

Technical Documentation

1st Party Enrichment -

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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 inmarket 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

First Party Enrichment Overview

First Party Enrichment gives you the ability to unlock the potential of your existing database of customers and prospects.

Our marketer-friendly platform appends identity and attribute data that illuminates your ideal customers, which you can then engage based on in-market shopping behaviors observed in our proprietary network of comparison-shopping sites.

Within the First Party Enrichment platform, we offer 3 products, which when used in conjunction, empower marketers to confidently engage their existing customers or prospects based on the most up-to-date information and activity. Our products include:

- Identity
 - Our Identity Scoring and Completion capabilities allow you to identify stale records and update them with new ways to engage with consumers in your database
- Attributes
 - Identify your ideal customers by enriching your consumer records with attributes including demographic data, property data, financial data, and more
- Activate
 - Utilize our daily shopping signals to identify to engage with your customers when they're in-market

Read on to learn more about the requirements to use these products, as well as the specific data outputs provided.

For Additional Detail



Identity

Our Identity Scoring and Completion capabilities allow you to identify records with stale or outdated phone numbers, emails, or addresses, and then fill in gaps to provide new ways to recognize and engage with consumers in your database. Consumer identity and contact data changes over time – this solution allows you to keep a constantly up-to-date view of the identity on every 1st party record in your database.

Read on to learn more about what data we need to initiate the services, as well as what data you can receive.

Identity Inputs

Input Field Description

input i iciu	Description
FullName	Individual's full name
fname	First name, 15 characters max.
Iname	Last name, 20 characters max.
address1	Address line 1, 64 characters max.
address2	Address line 2, 64 characters max.
city	City name, 28 characters max. * Either City/State or Zip is required.
state	2 character state abbreviation. * Either City/State or Zip is required.
zip	5 digit numeric USPS zip code. * Either City/State or Zip is required.
phone	10 digit numeric phone number (without spaces, dashes, or parentheses)
phone2	10 digit numeric phone number (without spaces, dashes, or parentheses)
email	Email address, 100 characters max
IP	IP v4 address in dotted decimal, nnn.nnn.nnn format Optional
SHA2	64 characters SHA2 email address encryption Optional
SHA1	40 characters SHA1 email address encryption Optional
MD5	32 characters MD5 email address encryption Optional

At a minimum, one of the following input combinations is required for processing:

- fname + lname + address1 + zip
- fname + Iname + address1 + city + state
- FullName + address1 + zip
- FullName + address1 + city + state
- phone
- email



Identity Scoring Outputs:

Output Field	Description	Return Values
ValidPhone	The phone is a valid 10 digit telephone number based on the North American Numbering Plan (NANP)	Score 0-100
ValidPhone2	The 2nd phone is a valid 10 digit telephone number based on the North American Numbering Plan (NANP)	Score 0-100
ValidEmail	The email is a valid email address format	Score 0-100
ValidName	The individual's first and last names appear to be valid names and do not contain vulgar words or expressions	Score 0-100
NameToPhone	The name links to the phone	Score 0-100
NameToEmail	The name links to the email	Score 0-100
NameToAddress	The name links to the postal address	Score 0-100
Deceased	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	
Phone Type	Phone type for the Phone. L- Landline, V- VoIP, W- Wireless, O- Other	L, V, W, O
PhoneConfidenceScore	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
Phone2ConfidenceScore	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
AddressConfidenceScore	Score of 0 - 100 that reflects the confidence, accuracy, and deliverability for the input postal address	Score 0-100
AddressToPhone	The postal address links to the phone	Score 0-100
AddressToEmail	The postal address links to the email	Score 0-100
PhoneToEmail	The phone links to the email	Score 0-100
Phone2ToEmail	The 2nd phone links to the email	Score 0-100
NameToPhone2	The name links to the 2nd phone	Score 0-100
AddressToPhone2	The postal address links to the 2nd Phone	Score 0-100
ValidZip	Compare the input ZIP code to the listing of valid ZIP codes published by the Postal Service	Score 0-100
ZipToPhone	provides a signal on whether we have that phone belonging to a consumer who lives in that ZIP code.	Score 0-100
<i>IDVerifyScore</i>	The IDScore is an overall score to reflect the quality of an ID verification.	Score 0-100

For Additional Detail



Identity Completion Outputs:

Output Field	Description	Return Values	
Cleansed Phone	Data in this column indicates that phone input data has been successfully cleansed by CRM FreshLink or that the input data has been confirmed as clean		
Input Phone Type	Phone Owner Id Match CategoryIP - Individual - PhoneHP - Household - PhoneAP - Address - PhoneNP - Name - PhoneLP - Last Name - PhoneFP - First Name - PhoneZP -Zip - PhoneP-Phone VerifiedX - No Match	IP, HP, AP, NP, LF FP, ZP, P, X	
Cleansed Phone 2	Data in this column indicates that phone input data has been successfully cleansed by CRM FreshLink or that the input data has been confirmed as clean	Phone number or blank	
Input Second Phone Type	Phone Owner Id Match CategoryIP – Individual - PhoneHP – Household - PhoneAP – Address - PhoneNP – Name – PhoneLP – Last Name – PhoneFP – First Name - PhoneZP –Zip - PhoneP-Phone VerifiedX – No Match	IP, HP, AP, NP, LF FP, ZP, P, X	
Cleansed Email	Data in this column indicates that email input data has been successfully cleansed by CRM FreshLink or that the input data has been confirmed as clean	Email address or blank	
Cleansed First Name	Data in this column indicates that name input data has been successfully cleansed by CRM FreshLink or that the input data has been confirmed as clean	First name or blank	
Cleansed Last Name	Data in this column indicates that name input data has been successfully cleansed by CRMFreshLink or that the input data has been confirmed as clean.	Last name or blank	
Cleansed Middle Name	Data in this column indicates that name input data has been successfully cleansed by CRM FreshLink or that the input data has been confirmed as clean.	Middle name or blank	
Cleansed Full Name	Data in this column indicates that full name input data has been successfully cleansed by CRM FreshLink or that the input data has been confirmed as clean.	Full name or blan	
Cleansed Full Address	Data in this column indicates that address input data has been successfully cleansed by CRM FreshLink or that the input data has been confirmed as clean.	Address or blank	
Cleansed City	Data in this column indicates that city input data has been successfully cleansed by CRMFreshLink or that the input data has been confirmed as clean.	City or blank	
Cleansed State	Data in this column indicates that State input data has been successfully cleansed by CRM FreshLink or that the input data has been confirmed as clean.	State or blank	
Cleansed Zip	Data in this column indicates that zip input data has been successfully cleansed by CRM FreshLink or that the input data has been confirmed as clean.	Zip or blank	
Unique Customer PID	Unique individual that was matched to on the database.1st Character – Y (Person found on the database)/N (Person not found on the database). Remaining characters - Unique Identifier.	String Value 32 characters max.	
Household ID	Unique address + Last Name that was matched to on the database.1st Character - Y (Address found on the database)/N (Address not found on the database). Remaining characters - Unique Identifier.	String Value 100 characters max.	
Address ID	Unique address that was matched to Infutor's Identity Graph.1st Character - Y (Address found on the database)/N (Address not found on the database).Remaining characters - Unique Identifier. This can be used in conjunction with other data points to understand if multiple customers are living at the same household.	String Value 32 characters max.	



Refreshed First Name	If input data is provided, this field returns that input, and if it was successfully cleansed, the cleansed output will show here.	50 characters
	If no data was input, then we reference the Infutor Identity Graph to populate a result.	
Refreshed Last Name	If input data is provided, this field returns that input, and if it was successfully cleansed, the cleansed output will show here.	50 characters
	If no data was input, then we reference the Infutor Identity Graph to populate a result.	
Refreshed Middle Name	If input data is provided, this field returns that input, and if it was successfully cleansed, the cleansed output will show here.	1 Character
	If no data was input, then we reference the Infutor Identity Graph to populate a result.	
Refreshed House Number	If an input House Number is provided, this field returns that input, and if it was successfully cleansed, the cleansed output will show here. If no House Number was input, then we reference the Infutor Identity Graph to populate one.	10 Characters
Refreshed Pre Directional	Street Pre Direction: N, S, E, W, NE, SW, etc. If an input is provided, this field returns that input,	2 Characters
	and if it was successfully cleansed, the cleansed output will show here. If no input was provided, then we reference the Infutor Identity Graph to populate one.	
Refreshed Street Name	Street name. If an input is provided, this field returns that input, and if it was successfully cleansed, the cleansed output will show here. If no input was provided, then we reference the	28 Characters
Refreshed Street Type	Infutor Identity Graph to populate one. Street suffix: ST, AVE, BLVD, etc. If an input is provided, this field returns that input, and if it was successfully cleansed, the cleansed output will show here.	4 Characters
	If no input was provided, then we reference the Infutor Identity Graph to populate one.	
Refreshed Post Directional	Street Post Direction: N, S, E, W, NE, SW, etc. If an input is provided, this field returns that input, and if it was successfully cleansed, the cleansed output will show here.	2 Characters
	If no input was provided, then we reference the Infutor Identity Graph to populate one.	
Refreshed Apartment Type	Secondary Unit designator: Apt, Suite, etc. If an input is provided, this field returns that input, and if it was successfully cleansed, the cleansed output will show here.	4 Characters
	If no input was provided, then we reference the Infutor Identity Graph to populate one.	
Refreshed Apartment Number	Secondary unit number: Apt #, Suite #, etc. If an input is provided, this field returns that input, and if it was successfully cleansed, the cleansed output will show here.	8 Characters
	If no input was provided, then we reference the Infutor Identity Graph to populate one.	
Refreshed Full Address	Full address output in a single field. If an input is provided, this field returns that input, and if it was successfully cleansed, the cleansed output will show here.	100 Characters
	If no input was provided, then we reference the Infutor Identity Graph to populate one.	
Refreshed City	USPS City Name. If an input is provided, this field returns that input, and if it was successfully cleansed, the cleansed output will show here.	28 Characters
	If no input was provided, then we reference the Infutor Identity Graph to populate one.	
Refreshed State	USPS state abbreviation. If an input is provided, this field returns that input, and if it was successfully cleansed, the cleansed output will show here.	2 Characters
Refreshed State		2 Characters
Refreshed State Refreshed Zip5	successfully cleansed, the cleansed output will show here.	2 Characters 5 Characters



