✳ INTEGRITY

™

Integrity DirectURL Service

Integration Guide

&

Frequently Asked Questions

Version 4.6
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1.1 Submitting an Age/Identity Verification Request

Clients use a web page or shopping cart to collect user information—e.g. Full Name, Address, Zip Code, Date of Birth, etc…. If you don't have a web page form to collect this information, we can provide a customized link to our web page form. (See Customized Web Page Hosting Product—Section 1.4.1)

To submit a person's identity attributes for verification, your server code constructs the URL string as explained above and sends it to Integrity^{SM} for processing. The method for calling the URL within a server-side script will vary depending on the language used by your program. Nothing is installed on your server. Your web application code makes a call to Integrity^{SM} using the syntax provided. There are no operating system or web server software requirements; you need to determine how to program the call. Section 1.3 contains sample code.

Format of the URL call to Integrity DirectURL service with name/value pairs:

> https://www.integrity-direct.com/online/authentication_url.asp?sid=XXXXXXXX&first=XXXXX&last=XXXXXXXXXX&address=XXXXXXXXXXXXXXXXXXXXX&zip=XXXXX&dob=XXXXXXX&country=XX&ID=XXXXXXXXXX&ID_TYPE=XX

→ Replace XXXXX with the following information (See Chart below).

VARIABLES	NOTES	REQUIRED
SID=	The client's Site ID. It is unique for each client; it is provided by Integrity^{SM} *&SID=1234567890098786543211234567890*	X
First=	The first/given name of the person to verify. Title, middle initial or middle name cannot be part of the First Name *&first=John*	X
Middle=	The middle name of the person to verify *&middle=Q*	
Last=	The last name or surname of the person to verify. Suffix can't be part of the Last Name *&last=Public*	X
Suffix=	Name Suffix of the person e.g. Jr, Sr *&suffix=jr*	
Gender=	Allowed values are 'F' for female or 'M' for male *&gender=M*	

Address=	The street address including house/building number and street name *&address=1234 Main Street*	
City=	Name of City *&city=Los Angeles*	
State= (U.S. ONLY)	Two character State code (http://www.usps.com/ncsc/lookups/abbr_state.txt) *&state=CA*	
Zip=	The Zip/Postal Code is required in all countries except Ireland. *&zip=90234*	**X**
County= or County_name= **(IRELAND ONLY)**	Submit either the County code or County name. See Appendix section 3.4 for a list of County codes and County names for Ireland *&county=CE or &county_name=Clare*	
Country=	ISO 3166 Country Code (2-letter) http://www.iso.org/iso/country_codes/iso_3166_code_lists/english_country_names_and_code_elements.htm *&country=US*	**X**
DOB=	Format: mm/dd/yyyy *&dob=11/25/1971*	
Phone=	7 or 10 Digit Phone Number. Remove any special formatting characters such as hyphens, dashes, or parenthesis *&phone=1234567890 or &phone=1234567*	
SSN=	Social Security Number (US ONLY). Either the full 9 digit number can be sent or the last 4 digits. Remove any special formatting characters such as hyphens or dashes *&ssn=123456789 or &ssn=6789*	
ID=	The number displayed on the actual government issued ID document *&ID=1000001886USA4301288M0303103<<<<<<<<<<<<<<<2*	

ID_type	The type of government issued ID document. Enter the number corresponding to the submitted ID type	
	1 - Passport Registry No. 2 - Personal Identification No. 3 - Identity Card No. 4 - Driver's License No. 8 - Travel Document 12 - Residence Permit 13 - Identity Certificate No. 16 - Registro Federal de Contribuyentes 17 - Credencial de Elector 19 - Social Security Number (US ONLY) 20 - Tax File Number (Australia Only)	
	&ID_Type=1	
UserID=	UserID should be under 40 characters and can be separated with hyphens. It can contain both alpha and numeric characters. *&UserID=2309424024080840994*	
UserIP=	UserIP is to the IP Address of the user and should be sent in the standard IP Address notation *&UserIP=12.35.67.89*	

