Verisk™

Technical Documentation
Real Time Decisions – Inbound Identity

Date Updated: 5/5/2025

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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 comprehenscive and actionable identity data for every consumer and household in the US, alongside the earliest indicators of their in-market shopping behavior. This one-of-a-kind view is maintained with the highest standards for data security and consumer privacy, preferences, and permissions.

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

Customers who engage with us experience:

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

Real-Time Decisions Inbound Identity Overview

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

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

Real-Time Decisions | Inbound Identity

- With inbound leads, marketers often lack information on the consumer aside from an inbound phone number. We help you obtain the complete identity of the consumer in real-time.
- Confirm and supplement consumer provided data
- Enrich your insights on each consumer with additional attributes, so you know how best to personalize engagements with them.

Inputs

The Real Time Decisions API for Inbound Identity with ID MAX Plus accepts the following inputs.

Input Field	Description	
FullName	Full individual Name	Required*
FName	First name, 15 characters max	Required*
LName	Last name, 20 characters max	Required*
Address1	Address line 1, 64 characters max	Required*
Address2	Address line 2, 64 characters max	Optional
City	City name, 28 characters max. * Either City/State or Zip is required	Required*
State	2 character state abbreviation. * Either City/State or Zip is required	Required*
Zip	5 digit numeric USPS zip code. * Either City/State or Zip is required	Required*
Phone1	10 digit numeric phone number (without spaces, dashes, or parentheses)	Required*
Phone2	10 digit numeric 2nd phone number (without spaces, dashes, or parentheses)	Required*
Email	Email address, 100 characters max	Required*

For Identity append/completion & additional contact information, At a minimum, one of the following input combinations is required for processing:

- Phone1
- Phone2
- Email
- FName + LName
- FullName
- Address1 + Zip
- Address1 + City + State

Outputs:

Identity Scoring:

Output Field	Description	Return Values
ValidAddress	**The postal address is a valid USPS address**	Score 0-100
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.** **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**	0 or 100 or Blank
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

ValidCount	**A count of the number of Validation Components that returned a positive verification**	Decimal value, 0-5
LinkageCount	**A count of the number of Linkage Components that returned a positive verification**	Decimal value, 0-9
RiskFlagCount	**A count of the number of Risk Flag Components that returned a positive verification**	Decimal value, 0-2
ValidationSummary	**A summary of the Validation Components results**	Pass, Fail, or Inconclusive
LinkageSummary	**A summary of the Linkage Components results**	Pass, Fail, or Inconclusive
RiskFlagSummary	**A summary of the Risk Flag Components results**	Pass, Fail, or Inconclusive
IDVerifyScore	**The IDScore is an overall score to reflect the quality of an ID verification.**	Score 0-100
ValidZip	**The zip is a valid zip5 format**	Score 0-100
ZipToPhone	**The zip5 links to the phone**	Score 0-100

Demographic Attributes:

Output Field	Description	Return Values
matchLevel	Indicates level of identity match to the VMS Graph: 1 – indicates a match at the individual level 2 – indicates a match at the household level 3 – indicates a lower level match 4 – Indicates a match where multiple markers were provided (e.g., phone, email, or address), including the name, but the name was a mismatch 5 – indicates a match to an identity that does not have demographics available – gender, age, and dob are the only fields that may contain values 6 – indicates that no match was made our identity graph but a gender could be inferred based on analysis of the name present on input	1-6
Gender	M=male F=Female blank or U=unknown	M, F, or U
Age	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.	0 - 99
AGE_RANGE_ESTIMATE	Adult Estimated Age Range is calculated from date of birth data. Age data is applied at the individual level and is compiled from a variety of sources that may include public data, buying activities, and self-reported information. This is a calculation of age based on the individual's year of birth. The calculation is current year minus the YOB, which is then used to assign the record to an appropriate age range.	A-G

	Estimated Age Range A - Estimated Age 18-24 B - Estimated Age 25-34 C - Estimated Age 35-44 D - Estimated Age 45-54 E - Estimated Age 55-64 F - Estimated Age 65-74 G - Estimated Age 75+	
AGE_RANGE_INFERRED	Adult Inferred Age Range uses known age of adults within the same ZIP+4 to assign an age range. The originating known age data is compiled from a variety of sources that may include public data, buying activities data, and self-reported information. A value is only assigned for this field if a record for the AGE_RANGE_ESTIMATED field is not available. Inferred Age Range. A - Inferred Age 18-24 B - Inferred Age 25-34 C - Inferred Age 35-44 D - Inferred Age 45-54 E - Inferred Age 55-64 F - Inferred Age 65-74 G - Inferred Age 75+	A-G
AGE_RANGE_COMBINED	Adult Combined Age Range assigns an age range value to all records, using the applicable value from either AGE_RANGE_ESTIMATED and AGE_RANGE_INFERRED fields. Combined (Estimated + Inferred) Age Range Combined A - Combined Age 18-24 B - Combined Age 25-34 C - Combined Age 35-44 D - Combined Age 45-54 E - Combined Age 55-64 F - Combined Age 65-74 G - Combined Age 75+	A-G
LOR	Length of Residence in years, 2 digits	00 - 99
Homeowenercd	H=Homeowner R=Renter A = Inferred Homeowner B = Inferred Renter	H, R, A or B
EHI	Estimated household income, 1 character: A- Less than $20,000 B - $20,000-$29,999 C - $30,000-$39,999 D - $40,000-$49,999 E - $50,000-$74,999 F - $75,000-$99,999 G - $100,000-$124,999 H - $125,000-$149,999 I - $150,000-$174,999 J - $175,000-$199,999 K - $200,000-$249,999 L - $250,000+	A - L
EHI_V2	Estimated household income level is a model that takes into consideration 80+ model predicators across a diverse set of info including demographics, transactional & behavioral data, property ownership and mortgages, vehicle ownership and geodemographics. The data originates from a range of deterministic and probabilistic data sources such as county assessor records, self-reported information (e.g. surveys), Census demographics, and many more. EHI_V2 field replaces EHI Estimated Household Income: A - Less than $20,000 B - $20,000-$29,999	A - M