Refreshed Zip +4 Extension	Numeric USPS zip+4 extension. If an input is provided, this field returns that input, and if it was successfully cleansed, the cleansed output will show here.	4 Characters
	If no input was provided, then we reference the Infutor Identity Graph to populate one.	
Refreshed Delivery Point Code	Delivery point code with check digit. If an input is provided, this field returns that input, and if it was successfully cleansed, the cleansed output will show here.	3 Characters
	If no input was provided, then we reference the Infutor Identity Graph to populate one.	
Refreshed Carrier Route Code	Carrier Route Code. If an input address is provided, this field returns the carrier route for that input, and if it was successfully cleansed, the carrier route for the cleansed output will show here.	4 Characters
	If no input address was provided, then we reference the Infutor Identity Graph to populate an address and this field contains the corresponding carrier route code.	
Zip4 Type Code	Appended USPS Zip+4 type	F, G, H, P, R, S
	F – firm or company address	
	G – General delivery address H – High-rise or business complex	
	P – PO Box address	
	R – Rural route address	
	S – Street or residential address	
	Blank - Unknown	V 5 6 1/
Delivery Point Validation	Appended Delivery Point Validation:	Y, D, S, N
	Y – Address DPV confirmed for both primary and (if present) secondary numbers D – Address DPV confirmed for primary number only, secondary number information was	
	missing	
	S – Address DPV confirmed for the primary number only, and secondary number information	
	was present but unconfirmed	
	N – Both Primary and (if present) Secondary number information failed to DPV confirmBlank –	
Appended Validation Date	Address not presented to table Appended address last validated date	YYYYMMDD or
Appended Validation Date	Appended address last validated date	YYYYMM, depending on availability.
Address Improvement	Address Improvement Codes:	0-8
Code	0 - Source Address is best address.	
	1 - Source Address NCOA'd.*	
	2 - Corrected Source Address NCOA'd*. 3 - New proprietary change of address returned.	
	4 - Corrected Source Address returned.	
	5 - Source Address NCOA'd, but MLNA.	
	6 - Corrected Source Address NCOA'd, but MLNA.*	
	7 - Source Address NCOA'd, but NIXIE.*	
	7 - Source Address NCOA'd, but NIXIE.* 8 - Corrected Source Address NCOA'd, but NIXIE.* *Values 1, 2 ,5 - 8 are returned only with the	
Appended Phone	7 - Source Address NCOA'd, but NIXIE.*	10 characters
Appended Phone	7 - Source Address NCOA'd, but NIXIE.* 8 - Corrected Source Address NCOA'd, but NIXIE.* *Values 1, 2 ,5 - 8 are returned only with the NCOA Add on.	10 characters
Appended Phone Appended Phone Type	7 - Source Address NCOA'd, but NIXIE.* 8 - Corrected Source Address NCOA'd, but NIXIE.* *Values 1, 2 ,5 - 8 are returned only with the NCOA Add on.	10 characters L, V, W, O
	7 - Source Address NCOA'd, but NIXIE.* 8 - Corrected Source Address NCOA'd, but NIXIE.* *Values 1, 2,5 - 8 are returned only with the NCOA Add on. Net new appended 10-digit numeric phone number (without spaces, dashes, or parentheses)	
Appended Phone Type	7 - Source Address NCOA'd, but NIXIE.* 8 - Corrected Source Address NCOA'd, but NIXIE.* *Values 1, 2, 5 - 8 are returned only with the NCOA Add on. Net new appended 10-digit numeric phone number (without spaces, dashes, or parentheses) Phone type for the Phone. L=Landline, V=VoIP, W=Wireless, O=Other. Direct Inward Dial Number	L, V, W, O Y or blank
Appended Phone Type Appended DID	7 - Source Address NCOA'd, but NIXIE.* 8 - Corrected Source Address NCOA'd, but NIXIE.* *Values 1, 2, 5 - 8 are returned only with the NCOA Add on. Net new appended 10-digit numeric phone number (without spaces, dashes, or parentheses) Phone type for the Phone. L=Landline, V=VoIP, W=Wireless, O=Other. Direct Inward Dial Number Appended Record Type R - Residential	L, V, W, O
Appended Phone Type Appended DID	7 - Source Address NCOA'd, but NIXIE.* 8 - Corrected Source Address NCOA'd, but NIXIE.* *Values 1, 2, 5 - 8 are returned only with the NCOA Add on. Net new appended 10-digit numeric phone number (without spaces, dashes, or parentheses) Phone type for the Phone. L=Landline, V=VoIP, W=Wireless, O=Other. Direct Inward Dial Number Appended Record Type R - Residential B - Business	L, V, W, O Y or blank
Appended Phone Type Appended DID	7 - Source Address NCOA'd, but NIXIE.* 8 - Corrected Source Address NCOA'd, but NIXIE.* *Values 1, 2, 5 - 8 are returned only with the NCOA Add on. Net new appended 10-digit numeric phone number (without spaces, dashes, or parentheses) Phone type for the Phone. L=Landline, V=VoIP, W=Wireless, O=Other. Direct Inward Dial Number Appended Record Type R - Residential B - Business P - Payphone	L, V, W, O Y or blank
Appended Phone Type Appended DID Appended Record Type	7 - Source Address NCOA'd, but NIXIE.* 8 - Corrected Source Address NCOA'd, but NIXIE.* *Values 1, 2, 5 - 8 are returned only with the NCOA Add on. Net new appended 10-digit numeric phone number (without spaces, dashes, or parentheses) Phone type for the Phone. L=Landline, V=VoIP, W=Wireless, O=Other. Direct Inward Dial Number Appended Record Type R - Residential B - Business P - Payphone U - Unknown	L, V, W, O Y or blank R, B, P, U
Appended Phone Type Appended DID Appended Record Type Appended First Date	7 - Source Address NCOA'd, but NIXIE.* 8 - Corrected Source Address NCOA'd, but NIXIE.* *Values 1, 2, 5 - 8 are returned only with the NCOA Add on. Net new appended 10-digit numeric phone number (without spaces, dashes, or parentheses) Phone type for the Phone. L=Landline, V=VoIP, W=Wireless, O=Other. Direct Inward Dial Number Appended Record Type R - Residential B - Business P - Payphone U - Unknown Date record was first received	L, V, W, O Y or blank R, B, P, U YYYYMMDD
Appended Phone Type Appended DID Appended Record Type	7 - Source Address NCOA'd, but NIXIE.* 8 - Corrected Source Address NCOA'd, but NIXIE.* *Values 1, 2, 5 - 8 are returned only with the NCOA Add on. Net new appended 10-digit numeric phone number (without spaces, dashes, or parentheses) Phone type for the Phone. L=Landline, V=VoIP, W=Wireless, O=Other. Direct Inward Dial Number Appended Record Type R - Residential B - Business P - Payphone U - Unknown	L, V, W, O Y or blank R, B, P, U
Appended Phone Type Appended DID Appended Record Type Appended First Date	7 - Source Address NCOA'd, but NIXIE.* 8 - Corrected Source Address NCOA'd, but NIXIE.* *Values 1, 2, 5 - 8 are returned only with the NCOA Add on. Net new appended 10-digit numeric phone number (without spaces, dashes, or parentheses) Phone type for the Phone. L=Landline, V=VoIP, W=Wireless, O=Other. Direct Inward Dial Number Appended Record Type R - Residential B - Business P - Payphone U - Unknown Date record was first received	L, V, W, O Y or blank R, B, P, U YYYYMMDD
Appended Phone Type Appended DID Appended Record Type Appended First Date Appended Last Date	7 - Source Address NCOA'd, but NIXIE.* 8 - Corrected Source Address NCOA'd, but NIXIE.* *Values 1, 2, 5 - 8 are returned only with the NCOA Add on. Net new appended 10-digit numeric phone number (without spaces, dashes, or parentheses) Phone type for the Phone. L=Landline, V=VoIP, W=Wireless, O=Other. Direct Inward Dial Number Appended Record Type R - Residential B - Business P - Payphone U - Unknown Date record was first received Date record was last received as connected	L, V, W, O Y or blank R, B, P, U YYYYMMDD YYYYMMDD

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Appended DA Code	Directory Assistance Flag, 1 character max. Y – Record as it appears in Directory Assistance D – Record was removed / delisted from Directory Assistance Blank – Private record (not in Directory Assistance)		
Appended Match Score	Appended Match Score (See Appendix B)	nnn	
Appended Match Category	Appended Matched Category (up to 3, one for each appended phone) I - Individual H - Household A - Address Z - Name/Zip	I, H, A, Z	
Appended Second Phone	Net New Appended 10-digit numeric phone number (without spaces, dashes, or parentheses)	10 characters	
Appended Second Phone Type	Phone Type for the second appended phone L - Land Line V - VoIP W - Wireless O - Other (Pay phone, Pager, Toll Free)	L, V, W, O	
Appended Second DID	Direct Inward Dial Number	Y or blank	
Appended Second Record Type	Appended Record Type R - Residential B - Business P - Payphone U - Unknown	R, B, P, U	
Appended Second First Date	Date record was first received	YYYYMMDD	
Appended Second Last Date	Date record was last received as connected	YYYYMMDD	
Appended Second Telco Name	Name of original telephone company provider	100 Characters	
Appended Second Phone Confidence Score	Telephone confidence score1 is highest confidence, 5 is lowest. 4's are considered possible disconnects, 5's are likely disconnects. PHV 1-3 are considered high confidence records.	5-Jan	
Appended Second DA Code	Directory Assistance Flag, 1 character max. Y – Record as it appears in Directory Assistance D – Record was removed / delisted from Directory Assistance Blank – Private record (not in Directory Assistance)	Y, D, Blank	
Appended Second Match Score	Appended Match Score (See Appendix B)	nnn	
Appended Second Match Category	Appended Matched Category (up to 3, one for each appended phone) I - Individual H - Household A - Address Z - Name/Zip	I, H, A, Z	
Appended Third Phone	Net New Appended 10 digit numeric phone number (without spaces, dashes, or parentheses)	10 characters	
Appended Third Phone Type			
Appended Third DID	Direct Inward Dial Number	Y or blank	
Appended Third Record Type	Appended Record Type R - Residential B - Business P - Payphone U - Unknown	R, B, P, U	
Appended Third First Date	Date record was first received	YYYYMMDD	
Appended Third Last Date	Date record was last received as connected	YYYYMMDD	
Appended Third Telco Name	Name of original telephone company provider	100 Characters	

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Appended Third Phone Confidence Score	Telephone confidence score1 is highest confidence, 5 is lowest. 4's are considered possible disconnects, 5's are likely disconnects. PHV 1-3 are considered high confidence records.	5-Jan
Appended Third DA Code	Directory Assistance Flag, 1 character max. Y – Record as it appears in Directory Assistance D – Record was removed / delisted from Directory Assistance Blank – Private record (not in Directory Assistance)	Y, D, Blank
Appended Third Score	Appended Match Score (See Appendix B)	nnn
Appended Third Category	Appended Matched Category (up to 3, one for each appended phone) I - Individual H - Household A - Address Z - Name/Zip	I, H, A, Z
Appended Email	Net New Appended Email Address	100 Characters
Appended Email Suppression Code	Email Suppression Code N - Email is Eligible for Deployment	N or blank
Appended Email Match Score	Appended Match Score (See Appendix B)	nnn
Appended Email Match Category	Appended Matched Category I – Individual (First Name, Last Name, and Address) H – Household (Last Name and Address) A – Address (Address) Z – Name/Zip (Last Name and Zip Code)	I, H, A, Z
Appended Email URL	Appended URL - Indicates the website the consumer "opted-in" to receive marketing emails.	100 Characters
Appended Email Last Date	Appended Email Last Seen Date	YYYYMMDD
Appended Second Email	Net New Appended Email Address	100 Characters
Appended Second Email Suppression Code	Email Suppression Code N - Email is Eligible for Deployment	N or blank
Appended Second Email Match Score	Appended Match Score (See Appendix B)	nnn
Appended Second Email Match Category	Appended Matched Category I – Individual (First Name, Last Name, and Address) H – Household (Last Name and Address) A – Address (Address) Z – Name/Zip (Last Name and Zip Code)	I, H, A, Z
Appended Second Email URL	Second Appended Email URL - Indicates the website the consumer "opted-in" to receive marketing emails.	100 Characters
Appended Second Email Last Date	Second Appended Email Last Seen Date	YYYYMMDD
Appended Third Email	Net New Appended Email Address	100 Characters
Appended Third Email Suppression Code	Email Suppression Code N - Email is Eligible for Deployment	N or blank
Appended Third Email Match Score	Appended Match Score (See Appendix B)	nnn
Appended Third Email Match Category	Appended Matched Category I - Individual (First Name, Last Name, and Address) H - Household (Last Name and Address) A - Address (Address) Z - Name/Zip (Last Name and Zip Code)	I, H, A, Z
Appended Third Email URL	Third Appended Email URL - Indicates the website the consumer "opted-in" to receive marketing emails.	100 Characters
Appended Third Email Last Date	Third Appended Email Last Seen Date	YYYYMMDD

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Attribute Enrichment:

Enrich your understanding of your customers and prospects by appending attributes including demographic data, property data, auto data, and more. VMS's attribute append capabilities help you identify customers that match your ideal profile, and tailor / personalize your engagement based on the characteristics of the individual.

Read on to learn more about what data we need to initiate the services, as well as what data you can receive.

Attributes Inputs

Input Field	Description	Required
fname	First name, 15 characters max.	
Iname	Last name, 20 characters max.	
address1	Address line 1, 64 characters max.	✓
city	City name, 28 characters max. * Either City/State or Zip is required.	✓
state	2 character state abbreviation. * Either City/State or Zip is required.	✓
zip	5 digit numeric USPS zip code. * Either City/State or Zip is required.	✓
phone	10 digit numeric phone number (without spaces, dashes, or parentheses)	✓
email	Email address, 100 characters max	✓
persistentID	Synthetic PID, Unique individual. Encrypted value	
householdld	Synthetic Household ID, Unique address + Last Name. Encrypted value	

At a minimum, one of the following input combinations is required for processing:

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

NOTE: For enhanced Identity resolution, it is highly recommended to include name in the input.

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Attributes Outputs

There are different types of attribute data that we can append, based on what you've elected to receive: demographic, property, and auto. For convenience, below, we've grouped these outputs accordingly. Note that if you've elected to receive data from multiple data categories, you will still receive all the appended data in the same output file

Demographic Attributes:

	Description	Return Values
GENDER	Known gender - Male, Female. The gender of an individual is typically gathered from self-reported or public information sources, or can be assigned based on the individuals 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	1 character: M or F
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
DOB	The known month and Year of birth of the individual and date where available.	
	The Adult Date of Birth select will identify members of the household that meet the given birth date criteria. Dates must be entered for the birth month and year	Formats YYYYMMDD, YYYYMM, YYYY
	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. Exact age data is considered sensitive in nature and may require contractual restrictions	
CITY	City Name - As listed in USPS Publication 26, Directory of Post Offices. Post Office names in excess of 28 positions have been abbreviated by USPS	28 characters
STATE	State Abbreviation: AL, FL, IL, NY, etc.	2 characters
ZIP	Five-Position numeric as assigned in USPS publication 65, National Zip Code Directory	5 characters
DPV	Delivery Point Validation Code: Y - Address DPV confirmed for both primary and (if present) secondary numbers D - Address DPV confirmed for the primary number only, and secondary number information was missing S - Address DPV confirmed for the primary number only, and secondary number information was present but unconfirmed N - Both Primary and (if present) Secondary number information failed to DPV Confirm	1 character: Y, D, S, N
VACANT	Vacant: Y - Physical Address Identified by USPS as Vacant N - Someone living at that address	1 character: Y or N

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MSA	4 characters	
CBSA	New metropolitan and micropolitan statistical area definitions were announced by OMB on June 6, 2003, based on application of the 2000 standards with Census 2000 data. Metropolitan and Micropolitan Statistical Areas are collectively referred to as Core-Based Statistical Areas. Metropolitan statistical areas have at least one urbanized area of 50,000 or more population, plus adjacent territory that has a high degree of social and economic integration with the core as measured by commuting ties. M	5 characters
STATECD	Federal Information Processing System (FIPS) Codes for States and Counties FIPS codes are numbers which uniquely identify geographic areas, this fields contains the two-digit State code, e.g. Code 01 corresponds to ALABAMA	2 characters
CNTYCD	Federal Information Processing System (FIPS) Codes for States and Counties FIPS codes are numbers which uniquely identify geographic areas, this fields contains the three-digit count code, e.g. Code 003 corresponds to Baldwin County	3 characters
CENSUSTRACT	A census tract, census area, census district or meshblock is a geographic region defined for the purpose of taking a census	6 characters
CENSUSBLCK	A census block is the smallest geographic unit used by the United States Census Bureau for tabulation of 100-percent data.	4 characters
CNTYSIZECD	ABCD Counties are based on the population totals of U.S. counties and also their proximity to a metro area or anchor city. A counties are the largest U.S. counties by population, and D counties are the smallest. Counties are classified on the basis of data from the latest census, which takes place every 10 years. County Size Code: A - Any county located in the 25 largest U.S. cities or their consolidated statistical urban areas B - Any county not designated as an A County that has population over 150,000 or is part of a consolidated statistical area with population over 150,000 C - Any county or consolidated statistical area not designated as an A or B County that has population over 40,000 D - Any county statistical area not designated as an A, B, or C County Screen reader support enabled.	1 characters
LATITUDE	The geometrical location north or south of the equator assigned to the address.	
LONGITUDE	The geometrical location east or west of a north-south line, called the prime meridian, assigned to the address.	
GEOLEVEL	The level of precision at which the Latitude and Longitude are assigned. 01 - Exact Parcel Level 02 - Street Interpolation (ie., parcel point interpolation between 2 points) 03 - Street Point (i.e., a spatial location derived from placement on the street centerline) 04 - ZIP9 05 - ZIP7 06 - ZIP5 07 - CITY 08 - STATE	From 01-08
LOR	Length of residence indicates the probable number of years an individual/household has been located at current address. Data comes from multiple sources including real estate, public record and self-reported sources.	2 characters: 00 - 99

