100",
    "Deceased": "100",
    "NameToPhone": "100",
    "NameToEmail": "100",
    "NameToAddress": "100",
    "AddressToPhone": "100",
    "AddressToEmail": "100",
    "PhoneToEmail": "10",
    "USLocation": "",
    "ValidPhone2": "",
    "NameToPhone2": "",
    "AddressToPhone2": "",
    "Phone2ToEmail": "",
    "PhoneConfidenceScore": "81",
    "Phone2ConfidenceScore": "",
    "AddressConfidenceScore": "70",
    "ValidCount": "5",
    "LinkageCount": "6",
    "RiskFlagCount": "0",
    "ValidationSummary": "PASS",
    "LinkageSummary": "PASS",
    "RiskFlagSummary": "PASS",
    "IDVerifyScore": "99",
    "ValidZip": "100",
    "ZipToPhone": "100"
  }
}
},
}
},
"ConsumerAttributes": {
  "raw_response": {
    "output": [
      {
        "results": [
          {
            "matchLevel": 1,
            "attributes": {
              "coreDemographics": {
                "AGE": 45,
                "AGE_RANGE_ESTIMATE": A,
                "AGE_RANGE_INFERRED": B,
                "AGE_RANGE_COMBINED": C,
                "CHILD": "Y",
                "CHILDAGECD_11_15": null,
                "CHILDAGECD_16_17": null,
                "CHILDAGECD_6": null,

```

```
"CHILDAGECD_6_10": "Y",
"CHILDNBRC": "B",
"EH1": "E",
"EH1_V2": "G",
"ETHNICITYCD": "W",
"GENDER": "M",
"HOMEOWNERCD": "H",
"LANGUAGECD": null,
"MARRIEDCD": "S",
"WEALTHSCR": "H"
"WEALTHSCR_V2": "A"

},
"supplementalDemographics": {
  "CHARITYDNR": null,
  "CREDITCARD": "Y",
  "EDUCATIONCD": "B",
  "HHNBR": 4,
  "HHNBRSR": null,
  "LOR": 13,
  "OCCUPATIONCD": "K",
  "OCCUPATIONCD_V2": "C",
  "RELIGIONCD": "P",
  "SGLPARENT": "Y",
  "SOHOC": null,
  "SPANISHSPCD": null,
  "VETERANCD": null
},
"propertyInformation": {
  "AVM_ESTIMATE": 212692,
  "AVM_ESTIMATE_ERROR": 44557,
  "AVM_ESTIMATE_PCT_ERROR": 209,
  "HEQUITY_CONF": null,
  "HEQUITY_EST": null,
  "MORTGAGE_INFORMATION": [
    {
      "PROP_LENDERNAME": "ROCKET MTG LLC",
      "PROP_MTGAMT": "173125",
      "PROP_MTGDATE": "20210910",
      "PROP_MTGDUE": "20511001",
      "PROP_MTGINTRATE": "29000",
      "PROP_MTGINTRATETYPE": "FIX",
      "PROP_MTGLOANCD": null,
      "PROP_MTGREFICD": "Y",
      "PROP_MTGTERM": "30",
      "PROP_RMSEQUITYCD": null
    }
  ],
  "PROP_AC": null,
  "PROP_ACRES": "15300",
  "PROP_ADJGROSSSQFT": null,
  "PROP_APPRAISED_IMPVAL": null,
  "PROP_APPRAISED_VAL": null,
  "PROP_ASSED_IMPVAL": null,
  "PROP_ASSED_VAL": "201050",
```