	C - $30,000-$39,999 D - $40,000-$49,999 E - $50,000-$59,999 F - $60,000-$74,999 G - $75,000-$99,999 H - $100,000-$124,999 I - $125,000-$149,999 J - $150,000-$199,999 K - $200,000-$249,999 L - $250,000-$499,999 M - $500,000+		
Marriedcd	M=Married S=Single A=Inferred Married B=Inferred Single		M, S, A, or B
WealthScr	Model based on income, homeownership, and other assets owned: A = Estimated Net less than $5,000 B = Estimated Net $5,000 - $19,999 C = Estimated Net $20,000 - $49,999	D = Estimated Net $50,000 – $79,999 E = Estimated Net $80,000 - $99,999 F = Estimated Net $100,000 - $249,999 G = Estimated Net $250,000 - $499,999 H = Estimated Net over $500,000	A - H
WealthScr_v2	The net worth selection is a model which predicts household net worth. It takes into consideration 60+ model predictors across a diverse set of info including demographics, transactional & behavioral data, property ownership and mortgages, vehicle ownership and geo-demographics. The data originates from a range of deterministic and probabilistic data sources such as county assessor records, selfreported information (e.g. surveys), Census demographics, and many more. WEALTHSCR_V2 field, released in March 2024, replacing WEALTHSCR. A - $0 OR LESS B - $1 - $24,999 C - $25,000 - $49,999 D - $50,000 - $74,999 E - $75,000 - $99,999 F - $100,000 - $149,999 G - $150,000 - $249,999 H - $250,000 - $374,999 I - $375,000 - $499,999 J - $500,000 - $749,999 K - $750,000 - $999,999 L - $1,000,000+		A - L
Child	Presence of Children. Y= children present		Y or Blank
ChildNbrCd	Number of Children. A=No children B=less than 3 C= 3-5 children		A – C
IN_MARKET_NEW_SCORE	Score that predicts the likelihood that a consumer is likely to purchase a new vehicle (for machine learning algorithms), Numeric values 1-100. 1 = highest propensity, 100 = lowest propensity.		1-100
IN_MARKET_NEW_SEGMENTS	Predicts the likelihood that a consumer is likely to purchase a new vehicle and is segment-based. 1 = Very Low 2 = Low 3 = Medium 4 = High 5 = Very High (5x) These segments are derived from the IN_MARKET_NEW_SCORE values, where 1= scores ranged 80-100 2= scores ranged 61-80 3= scores ranged 41-60 4= scores ranged 21-40 5= scores ranged 1-20		1-5
IN_MARKET_USED_SCORE	Score that predicts the likelihood that a consumer is likely to purchase a used vehicle. Numeric values 1-100 (for machine learning algorithms). 1 = highest propensity, 100 = lowest propensity.		1-100
IN_MARKET_USED_SEGMENTS	Predicts the likelihood that a consumer is likely to purchase a used vehicle and is segment-based. 1 = Very Low 2 = Low 3 = Medium 4 = High		1-100

5 = Very High (3x) These segments are derived from the IN_MARKET_USED_SCORE values, where 1= scores ranged 80-100 2= scores ranged 61-80 3= scores ranged 41-60 4= scores ranged 21-40 5= scores ranged 1-20	

Property Attributes:

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

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

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

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

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

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

PROP_APPRAISED_IMPVAL	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** 999 - BYPASS 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 ICF - CANAL FRONT ICI - CANAL FRONT ISLAND ICK - CREEK/RIVER ICL - CORNER/LANDLOCK **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 ISL - SUBMERGED LAND IST - STREET ISU - SUBURBAN ITH - TOWNHOUSE	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 IGL - GOLF/LAKE 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 - CONDOMINIUM HI-RISE LCL - CONDOMINIUM LO-RISE LCO - CONDO LCU - CORNER UNIT LCV - CONDOMINIUM VILLAS LDU - DUPLEX	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/WATERFRONT ILF - LAKE FRONT ILK - LAKE ILL - LANDLOCKED ILP - LAKE/POND ILT - LANDLOCKED/WOODLOT ILW - LANDLOCKED/WATERFRONT IMH - MOBILE HOME IML - MAIN LAND IMO - MOUNTAIN 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	nnn

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

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

PROP_GAR (cont'd)	580-N00	580 - BLOCK 590 - DETACHED BLOCK/FRAME 600 - WOOD FRAME 610 - ATTACHED BRICK 620 - DETACHED BRICK 640 - UNFINISHED BRICK 650 - BRICK 660 - BRICK/FRAME 670 - MASONRY/BRICK 680 - DETACHED BRICK/STONE 690 - BRICK/STONE 701 - DETACHED CINDERBLOCK - 1 CAR 710 - CONCRETE 716 - CONCRETE - 6 CAR 720 - ATTACHED CONCRETE BLOCK 730 - DETACHED CONCRETE BLOCK 740 - FINISHED CONCRETE BLOCK 750 - UNFINISHED CONCRETE BLOCK 760 - CONCRETE BLOCK 770 - UNFINISHED STUCCO/CONCRETE BLO 780 - ATTACHED FRAME 790 - FINISHED ATTACHED FRAME 800 - UNFINISHED ATTACHED FRAME O00 - ALUMINUM/WOOD CARPORT P00 - CONCRETE CARPORT	Q00 - CONCRETE BLOCK CARPORT R00 - FRAME CARPORT S00 - DETACHED GABLE/HIP CARPORT T00 - ATTACHED GABLE/HIP CARPORT U00 - DETACHED ALUMINUM CARPORT V01 - DETACHED CARPORT - 1 CAR V02 - DETACHED CARPORT - 2 CAR WOO - PREFAB CARPORT Z00 - OPEN CARPORT 810 - DETACHED FRAME 820 - DETACHED FRAME FINISHED 830 - ENCLOSED FRAME 840 - FINISHED FRAME 850 - UNFINISHED FRAME 860 - DETACHED FRAME/CONCRETE BLOCK 880 - LOG 890 - VINYL GARAGE 900 - FINISHED 910 - UNFINISHED 911 - UNFINISHED - 1 CAR 912 - UNFINISHED - 2 CAR 913 - UNFINISHED - 3 CAR 920 - DETACHED 921 - DETACHED - 1 CAR 922 - DETACHED - 2 CAR 923 - DETACHED - 3 CAR	924 - DETACHED - 4 CAR 930 - COVERED PARKING/GARAGE 940 - DETACHED FINISHED STUCCO 950 - FRAME 960 - FRAME/CONCRETE BLOCK 971 - UNDEFINED TYPE - 1 CAR 980 - METAL 999 - BYPASS 00X - UNDEFINED TYPE - 10 CAR A00 - CARPORT A01 - CARPORT - 1 CAR A02 - CARPORT - 2 CAR A03 - CARPORT - 3 CAR A04 - CARPORT - 4 CAR A05 - CARPORT - 5 CAR A06 - CARPORT - 6 CAR ADP - ADEQUATE CAPACITY B00 - ATTACHED CARPORT C00 - DETACHED CARPORT D00 - ENCLOSED CARPORT E00 - FINISHED DETACHED CARPORT F00 - UNFINISHED DETACHED CARPORT G00 - COVERED CARPORT H00 - UNFINISHED CARPORT I00 - FINISHED CARPORT J00 - MASONRY CARPORT K00 - METAL CARPORT L00 - WOOD CARPORT M00 - ALUMINUM CARPORT N00 - ALUMINUM FRAME CARPORT	nnn
PROP_HEAT		0 - NONE 999 - BYPASS 00A - ELECTRIC/SOLAR 00C - COAL 00D - GAS/WOOD 00E - ELECTRIC 00G - GAS 00I - ELECTRIC/OIL 00M - GAS STEAM 00N - SOLAR/COAL/WOOD 00O - OIL 00P - COAL/WOOD 00Q - SOLAR/OIL 00R - ELECTRIC/RADIANT 00S - SOLAR 00T - ELECTRIC/HOT WATER 00W - WOOD 00Y - OIL/WOOD 00Z - GAS SOLAR ACE - CENTRAL BB0 - BASEBOARD BBE - BASEBOARD ELECTRIC BBG - BASEBOARD GAS BBO - BASEBOARD OIL BBP - BASEBOARD COAL/WOOD BH0 - BASEBOARD HOT WATER BRE - BASEBOARD ELECTRIC/RADIANT BS0 - BASEBOARD HOT WATER/STEAM BTE - BASEBOARD ELECTRIC/HOT WATER CF0 - CENTRAL FORCED AIR CFO - CENTRAL FORCED AIR OIL CL0 - CENTRAL CLE - CENTRAL ELECTRIC CLG - CENTRAL GAS CP0 - CENTRAL PARTIAL CV0 - CONVECTION CVE - CONVECTION ELECTRIC CVG - CONVECTION GAS CVO - CONVECTION OIL FA0 - FORCED AIR FAC - FORCED AIR COAL FAE - FORCED AIR ELECTRIC FAG - FORCED AIR GAS	FAH - FORCED HOT WATER FAO - FORCED AIR OIL FAW - FORCED AIR WOOD FC0 - CEILING FURNACE FCW - FORCED AIR COAL/WOOD FF0 - FLOOR FURNACE FFE - FLOOR FURNACE ELECTRIC FFG - FLOOR FURNACE GAS FFL - FLOOR FURNACE COAL/WOOD FFO - FLOOR FURNACE OIL FL0 - FLOOR/WALL FURNACE FN0 - FORCED AIR NOT DUCTED FP0 - FIREPLACE FR0 - FURNACE FRC - FURNACE COAL FRE - FURNACE ELECTRIC FRG - FURNACE GAS FRW - WOOD FURNACE FS0 - FURNACE/STOVE GF0 - GRAVITY FURNACE GFG - GRAVITY FURNACE GAS GN0 - GRAVITY NOT DUCTED GR0 - GRAVITY GRC - GRAVITY COAL GRE - GRAVITY ELECTRIC GRG - GRAVITY GAS GRO - GRAVITY OIL GRS - GRAVITY SOLAR HA0 - HOT AIR HAE - HOT AIR ELECTRIC HAO - HOT AIR OIL HAS - HOT AIR SOLAR HN0 - HOT AIR NOT DUCTED HP0 - HEAT PUMP HPE - HEAT PUMP ELECTRIC HPG - HEAT PUMP GAS HPH - HEAT PUMP HOT WATER HPL - HEAT PUMP COAL/WOOD HPO - HEAT PUMP OIL HPS - HEAT PUMP SOLAR HS0 - HOT WATER STEAM HW0 - HOT WATER HWE - HOT WATER/ELECTRIC HWG - HOT WATER GAS HWL- HOT WATER COAL/WOOD	HWO - HOT WATER OIL HWS - HOT WATER SOLAR HWW - HOT WATER WOOD IN0 - INDUSTRIAL JT0 - JETS ND0 - NOT DUCTED PK0 - PACKAGE PKE - PACKAGE ELECTRIC PT0 - PARTIAL RC0 - RADIANT CEILING RD0 - RADIANT RDE - RADIANT ELECTRIC RDG - RADIANT GAS RDH - RADIANT HOT WATER RDI - RADIANT ELECTRIC/OIL RDW - RADIANT WOOD RGO - RADIANT HOT WATER OIL RR0 - RADIATOR RS0 - RADIANT STEAM SP0 - SPACE SPG - SPACE GAS SPL - SPACE COAL/WOOD SPO - SPACE OIL SS0 - STOVE/SPACE ST0 - STEAM STE - STEAM ELECTRIC STG - STEAM GAS STH - STEAM HOT WATER STO - STEAM OIL STW - STEAM WOOD SV0 - STOVE SVG - STOVE GAS UN0 - UNIT UNE - UNIT ELECTRIC UNG - UNIT GAS WA0 - WARM AIR WF0 - WALL FURNACE WFL - WALL FURNACE COAL/WOOD WFO - WALL FURNACE OIL WH0 - WALL HEAT PUMP WL0 - WALL WLE - WALL ELECTRIC WLG - WALL GAS WS0 - WOOD STOVE WU0 - WALL UNIT	nnn