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HOMEOWNERCD	Homeowner and renter status identifies if the of homeowner or a renter.	occupant of the residence is the	
	nomeowner or a remen		
	Data comes from multiple sources including proof or County Recorders, new home sales transacti		
	or County Recorders, new nome sales transacti	on data, and sen-reported survey data.	
	Homeowner Codes:		
	H - Homeowner is a deterministic value of know	vn homeowners as recorded by property	1 character: H, R, O, P, U
	deed records and recorded home sales R - Renter is a deterministic value of known hou	useholds living in properties that are not	
	currently occupied by the homeowner. Data is s	sourced from property deed records and	
	recorded home sales data. Homeowner is a probabilistic value identifying i	0 - Probable	
	status. Data is based on a combination of surve		
	homeowner status.*		
	status.*	ey data signals indicating a likely refiter	
	U - Unknown are records with no data signals to		
		ters. Previous versions recorded assigned	
	these records as NoLL.		
	*These response values will be available in Nov	rember 2022 for on-premise and in	
DWELLTYPE		f structure at a given address. Single	1 character: S or M
	Family Dwelling Unit (SFDU) indicates that	t one household resides in the	
	structure. Multiple Family Dwelling Unit (M	IFDU) is one where more than one	
	Blank - Unknown		
FHI	Estimated income level is a model and tal	kes into consideration several known	
2			1 character
	, , ,	3 1	
	Data is assigned at the household level		
	Data is assigned at the nousehold level.		
		F - \$75,000-\$99,999	
		G - \$100,000-\$124,999	
	C - \$30,000-\$39,999	J - \$175,000-\$199,999	
MARRIFDCD		• •	1 character: M or S
	The state of the s		
	The Marital Status select indicates if mem	ber of the household is likely married	
	or single. Data is applied at the household		
	married or single designation is inferred at		
	coverage.		
	M - Married S - Single		
DWELLTYPE	homeowner status.* P - Probable Renter is a probabilistic value identification. Data is based on a combination of survestatus.* U - Unknown are records with no data signals to are assigned as likely to be low-confidence rentification. *These response values will be available in Nov December 2022 for append. Dwelling Type is an indicator of the type of Family Dwelling Unit (SFDU) indicates that structure. Multiple Family Dwelling Unit (SFDU) M=Multi-family Dwelling Unit (SFDU) M=Multi-family Dwelling Unit (MFDU) Blank - Unknown Estimated Household Income: A - Less than \$20,000 B - \$20,000-\$29,999 C - \$30,000-\$29,999 C - \$30,000-\$49,999 E - \$50,000-\$74,999 Known marital status and modeled inform The Marital Status select indicates if memor single. Data is applied at the household married or single designation is inferred at coverage. M - Married	tifying medium-level confidence of a renter ey data signals indicating a likely renter of indicate a homeowner or renter status and ters. Previous versions recorded assigned rember 2022 for on-premise and in for structure at a given address. Single to one household resides in the MFDU) is one where more than one formation and census demographics. F - \$75,000-\$99,999 G - \$100,000-\$124,999 H - \$125,000-\$174,999 J - \$175,000-\$199,999 K - \$200,000-\$249,999 L - \$250,000+ nation.	





SGLPARENT	Potentially single parent determinformation.	nined by model of know	vn demographic	1 character: Y
	The Single Parent Household se potentially single parent present sourced from self-reported surve	. Data is applied at the ey data.	household level and is	
HHNBRSR				1 character: Y
HHNBR	Total number of individuals in a	given household.		Number of individuals in household
SPANISHSPCD	Indicator of an individual who ha	as reported speaking S	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
VETERANCD	Compilation of signals and self reported data indicating an individual within the household has served or is serving in the armed forces.			1 character: Y
CREDITCARD	Indicator that an indivdual has used a credit card for purchases of goods and services. Y - Credit Card			1 character
WEALTHSCR	WEALTHSCR The net worth selection is a demographically based analytical model which predicts the ranges for household net worth. Net worth is calculated by the total assets etitmated to be associated with a household (such as deposit accounts, investments and home value) minus liabilities (such as loans, mortgages and credit card debt).			1 character: A - M
	A = \$0 OR LESS B = \$1 - \$4,999 C = \$5,000 - \$24,999 D = \$25,000 - \$49,999 E = \$50,000 - \$74,999 \$499,999 F = \$75,000 - \$99,999	G = \$100,000 H = \$150,000 I = \$250,000 J = \$375,000 K = \$500,000 L = \$750,000) - \$249,999 - \$374,999) -) - \$749,999) - \$999,999	
CHARITYDNR	F = \$75,000 - \$99,999			1 character: Y
MRKTHOMEVAL	Estimated market value of home as indicated by County Tax Assesor and deed records. The Home Market Value indicates the relative Home Market Value as compared to all of the homes within the same county. This data is applied at the address level A - \$1,000 - \$24,999 B - \$25,000 - \$49,999 C - \$50,000 - \$74,999 D - \$75,000 - \$99,999 E - \$100,000 - \$124,999 F - \$125,000 - \$149,999 G - \$150,000 - \$149,999 N - \$350,000 - \$349,999 N - \$350,000 - \$399,999 S - \$1,000,000 - \$149,999 N - \$350,000 - \$399,999 S - \$1,000,000 Plus			1 character: A - S

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EDUCATIONCD	Education is defined as the level of educ is a probabalistic attribute based on self census sources.			1 sharestow A. B. C. D. E. E.
	A -Completed High School B - Completed College C - Completed Graduate School D - Attended Vocational/Technical E - Some High school F - Some College			1 character: A, B, C, D ,E, F
OCCUPATIONCD	Derived from self-reported data and/or sindividuals occupation code.	state license b	oureaus indicating an	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 - HOMEMAKE R	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	
ETHNICITYCD	Ethnicity of an Individual as proved by se from participating source data.	elf reported pa	articipante and overlays	1 character: A, C, E, F, I, J,
	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	P S T W Y	- Far Eastern - Polynesian - Scandinavian - Other ' - Western European - Hispanic - Uncoded (No Group)	. M, N, O, P, S, T, W, Y, Z
RELIGIONCD	Religion of individual as provided by self from participating source data.	f reported par	ticipants and overlays	
	B - Buddhist C - Catholic G - Greek Orthodox H - Hindu I - Islamic J - Jewish K - Siku	L - Lutheran M - Mormon O - Eastern Or P - Protestant S - Shinto X - Not Knowr		1 character: B, C, E, G, H, I, J, S, L, M, O, P, S, X

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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	
CHILD	selections reflects the prohousehold. Information is sourced from variety of sources that include		n under age 18 in a given	1 character: Y or Blank
	Y - Presence of Children	ed information.		
CHILDAGECD_6	Presence of Children under 6		1 character	
CHILDAGECD_6_10	Presence of Children Age	ed 6 - 10		1 character
CHILDAGECD_11_15	Presence of Children Age	ed 11 - 15		1 character
CHILDAGECD_16_17	Presence of Children Age			1 character
CHILDNBRCD	Number of Children Code A - No Children B - Less Than 3 C - 3-5 D - 6+			1 character: A, B, C, D
YRBLD	Year dwelling was built be County Assessor or Coun	ased on real estate transac ity Recorder based	tion and deed records	Format YYYY
MOBHOMECD		me as indicated by Real Es or County Recorder based		1 character: Y
POOL	Residence has a pool as i County Assessor or Coun		nsaction and deed records	1 character: Y
FIREPLCD		e as indicated by Real Estat or County Recorder based		1 character: Y



MS_ACCESSORY	Includes shoes, purses, belts, etc.	Values from 0 to 99
MS_APPAREL	Includes the purchase of clothing. MS_ACCESSORY, MS_KIDAPP, MS_MENAPP, and MS_WOMAPP are included in the overall MS_APPAREL variable.	Values from 0 to 99
MS_AUDIO	Includes purchases related to audio equipment.	Values from 0 to 99
MS_AUTO	Includes purchases related to Cars/Trucks	Values from 0 to 99
MS_AVIATION	Includes purchases of aviation related items.	Values from 0 to 99
MS_BARGAINS	Includes purchases of low-cost or on-sale products from catalogs, retail and websites	Values from 0 to 99
MS_BIBLE	Includes purchases of religious items	Values from 0 to 99
MS_BOATSAIL	Includes boating, sailing, canoeing, kayaking, water skiing, rafting, etc	Values from 0 to 99
MS_BOOKS	Number of distinct book company participants.	Values from 0 to 99
MS_BUSINESS	Includes business news, and/or products usually associated with running a business or a career or operating an office	Values from 0 to 99
MS_CAMP	Includes camping and hiking	Values from 0 to 99
MS_CATALOG	Number of different catalogs ordered from.	Values from 0 to 99
MS_COLLECTIBLES	Includes dolls, coins, stamps, stuffed animals, plates, memorabilia, etc.	Values from 0 to 99
MS_COMPUTERS	Includes Computers, software and computer accessories	Values from 0 to 99
MS_COOKING	Includes recipes, cooking utensils and food products	Values from 0 to 99
MS_BEAUTY	Includes purchases of Beauty & Cosmetic items	Values from 0 to 99
MS_CRAFTS	Includes crochet, sewing, knitting, needlepoint, quilting, jewelry, ceramics, painting, etc.	Values from 0 to 99
MS_CULTUREARTS	Includes art, antiques, opera, museums, the theatre, etc.	Values from 0 to 99
MS_CURREVENT	Includes periodicals, news magazines, websites & blogs	Values from 0 to 99
MS_DIY	Includes home improvements and construction, wood working, auto repair, etc.	Values from 0 to 99
MS_ELECTRONICS	Includes home and auto stereos, video equipment, etc. Does not include computers.	Values from 0 to 99
MS_EQUESTRIAN	Includes purchases related to horses/horse riding	Values from 0 to 99
MS_FAMILY	Includes products designed for families with children.	Values from 0 to 99
MS_FICTION	Include books & magazines of fiction	Values from 0 to 99
MS_FISHING	Include fishing paraphenalia as well as books & publications related to fishings	Values from 0 to 99
MS_FITNESS	Includes purchases of fitness equipment, clothing, accessories as well as subscribers to publications and books.	Values from 0 to 99
MS_FOOD	Includes purchases of any food item	Values from 0 to 99
MS_FUNDRAISING	Includes purchases of any food item	Values from 0 to 99
WIS_I ONDIVAISING		





MS_GARDEN	Includes purchases of gardening products, plants, seeds, books etc. Also includes subscribers to gardening publications	Values from 0 to 99
MS_MERCHANDISE	Includes catalog items not classified under any other affinity.	Values from 0 to 99
MS_GIFTGIVR	Number of orders that were given as gifts.	Values from 0 to 99
MS_GIFTEE	Number of orders that were received as gifts.	Values from 0 to 99
MS_GIFTS	Includes products usually given as gifts.	Values from 0 to 99
MS_GOURMET	Includes upscale products, and fine foods, wines, and other expensive items.	Values from 0 to 99
MS_HEALTH	MS_FITNESS is included in MS_HEALTH. Also includes health related items which are not fitness	Values from 0 to 99
MS_HISTORY	Includes purchases of books/publications related to history	Values from 0 to 99
MS_HOLIDAY	Includes items related to the holidays, usually Christmas.	Values from 0 to 99
MS_HOMEDECR	Includes furniture as well as other home décor items such as rugs, vases, pictures etc.	Values from 0 to 99
MS_HOMELIV	MS_CAT_HOMELIV, MS_PUB_HOMELIV, MS_HOMEDECR, MS_PUB_HOMEDECR, MS_CAT_HOMEDECR, MS_CAT_GARDEN, MS_COOKING, MS_PUB_COOKING, MS_GARDEN, MS_PUB_GARDEN, and MS_HOUSEWARES	Values from 0 to 99
MS_HOUSEWARES	Includes housewares excluding large appliance purchases	Values from 0 to 99
MS_HUMOR	Includes comic books and strips, cartoons, comedies, etc.	Values from 0 to 99
MS_HUNTING	Includes purchases of all types of hunting related items (including rifles, bows etc) as well as subscribers to hunting publications	Values from 0 to 99
MS_INSPIRATION	Includes non-religious products, such as new age products, astrology, etc.	Values from 0 to 99
MS_KIDAPP	Includes all types of children's apparel	Values from 0 to 99
MS_MAGS	Number of distinct participating magazine titles.	Values from 0 to 99
MS_MENAPP	Includes all types of men's apparel	Values from 0 to 99
MS_MOTORCYCLES	Includes all types of motorcycles/motorcycle related products and subscriptions to motorcycle publications	Values from 0 to 99
MS_MUSIC	Includes music, music playing equipment, and musical instruments.	Values from 0 to 99
MS_MONEYMAKING	Includes moneymaking opportunities, usually of the get-rich-quick nature.	Values from 0 to 99
MS_OUTDOORS	MS_BOATSAIL, MS_CAMP, MS_FISHING, and MS_HUNTING are included in MS_OUTDOORS.	Values from 0 to 99
MS_PFIN	Includes all types of personal finance (including magazines)	Values from 0 to 99
MS_PETS	Includes purchase of all types of pet products including cats and dogs	Values from 0 to 99
MS_PHOTOPROC	Includes companies that offer film processed via the mail or the Internet.	Values from 0 to 99
MS_PHOTO	Includes products/magazines related to photography	Values from 0 to 99
MS_PUBLISH	Number of distinct publishing participants, counting individual magazines and book companies	Values from 0 to 99