Sample URL call using the identity attribute examples shown above:

> https://www.integrity-direct.com/online/authentication_url.asp?sid=1234567890098786543211234567
> 89&first=John&last=Public&address=1234 Main Street&zip=90234
> &dob=11/25/1971&country=US&ID=1000001886USA4301288M0303103<<<<<
> <<<<<<<<2&ID_TYPE=1

Technical Notes:
> - Use form method POST
> - URL variables must be encoded
>> URL encoding ensures that all browsers will correctly transmit text in URL strings. Characters such as a question mark (?), ampersand (&), slash mark (/), and spaces might be truncated or corrupted by some browsers. As a result, these characters must be encoded in <a> tags or in query strings where the strings can be re-sent by a browser in a request string. For more information, see http://msdn.microsoft.com/en-us/library/zttxte6w.aspx.
> - The data string is not case sensitive

1.2 Receiving an Age/Identity Verification Response

1.2.1 Standard Response Codes

The standard response to every verification request includes a unique Transaction ID (TID), Match Code (MC), Error Code (Err_Code), and Error Description (Err_Desc)

RESPONSE	DESCRIPTION
TID	Transaction ID: a unique 15 to 35 character alpha numeric string. *tid=UK441667401022586678*
MC	Match Code: 1-4 digit match code. See Appendix section 3.2.2 for the list of Match Codes *mc=731 or mc=0 (no match)*
Err_Code	If an error occurs, an error code is returned. See Appendix section 3.2.1 for the list of Error Codes *err_code=2001*
Err_Desc	A brief description of the error. See Appendix section 3.2.1 for the list of Error Descriptions *err_desc=Missing Zip/Postal Code*

Sample Response: tid=XXXXXXXXXXXXX&mc=XXX&err_code=0&err_desc=

1.2.2 Supplemental Response Codes

RESPONSE	DESCRIPTION
WATCH	Verify persons against watch lists from the Office of Foreign Assets Control *Watch=Y or Watch=N*
PEP	Verify persons against Politically Exposed Persons list *PEP=Y or PEP=N*
FRAUD	Verify U.S. persons against Social Security Administration Fraud (SSN Fraud) list *Fraud=Y or Fraud=N*
ID_CHECK	Verify the number on a government issued ID document. See Appendix section 3.1 for a full explanation *Return_IDCheck=1*

1.3 Sample Code

The following are sample codes for implementing Integrity[SM] Direct URL into websites using PHP, XML, AspHTTP and HttpWebRequest.

1.3.1 PHP

```php
<?php
 //Gather information that was entered by your user.

  //For this example, we have assigned the following values:

    $country = "US";
    $firstname = "John";
    $lastname = "Public";
    $zipcode = "90234";
    $dob = "11/25/1971";
    $address = "101 main st";

    //Encode the data before sending
    $country = urlencode($country);
    $lastname = urlencode($lastname);
    $firstname = urlencode($firstname);
    $zipcode = urlencode($zipcode);
    $dob = urlencode($dob);
    $address = urlencode($address);

  //Create the URL string
    $data =
"sid=SIDXXXX&zip=$zipcode&first=$firstname&last=$lastname&address=$address&dob=$dob&country=$country";
    $url = "https://www.integrity-direct.com/online/authentication_url.asp";

  $params = array (
        'http' => array (
            'method' => 'POST',
            'content' => $data,
            'header' => "Content-type: application/x-www-form-urlencoded\r\n" .
            "Content-Length: " . strlen ( $data ) . "\r\n"
        )
    );


    $ctx = stream_context_create($params);

    $file = fopen($url, "r", false, $ctx);

    if(!$file)
    {
      echo "response=404";
```

```
    exit;
  }

  //This string will be in the format of:
  //tid=DUA46IG5315198691298&mc=145&err_code=0&err_desc=

  while(!feof($file))
  {
    $rs = explode("&", fgets($file, 1024));
    for($i = 0; $i < count($rs); $i += 1)
    {
      $srs = explode("=", $rs[$i]);
      $sname = $srs[0];
      $$sname = $srs[1];
    }
    if($err_code == 0)
    {
      if($mc != 0)
      {
        echo "response=verified";
      }
      else
      {
        echo "response=notverified";
      }
    }
    else
    {
      echo "response=error&code=" . $err_desc;
    }
  }
  fclose($file);
?>
```

Common PHP Issues:

1. Fopen issue

With Apache/2.x.x or Apache/2.2.x web server, with PHP5 as the scripting module, a HTTP communication error may occur within the PHP scripts that are parsing and running via the web server.