PROP_ENERGY	**Type of Electricity** 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	nnn
PROP_FUEL	0 – NONE 999 - BYPASS 00C - HEAT.COAL 00D - HEAT.GAS/WOOD 00E - ELECTRIC 00G - HEAT.GAS 00I - HEAT.ELECTRIC/OIL 00M - HEAT.GAS STEAM 00N - HEAT.SOLAR/COAL/WOOD 00O - HEAT.OIL 00P - HEAT.COAL/WOOD 00Q - HEAT.SOLAR/OIL 00R - HEAT.ELECTRIC/RADIANT 00S - HEAT.SOLAR 00T - HEAT.ELECTRIC/HOT WATER 00W -HEAT.WOOD 00Y - HEAT.OIL/WOOD 00Z - HEAT.GAS SOLAR	FBU - BUTANE FCO - COAL FCV - CONVECTION FCW - COAL/WOOD FEL - ELECTRIC FGA - GAS FGN - NO GAS PUBLIC/PIPED FGP - GAS PUBLIC/PIPED FGS - GAS/SOLAR FKE - KEROSENE FLP - LIQUEFIED PETROLEUM GAS FOI - OIL FOS - OIL/SOLAR FSO - SOLAR FWD - WOOD FWO - COAL/WOOD/OIL GTE - GEO THERMAL HEATING	String value
PROP_SEWER	**Sewer Type** 0 - NONE 999 - BYPASS SPU - PUBLIC SCE - CESSPOOL	SSE - SEPTIC SPR - PRIVATE STR - STORM SCO - COMMERCIAL	nnn
PROP_WATER	**Water Supply Type, 3 characters max.** 0 - NONE 999 - BYPASS WPU - PUBLIC WSC - SPRING/CREEK WWE - WELL	WPR - PRIVATE WCO - COMMERCIAL WPW - PUBLIC WELL WCI - CISTERN	nnn
PROP_HOMESTEAD	**Homestead Qualified**		Y or blank
PROP_XMTVET	**Presence of Veteran**		Y or blank
PROP_XMT_DISABLED	**Disabled Veteran**		Y or blank
PROP_TAXAMT	**The tax amount provided by the county or local taxing / assessment authority**		Integer (dollars)
PROP_TAXYR	**Tax Year**		YYYY
PROP_SALESDEEDCD	**Deed Type, 1 character max.** 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	U,Q,X,T,G,D,F,J, L,N,R,S or blank
PROP_SALEAMT	**Price of the sale as depicted on the recorded sales transaction.**		Integer (dollars)

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

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

PROP_RMSEQUITYCD	**Equity in Property**	Y or blank

Census Attributes:

Output Field	**Description**	**Return Values**
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 Amer 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_MULTIRACE	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_AGE1824	Percentage Adult Age 18-24 in a given zip code	From 0-100
CENSPCT_ADULT_AGE2534	Percentage Adult Age 25-34 in a given zip code	From 0-100
CENSPCT_ADULT_AGE3544	Percentage Adult Age 35-44 in a given zip code	From 0-100
CENSPCT_ADULT_AGE4554	Percentage Adult Age 45-54 in a given zip code	From 0-100
CENSPCT_ADULT_AGE5564	Percentage Adult Age 55-64 in a given zip code	From 0-100
CENSPCT_ADULT_AGEGE65	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_HUSBWIFE	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
CENSPCT_HU_VACANTSEASONAL	Percentage Housing unt Vacant/Seasonal in a given zip code	From 0-100

Auto Affinity Attributes:

Output Field	Description	Return Values
BMW_AFFINITY	Score that predicts the affinity or loyalty towards the BMW brand and a consumer´s dedication to purchase BMW vehicles.	Numeric values 1-5.
CADILLAC_AFFINITY	Score that predicts the affinity or loyalty towards the Cadillac brand and a consumer´s dedication to purchase Cadillac vehicles.	Numeric values 1-5.
CHEVROLET_AFFINITY	Score that predicts the affinity or loyalty towards the Chevrolet brand and a consumer´s dedication to purchase Chevrolet vehicles.	Numeric values 1-5.
CHRYSLER_AFFINITY	Score that predicts the affinity or loyalty towards the Chrysler brand and a consumer´s dedication to purchase Chrysler vehicles.	Numeric values 1-5.
COUPE_AFFINITY	Score that predicts the affinity or loyalty towards the Coupe auto style and a consumer´s dedication to purchase Coupe vehicles.	Numeric values 1-5.
DODGE_AFFINITY	Score that predicts the affinity or loyalty towards the Dodge brand and a consumer´s dedication to purchase Dodge vehicles.	Numeric values 1-5.
FORD_AFFINITY	Score that predicts the affinity or loyalty towards the Ford brand and a consumer´s dedication to purchase Ford vehicles.	Numeric values 1-5.
GMC_AFFINITY	Score that predicts the affinity or loyalty towards the GMC brand and a consumer´s dedication to purchase GMC vehicles	Numeric values 1-5.
HONDA_AFFINITY	Score that predicts the affinity or loyalty towards the Honda brand and a consumer´s dedication to purchase Honda vehicles.	Numeric values 1-5.
HYBRID_AFFINITY	Score that predicts the affinity or loyalty towards the Hybrid brand and a consumer´s dedication to purchase Hybrid vehicles.	Numeric values 1-5.
HYUNDAI_AFFINITY	Score that predicts the affinity or loyalty towards the Hyundai brand and a consumer´s dedication to purchase Hyundai vehicles.	Numeric values 1-5.
INFINITI_AFFINITY	Score that predicts the affinity or loyalty towards the Infiniti brand and a consumer´s dedication to purchase Infiniti vehicles.	Numeric values 1-5.
JEEP_AFFINITY	Score that predicts the affinity or loyalty towards the Jeep brand and a consumer´s dedication to purchase Jeep vehicles.	Numeric values 1-5.
LANDROVER_AFFINITY	Score that predicts the affinity or loyalty towards the Landrover brand and a consumer´s dedication to purchase Landrover vehicles.	Numeric values 1-5.
LEXUS_AFFINITY	Score that predicts the affinity or loyalty towards the Lexus brand and a consumer´s dedication to purchase Lexus vehicles.	Numeric values 1-5.
LINCOLN_AFFINITY	Score that predicts the affinity or loyalty towards the Lincoln brand and a consumer´s dedication to purchase Lincoln vehicles.	Numeric values 1-5.
MERCEDESBENZ_AFFINITY	Score that predicts the affinity or loyalty towards the Mercedes-Benz brand and a consumer´s dedication to purchase Mercedes-Benz vehicles.	Numeric values 1-5.
NISSAN_AFFINITY	Score that predicts the affinity or loyalty towards the BMW brand and a consumer´s dedication to purchase BMW vehicles.	Numeric values 1-5.
SEDAN_AFFINITY	Score that predicts the affinity or loyalty towards the Sedan auto style and a consumer´s dedication to purchase Sedan vehicles.	Numeric values 1-5.
SUV_AFFINITY	Score that predicts the affinity or loyalty towards the SUV auto style and a consumer´s dedication to purchase SUV vehicles.	Numeric values 1-5.

TOYOTA_AFFINITY	Score that predicts the affinity or loyalty towards the Toyota brand and a consumer´s dedication to purchase Toyota vehicles.	Numeric values 1-5.
TRUCK_AFFINITY	Score that predicts the affinity or loyalty towards the Truck auto style and a consumer´s dedication to purchase Truck vehicles.	Numeric values 1-5.
VAN_AFFINITY	Score that predicts the affinity or loyalty towards the Van auto style and a consumer´s dedication to purchase Van vehicles.	Numeric values 1-5.
VOLVO_AFFINITY	Score that predicts the affinity or loyalty towards the Volvo brand and a consumer´s dedication to purchase Volvo vehicles.	Numeric values 1-5.

Outputs (continued)

Auto Attributes: Up to 4 vehicles.

Output Field	Description	Return Values
MAKE	**Vehicle Make, 30 characters max**	String Value
MODEL	**Vehicle Model, 30 characters max**	String Value
YEAR	**Vehicle Year**	YYYY
VEH_CLASS	**Vehicle Class Description:** CROSSOVER / MID SIZE TRUCK FULL SIZE CAR / MID SIZE SUV FULL SIZE SUV / MINIVAN FULL SIZE TRUCK / SMALL CAR FULL SIZE VAN / SMALL SUV MID SIZE CAR / SMALL TRUCK	String Value
FUELTYPECD	**Vehicle Fuel Code:** B – Biodieselcolumn / I - Plug-In Electric D – Diesel / L - Electric/Gas F - Flex-Fuel / N - CNG (Compressed Natural Gas) G – Gasoline / P – Propane H - Fuel Cell / Y - Hybrid	B, D, F, G, H, I, L, N, P, Y
MFGCD	**Vehicle Manufacturing Code** A – Antique / H - High end Imports C - Chrysler Products / L - Low End Imports F - Ford Products / O -Other G - GM Products	A,C, F, G, H, L, O
STYLECD	**Vehicle Style Code** CONV / SEDAN CPE2DR / SPORT CUV / UTIL HATCHBACK / VAN LUXURY / WAGON PICKUP	10 characters
MILEAGECD	**Mileage from the last odometer reading in increments of 10,000.**	A-Z

VIN	A- 0-10,000. Z- 250,000+.		
	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	

Identity Completion:

For API technical documentation refer to [this link here](#):

Output Field	Description	Return Values
matchLevel	Indicates level of identity match to the VMS Graph: 1 – indicates a match at the individual level 2 – indicates a match at the household level 3 – indicates a lower level match 4 – Indicates a match where multiple markers were provided (e.g., phone, email, or address), including the name, but the name was a mismatch 5 – indicates a match to an identity that does not have demographics available – gender, age, and dob are the only fields that may contain values 6 – indicates that no match was made our identity graph but a gender could be inferred based on analysis of the name present on input	1-6
FirstName	Appended First Name	*20 characters*
LastName	Appended Last Name	20 characters
middleName	Appended Middle Initial	*1 Character*
suffix	Appended Alias Name Suffix	*10 Characters*
BusName	Appended Business Name	100 Characters
PreDir	Appended Street Pre Direction: N, S, E, W, NE, SW, etc.	2 Characters
streetName	Appended Street name.	28 characters
streetType	Appended Street suffix: ST, AVE, BLVD, etc.	4 Characters
PostDir	Appended Street Post Direction: N, S, E, W, NE, SW, etc.	4 Characters