MS_PUB_COOKING	Includes all types of cooking publications & books	Values from 0 to 99
MS_PUB_FAMILY	Includes all types of family/children publications & books	Values from 0 to 99
MS_PUB_GARDEN	Includes all types of gardening publications & books	Values from 0 to 99
MS_PUB_GIFTGIVR	Indicates number of magazine subscriptions given as a gift	Values from 0 to 99
MS_PUB_GIFTEE	Indicates number of magazine subscriptions or book orders received as a Gift.	Values from 0 to 99
MS_PUB_HOMEDECR	Includes all types of publications & books related to home décor and furninishings	Values from 0 to 99
MS_PUB_HOMELIV	Includes all types of publications & books related to home living	Values from 0 to 99
MS_PUB_OUTDOORS	Includes all types of publications & books related to outdoors (includes hunting, fishing, camping, hiking, some watersports)	Values from 0 to 99
MS_SCIENCE	Includes products, magazines & books related to science	Values from 0 to 99
MS_SPORTS	Includes products, magazines & books related to sports	Values from 0 to 99
MS_TRAVEL	Includes products, magazines & books related traveling & vacations	Values from 0 to 99
MS_TVMOVIES	Includes purchases of videos, subscribers to streaming services as well as magazine subscribers	Values from 0 to 99
MS_WILDLIFE	Includes purchasers of products related to Wildlife and the environment as well as donors & magazine subscribers	Values from 0 to 99
MS_WOMAN	Includes generic women's publications.	Values from 0 to 99
MS_WOMAPP	Includes all types of women's apparel	Values from 0 to 99
MS_WOMFASH	Includes publications related to women's fashion.	Values from 0 to 99
CPI_HISTORY_AMERICAN _INDEX	Interested specifically in American History, patriotic themes, and/or veteran's issues. Included in CPI_HISTORY_INDEX.	Values from 9 to 0
CPI_APPAREL_INDEX	Interested in or purchasers of Apparel or fashion.	Values from 9 to 0
	Includes the CPI_APPAREL_ACCESSORIES, CPI_APPAREL_KIDS, CPI_APPAREL_MEN, CPI_APPAREL_MENFASH, CPI_APPAREL_WOMEN, CPI_APPAREL_WOMFASH indices below.	
CPI_APPAREL_ACCESSOR Y_INDEX	Interested in or purchaseres of shoes, purses, belts, etc. Included in CPI_APPAREL_INDEX.	Values from 9 to 0
CPI_APPAREL_KIDS_INDE X	Interested in or purchasers of children's apparel via direct marketing channels. Included in CPI_APPAREL_INDEX.	Values from 9 to 0
CPI_APPAREL_MEN_INDE X	Interested in or purchasers of men's apparel . Included in CPI_APPAREL_INDEX.	Values from 9 to 0
CPI_APPAREL_MENFASH _INDEX	Interested in or purchasers of men's fashion. Included in CPI_APPAREL_INDEX.	Values from 9 to 0
CPI_APPAREL_WOMEN_I NDEX	Interested in or purchasers of women's apparel via direct marketing channels. Included in CPI_APPAREL_INDEX.	Values from 9 to 0
CPI_APPAREL_WOMFASH _INDEX	Interested in or purchasers of women's fashion. Included in CPI_APPAREL_INDEX.	Values from 9 to 0
CPI_INSURANCE_AUTO_I NDEX	Interested in purchasing Automobile Insurance	Values from 9 to 0
CPI_AUTO_TRUCKS_INDE X	Interested specifically in trucks (excluding SUVs). Included in CPI_AUTO_INDEX.	Values from 9 to 0





CPI_AUTO_INDEX	Interested in anything automobile-related, such as auto parts and tools, restoration, performance, general and make/model specific enthusiast products, etc. Includes CPI_AUTO_RACING and CPI_AUTO_TRUCKS indices.	Values from 9 to 0
CPI_AVIATION_INDEX	Interested in airplanes and other things that really fly and can transport things and people. Does not include toy planes.	Values from 9 to 0
CPI_BARGAINS_INDEX	Interested in saving money, including coupons, low-cost stores and discount clubs, money-saving sales, rewards programs, auction websites, free stuff, etc.	Values from 9 to 0
CPI_BEAUTY_INDEX	Interested in beauty-related products, including cosmetics, treatments, etc.	Values from 9 to 0
CPI_BIBLE_INDEX	Interested in religion, church-going, bible-oriented products, and the spiritual.	Values from 9 to 0
CPI_PUBLISH_BOOKS_IND EX	Known to have purchased a book via direct marketing channels.	Values from 9 to 0
	Included in CPI_PUBLISH_INDEX. Includes CPI_NONFICTION, CPI_FICTION, and CPI_SCIFI passions.	
CPI_BUSINESS_INDEX	Interested in business news, career, and/or products usually associated with running a business. Includes CPI_BUSINESS_HOMEOFFICE index.	Values from 9 to 0
CPI_BUSINESS_HOMEOFF ICE_INDEX	Indication that the person has a Home Office. Included in CPI_BUSINESS_INDEX.	Values from 9 to 0
CPI_CATALOG_INDEX	Has purchased from a catalog.	Values from 9 to 0
CPI_DONOR_INDEX	Has a known history of donating to charitable causes.	Values from 9 to 0
CPI_FAMILY_INDEX	Those known to live in a family (i.e., adults and children) household, based on the presence of children and/or the purchase of children's related products. Includes both CPI_FAMILY_TEEN_INDEX and CPI_FAMILY_YOUNG_INDEX.	Values from 9 to 0
CPI_FAMILY_TEEN_INDEX	Those known to live in a family (i.e., adults and children) household with at least one teenager, based on based the presence of children and/or the purchase of teen-related products. Included in CPI_FAMILY_INDEX.	Values from 9 to 0
CPI_FAMILY_YOUNG_IND EX	Those known to live in a family (i.e., adults and children) household with at least one child under, based on the presence of children and/or the purchase of younger children's related products. Included in CPI_FAMILY_INDEX.	Values from 9 to 0
CPI_COLLECTIBLES_INDE X	Interested in collectibles, including dolls, coins, stamps, stuffed animals, plates, memorabilia, etc.	Values from 9 to 0
CPI_COLLEGE_INDEX	Interested in colleges and universities as an alumni.	Values from 9 to 0
CPI_COMPUTERS_INDEX	Interested in computers and products used with computers.	Values from 9 to 0
CPI_CONTINUITY_INDEX	Purchased a product offered via continuity.	Values from 9 to 0
CPI_COOKING_INDEX	Interested in cooking, baking, and all things culinary, including recipes and cooking equipment. Included in CPI_HOMELIV_INDEX.	Values from 9 to 0
CPI_CRAFTS_INDEX	Covers all crafts, including crochet, sewing, knitting, needlepoint, quilting, jewelry, ceramics, painting, etc.	Values from 9 to 0
	Includes the CPI_CRAFTS_CROCHET, CPI_CRAFTS_KNIT, CPI_CRAFTS_NEEDLEPOINT, CPI_CRAFTS_QUILT, CPI_CRAFTS_SEW passions listed below.	
CPI_CRAFTS_CROCHET_I NDEX	Interested in crocheting. Included in CPI_CRAFTS Index	Values from 9 to 0





CPI_CRAFTS_KNIT_INDEX	Interested in knititing. Included in CPI_CRAFTS Index	Values from 9 to 0
CPI_CRAFTS_NEEDLEPOI NT_INDEX	Interested in needlepoint. Included in CPI_CRAFTS Index	Values from 9 to 0
CPI_CRAFTS_QUILT_INDE X	Interested in quilting. Included in CPI_CRAFTS Index	Values from 9 to 0
CPI_CRAFTS_SEW_INDEX	Interested in the sewing craft. Included in CPI_CRAFTS_INDEX.	Values from 9 to 0
CPI_CC_INDEX	Has used a credit card to make a purchase	Values from 9 to 0
CPI_CREDIT_REPAIR_IND EX	Interested in repairing their credit	Values from 9 to 0
CPI_CREDIT_REPORT_IND EX	Have purchased or obtained a copy of their credit report	Values from 9 to 0
CPI_CULTUREARTS_INDE X	Interested in culture and the arts, including art, antiques, opera, museums, the theatre, etc.	Values from 9 to 0
CPI_CURREVENT_INDEX	Interested in the news and politics.	Values from 9 to 0
CPI_DIY_INDEX	Interested in Do It Yourself projects, including home improvements and construction, wood working, auto repair, etc.	Values from 9 to 0
CPI_EDUCATION_SEEKER S_INDEX	Interested in furthering their education including online schools, brick and mortar schools and trade schools	Values from 9 to 0
CPI_ELECTRONICS_INDEX	Interested in electronics, such as home and auto stereos, video equipment, etc. Does not include computers.	Values from 9 to 0
CPI_FICTION_INDEX	Interested in fiction books. Included in CPI_PUBLISH_INDEX and CPI_PUBLISH_BOOKS_INDEX.	Values from 9 to 0
CPI_GAMBLING_INDEX	Interested in games of chance, including casino gambling and lotteries.	Values from 9 to 0
CPI_GAMES_INDEX	Interested in a variety of games, including computer games, traditional board games, puzzles, etc.	Values from 9 to 0
CPI_GARDENING_INDEX	Interested in gardening and plants, both indoors and outdoors, decorative and edible. Included in CPI_HOMELIV_INDEX.	Values from 9 to 0
CPI_GIFTGIVR_INDEX	Has been known to purchase gifts for others via a direct marketing channel.	Values from 9 to 0
CPI_GOURMET_INDEX	Interested in gourmet and upscale products, such as fine foods, wines, and other expensive items.	Values from 9 to 0
CPI_HEALTH_INDEX	Interested in one's health and/or self-improvement. Includes HEALTH_DIET and HEALTH_FITNESS indices below.	Values from 9 to 0
CPI_INSURANCE_HEALTH _INDEX	Interested in purchasing Health Insurance	Values from 9 to 0
CPI_HEALTH_DIET_INDEX	Interested in weight control or losing weight. Included in CPI_HEALTH_INDEX.	Values from 9 to 0
CPI_HEALTH_FITNESS_IN DEX	Interested in physical fitness and exercise, including running, biking, walking, weight lifting, aerobics, etc. Included in CPI_HEALTH_INDEX.	Values from 9 to 0
CPI_HIGHTECH_INDEX	Interested in new and/or relatively rare high technology electronic products, such as HDTV's, digital video cameras, digital video recorders, satellite radio, pagers, home fax machines, plasma TVs, etc. This is a moving target as products become more accepted and as new products are invented.	Values from 9 to 0





CPI_HISPANIC_INDEX	Race indicated as Hispanic, speaks Spanish, and/or interested in Hispanic- oriented products.	Values from 9 to 0
CPI_HISTORY_INDEX	Interested in History. Includes CPI_HISTORY_AMERICAN index.	Values from 9 to 0
CPI_HOBBIES_INDEX	Interested in unspecified hobbies or in various hobbies not included in other passions.	Values from 9 to 0
CPI_HOMEDECR_INDEX	Interested in Home Decorating, such as furnishings, wall and window treatments, layouts, etc. Included in CPI_HOMELIV_INDEX.	Values from 9 to 0
CPI_HOMELIV_INDEX	Interested in things related to the home. These include the CPI_COOKING, CPI_GARDENING, and CPI_HOMEDECR passions listed below, but also include house wares, linens, and the like.	Values from 9 to 0
CPI_EQUESTRIAN_INDEX	Interested in horses and riding.	Values from 9 to 0
CPI_INSPIRATION_INDEX	Interested in non-religious inspiration, including new age products, astrology, etc.	Values from 9 to 0
CPI_INSURANCE_INDEX	Interested in purchasing insurance (includes Life, Health & Auto)	Values from 9 to 0
CPI_INTERNET_ACCESS_I NDEX	Known only to have internet access; does not necessarily include an internet purchase. Included in CPI_INTERNET_INDEX.	Values from 9 to 0
CPI_INTERNET_BUY_INDE X	Known to have purchased a product via the internet. Included in CPI_INTERNET_INDEX.	Values from 9 to 0
CPI_INTERNET_INDEX	Known to be on the internet. Includes the INTERNET_ACCESS and INTERNET_BUY passions.	Values from 9 to 0
CPI_JOB_SEEKERS_INDEX	Users of online job searching sites	Values from 9 to 0
CPI_PUBLISH_MAGS_IND EX	Known to have purchased a magazine via direct marketing channels. Included in CPI_PUBLISH_INDEX.	Values from 9 to 0
CPI_PUBLISH_INDEX	Known to have purchased a book or magazine via direct marketing channels.	Values from 9 to 0
	Includes CPI_PUBLISH_MAGS and CPI_PUBLISH_BOOKS passions.	
CPI_MOBILE_APPS_INDE X	Have purchased a ring tone or app for a mobile device	Values from 9 to 0
CPI_MOTORCYCLES_INDE X	Interested in motorcycles and ATVs.	Values from 9 to 0
CPI_MUSIC_INDEX	Interested in music and/or music playing equipment.	Values from 9 to 0
CPI_NONFICTION_INDEX	Interested in non-fiction books. Included in CPI_PUBLISH_INDEX and CPI_PUBLISH_BOOKS_INDEX.	Values from 9 to 0
CPI_MONEYMAKING_IND EX	Interested in moneymaking opportunities, usually of the get-rich- quick nature.	Values from 9 to 0
CPI_OUTDOORS_INDEX	Interested in outdoor, sportsman-type activities.	Values from 9 to 0
	Includes the CPI_OUTDOORS_BOATSAIL, CPI_OUTDOORS_CAMP, CPI_OUTDOORS_FISHING, CPI_OUTDOORS_HUNTING, and CPI_OUTDOORS_HUNTFISH passions listed below.	
CPI_OUTDOORS_BOATSAI L_INDEX	Interested in boating, sailing, canoeing, kayaking, water skiing, rafting, etc. Included in CPI_OUTDOORS_INDEX.	Values from 9 to 0