```
"PROP_BATHS": null,  
"PROP_BATHSCALC": null,  
"PROP_BEDRMS": null,  
"PROP_BLDSQFT": "1673",  
"PROP_BLDSQFTIND": "B",  
"PROP_CNSTRTYPE": null,  
"PROP_COND": "VGO",  
"PROP_EFFYRBLD": null,  
"PROP_ENERGY": null,  
"PROP_EXTNW": null,  
"PROP_FLR": null,  
"PROP_FND": null,  
"PROP_FRPL": null,  
"PROP_FUEL": null,  
"PROP_FULLBATHS": null,  
"PROP_GAR": null,  
"PROP_GROSSSQFT": null,  
"PROP_HEAT": null,  
"PROP_HOMESTEAD": "Y",  
"PROP_IMP_VALCALC": null,  
"PROP_IMP_VALCALC_IND": null,  
"PROP_IND": "10",  
"PROP_LANDSQFT": "66647",  
"PROP_LCTN_INFL": null,  
"PROP_LIVINGSQFT": null,  
"PROP_LOANTOVAL": "62",  
"PROP_MOBHOME": null,  
"PROP_MRKTVAL": "214040",  
"PROP_MRKT_IMPVAL": "189040",  
"PROP_OWNERCD": null,  
"PROP_OWNEROCC": "Y",  
"PROP_POOL": null,  
"PROP_QLTY": null,  
"PROP_RMS": null,  
"PROP_ROOFCOVER": null,  
"PROP_ROOFTYPE": null,  
"PROP_SALEAMT": null,  
"PROP_SALECD": null,  
"PROP_SALEDATE": "20051005",  
"PROP_SALESDEEDCD": "G",  
"PROP_SALESTRANSCD": "1",  
"PROP_SEWER": null,  
"PROP_STORIESCD": null,  
"PROP_STYLE": null,  
"PROP_TAXAMT": "446578",  
"PROP_TAXYR": "2022",  
"PROP_UNVBLDSQFT": "1673",  
"PROP_VALCALC": "201050",  
"PROP_VAL_CALCIND": "A",  
"PROP_VIEW": null,  
"PROP_WATER": null,  
"PROP_XMTVET": null,  
"PROP_XMT_DISABLED": null,  
"PROP_YRBLD": "2006"  
},
```

```

    "autoInformation":
      "AUTOS": [
        {
          "FUELTYPECD": "G",
          "INFERREDDATE": "G",
          "MAKE": "NISSAN",
          "MFGCD": "L",
          "MILEAGECD": "A",
          "MODEL": "MURANO",
          "STYLECD": "UTIL",
          "VEH_CLASS": "FULL SIZE SUV",
          "VIN": "JN8AZ1MWXCW216152",
          "YEAR": "2012"
        },
      ],
      "BMW_AFFINITY": null,
      "CADILLAC_AFFINITY": null,
      "CHEVROLET_AFFINITY": null,
      "CHRYSLER_AFFINITY": null,
      "COUPE_AFFINITY": null,
      "DODGE_AFFINITY": null,
      "FORD_AFFINITY": null,
      "GMC_AFFINITY": null,
      "HONDA_AFFINITY": null,
      "HYBRID_AFFINITY": null,
      "HYUNDAI_AFFINITY": null,
      "INFINITI_AFFINITY": null,
      "IN_MARKET_NEW_SCORE": null,
      "IN_MARKET_NEW_SEGMENTS": null,
      "IN_MARKET_USED_SCORE": null,
      "IN_MARKET_USED_SEGMENTS": null,
      "JEEP_AFFINITY": null,
      "LANDROVER_AFFINITY": null,
      "LEXUS_AFFINITY": null,
      "LINCOLN_AFFINITY": null,
      "MERCEDESSENZ_AFFINITY": null,
      "NISSAN_AFFINITY": null,
      "SEDAN_AFFINITY": null,
      "SUV_AFFINITY": null,
      "TOYOTA_AFFINITY": null,
      "TRUCK_AFFINITY": null,
      "VAN_AFFINITY": null,
      "VOLVO_AFFINITY": null
    },
    "geoCredit": {
      "TOTALCREDIT_PASTDUE_60D": 38,
      "TOTALCREDIT_UTILIZATION": 63,
      "VANTAGE_SCORE": 709,
      "VANTAGE_SCORE_RANGES": "D"
    },
  }
}
}
}
}

```

```
    ]  
    },  
  }  
}  
},  
"result": 3  
},  
"url_value": 0,  
"url_rule": 1,  
"result": 3,  
"token": "38811B1D-6EC5-5F38-E309-D07CB21FBAAC"  
},  
"transid": "255F953A-9A8E-44B3-8193-0CC0F8656F13",  
}  
}
```

Appendix B: API Error Codes

The following is a table of potential output response codes & messages:

Value	Description
100	Internal Error
	Retry Jornaya side error. Initiate retry logic.
1000	Leadid not set
	The LeadID value has not been provided or the HTTPS method (GET or POST) is not in the correct format for the LeadID value to be set.
1001	Malformed LeadID
	The LeadID value is either malformed or blank.
2000	Account code not set
	The Account code value has not been provided.
2001	Malformed account code
	The Account code value is either malformed or blank.
4001	Malformed Audit Key
	The audit key is malformed or blank.
5000	Invalid Entry Code
	The entity code provided is not valid.
6000	Invalid Account Code and/or Audit Key
	Either the account code or audit key provided is invalid.
7000	Testing not enabled for account
	The account is not set up for testing. Please contact support@jornaya.com to have this enabled.