AptType	Appended Secondary Unit designator: Apt, Suite, etc.	2 Characters
City	Appended USPS City Name.	28 Characters
St	Appended USPS State abbreviation.	2 Characters
Zip	Appended numeric USPS Zip Code.	5 Characters
zip4	Appended numeric USPS Zip+4.	4 Characters
DPC	Appended Delivery Point Code with check digit.	3 Characters
CRTE	Appended Carrier Route.	4 Characters
CNTY	Appended FIPS County Code.	3 Characters
Z4Type	Appended USPS Zip+4 type 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	F, G, H, P, R, S
DPV	*Appended Delivery Point Validation* *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 confirm* *Blank − Address not presented to hash table*	*Y, D, S, N*
Deliverable	*Appended Deliverable flag*	*Y, N, or Blank*
lastSeen	*Appended Phone Last Seen Date*	*YYYYMMDD*
Phone	*Appended Phone (up to 3 additional Phone numbers)*	*10 characters*
PhoneType	*Appended Phone Type (up to 3, one for each appended phone number)* *L − Landline* *V - VoIP* *W − Wireless* *O - Other*	*L, V, W, O*
DID	*Direct Inward Dial Number*	*Y or blank*
RecordType	*Appended Record Type R − Residential B − Business P − Payphone U − Unknown*	*R, B, P, U*
TelcoName	*Name of original telephone company provider*	*100 Characters*
matchLevel	*Appended Matched Category (up to 3, one for each appended phone number)* *I − Individual* *H − Household* *A − Address* *Z − Name/Zip*	*I, H, A, Z*

Email	*Appended Email (up to 3 additional Emails)*	*100 Characters*
suppressionCode	*Email Suppression Code N - Email is Eligible for Deployment*	*N or blank*
Category	*Appended Matched Category (up to 3, one for each appended Email)* *I – Individual* *H – Household* *A – Address* *Z – Name/Zip*	*I, H, A, Z*
urlSources	*Appended URL - Indicates the website in which the consumer "opted-in" to receive marketing emails*	*100 Characters*
lastSeen	*Appended Email Last Seen Date*	*YYYYMMDD*

Add-on packages for Attribute Enrichment

Geo Credit Attributes:

Output Field	Description	Return Values
TOTALCR_PASTDUE_60D	Percentage of households with a credit relationship that has one more of accounts 60+ days past due. For example, the value represented for a Zip+4 = 40, this would be be interpreted as "For households in the Zip+4 area, 40% have one or more credit accounts that is 60 days or more past the due date". This measure is a key indicator for measuring financial stress.	0 - 99
TOTALCR_UTILIZATION	Percentage of households credit utilization, which represents the used credit balance relative to available credit limit. For example, if the value represented for a Zip+4 = 40, this would be interpreted as "For households in a Zip+4 area, 40% of available credit is being utilized". This measure is a key indicator for measuring capacity to pay.	0-100
VANTAGE_SCR	Tri-bureau risk assessment model that predicts the likelihood of becoming a serious credit risk. The higher the score, the lower the risk.	300 - 850
VANTAGE_SCR_RNG	Tri-bureau risk assessment model that predicts the likelihood of becoming a serious credit risk. The higher the score, the lower the risk. Credit score ranges are defined by market recognized brands.	A - 300 - 499 (Very Poor) B - 500 - 600 (Poor) C - 601 - 660 (Fair) D - 661 - 780 (Good) E - 781 - 850 (Excellent)
ANYCR_INQUIRY	Percentage of households with any type of hard credit inquiry in the last 3 months. For example, if the value represented for a Zip+4 = 40, this would be interpreted as "For households in a Zip+4 area, 40% had a credit inquiry in the past 3 months". This measure is a key indicator to determine financial activity.	Any Credit Inquiry Last 3-Months Percentage: 0-100
TOTALCR_SEVDEROG	Percentage of households with a credit relationship that has one or more accounts in severe derogatory status. For example, if the value represented for a Zip+4 = 40, this would be interpreted as "For households in the Zip+4 area, 40% have one or more credit accounts in severe derogatory status". This measure is a key indicator to determine financial stress.	One or More Accounts in Severe Derogatory Status Percentage: 0-99
TOTALCR_PASTDUE_3059D	Percentage of households with a credit relationship that has one more of accounts that are 30-59 days past due. For example, if the value represented for a Zip+4 = 40, this would be interpreted as "For households in the Zip+4 area, 40% have one or more credit accounts that is 30-59 days past the due date". This measure is a key indicator to determine financial stress.	Total Credit Past Due 30-59 Days Percentage: 0-99
BANKCC_HAVEACCNT	Percentage of households with a bank credit card account. For example, if the value represented for a Zip+4 = 40, this would be interpreted as "For households in a Zip+4 area, 40% of households have a bank credit card account". This measure is a key indicator to determine capacity to pay. Bank credit cards are defined as unsecured or secured credit cards issued by a bank, national card company or credit union which includes revolving and open type accounts.	Have Bank Credit Card Percentage: 0-100
BANKCC_UTILIZATION	Percentage of households bank credit card utilization, which represents the used bank credit card balance relative to the available bank card credit limit. For example, if the value represented for a Zip+4 = 40, this would be interpreted as "For households in a Zip+4 area, 40% of available bank card credit is being utilized". This measure is a key indicator to determine capacity to pay. Bank credit	Used Bank Credit Card Balance to Credit Limit Available Percentage: 0-99

	cards are defined as unsecured or secured credit cards issued by a bank, national card company or credit union which includes revolving and open type accounts.	
BANKCC_NEWAGE	Average minimum age of all bank card accounts on file (i.e. newest). This measure is a key indicator to determine capacity to pay. Bank credit cards are defined as unsecured or secured credit cards issued by a bank, national card company or credit union which includes revolving and open type accounts.	Average Min Age for Newest Bank Credit Card: 0-299

InMarket Attributes:

Output Field	Description	Return Values
IMS_INSUR_HOME	Verisk's InMarket Scores measure a consumer's likelihood to be in-market for home insurance. The score assesses a combination of recency, frequency, and depth of shopping behavior, as well as hundreds of household and consumer level characteristics to determine an individual's propensity to exhibit in-market behavior. Records scored with a "1" represent the highest confidence levels of in-market behavior. Records scored with an "8" have the lowest likelihood to exhibit in-market behavior, representing records with the lowest confidence levels or lacking any intelligence to indicate the record is in-market.	**InMarket Home Insurance Values Ranges: 1-8** 1: Highest Likelihood to be In-market for Home Insurance 8: Lowest Likelihood to be In-market for Home Insurance
IMS_INSUR_AUTO	Verisk's InMarket Scores measure a consumer's likelihood to be in-market for Auto insurance. The score assesses a combination of recency, frequency, and depth of shopping behavior, as well as hundreds of household and consumer level characteristics to determine an individual's propensity to exhibit in-market behavior. Records scored with a "1" represent the highest confidence levels of in-market behavior. Records scored with an "8" have the lowest likelihood to exhibit in-market behavior, representing records with the lowest confidence levels or lacking any intelligence to indicate the record is in-market.	**InMarket Auto Insurance Values Ranges: 1-8** 1: Highest Likelihood to be In-market for Auto Insurance 8: Lowest Likelihood to be In-market for Auto Insurance
IMS_INSUR_LIFE	Verisk's InMarket Scores measure a consumer's likelihood to be in-market for Life insurance. The score assesses a combination of recency, frequency, and depth of shopping behavior, as well as hundreds of household and consumer level characteristics to determine an individual's propensity to exhibit in-market behavior. Records scored with a "1" represent the highest confidence levels of in-market behavior. Records scored with an "8" have the lowest likelihood to exhibit in-market behavior, representing records with the lowest confidence levels or lacking any intelligence to indicate the record is in-market.	**InMarket Life Insurance Values Ranges: 1-8** 1: Highest Likelihood to be In-market for Life Insurance 8: Lowest Likelihood to be In-market for Life Insurance
IMS_INSUR_GENERAL	Verisk's InMarket Scores measure a consumer's likelihood to be in-market for health insurance although the specific health insurance category has not yet been identified. The score assesses a combination of recency, frequency, and depth of shopping behavior, as well as hundreds of household and consumer level characteristics to determine an individual's propensity to exhibit in-market behavior. Records scored with a "1" represent the highest confidence levels of in-market behavior. Records scored with an "8" have the lowest likelihood to exhibit in-market behavior, representing records with the lowest confidence levels or lacking any intelligence to indicate the record is in-market.	**InMarket General Insurance Values Ranges: 1-8** 1: Highest Likelihood to be In-market for Insurance (General) 8: Lowest Likelihood to be In-market for Insurance (General)
IMS_INSUR_HLTH_DENTAL	Verisk's InMarket Scores measure a consumer's likelihood to be in-market for dental health insurance. The score assesses a combination of recency, frequency, and depth of shopping behavior, as well as hundreds of household and consumer level characteristics to determine an individual's propensity to exhibit in-market behavior. Records scored with a "1" represent the highest confidence levels of in-market behavior. Records scored with an "8" have the lowest likelihood to exhibit in-market behavior, representing records with the lowest confidence levels or lacking any intelligence to indicate the record is in-market.	**InMarket Dental Health Insurance Values Ranges: 1-8** 1: Highest Likelihood to be In-market for Dental Health Insurance 8: Lowest Likelihood to be In-market for Dental Health Insurance
IMS_INSUR_HLTH_SHORTTERM	Verisk's InMarket Scores measure a consumer's likelihood to be in-market for short-term health insurance. The score assesses a combination of recency, frequency, and depth of shopping behavior, as well as hundreds of household and consumer level characteristics to determine an individual's propensity to exhibit in-market behavior. Records scored with a "1" represent the highest confidence levels of in-market behavior. Records scored with an "8" have the lowest likelihood to exhibit in-market behavior, representing records with the lowest confidence levels or lacking any intelligence to indicate the record is in-market.	**InMarket Short-term Health Insurance Values Ranges: 1-8** 1: Highest Likelihood to be In-market for Short-term Health Insurance 8: Lowest Likelihood to be In-market for Short-term Health Insurance
IMS_INSUR_HLTH_DISABILITY	Verisk's InMarket Scores measure a consumer's likelihood to be in-market for disability health insurance. The score assesses a combination of recency, frequency, and depth of shopping behavior, as well as hundreds of household and consumer level characteristics to determine an individual's propensity to exhibit in-market behavior. Records scored with a "1" represent the highest confidence levels of in-market behavior. Records scored with an "8" have the lowest likelihood to exhibit in-market behavior,	**InMarket Disability Health Insurance Values Ranges: 1-8** 1: Highest Likelihood to be In-market for Disability Health Insurance 8: Lowest Likelihood to be In-market for Disability Health Insurance

	representing records with the lowest confidence levels or lacking any intelligence to indicate the record is in-market.	
IMS_INSUR_HLTH_MEDICARESUPP	Verisk's InMarket Scores measure a consumer's likelihood to be in-market for Medicare Supplement health insurance. The score assesses a combination of recency, frequency, and depth of shopping behavior, as well as hundreds of household and consumer level characteristics to determine an individual's propensity to exhibit in-market behavior. Records scored with a "1" represent the highest confidence levels of in-market behavior. Records scored with an "8" have the lowest likelihood to exhibit in-market behavior, representing records with the lowest confidence levels or lacking any intelligence to indicate the record is in-market.	**InMarket Medicare Supplement Health Insurance Values Ranges: 1-8** 1: Highest Likelihood to be In-market for Medicare Supplement Health Insurance 8: Lowest Likelihood to be In-market for Medicare Supplement Health Insurance
IMS_INSUR_HLTH_MEDICAREADV	Verisk's InMarket Scores measure a consumer's likelihood to be in-market for Medicare Advantage health insurance. The score assesses a combination of recency, frequency, and depth of shopping behavior, as well as hundreds of household and consumer level characteristics to determine an individual's propensity to exhibit in-market behavior. Records scored with a "1" represent the highest confidence levels of in-market behavior. Records scored with an "8" have the lowest likelihood to exhibit in-market behavior, representing records with the lowest confidence levels or lacking any intelligence to indicate the record is in-market.	**InMarket Medicare Advantage Health Insurance Values Ranges: 1-8** 1: Highest Likelihood to be In-market for Medicare Advantage Health Insurance 8: Lowest Likelihood to be In-market for Medicare Advantage Health Insurance
IMS_INSUR_HLTH_MEDICAREGENERAL	Verisk's InMarket Scores measure a consumer's likelihood to be in-market for Medicare Health insurance (general). The score assesses a combination of recency, frequency, and depth of shopping behavior, as well as hundreds of household and consumer level characteristics to determine an individual's propensity to exhibit in-market behavior. Records scored with a "1" represent the highest confidence levels of in-market behavior. Records scored with an "8" have the lowest likelihood to exhibit in-market behavior, representing records with the lowest confidence levels or lacking any intelligence to indicate the record is in-market. Verisk's InMarket Scores measure a consumer's likelihood to be in-market for home insurance. The score assesses a combination of recency, frequency, and depth of shopping behavior, as well as hundreds of household and consumer level characteristics to determine an individual's propensity to exhibit in-market behavior. Records scored with a "1" represent the highest confidence levels of in-market behavior. Records scored with an "8" have the lowest likelihood to exhibit in-market behavior, representing records with the lowest confidence levels or lacking any intelligence to indicate the record is in-market.	**InMarket Medicare Health Insurance (General) Values Ranges: 1-8** 1: Highest Likelihood to be In-market for Medicare Health Insurance (General) 8: Lowest Likelihood to be In-market for Medicare Health Insurance (General)
IMS_INSUR_HLTH_GENERAL	Verisk's InMarket Scores measure a consumer's likelihood to be in-market for Health insurance (general). The score assesses a combination of recency, frequency, and depth of shopping behavior, as well as hundreds of household and consumer level characteristics to determine an individual's propensity to exhibit in-market behavior. Records scored with a "1" represent the highest confidence levels of in-market behavior. Records scored with an "8" have the lowest likelihood to exhibit in-market behavior, representing records with the lowest confidence levels or lacking any intelligence to indicate the record is in-market.	**InMarket Health Insurance (General) Values Ranges: 1-8** 1: Highest Likelihood to be In-market for Health Insurance (General) 8: Lowest Likelihood to be In-market for Health Insurance (General)
IMS_INSUR_HLTH_OVERALL	Verisk's InMarket Scores measure a consumer's likelihood to be in-market for health insurance (overall). The score assesses a combination of recency, frequency, and depth of shopping behavior, as well as hundreds of household and consumer level characteristics to determine an individual's propensity to exhibit in-market behavior. Records scored with a "1" represent the highest confidence levels of in-market behavior. Records scored with an "8" have the lowest likelihood to exhibit in-market behavior, representing records with the lowest confidence levels or lacking any intelligence to indicate the record is in-market.	**InMarket Health Insurance (Overall) Values Ranges: 1-8** 1: Highest Likelihood to be In-market for Health Insurance (Overall) 8: Lowest Likelihood to be In-market for Health Insurance (Overall)
IMS_INSUR_OVERALL	Verisk's InMarket Scores measure a consumer's likelihood to be in-market for insurance (overall). The score assesses a combination of recency, frequency, and depth of shopping behavior, as well as hundreds of household and consumer level characteristics to determine an individual's propensity to exhibit in-market behavior. Records scored with a "1" represent the highest confidence levels of in-market behavior. Records scored with an "8" have the lowest likelihood to exhibit in-market behavior, representing records with the lowest confidence levels or lacking any intelligence to indicate the record is in-market.	**InMarket Insurance (Overall) Values Ranges: 1-8** 1: Highest Likelihood to be In-market for Insurance (Overall) 8: Lowest Likelihood to be In-market for Insurance (Overall)
IMS_MTG_NEWHOME	Verisk's InMarket Scores measure a consumer's likelihood to be in-market for a mortgage (overall) for a new home. The score assesses a combination of recency, frequency, and depth of shopping behavior, as well as hundreds of household and consumer level characteristics to determine an individual's propensity to exhibit in-market behavior. Records scored with a "1" represent the highest confidence levels of in-market behavior. Records scored with an "8" have the lowest likelihood to exhibit in-market behavior, representing records with the lowest confidence levels or lacking any intelligence to indicate the record is in-market.	**InMarket New Home (Purchase) Mortgage Values Ranges: 1-8** 1: Highest Likelihood to be In-market for New Home Mortgage 8: Lowest Likelihood to be In-market for New Home Mortgage
IMS_MTG_REFI	Verisk's InMarket Scores measure a consumer's likelihood to be in-market to refinance their mortgage. The score assesses a combination of recency, frequency, and depth of shopping behavior, as well as hundreds of household and consumer level characteristics to determine an individual's propensitity to exhibit in-market behavior. Records scored with a "1" represent the highest confidence levels of in-market behavior. Records scored with an "8" have the lowest likelihood to exhibit in-market behavior,	**InMarket Refinance Mortgage Ranges: 1-8** 1: Highest Likelihood to be In-market for Refinance Mortgage