CPI_OUTDOORS_CAMP_I NDEX	Interested in camping, hiking, climbing, etc. Included in CPI_OUTDOORS_INDEX.	Values from 9 to 0
CPI_OUTDOORS_FISHING _INDEX	Interested specifically in fishing, saltwater and/or freshwater. Included in CPI_OUTDOORS_INDEX.	Values from 9 to 0
CPI_OUTDOORS_HUNTIN G_INDEX	Interested specifically in hunting or guns. Included in CPI_OUTDOORS_INDEX.	Values from 9 to 0
CPI_OUTDOORS_HUNTFIS H_INDEX	Interested in hunting and/or fishing. Source data covers both (general sportsman activities), not specific to one or the other. Included in CPI_OUTDOORS_INDEX.	Values from 9 to 0
CPI_PFIN_INDEX	Interested in personal finance, investments, retirement planning, etc.	Values from 9 to 0
CPI_EGO_INDEX	Interested in personalized products, such as monograms.	Values from 9 to 0
CPI_PETS_INDEX	Includes purchase of all types of pet products including cats and dogs	Values from 9 to 0
CPI_PETS_CATS_INDEX	Interested in or an owner of cats. Included in CPI_PETS_INDEX.	Values from 9 to 0
CPI_PETS_DOGS_INDEX	Interested in or an owner of dogs. Included in CPI_PETS_INDEX.	Values from 9 to 0
CPI_PHOTOPROC_INDEX	Known to have had film processed via the mail or the internet.	Values from 9 to 0
CPI_PHOTOG_INDEX	Interested in photography.	Values from 9 to 0
CPI_CONSERVATIVE_IND EX	Expressed a preference for a conservative political point of view or party.	Values from 9 to 0
CPI_LIBERAL_INDEX	Expressed a preference for a liberal political point of view or party.	Values from 9 to 0
CPI_SOCIAL_NETWORKIN G_INDEX	Users of online social networking services such as facebook, twitter etc.	Values from 9 to 0
CPI_SPORTS_INDEX	Interested in sports, mostly spectator and/or paraphernalia purchaser, but includes participation.	
	Includes the CPI_SPORTS_BASEBALL, CPI_SPORTS_BASKETBALL, CPI_SPORTS_FOOTBALL, CPI_SPORTS_GOLF, CPI_SPORTS_HOCKEY, CPI_SPORTS_SKIING, CPI_SPORTS_SOCCER and CPI_SPORTS_TENNIS passions below.	Values from 9 to 0
CPI_SPORTS_BASEBALL_I NDEX	Interested in the specific sport of Baseball as a spectator, paraphernalia purchaser and/or participant.	Values from 9 to 0
CPI_SPORTS_BASKETBAL L_INDEX	Interested in Basketball	Values from 9 to 0
CPI_SPORTS_BIKING_IND EX	Interested in Biking	Values from 9 to 0
CPI_SPORTS_FOOTBALL_I NDEX	Interested in Football	Values from 9 to 0
CPI_SPORTS_GOLF_INDE X	Interested in Golf	Values from 9 to 0
CPI_SPORTS_HOCKEY_IN DEX	Interested in Hockey	Values from 9 to 0
CPI_SPORTS_RUNNING_I NDEX	Interested in Running	Values from 9 to 0
CPI_SPORTS_SKI_INDEX	Interested in Skiing	Values from 9 to 0
CPI_SPORTS_SOCCER_IN DEX	Interested in Soccer	Values from 9 to 0

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CPI_SPORTS_SWIMMING_	Interested in Swimming	Values from 9 to 0
INDEX	·	
CPI_SPORTS_TENNIS_IND EX	Interested in Tennis	Values from 9 to 0
CPI_SWEEPS_INDEX	Interested in offers utilizing sweepstakes.	Values from 9 to 0
CPI_TRAVEL_INDEX	Interested in traveling. Includes the CPI_TRAVEL_CRUISE, CPI_TRAVEL_RV and CPI_TRAVEL_US passions.	Values from 9 to 0
CPI_TRAVEL_CRUISE_IND EX	Interested in boat cruises. Included in CPI_TRAVEL_INDEX.	Values from 9 to 0
CPI_TRAVEL_RV_INDEX	Interested in recreational vehicles or known to own one. Included in CPI_TRAVEL_INDEX.	Values from 9 to 0
CPI_TRAVEL_US_INDEX	Interested in travel within the US. Included in CPI_TRAVEL_INDEX.	Values from 9 to 0
CPI_TVMOVIES_INDEX	Interested in television, movies, videos, DVDs, etc.	Values from 9 to 0
CPI_WILDLIFE_INDEX	Interested in the environment and/or wildlife.	Values from 9 to 0
HHCLSTRDCD	See https://infutor.com/cluster-explorer/ for cluster codes and definitions	Cluster code
NEIGHBORHOOD_CLSTRD CD	See https://infutor.com/cluster-explorer/ for cluster codes and definitions	Cluster code
FMCLSTRDCD	See https://infutor.com/cluster-explorer/ for cluster codes and definitions	Cluster code
MESSAGING_CLSTRDCD	See Connex Messaging Clusters Table	Cluster code
DIGITALCLSTRDCD	See https://infutor.com/cluster-explorer/ for cluster codes and definitions	Cluster code
GENERATION_CLSTRDCD	See https://infutor.com/cluster-explorer/ for cluster codes and definitions	Cluster code
GENERATION_GRPCD	See Connex Generation Groups Table	Generation group code
LIFESTG_CLSTRD	See Connex Life Stage Clusters Table	Cluster code
LIFESTG_GRPCD	See Connex Life Stage Groups Table below	Life Stage group code
CT_MEDIA_HEAVYUSAGE _MAGAZINE	Y - Frequent reader of magazines	1 character: Y
CT_MEDIA_HEAVYUSAGE _NEWSPAPER	Y - Frequent reader of newspapers	1 character: Y
CT_MEDIA_HEAVYUSAGE _RADIO	Y - Frequent listener to radio	1 character: Y
CT_MEDIA_HEAVYUSAGE _PTRADIO	Y - Frequent listener to radio primetime	1 character: Y
CT_MEDIA_HEAVYUSAGE _TV	Y - Frequent watcher of television	1 character: Y
CT_MEDIA_HEAVYUSAGE _INTERNET	Y - Frequent user of internet	1 character: Y
CT_MEDIA_HEAVYUSAGE _ODRMDA	Y - Frequent reader of outdoor media	1 character: Y
CT_SOCIALUSAGE30_FB	Y - Facebook Social media, photo or video-sharing services visited or used in the last 30 days	1 character: Y
CT_SOCIALUSAGE30_INS TA	Y - Instagram Social media, photo or video-sharing services visited or used in the last 30 days	1 character: Y
CT_SOCIALUSAGE30_LNK IN	Y - Linkedin Social media, photo or video-sharing services visited or used in the last 30 days	1 character: Y
CT_SOCIALUSAGE30_PIN T	Y - Pinterest Social media, photo or video-sharing services visited or used in the last 30 days	1 character: Y

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TTER	Y - Twitter Social media, photo or video-sharing services visited or used in the last 30 days	1 character: Y
CT_SOCIALUSAGE30_YOU TUBE	Y - Youtube Social media, photo or video-sharing services visited or used in the last 30 days	1 character: Y
CT_STRMSUB_PRIME	Y - Subscribes to Prime Video for streaming video services	1 character: Y
CT_STRMSUB_HULU	Y - Subscribes to Hulu for streaming video services	1 character: Y
CT_STRMSUB_NETFLIX	Y - Subscribes to Netflix for streaming video services	1 character: Y
CT_SMRTPHN_TYPEOWN S_ANDROID	Y - Owns an Android smartphone (any brand)	1 character: Y
CT_SMRTPHN_TYPEOWN S_IPHONE	Y - Owns an Apple iPhone smartphone	1 character: Y
CT_HOMEIMPROVE12_AN Y	Y - Made improvements to home	1 character: Y
CT_HOMEREMODEL12_A NY	Y - Home Remodeling - Summary: Any: In last 12 months	1 character: Y
CT_POLITICAL_PARTYAF F_DEMOCRAT	Y - Democratic political affiliation	1 character: Y
CT_POLITICAL_PARTYAF	Y - Republican political affiliation	1 character: Y
F_GOP CT_POLITICAL_PARTYAF	Y - Independent/no party affiliation	1 character: Y
F_IND CT_POLITICAL_OUTLK_V	Y - Political outlook is very conservative	1 character: Y
CONSERV CT_POLITICAL_OUTLK_S	Y - Political outlook is somewhat conservative	1 character: Y
WCONSERV CT_POLITICAL_OUTLK_MI	Y - Political outlook is middle of the road	1 character: Y
CT_POLITICAL_OUTLK_S WLIBERAL	Y - Political outlook is somewhat liberal	1 character: Y
CT_POLITICAL_OUTLK_VL IBERAL	Y - Political outlook is very liberal	1 character: Y
CT_ONLINESHOPSEG_OF FLINE	Y - Online Shoppers Segments: Offline-Only Shoppers	1 character: Y
CT_ONLINESHOPSEG_TR AD	Y - Online Shoppers Segments: Traditional Consumers	1 character: Y
CT_ONLINESHOPSEG_ST RAITFWD	Y - Online Shoppers Segments: Straightforward Shoppers	1 character: Y
CT_ONLINESHOPSEG_DE ALSEEK	Y - Online Shoppers Segments: Passionate Deal Seekers	1 character: Y
CT_ONLINESHOPSEG_QU ALSEEK	Y - Online Shoppers Segments: Active Quality Seekers	1 character: Y
	Y - Technology Attitude Segments: Techno-Phobes	1 character: Y
CT_TECHTUDESEG_LAGG	Y - Technology Attitude Segments: Techno-Laggards	1 character: Y
CT_TECHTUDESEG_XPLOI	Y - Technology Attitude Segments: Tech-Sploiters	1 character: Y
CT_TECHTUDESEG_GAME	Y - Technology Attitude Segments: Techno-Gamers	1 character: Y
CT_TECHTUDESEG_THUS	Y - Technology Attitude Segments: Tech-Thusiasts	1 character: Y
CT_TECHTUDESEG_XPLO	Y - Technology Attitude Segments: Tech-Splorers	1 character: Y
CT_DNR_CONTRIB_PBS	Y - Contributed to Public Broadcasting Service (PBS)	1 character: Y
CT_DNR_CONTRIB_NPR	Y - Contributed to National Public Radio (NPR)	1 character: Y
CT_DNR_CONTRIB_RELIGI OUS	Y - Contributed to religious organization(s)	1 character: Y
CT_DNR_CONTRIB_ARTS	Y - Contributed to arts/cultural organization(s)	1 character: Y
CT_DNR_CONTRIB_EDU	Y - Contributed to educational organization(s)	1 character: Y
CT_DNR_CONTRIB_ENVIR 0	Y - Contributed to environmental organization(s)	1 character: Y



CT_DNR_CONTRIB_HEAL TH	Y - Contributed to health organization(s)	1 character: Y
CT_DNR_CONTRIB_POL	Y - Contributed to political organization(s)	1 character: Y
CT_DNR_CONTRIB_SOCS ERV	Y - Contributed to social service organization(s)	1 character: Y
CT_DNR_CONTRIB_NONR EL	Y - Contributed to other non-religious organization(s)	1 character: Y
CT_DNR_CONTRIBAMT_H IGH	Y - Contributed \$500 or more to organization(s)	1 character: Y
CT_VOLUNTEER_CHTYOR G	Y - Volunteered for a charitable organization	1 character: Y
CENSPCT_WATER	Percentage of Water in a given zip code	From 0-100
CENS_POP_DENSITY	Population Density per square mile in a given zip code	6 character max eg. 85035
CENS_HU_DENSITY	Housing Units Density per square mile in a given zip code	6 character max eg. 29338
CENSPCT_POP_WHITE	Percentage of White population in a given zip code	From 0-100
CENSPCT_POP_BLACK	Percentage of Black population in a given zip code	From 0-100
CENSPCT_POP_AMERIND	Percentage of American Indian population in a given zip code	From 0-100
CENSPCT_POP_ASIAN	Percentage of Asian population in a given zip code	From 0-100
CENSPCT_POP_PACISL	Percentage of Pac Islander population in a given zip code	From 0-100
CENSPCT_POP_OTHRACE	Percentage of Other Races population in a given zip code	From 0-100
CENSPCT_POP_MULTIRA	Percentage of Multi Race population in a given zip code	From 0-100
CENSPCT_POP_HISPANIC	Percentage of Hispanic population in a given zip code	From 0-100
CENSPCT_POP_AGELT18	Percentage Population Age 18 in a given zip code	From 0-100
CENSPCT_POP_MALES	Percentage Males in a given zip code	From 0-100
CENSPCT_ADULT_AGE18	Percentage Adult Age 18-24 in a given zip code	From 0-100
CENSPCT_ADULT_AGE25	Percentage Adult Age 25-34 in a given zip code	From 0-100
CENSPCT_ADULT_AGE35 44	Percentage Adult Age 35-44 in a given zip code	From 0-100
CENSPCT_ADULT_AGE45 54	Percentage Adult Age 45-54 in a given zip code	From 0-100
CENSPCT_ADULT_AGE55 64	Percentage Adult Age 55-64 in a given zip code	From 0-100
CENSPCT_ADULT_AGEGE 65	Percentage Adult Age 65+ in a given zip code	From 0-100
CENS_POP_MEDAGE	Population Median Age in a given zip code	From 0-100
CENS_HH_AVGSIZE	Average Household Size in a given zip code (not rounded to the nearest whole)	10 characters max eg. 3
CENSPCT_HH_FAMILY	Percentage HH Family in a given zip code	From 0-100
CENSPCT_HH_FAMILY_H USBWIFE	Percentage HH Family Husband & Wife in a given zip code	From 0-100
CENSPCT_HU_OCCUPIED	Percentage Housing unit Occupied in a given zip code	From 0-100
CENSPCT_HU_OWNED	Percentage Housing unit Owned in a given zip code	From 0-100
CENSPCT_HU_RENTED	Percentage Housing unit Rented in a given zip code	From 0-100