The errors that are generated by PHP include:

PHP Warning: fopen(http://www.example.com): failed to open stream: HTTP request failed!
fsockopen(): unable to connect to …

---

file_get_contents(): failed to open stream: HTTP request failed!

To resolve this problem, ensure that allow_url_fopen is enabled in the PHP.INI configuration file. The line should look like this:

allow_url_fopen = On

NOTE: Depending on your system OS and configuration, the PHP.INI is located at various locations, such as in Apache bin directory for Windows system or /usr/local/etc in FreeBSD Apache installation, if you don't specify or point to PHP.INI in another directory.

2. SSL Issue

The SSL connection is not closing correctly when connecting to the Integrity server. Turning down the php error reporting can fix the issue.

The php.ini error reporting line should look like this:

error_reporting = E_ALL & ~E_NOTICE & ~E_STRICT & -E_WARNING

3. Cross Domain Issue

Flash 8 will not allow a direct connection across domains. Therefore, you must use a locally stored intermediate file to send the information and receive the result. You will need to create a locally stored php file using the php scripts provided with the documentation, and have Flash connect to that local file to do the checking.

1.3.2 Active Server Pages (ASP) using XML

```
<%
'Gather information that was entered by your user.

'For this example, we have assigned the following values:
Dim sCountry, sFirst_Name, sLast_Name, sZip_Code, dDOB
sCountry = "US"
sFirst_Name = "John"
sLast_Name = "Public"
sZip_Code = "90234"
dDOB = "11/25/1971"

'Encode the data before sending
sCountry = Server.URLEncode(sCountry)
sFirst_Name = Server.URLEncode(sFirst_Name)
sLast_Name = Server.URLEncode(sLast_Name)
sZip_Code = Server.URLEncode(sZip_Code)
dDOB = Server.URLEncode(dDOB)

'Create the URL string
Dim sURL, sInput
sURL = "https://www.integrity-direct.com/online/authentication_url.asp"
sInput = "sid=SIDXXX" & _
"&country=" & sCountry & _
"&first=" & sFirst_Name & _
"&last=" & sLast_Name & _
"&zip=" & sZip_Code & _
"&dob=" & dDOB

'Create the XML object and send the request
Dim objHttp
Set objHttp = CreateObject("MSXML2.ServerXMLHTTP")
objHttp.open "POST", sURL, False
objHttp.setRequestHeader "Content-Type", "application/x-www-form-urlencoded"
objHttp.setRequestHeader "charset", "utf-8"
objHttp.send sInput

'Obtain the result string
Dim sResult
Dim sStatus

'Check the status and retrieve the result if it is 200
IF objHTTP.status = "200" THEN
    sResult = objHttp.responseText
END IF

Set objHttp = Nothing


' This string will be in the format of:
'tid=DUA46IG5315198691298&mc=145&err_code=0&err_desc=

' This Result string can then be parsed to retrieve the Match Code (mc) or
information on any error that occurred.
%>
```