	representing records with the lowest confidence levels or lacking any intelligence to indicate the record is in-market.	8: Lowest Likelihood to be In-market for Refinance Mortgage
IMS_MTG_HELOC	Verisk's InMarket Scores measure a consumer's likelihood to be in-market for a home equity line of credit (HELOC). The score assesses a combination of recency, frequency, and depth of shopping behavior, as well as hundreds of household and consumer level characteristics to determine an individual's propensity to exhibit in-market behavior. Records scored with a "1" represent the highest confidence levels of in-market behavior. Records scored with an "8" have the lowest likelihood to exhibit in-market behavior, representing records with the lowest confidence levels or lacking any intelligence to indicate the record is in-market.	**InMarket HELOC Mortgage Ranges: 1-8** 1: Highest Likelihood to be In-market for Refinance Mortgage 8: Lowest Likelihood to be In-market for Refinance Mortgage
IMS_MTG_REVERSE	Verisk's InMarket Scores measure a consumer's likelihood to be in-market for reverse mortgage. The score assesses a combination of recency, frequency, and depth of shopping behavior, as well as hundreds of household and consumer level characteristics to determine an individual's propensity to exhibit in-market behavior. Records scored with a "1" represent the highest confidence levels of in-market behavior. Records scored with an "8" have the lowest likelihood to exhibit in-market behavior, representing records with the lowest confidence levels or lacking any intelligence to indicate the record is in-market.	**InMarket Reverse Mortgage Values Ranges: 1-8** 1: Highest Likelihood to be In-market for Reverse Mortgage 8: Lowest Likelihood to be In-market for Reverse Mortgage
IMS_MTG_GENERAL	Verisk's InMarket Scores measures a consumer's likelihood to be in-market for insurance in one or more of the health insurance categories (dental, short-term, disability, Medicare and/or general interest). The score assesses a combination of recency, frequency, and depth of shopping behavior, as well as hundreds of household and consumer level characteristics to determine an individual's propensity to exhibit in-market behavior. Records scored with a "1" represent the highest confidence levels of in-market behavior. Records scored with an "8" have the lowest likelihood to exhibit in-market behavior, representing records with the lowest confidence levels or lacking any intelligence to indicate the record is in-market.	**InMarket Mortgage (General) Values Ranges: 1-8** 1: Highest Likelihood to be In-market for Mortgage (General) 8: Lowest Likelihood to be In-market for Mortgage (General)
IMS_MTG_OVERALL	Verisk's InMarket Scores measures a consumer's likelihood to be in-market for a mortgage in one or more of the mortgage categories (new home, refinance, HELOC, reverse and/or general interest). The score assesses a combination of recency, frequency, and depth of shopping behavior, as well as hundreds of household and consumer level characteristics to determine an individual's propensity to exhibit in-market behavior. Records scored with a "1" represent the highest confidence levels of in-market behavior. Records scored with an "8" have the lowest likelihood to exhibit in-market behavior, representing records with the lowest confidence levels or lacking any intelligence to indicate the record is in-market. .	**InMarket Mortgage (Overall) Values Ranges: 1-8** 1: Highest Likelihood to be In-market for Mortgage (Overall) 8: Lowest Likelihood to be In-market for Mortgage (Overall)
IMS_EDUCATION	Verisk's InMarket Scores measure a consumer's likelihood to be in-market for higher education. The score assesses a combination of recency, frequency, and depth of shopping behavior, as well as hundreds of household and consumer level characteristics to determine an individual's propensity to exhibit in-market behavior. Records scored with a "1" represent the highest confidence levels of in-market behavior. Records scored with an "8" have the lowest likelihood to exhibit in-market behavior, representing records with the lowest confidence levels or lacking any intelligence to indicate the record is in-market.	**InMarket Higher Education Values Ranges: 1-8** 1: Highest Likelihood to be In-market for Higher Education 8: Lowest Likelihood to be In-market for Higher Education
IMS_JOBS	Verisk's InMarket Scores measure a consumer's likelihood to be in-market for a job. The score assesses a combination of recency, frequency, and depth of shopping behavior, as well as hundreds of household and consumer level characteristics to determine an individual's propensity to exhibit in-market behavior. Records scored with a "1" represent the highest confidence levels of in-market behavior. Records scored with an "8" have the lowest likelihood to exhibit in-market behavior, representing records with the lowest confidence levels or lacking any intelligence to indicate the record is in-market.	**InMarket Jobs Values Ranges: 1-8** 1: Highest Likelihood to be In-market for Jobs 8: Lowest Likelihood to be In-market for Jobs
IMS_HOMEBUYER	Verisk's InMarket Scores measure a consumer's likelihood to be in-market to buy a home. The score assesses a combination of recency, frequency, and depth of shopping behavior, as well as hundreds of household and consumer level characteristics to determine an individual's propensity to exhibit in-market behavior. Records scored with a "1" represent the highest confidence levels of in-market behavior. Records scored with an "8" have the lowest likelihood to exhibit in-market behavior, representing records with the lowest confidence levels or lacking any intelligence to indicate the record is in-market.	**InMarket Homebuyers Values Ranges: 1-8** 1: Highest Likelihood to be In-market for Buying Home 8: Lowest Likelihood to be In-market for Buying Home
IMS_AUTOSALES	Verisk's InMarket Scores measure a consumer's likelihood to be in-market for a new or used car. The score assesses a combination of recency, frequency, and depth of shopping behavior, as well as hundreds of household and consumer level characteristics to determine an individual's propensity to exhibit in-market behavior. Records scored with a "1" represent the highest confidence levels of in-market behavior. Records scored with an "8" have the lowest likelihood to exhibit in-market behavior, representing records with the lowest confidence levels or lacking any intelligence to indicate the record is in-market.	**InMarket Auto Sales Values Ranges: 1-8** 1: Highest Likelihood to be In-market for Auto Sales 8: Lowest Likelihood to be In-market for Auto Sales
IMS_HOMESERVICES	Verisk's InMarket Scores measure a consumer's likelihood to be in-market for home services (e.g. home improvement, home security system installation, solar panel installation). The score assesses a combination of recency, frequency, and depth of shopping behavior, as well as hundreds of household and consumer level characteristics to determine an individual's propensity to exhibit in-market behavior.	**InMarket Home Services Values Ranges: 1-8** 1: Highest Likelihood to be In-market for Home Services