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For Additional Detail



CENSPCT_HU_VACANTSE ASONAL Percentage Housing unit Vacant/Seasonal in a given zip code

From 0-100

Property Attributes:

Output Field	Description	Return Values			
PROP_IND	Property type indicat	tor, 2 digit numeric:			nn
	10 - Single Family Residet 11 - Condominium (residet 20 - Commercial 21 - Duplex, Triplex, Quad 22 - Apartment 23 - Hotel, Motel 24 - Commercial (condom 25 - Retail 26 - Services (general put 27 - Office Building 28 - Warehouse 29 - Financial Institution	ential) Iplex ninium)	30 - Hospital (medi 31 - Parking 32 - Amusement – 50 - Industrial 51 - Industrial Light 52 - Industrial Heav 53 - Transport 54 - Utilities 70 - Agricultural 80 - Vacant 90 - Exempt	Recreation	
PROP_MOBHOME	Mobile Home is pres	ent on the parcel			Y or blank
PROP_YRBLD	The construction year	ar 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 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 METAL 116 - BUILT UP WOOD 119 - 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/SLATE	127 - CLAY/CONCRETE TII 131 - COMPOSITION SHINGLE/METAL 132 - COMPOSITION TILE 133 - COMPOSITION SHING 135 - CONCRETE DECK 136 - CONCRETE DECK 136 - CONCRETE TILE 138 - OPPER/ENAMEL ME SHEETING 139 - COPPER/METAL 140 - CORRUGATED ASBESTOS 141 - CORRUGATED IRON 142 - CORRUGATED IRON 143 - CORRUGATED METAL 145 - CRUSHED ROCK 146 - ENAMELED METAL 147 - FIBERGLASS 148 - FIBERGLASS/PLAST 150 - GLAZED TILE 151 - GRAVEL 152 - GRAVEL & ROCK 154 - HARDWOOD 155 - METAL 157 - METAL 157 - METAL 159 - METAL/TAR PAPER	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 L 177 - SHAKE 178 - ROLL TAR & GRAVEL 179 - TIN 999 - BYPASS	nnn
PROP_ROOFTYPE	999- BYPASS 9A0- IRREGULAR 9B0- LEAN TO A- A-FRAME B- BARN C- CANOPY D- DORMER E- FRAME F- FLAT G- G- GABLE	H- GABLE/HIP I- HIP J- GEODESIC K- MANSARD L- BARREL M- MONITOR N- CONTEMPORARY O- SHED P- PITCHED Q- PYRAMID	3	R-ARCHED S-SAWTOOTH IT-CATHEDRAL/CLERESTORY J-BUBBLE J-GAMBREL M-SWISS CHALET/ALPINE K-COMPLEX/CUSTOM Y-BUTTERFLY Z-GAMBREL/MANSARD	nnn (3 characters)
PROP_POOL		if a Pool is present on the pa	arcel.		Y or blank

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PROP_MTGLOANCD	Mortgage Type	nnn		
	WRP - WRAP-AROUND MORTGAGE VA - Veterans Affairs FHA - Federal Housing Administration CNV - CONVENTIONAL	PP - PRIVATE PARTY	DEVELOPMENT AUTHORITY ON ORTGAGE	
HEQUITY_EST	Estimate of Homeowne	er Equity in the Prope	erty in Dollars	6 Characters
AVM_ESTIMATE	Estimate of Property V	alue in Dollars		7 Characters
PROP_MTGTERM	The length of time of t	ne mortgage in years	S.	Integer (years)
PROP_MTGDUEDATE	Date mortgage become	es due.		YYYYMMDD
PROP_MTGINTRATE TYPE	Mortgage Rate Type			nnn
	FIX - Fixed ADJ - Adjustable	VAR - Variable BAL - Balloon		
PROP_MTGINTRATE	Mortgage Interest Rate	String value		
HEQUITY_CONF	Home Equity Estimate	Confidence Level (1	to 4)	1 Character: 1 - 4
	1 - High confidence Home Ed 2 - Medium confidence Hom			
AVM_ESTIMATE_ER ROR	Estimate Error in Dollar	ational if zip not available)	7 Characters	
AVM_ESTIMATE_PC T_ERROR	Estimate Error as a per available)	4 Characters		
PROP_OWNEROCC	Absentee owner indica	A,M,O,S,T or blank		
	A- Absentee(Mail And Situs M- Situs Address Taken Fro O- Owner Occupied S- Situs From Sale (Occupie T- Situs From Sale (Absente	m Mail d)		

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PROP_STYLE	999 - BYPASS ADC - ART DECO AFR - FRAME AIR - AIRLITE ANT - ANTIQUE/HIST BIL - BI-LEVEL BUN - BUNGALOW CAB - CAPE COD CEN - CENTER HALL CHL - CHALET/ALPIN CLU - CLUSTER CND - CONDOMINIUM CNT - CONTEMPORAI COA - COACH/CARRI COA - COACH/CARRI COL - COLONIAL CON - CONVENTIONA COV - CONVENTIONA COV - CONVENTED SC CTB - COTTAGE/BUN DES - CUSTOM/DESIG DOM - DOME DUP - DUPLEX EUR - EUROPEAN FAR- FARM HOUSE FED - FEDERALIST FRE - FRENCH PROVII	E 1 RY AGE HOUSE LL CHOOL GALOW ENER/ESTATE	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 MLT - MULTI-FAMILY MLL - MULTI-EVEL 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	00Q - SPL 00R - SPLI 00S - SPLI 00U - SPLI 00V - SPLI 00W - TRII 02S - 2 PLI 03S - 3 PLI 04S - 4 PLI 05S - 5 PLI 50A - 150 50E - 250 X10 - 1 STI X20 - 2 STI X25 - 2 1/ X30 - 3 STI X45 - 4 1/ X50 - 5 STI	EVEL _TI-LEVEL IT 2 LEVEL IT 3 LEVEL IT 4 LEVEL IT 5 LEVEL IT 6 LEVEL IT FOYER IT LEVEL LEVEL US US US US	nnn
PROP_QLTY	QAV - AVERAGE QBA - BELOW AVERA QVV - ABOVE AVERA QPO - POOR QEX - EXCELLENT QLU - LUXURY 999 - BYPASS QGO - GOOD QLO - LOW QFA - FAIR QEC - ECONOMICAL	nnn				

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PROP_COND	EXC - EX FAI - FA GOO - G GTE - GO POO - PO UCN - U UNS - U	PASS VERAGE HYSICAL DAMAGE (CELLENT IIR OOD DOD TO EXCELLENT					nnn
PROP_CNSTRTYPE	ALS - AL ALV - AL AOD - AF BCB - BF BLB - BL BLM - BI BLS - BL BRC - BF BRF - BR BRK - BF BRH - BR BRM - BF BRM - BF BRM - BC CCB - CCCCC - CCCCCCCCCCCCCCCCCCCC	FRAME UMINUM FRAME UMINUM SIDING UMINUM/VINYL RCHED/DOME RICK/CINDER BLOCK OCK/BRICK .OCK/METAL OCK/STEEL RICK/CONCRETE ICK/FRAME	COM - (CRE - C CUS - C DOM - I FLX - FI FRM - F FRS - FI FRY - FI GLA - G HEA - H LIG - LI LIG - LI MAN - I MAS - N MET - N PFR - P	LEXIBLE/FLEXICORE RAME RAME/STEEL RAME/MASONRY RAME/STUCCO SLASS HEAVY GHT OG MANUFACTURED/MODULAR MASONRY	SRO - STE - STU - STV - STW - TBM - TLU - TUC - WBR - WCB - BLOC WMT WOO WSC - WSL -	STEEL/MASONRY STONE/ROCK STEEL STEEL/STUCCO STUCCO STONE VENEER -STEEL/WOOD -TILT-UP BRICK/METAL TILT-UP TILT-UP CONCRETE -WOOD FRAME/CONCRETE K -WOOD FRAME/METAL -WOOD -WOOD/STUCCO -WOOD/STUCCO -WOOD/STONE BYPASS	nnn
PROP_EXTNW	999- CWL	999 - BYPASS ABL - ALUMINUM/BLOCK ABP - ASBESTOS/BLOCK/PLYWOOABR - ASBESTOS/BRICK VENEER/ ABW - ASBESTOS/BRICK VENEER/ ABW - ASBESTOS/BRICK VENEER/ ABW - ASBESTOS/BRICK VENEER/ ABW - ASPHALT/FIBERGLASS/WOFRAME ALB - ALUMINUM/BRICK ALF - FRAME/ALUMINUM ALM - ALUMINUM/MASONITE ALN - ALUMINUM/STONE ALS - ALUMINUM SIDING ALU - ALUMINUM SIDING ALU - ALUMINUM/STONE ALS - ALUMINUM/STONE ASISTOS - ASBESTOS ASC - ASBESTOS - RAME ASG - ASBESTOS SHINGLE ASI - ASBESTOS SHINGLE ASI - ASBESTOS/BLOCK ASM - ASBESTOS/STONE ASISTOS/ANSONITE ASO - ALUMINUM/STUCCO ASP - ASBESTOS/STONE ASISTOS/STONE BBA - BOARD & BATTEN BBD - BLACK-BOARD BBS - BRICK/CONCRETE BLOCK S BBW - BOARD & BATTEN BBD - BLACK-BOARD BBS - BRICK/FRAME/STONE BFT - BRICK/FRAME/STONE BFT - BRICK/FRAME/STONE BFT - BRICK/FRAME/VENEER BFW - BRICK/FRAME/VENEER BFW - BRICK/FRAME/WOOD BLB - BLOCK/BRICK BLF - FRAME/BLOCK BLM - BLOCK/PAINTED	WOOD OOD O	BLS - BLOCK/STONE BLT - BLOCK/METAL BLW - BLOCK/WOOD BMG - BRICK/METAL & GLAS PANEL BMM - BRICK/MASONITE BMN - BRICK/MASONRY/STO BMS - BLOCK/MASONRY/STO BMS - BLOCK/MASONRY/STO BMT - BRICK/METAL/VENEE BOP - BOARD ON POST BRC - BRICK/CONCRETE BRI - BRICK BRM - BRICK/STUCCO BRP - BRICK/STUCCO BRP - BRICK/STONE BRS - BRICK/STONE BRS - BRICK/STONE BRS - BRICK/STONE BRS - BRICK/STONE BRY - BRICK/STONE BSH - BRICK/STONE/WOOD BST - BLOCK/STONE/WOOD BST - BLOCK/STONE/WOOD BST - BLOCK/STONE/WOOD BST - BLOCK/STONE/WOOD BST - BRICK/STONE/WOOD BST - BRICK/WOOD/STONE VENEER BWY - BRICK/	DNE JCCO R	CBU - CINDER BLOCK/STUCCO CBV - CONCRETE BLOCK/STONE VENEER CBW - CINDER BLOCK/WOOD CBY - CONCRETE BLOCK/MOOD 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 SIDING CSH - COMPOSITION SHINGLE CSI - COMPOSITION SIDING/STUCCO CST - CONCRETE STUCCO CUS - CUSTOM CWL - PORCELAIN/ENAMEL PANEL	nnn

Technical Documentation



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 FIB - FIBERGLASS FIMM - FRAME/MASONRY FMV - FRAME/MASONRY/VENEER FPM - FRAME/PERMASTONE FPP - FRAME/PERMASTONE FPP - FRAME/PLYWOOD FRA - FRAME FRB - FRAME BRICK FRC - FRAME COMPOSITION FRE - FRAME/SHINGLE FRG - FRAME/GLASS FRM - FRAME/FAL FRS - FRAME/WODD FSB - FRAME/WODD FSB - FRAME/WODD FSB - FRAME/STEEL/SIDING FSC - FRAME/STEEL/SIDING FSC - FRAME/STEEL/SIDING FSC - FRAME/STEEL/SIDING FSS - FRAME/STEEL/SIDING FSS - FRAME/STEEL/SIDING FSS - FRAME/STEEL/SIDING FSS - FRAME/STEEL/BETAL FSP - FRAME/STEEL/SIDING FST - FRAME/STEEL PANEL FSS - FRAME/STEEL PANEL FSS - FRAME/STEEL PANEL FSS - FRAME/STUCCO FSV - FRAME/STONE/VENEER FSW - FRAME/STONE/VENEER FSW - FRAME/TILE/WOOD FWB - FRAME WOOD/STUCCO FWD - FRAME WOOD/STUCCO FWS - FRAME WOOD FWS - FRAME WOOD FWS - FRAME WOOD FWS - FRAME/WOOD SIDING	GLA - GLASS GLB - BRICK/GLASS GLL - ALUMINUM/GLASS GLM - GLASS/METAL GLS - GLASS/STEEL GMA - GLASS/STEEL GMA - GLASS/MASONRY GST - GLASS/STONE GUN - GUNITE GWD - GLASS/WOOD HAR - HARDBOARD HAY - HAYDITE HBP - HARDBOARD/PLYWOOD HBV - HARDBOARD/VINVL HRW - HARDWOOD IMI - SYNTHETIC PANEL/SIDING INC - FIREPROOF/FIRE RETARDANT IRN - IRON POST/CORRUGATED IRON LOG - LOG LPS - LAP SIDING LWS - LOG/WOOD SHINGLE MAS - MASONITE MBS - MARBLE MAS - MASONITE MBS - MARBLE/STONE MEL - METAL/STEEL MET - METAL MIX - MIXTURE MLS - METAL/STUCCO MSC - MASONITE/STUCCO MSC - MASONITE/STUCCO MSC - MASONITE/STUCCO MSC - MASONITE/STONE MST - MASONRY/METAL MSN - MASONRY/STONE MST - MASONRY/STONE MST - MASONITE/STONE MSV - 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/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 PP - PREFAB PRP - PREFAB PP - PRECAST CONCRETE PRF - PREFAB PR - PRECAST TEXTURED 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 SIDING SGW - SHEATHING SHE - SHEATHING SHI - SHINGLE/BRICK SHE - SHEATHING SHI - SHINGLE SHS - SHEATHING/STUCCO SHW - SHEATHING/WOOD SIN - SINGLE SUUP 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 SIDING/WOOD FRAME STE - STEEL/STUCCO SST - STEEL/STUCCO SST - STEEL/STUCCO ST - STEEL/FAME STF - STEEL FRAME STF - STEEL FRAME STF - STEEL/PANEL STT - STUCCO/TILE STU - STUCCO STV - STONE VENEER STW - STUCCO/TILE/WOOD	STY - STYROFOAM STUCCO SUV - STUCCO/VINYL SVE - STUCCO/VINYL SVE - STUCCO/VINYL SVE - STONE VENEER/WOOD FRAME SVL - STONE/VINYL SVW - STONE/VINYL SVW - STONE/VINYL SVW - STONE/VOOD FRAME SWS - STUCCO/WOOD FRAME SWS - STONE/WOOD FRAME TAP - TAR PAPER TIL - TILE TUU - TILT-UP/CONCRETE TUU - TILT-UP/CONCRETE TUU - TILT-UP VIN - VINYL VIT - VITROLITE VNW - VINYL/WOOD WAF - WAFERBOARD WAS - WOOD/ALUMINUM/COMPOSIT WDA - WOOD FRAME WDH - WOOD SIDING/SHINGLE WDS - WOOD SHEATHING WDV - WOOD FRAME/SIDING WFV - WOOD FRAME/VINYL WFX - WOOD FRAME/VINYL WFX - WOOD FRAME/VINYL WFX - WOOD FRAME/STUCCO OR ASI WLB - WALLBOARD WOO - WOOD WOS - WOOD SIDING WRB - WEATHERBOARD WSS - WOOD SHAKE/SHINGLE WSS - WOOD SHONG WRB - WEATHERBOARD WSS - WOOD SHINGLE WWL - WINDOW WALL WWS - WALLBOARD/WOOD SHINGLE WWL - WINDOW WALL WWS - WALLBOARD/WOOD SHINGLE XXX - CBS/HOLW TILE/FR/STUD/SHE	FION SHIN BESTOS)	

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PROP_EXTNW (cont'd)	ADC-WSH ADC-ART DECO AFR-A-FRAME AIR - AIRLITE ANT - ANTIQUE/HIS BIL - BI-LEVEL BUN - BUNGALOW CAB - CABIN CAP - CAPE COD CEN - CENTER HALL CHL - CHALET/ALP CLU - CLUSTER CND - CONDOMINIL COA - COACH/CARI COL - COLONIAL COV - CONVERTED CTB - COTTAGE/BU DES - CUSTOM/DES DOM - DOME DUP - DUPLEX EUR - EUROPEAN FAR - FARM HOUSE FED - FEDERALIST GAM - GAMBREL/B, GEO - GEODESIC GOT - GOTHIC GRA - GARAGE APA GRE - GREEK REVIV GRG - GEORGIAN GRS - GARRISON/FI HRI - HIGH RISE HSH - H-SHAPE LRI - LOW RISE LSH - L-SHAPE MAN - MANSION MDR - MODULAR/P	L INE JM RIAGE HOUSE SCHOOL NGALOW IGNER/ESTATE ARN RTMENT AL RONTIER	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 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 - WISHAPE	nnn		
PROP_VALCALC	The "total" (i.e., land + in county or local taxing au		closet to current market value used for assessment by	Integer (dollars)		
PROP_IMP_VALCAL C	The "improvement" valu taxing authorities.	e "improvement" value closest to current market value used for assessment by county or local king authorities.				
PROP_VAL_CALCIND	Property Value type A - Assessed					
	M - Market	P - Appraised T - Transitional				
PROP_IMP_VALCAL C_IND	The "improvement" valu			A, M, P, or T		
	A - Assessed M - Market	P - Appraised T - Transitional				
PROP_ASSED_VAL		he Total Assessed Value of the Parcel's Land & Improvement values as provided by the county or cal taxing/assessment authority.				
PROP_ASSED_IMPV AL	Assessed Improvement	Assessed Improvement Value				
PROP_MRKTVAL	Total Market Value	Total Market Value				
PROP_MRKT_IMPVA L	Market Improvement Va	Integer (dollars)				
PROP_APPRAISED_V AL	Total Appraised Value			Integer (dollars)		

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

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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 VBI - 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/OCEAN VOB - OBSTRUCTED	VOC - OCEAN VPA - PARK VPD - PANK 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 deci	mal points). Example: 13000- 1.3 acre	es.	Integer
PROP_LANDSQFT	Total land mass in Square Feet.			Integer
PROP_UNVBLDSQFT	Building Square Footage			Integer
PROP_BLDSQFTIND	R - GROUND FLOOR LEVEL H - HEATED AREA M - MAIN OR BASE AREA B - BUILDING	R,H,M,B,A,L,G or blank		
PROP_BLDSQFT	Building Square feet	Integer		
PROP_LIVINGSQFT	The area of a building that is use This is typically the area of a building Basement square footage.	Integer		
PROP_GROSSSQFT	Building Square Footage			Integer
PROP_ADJGROSSSQ F	Square Footage for Improvemen	Integer		
PROP_RMS	Total number of rooms containe	d in the primary building.		Integer
PROP_BEDRMS	Total number of bedrooms conta	ined in the primary building.		Integer
PROP_BATHSCALC	Number of Bathrooms	Integer		
PROP_BATHS	Total number of bathrooms, 2 in	Integer		
PROP_FULLBATHS	Total number of Full Baths (typic		Integer	
	A nome containing 2 1/2 baths wo	ıld have the number 2 stored in this field.		

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PROP_AC	The type of air conditioning method	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 PARTIAL ACW- AC.CENTRAL WINIT 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/E' ASE- AC.SEPARATE SYSTEM ASO- AC.SOLAR ASP- AC.SPLIT SYSTEM AWA- AC.WALL UNIT AWI- AC.WINDOW UNIT AWN- AC.WALL/WINDOW UN	1	
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 RAB - RAISED W/BASEMENT RAC - RAISED W/CRAWSPACE RAS - RAISED W/CRAWSPACE RAS - RAISED W/CRAWSPACE RAS - RAISED W/CRAWSPACE RAS - RAISED CNF - CONTINUOUS FOOTING SDF - SPREAD FOOTING CNW - CONTINUOUS WALL SLB - SLAB STD - STANDARD CRE - CONCRETE/BEAM STD - STANDARD STE - STEEL CRS - CROSS BRIDGED/WALLS STM - STEM WALL STN - STONE GDB - GRADE-BEAM UBM - TYPE UNKNOWN WITH BASEMENT UCR - TYPE UNKNOWN WITH CRAWSPACE MUD - MUD SILL UPB - TYPE UNKNOWN WITH PART BASEMEN PIL - PILINGS PIR - PIER		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 - CORREGATED DECK S - WOOD SHEATHING T - STEEL-FLAT-SLAB		
PROP_GAR	0-NONE 1 - UNDEFINED TYPE 2 - UNDEFINED TYPE - 2 CAR 3 - UNDEFINED TYPE - 3 CAR 4 - UNDEFINED TYPE - 3 CAR 4 - UNDEFINED TYPE - 5 CAR 6 - UNDEFINED TYPE - 5 CAR 6 - UNDEFINED TYPE - 6 CAR 10 - ATTACHED GARAGE/CARPORT 20 - ATTACHED BASEMENT 30 - DETACHED BASEMENT 40 - DETACHED BASEMENT 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 BASEMENT 81 - UNFINISHED BASEMENT 81 - UNFINISHED BASEMENT 82 - 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 - 3 CAR 115 - BASEMENT - 5 CAR 116 - BASEMENT - 5 CAR 116 - BASEMENT - 6 CAR 120 - BUILT IN 121 - BUILT IN - 1 CAR 122 - BUILT IN - 2 CAR 130 - BUILT IN - 1 CAR 120 - GARAGE/CARPORT 170 - FINISHED BRICK GARAGE 200 - FINISHED BRICK GARAGE 200 - FINISHED BRICK GARAGE 200 - FINISHED ATTACHED MASONRY 210 - UNFINISHED ATTACHED MASONRY 220 - DETACHED MASONRY 230 - FINISHED MASONRY 230 - FINISHED MASONRY 250 - UNFINISHED MASONRY 250 - UNFINISHED 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 - 1 CAR 452 - ATTACHED - 2 CAR 453 - ATTACHED - 2 CAR 454 - ATTACHED - 3 CAR 454 - ATTACHED - 3 CAR 454 - ATTACHED - BINISHED 470 - UNFINISHED ATTACHED 480 - ENCLOSED DETACHED 490 - DETACHED FINISHED 501 - UNFINISHED DETACHED 501 - UNFINISHED DETACHED 502 - UNFINISHED DETACHED MASONRY GA 510 - ENCLOSED 520 - ALUMINUM 530 - ALUMINUM/WOOD 540 - DETACHED BLOCK 550 - UNFINISHED DETACHED BLOCK 570 - PREFAB METAL	nnn

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PROP_GAR (cont'd)	580- NOO 580 - BLOCK 590 - DETACHED BLOC 600 - WOOD FRAME 610 - ATTACHED BRICK 620 - DETACHED BRICK 640 - UNFINISHED BRICK 650 - BRICK 660 - BRICK/FRAME 670 - MASONRY/BRICK 680 - DETACHED BRICK 690 - BRICK/STONE 701 - DETACHED CINDI - 1 CAR 710 - CONCRETE 716 - CONCRETE 716 - CONCRETE - 6 CA 720 - ATTACHED CONC BLOCK 730 - DETACHED CONC BLOCK 740 - FINISHED CONC BLOCK 750 - UNFINISHED CON BLOCK 750 - UNFINISHED STUCCO/CONCRETE BLOC 770 - UNFINISHED STUCCO/CONCRETE B 780 - ATTACHED FRAM 790 - FINISHED ATTAC FRAME 800 - UNFINISHED ATT FRAME 000 - ALUMINUM/WOO CARPORT POO - CONCRETE CARF	K /STONE /RBLOCK R RETE RETE CRETE CRETE (O E HED ACHED D	Q00 - CONCRETE BLOCK CARPORT R00 - FRAME CARPORT S00 - DETACHED GABLE/HIF CARPORT T00 - ATTACHED GABLE/HIF CARPORT U00 - DETACHED ALUMINUN CARPORT V01 - DETACHED CARPORT CAR V02 - DETACHED CARPORT Z00 - OPEN CARPORT Z00 - OPEN CARPORT S10 - DETACHED FRAME 820 - DETACHED FRAME 820 - DETACHED FRAME 840 - FINISHED 830 - ENCLOSED FRAME 840 - FINISHED FRAME 850 - UNFINISHED FRAME 860 - DETACHED FRAME/CONCRETE BLOCK 880 - LOG 890 - VINYL GARAGE 900 - FINISHED 911 - UNFINISHED 911 - UNFINISHED 912 - UNFINISHED 913 - UNFINISHED - 1 CAR 913 - UNFINISHED - 2 CAR 913 - UNFINISHED - 3 CAR 921 - DETACHED 921 - DETACHED 921 - DETACHED 921 - DETACHED 922 - DETACHED 923 - DETACHED - 3 CAR	о И - 1	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 - 5 CAR A05 - CARPORT - 5 CAR A06 - CARPORT - 6 CAR ADP - ADEQUATE CAPACITY B00 - ATTACHED CARPORT C00 - DETACHED CARPORT E00 - FINISHED DETACHED CARPORT FOO - UNFINISHED DETACHED CARPORT HOO - UNFINISHED CARPORT HOO - UNFINISHED CARPORT UO - FINISHED CARPORT HOO - UNFINISHED CARPORT HOO - HONINISHED CARPORT HOO - HONINISHED CARPORT HOO - COVERED CARPORT HOO - COVERED CARPORT HOO - ALUMINIUM FRAME CARPORT NOO - 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 00O - SOLAR/OIL 00P - COAL/WOOD 00O - SOLAR/OIL 00P - ELECTRIC/RADIANT 00S - SOLAR 00T - ELECTRIC/HOT WATER 00W - WOOD 00Y - OIL/WOOD 00Y - OIL/WOOD 00Z - GAS SOLAR ACE - CENTRAL BBO - BASEBOARD BBE - BASEBOARD ELECTRIC BBG - BASEBOARD OIL BBP - BASEBOARD OIL BBP - BASEBOARD HOT WATER BRE - BASEBOARD HOT WATER BRE - BASEBOARD BEE - BASEBOARD BEE - BASEBOARD BCIECTRIC/RADIANT BSO - BASEBOARD BTE - BASEBOARD BTE - BASEBOARD ELECTRIC/RADIANT BSO - BASEBOARD ELECTRIC/HO' WATER CFO - CENTRAL FORCED AIR CFO - CENTRAL FORCED AIR OIL CLG - CONVECTION ELECTRIC CVG - CONVECTION GAS CVO - CONVECTION OIL FAO - FORCED AIR COAL FAE - FORCED AIR GAS	FAO - I FAW - FAO - I FAW - FCO - C FCW - FFO - F FFE - F FFE - F FFE - F FFO - I FO - I FO - F FO - I FO - G FO -	FORCED HOT WATER FORCED AIR WOOD CEILING FURNACE FORCED AIR COAL/WOOD FLOOR FURNACE FLOOR FURNACE ELECTRIC FLOOR FURNACE GAS FLOOR FURNACE OIL FLOOR FURNACE FORCED AIR NOT DUCTED FIREPLACE FURNACE COAL FURNACE COAL FURNACE GAS WOOD FURNACE GRAVITY FURNACE GRAVITY FURNACE GRAVITY FURNACE GRAVITY FURNACE GRAVITY FURNACE GRAVITY OIL GRAVITY OIL GRAVITY SOLAR HOT AIR HOT AIR HOT AIR NOT DUCTED HEAT PUMP HEAT PUMP ELECTRIC HEAT PUMP GAS HEAT PUMP GAS HEAT PUMP GOAL/WOOD HEAT PUMP OIL HEAT PUMP OIL HEAT PUMP SOLAR HOT WATER STEAM HOT WATER GAS HOT WATER STEAM HOT WATER STEAM HOT WATER GAS HOT WATER GAS HOT WATER GAS HOT WATER STEAM HOT WATER GAS HOT WATER GAS HOT WATER GAS HOT WATER GAS	HWS HWN IN0-1 ND0-1 ND0-	- HOT WATER OIL - HOT WATER SOLAR /- HOT WATER WOOD INDUSTRIAL JETS - NOT DUCTED - PACKAGE - PACKAGE - PACKAGE - PACKAGE - RADIANT CEILING - RADIANT ELECTRIC - RADIANT BLECTRIC - RADIANT HOT WATER RADIANT HOT WATER RADIANT HOT WATER OIL RADIANT STEAM SPACE - SPACE GAS SPACE COAL/WOOD - SPACE OIL STOVE/SPACE STEAM STEAM BLECTRIC - STEAM GAS - STEAM HOT WATER - STEAM HOT WATER - STEAM HOT WATER - STEAM GAS - STEAM HOT WATER - STEAM OIL - STEAM WOOD - STOVE - STOVE GAS - UNIT - UNIT ELECTRIC - WALL FURNACE - WALL FURNACE - WALL FURNACE - WALL FURNACE - WALL HEAT PUMP - WALL - WAL	nnn