	Records scored with a "1" represent the highest confidence levels of in-market behavior. Records scored with an "8" have the lowest likelihood to exhibit in-market behavior, representing records with the lowest confidence levels or lacking any intelligence to indicate the record is in-market.	8: Lowest Likelihood to be In-market for Home Services
IMS_FISERV_GENERAL	Verisk's InMarket Scores measure a consumer's likelihood to be in-market for financial services. The score assesses a combination of recency, frequency, and depth of shopping behavior, as well as **hundreds** of household and consumer level characteristics to determine an individual's propensitity to exhibit in-market behavior. Records scored with a "1" represent the highest confidence levels of in-market behavior. Records scored with an "8" have the lowest likelihood to exhibit in-market behavior, representing records with the lowest confidence levels or lacking any intelligence to indicate the record is in-market.	**InMarket Financial Services (General) Values Ranges: 1-8** 1: Highest Likelihood to be In-market for Financial Services (General) 8: Lowest Likelihood to be In-market for Financial Services (General)
IMS_ONLINE_LEADGEN	Verisk's InMarket Scores measure a consumer's likelihood to be online, exhibiting in-market behaviors. The score assesses a combination of recency, frequency, and depth of shopping behavior, as well as hundreds of household and consumer level characteristics to determine an individual's propensitity to exhibit in-market behavior. Records scored with a "1" represent the highest confidence levels of in-market behavior. Records scored with an "8" have the lowest likelihood to exhibit in-market behavior, representing records with the lowest confidence levels or lacking any intelligence to indicate the record is in-market.	**InMarket Online Lead Generation Values Ranges: 1-8** 1: Highest Likelihood to be In-market for Online Lead Gen 8: Lowest Likelihood to be In-market for Online Lead Gen

Connex Clusters:

Output Field	Description	Return Values
HHCLSTRDCD	Assigned cluster code for Household Cluster. See Connex HouseHold Clusters Table.	3 characters
NEIGHBORHOOD_CLSTRDCD	Assigned cluster code for Neighborhood Cluster. See Connex Neighborhood Clusters Table	2 characters
FMCLSTRDCD	Assigned cluster code for Family Cluster. See Connex Family Clusters Table	2 characters
MESSAGING_CLSTRDCD	Assigned cluster code for Messaging Cluster. See Connex Messaging Clusters Table	2 characters
DIGITALCLSTRDCD	Target consumers based on their online social media and mobile behaviors, preferences and buying habits. See Connex Digital Clusters Table	2 characters
GENERATION_CLSTRDCD	Ideal for reaching consumers at specific life stages, as well as for marketing strategies that align with generational attitudes and experiences. See Connex Generation Clusters Table	2 characters
GENERATION_GRPCD	Assigned cluster code for Generation Cluster. See Connex Generation Groups Table	2 characters
LIFESTG_CLSTRD	Develop messaging strategies based on significant milestones in consumers' lives including career, marriage, children, retirement, and more. See Connex Life Stage Clusters Table	3 characters
LIFESTG_GRPCD	Assigned cluster code for Life Stage groups Cluster. See Connex Life Stage Groups Table	2 characters

How do I test my API Integration?

Following these steps will ensure all test data is excluded from Production tables and will remain separate from data analysis.

Include the test parameter in the API call (&test=1)

Example Request:

https://api.leadid.com/SingleQuery?**lac**={ACCOUNTCODE}&**id**={LEADIDTOKEN}&**lak**={AUDIT KEY}&**lpc**={PROVIDERCODE}&**data**={DATA}&**test**=1

NOTE

- If '&test=1' is not included exactly as &test=1, data will be written to Production tables.
- Send the full API string that was used for the tests to the VMS Support Team (vmssupport@jornaya.com).
- Ensure that you use different LeadiD tokens for each API call throughout your testing.
- The best practice is to not perform a query on the same LeadiD more than 5 times.
- Please be sure to wait for confirmation from the Support Team prior to launching the changes into Production.

Appendix A: JSON API Example

Example Request:

https://api.leadid.com/SingleQuery?lac={ACCOUNTCODE}&data=FullName=randomFullName&FName=FName&LName=LName&Address1=Address1&Address2=Address2&City=City&State=State&Zip=Zip&Phone=Phone&Phone2=Phone2&Email=Email

Example Output without a leadiD token:

```
{
  "audit":
  {
    "error":
    {
      "code": 1000,
      "message": "No LeadiD set"
    },
    "market":
    {
      "ConsumerData":
      {
```

```json
"IDScores":
{
  "raw_response":
  {
    "Detail":
    {
      "Raw":
      {
        "PhoneOwnerIDValidation":
        {
          "Phone":
          {
            "PhoneType": "W"
          }
        }
      },
      "IDScores":
      {
        "ValidAddress": "100",
        "ValidPhone": "100",
        "ValidEmail": "100",
        "ValidName": "100",
        "Deceased": "100",
        "NameToPhone": "0",
        "NameToEmail": "100",
        "NameToAddress": "100",
        "AddressToPhone": "0",
        "AddressToEmail": "100",
        "PhoneToEmail": "10",
        "USLocation": "",
        "ValidPhone2": "",
        "NameToPhone2": "",
        "AddressToPhone2": "",
        "Phone2ToEmail": "",
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        "IDVerifyScore": "95",
        "ValidZip": "100",
        "ZipToPhone": "0"
      }
    }
  },
  "ConsumerAttributes":
  {
    "raw_response":
    {
      "output":
```

```json
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    "results":
    [
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        "matchLevel": 1,
        "attributes":
        {
          "coreDemographics":
          {
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}
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Appendix B: API Response Codes

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

Output Field	Description
0	Successful
1	No Records found
2	Missing required parameter(s)
3	Too many results. Please refine your search criteria
4	You have reached the maximum number of transactions allowed
102	The user is invalid (double-check credentials)
All other codes	System error. Retry search, if failure continues, contact support