Technical Documentation



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 EOV - 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.GAS 00I - HEAT.GAS STEAM 00N - HEAT.SOLAR/COAL/WOOD 00O - HEAT.OIL 00P - HEAT.COAL/WOOD 00Q - HEAT.SOLAR/OIL 00P - HEAT.ELECTRIC/RADIANT 00S - HEAT.ELECTRIC/HOT WATER 00T - HEAT.WOOD 00Y - HEAT.WOOD 00Y - HEAT.WOOD 00Y - HEAT.WOOD 00Y - HEAT.OIL/WOOD	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 tax	xing / assessment authority	Integer (dollars)	
PROP_TAXYR	Tax Year		YYYY	
PROP_SALESDEEDC D	•••			
	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		

Technical Documentation



PROP_SALECD	Sale Code	V,R,P,C,N,F,E,L or	
	V - VERIFIED R - LEASE P - SALE PRICE (PARTIAL) C - CONFIRMED	N - STAMPS ON BACK/NON-DISCLOSED F - SALE PRICE (FULL) E - ESTIMATED L - COMMITTED	blank
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 COUTIES 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 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 HA GONE TO ES EA - ESTATE AND OTHERS ES - ESTATE EU - ESTATE AND HUSDAND COMMONLY USED EX - ESTATE AND WIFE OR SPOUSE FI - FUTURE INTEREST FLP - FUTURE IP 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 COMMO UTILIZED NOR WILL MOST NEW DEEDS REF TO THIS LP - LIMITED PARTNERSHIP LT - LIFE TEN LU - LIFE USAGE MA - MANAGED MINOR MS - THESE NOW REQUIRE USE OF MORE CLEAR CODES	SM - MINOR SO - SOLE WWNER SP - ROLLED, NOT UTILIZED SU - SOLE UNDER AGR SW - ROLLED, NOT UTILIZED TA - ROLLED, NOT UTILIZED TA - ROLLED INTO BELOW, MAY HAVE UTILIZED WHEN AGENT INVOLVED NOT REQUIRES IND DISCLOSURES TC - TENANTS IN COMMON TE - 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	nnn
PROP_LOANTOVAL	Loan To Value	'	String values
PROP_MTGAMT	Amount of loan.		Integer (dollars)
PROP_MTGDATE	Date mortgage was initiated.		YYYYMMDD

Technical Documentation



PROP_MTGDEEDCD	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 Q-TRUST A-ASSIGNMENT A-AFSIGNMENT A-ASSIGNMENT A-ASSIGNMENT A-ASSIGNMENT A-ASSIGNMENT A-ASSIGNMENT A-ASSIGNMENT A-ASSIGNMENT A-ASSIGNMENT B-ASSIGNMENT B-BARGAIN	IV - INDIVIDUAL GRANT DEED IN - INSTITUTIONAL DEED IC - INTERCOMPANY DEED TRANSFER ID - INTERFAMILY DEED TRANSFER ID - INTERFAMILY DEED TRANSFER IS - INTERSPOUSAL DEED TRANSFER IS - INTERSPOUSAL DEED TRANSFER IT - INTERSPOUSAL DEED TRANSFER SU - JOINT SURVIVORSHIP/RIGHT OF JD - JOINT TENANCY DEED Q - JOINT TENANCY DEED TL - LEASEHOLD DEED M - LIMITED WARRANTY DEED LD - LIS PENDENS MA - MARSHALLS DEED MD - MASTERS DEED (SC) MX - MECHANICS LIEN CONTRACT OT - MISCELLANEOUS DOCUMENT M - MORTGAGE MG - MORTGAGE MG - MORTGAGE MF - MORTGAGE FORECLOSURE DEED MO - MORTGAGE FORECLOSURE DEED MO - MORTGAGE FORECLOSURE DEED MN - NOTICE OF DEFAULT ND - NOTICE OF DEFAULT ND - NOTICE OF FORECLOSURE NS - NOTICE OF FORECLOSURE NS - NOTICE OF TRUSTES SALE NT - NOTICE OF FORECLOSURE NS - NOTICE OF FORECLOSURE NS - NOTICE OF TRUSTES SALE ND - PARTNERSHIP GRANT DEED PN - PATENT (LAND) PO - PAY OFF DEED PN - PATENTE (LAND) PO - PAY OFF DEED PN - PATENTE (LAND) PO - PAY OFF DEED PN - PRESONAL REP'S DEED PN - PRIVATE SALE PD - POBALT COURT DEED PA - PUBLIC TRUSTEES DEED QC - QUIT CLAIM DEED QC - SETTLEMENT DEED SN - SHERIFF'S DEED R - REFERES DEED GR - RECEIVER'S DEED R - REFERES DEED T - TRUSTES DEED TT - TORRENS DOCUMENT TA - TRUSTES DEED TT - TORRENS DOCUMENT TA - TRUSTES DEED TT - TRUST	String value
DDOD LENDEDNAM	IM - INDEMNITY DEED OF TRUST		Ctring volue
PROP_LENDERNAM	Lender Name		String value
PROP_MTGREFICD	Refi Type		Y,T or blank
	Y - YES		
	T - TRUST		
PROP_RMSEQUITYC D	Equity in Property		Y or blank

Technical Documentation

For Additional Detail



Auto Attributes: Up to 4 vehicles.

Output Field			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 – Biodieselcolumn 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	

Technical Documentation

For Additional Detail



Activate

Leveraging shopping data observed across a vast network of sites, Activate enables marketers to know when their customers and prospects are in-market for their services, and right-time their outreach. These shopping signals help you get in front of consumers early in their buying journey, and ultimately identify retention risks as well as cross-sell and new business opportunities.

Read on to learn more about what data we need to initiate the service, as well as what data you can receive. For further information, check out our Activate Support site here.

Activate Inputs

Input Field	Description	Required
recordid	Your unique record or customer identifier. The recordid will be included in the Activate Output so you can associate activity with consumers in your internal databases, 100 characters max.	~
Phone Numbers (phone01, phone02, phone03, phone04)	List up to 4 phones associated with the record. Phone numbers should be limited to 10 digits and non-numeric characters must be stripped. The phone number should then be hashed before sending to Activate. Accepts MD5 or SHA256 hashing	~
Email addresses (email01, email02, email03,)	List up to 3 emails associated with the record. Must be all in lowercase and leading or trailing spaces should be stripped. The email address should then be hashed before sending to Activate. Accepts MD5 or SHA256 hashing	~
LeadiD tokens (leadid01, leadid02, leadid,03)	If you are currently leveraging other Jornaya solutions and receiving LeadiD tokens, you can submit up to three LeadiDs for each recordid. Should align with the 36-character GUID as created by a Jornaya campaign script	
address01	Address data must not be hashed in the file. Upon ingestion, the data goes through a standardization process before then being hashed. Format: street, city, state, zip If an apartment or suite number is used within the address it must be included in the street address before the first comma	
Passthrough Fields	Additional fields that your team would like to pass in conjunction with your recordids at the end of your file. These fields will not be leveraged by activate, but will be appended to your Activate results These can use any header name and should immediately follow the headers detailed above	

For Additional Detail



Activate Outputs

Below is a table outlining the datapoints that will be returned in our daily signals. Note that when a datapoint contains the word "JOURNEY", this is a placeholder that represents the specific journey name. For a full list of Journey names, please reference the Journeys section.

Activate Output Data

	Description	Return Values
recordid	The unique record or customer identifier corresponds to each individual consumer who had in-market activity in the past day	These values are provided in the input file
JOURNEY_1Day	Returns a value of "1" if Jornaya has witnessed any in-market events for that consumer in that journey over the past day.	NOTE: No value indicates Jornaya has NOT witnessed activity for that consumer in that journey
JOURNEY_Events_1Day	The number of in-market events Jornaya has witnessed for that consumer in that journey over the past day	1 to 2 3 to 4 5 to 6 7+
JOURNEY_Events_7Day	The number of in-market events Jornaya has witnessed for that consumer in that journey over the past 7 days	1 to 2 3 to 4 5 to 6 7+
Time_Day_Shopping_Min_1Day	The <u>earliest</u> time Jornaya witnessed the consumer shopping across all subscribed journeys over the <u>past day</u> . Rounded down to the nearest hour in GMT	String: hh:mm AM/PM GMT Example: 11:00AM GMT
Time_Day_Shopping_Max_1Day	The <u>latest</u> time Jornaya witnessed the consumer shopping across all subscribed journeys over the <u>past day</u> . Rounded up to the nearest hour in GMT	String: hh:mm AM/PM GMT Example: 02:00 PM GMT
Time_Day_Shopping_Min_7Day	The <u>earliest</u> time Jornaya witnessed the consumer shopping across all subscribed journeys over the past <u>7 days.</u> Rounded down to the nearest hour in GMT	String: hh:mm AM/PM GMT Example: 10:00 AM GMT
Time_Day_Shopping_Max_7Day	The <u>latest</u> time Jornaya witnessed the consumer shopping across all subscribed journeys over the past <u>7 days</u> . Rounded up to the nearest hour in GMT	String hh:mm AM/PM GMT Example: 03:00 PM GMT
Passthrough field(s) * Column names will reflect the names of the columns in the input file	Additional information was appended to the recordid in the monitoring file. This information is then also appended to the Activate data	The values will reflect the values provided in the monitoring file.

For Additional Detail



Activate Journeys

Description

	Description
Insurance - Overall	This column considers whether consumers exhibited behaviors across all possible journeys within Insurance (e.g., Auto, Home, Health, Life, General) including those that you may not be subscribed to.
	"Overall" is not mutually exclusive with your other journey subscriptions.
Insurance - Auto	A consumer has exhibited behavior indicating they are interested in auto insurance.
Insurance - Home	A consumer has exhibited behavior indicating they are interested in homeowners insurance.
Insurance - Life	A consumer has exhibited behavior indicating they are interested in life insurance.
Insurance - General	We've seen definitive evidence that the consumer is displaying interest in the product category, but have not yet seen evidence that they've narrowed their search to a specific product or service.
	"General" is automatically included when you subscribe to any Insurance journey.
Insurance - Health	This column considers whether consumers exhibited behaviors across all possible journeys within the Health Insurance category (e.g., General, Medicare General, Short Term, Dental, Medicare Supplement, Medicare Advantage, Disability) including those that you may not be subscribed to.
	"Overall" is not mutually exclusive with your other journey subscriptions.
Insurance - Health - General	This signal includes any shopping behaviors we cannot categorize into a more specific journey. This does not necessarily indicate any less interest or intent, but instead may indicate that the user may be more broadly browsing and still unsure on their needs and options.
Insurance - Health - Medicare General	A consumer has exhibited behavior indicating they are interested in some type of Medicare Insurance.
Insurance - Health - Short Term	A consumer has exhibited behavior indicating they are interested in short term health insurance. This may also include versions of short term health insurance such as COBRA.
Insurance - Health - Dental	A consumer has exhibited behavior indicating they are interested in Dental insurance.
Insurance - Health - Medicare Supplement	A consumer has exhibited behavior indicating they are interested in Medicare Supplement Insurance.
Insurance - Health - Medicare Advantage	A consumer has exhibited behavior indicating they are interested in Medicare Advantage Insurance. This is also referred to as Medicare Part C.
Mortgage - Overall	This column considers whether consumers exhibited behaviors across all possible journeys within Mortgage (e.g., Purchase, Refinance, HELOC, Reverse, General) including those that you may not be subscribed to. "Overall" is not mutually exclusive with your other journey subscriptions.
Mortgage - Purchase	A consumer has exhibited behavior that they are interested in a mortgage for a new home purchase.
Mortgage - Refinance	A consumer has exhibited behavior indicating they are interested in refinancing their mortgage.



Mortgage - HELOC	A consumer has exhibited behavior indicating they are interested in a home equity line of credit.
Mortgage - Reverse	A consumer has exhibited behavior indicating they are interested in a reverse mortgage.
Mortgage - General	We've seen definitive evidence that the consumer is displaying interest in the product category, but have not yet seen evidence that they've narrowed their search to a specific product or service. "General" is automatically included when you subscribe to any Mortgage journey.
Education - General	This column considers whether consumers exhibited behaviors consistent with researching higher Education.
Jobs - General	This column considers whether consumers exhibited behaviors consistent with researching Jobs.
Homebuyers	A consumer has exhibited behavior indicating they are interested in buying a home.