1.3.3 C# (ASP.NET) using HttpWebRequest

```csharp
//Gather information that was entered by your user.

//For this example, we have assigned the following values:
string sCountry = "US";
//Encode the data before sending
string sFirst_Name = HttpUtility.UrlEncode("John");
string sLast_Name = HttpUtility.UrlEncode("Public");
string dDOB = HttpUtility.UrlEncode("11/25/1971");
string sState = HttpUtility.UrlEncode("CA");
string sZip_Code = HttpUtility.UrlEncode("90234");
string sid = "sid=SIDXXX";

//Create the URL string
string sUrl = "https://www.integrity-direct.com/online/authentication_url.asp";
string sData = "sid=" + sid + "&country=" + sCountry + "&first=" + sFirst_Name +
"&last=" + sLast_Name + "&state=" + sState + "&zip=" + sZip_Code + "&dob=" + dDOB;
byte[] bdata = UTF8Encoding.UTF8.GetBytes(sData);

//Requesting Service
HttpWebRequest request = (HttpWebRequest)WebRequest.Create(sUrl);
request.Method = "POST";
request.ContentType = "application/x-www-form-urlencoded";
request.ContentLength = bdata.Length;

Stream newStream = request.GetRequestStream(); //Open the Connection
newStream.Write(bdata, 0, bdata.Length); // Send the Data.
newStream.Close();


//Retrieve the result
string strResponse = "";
HttpWebResponse response = (HttpWebResponse)request.GetResponse();
using (StreamReader sr = new StreamReader(response.GetResponseStream()))
{
    strResponse = sr.ReadToEnd();
}

//This string will be in the format of:
//tid=DUA46IG5315198691298&mc=145&err_code=0&err_desc=

//This Result string can then be parsed to retrieve the match code (mc) or
information on any error that occurred.
```

1.4 Alternative Age/Identity Verification Products

1.4.1 Customized Web Page Hosting

Integrity can provide a customizable web page form to collect the identity attributes of your users. The identity attributes are sent to Integrity for verification. If the user passes the Age/Identity verification, they are sent to a pre-determined "pass" web page. If the user fails the verification process, they are sent to a pre-determined "fail" web page. The content of Pass/Fail web pages (URLs) are specified and maintained by the client. The Integrity Customized Web Page Hosting product is a quick way to incorporate Age/Identity verification into your web site.

1.4.2 VerifyMyID

If Integrity is not able to verify the age/identity of a user via the Integrity DirectURL service, we can provide a web site where the user can upload an image of their ID. Integrity will then manually verify the user's age/identity and issue a "match code" accordingly.

1.4.3 DirectVerify

The Integrity DirectVerify service offers your customer service or compliance representatives the ability to process age/identity verification requests using a web verification form hosted by Integrity. The customer service representative enters the user's identity attributes and can perform as many checks as necessary.

For more information about alternative age/identity verification products, please contact your Integrity Account Representative or call +1 801-794-0435.

2. Frequently Asked Questions

2.1 How does it work?

A person's identity attributes are collected at your website and sent to Integrity^{SM} for instantaneous age & identity verification for compliance with Know-Your-Customer (KYC), Anti-Money Laundering (AML) and Self-Exclusion List (SEL) regulations. Integrity^{SM} immediately confirms the information against public record or government-issued ID data for citizens residing in over 150 nations. A match code indicates the accuracy of the information provided. Integrity^{SM} provides merchants and government agencies with Patriot Act (Section 326) and AML compliance solutions. This insures merchants who rely on the results to comply with age verification laws and guidelines.

Integrity^{SM} also offers compliance with gambling laws and regulations (UK, US and elsewhere) by verification against the SEL—a worldwide, confidential database of individuals who have voluntarily excluded themselves, or those for whom they are the legal guardian, from gaming activity. Should an individual whose name is on the list attempt to open an account with a participating gaming site, Integrity^{SM} does not return a match (approval) code to the merchant, thus blocking the user's access to the site. Integrity^{SM} also has the ability to flag an individual whose name appears on the list of Convicted Sex Offenders in 53 US jurisdictions and some foreign countries. This service is intended primarily for social networking and dating sites and those catering to children.

2.2 What are match codes?

The match codes are combinations of identity attributes that were matched during the verification process. Match codes are ranked from the highest to the lowest confidence based on the combination of data matched and the client requirements. They are designed to give you flexibility in accepting multiple confidence levels based on the data submitted and matched.

2.3 Which match codes should be selected?

The appropriate match codes are determined by each client's needs and the minimum data requirement. The Integrity Client Services Team can assist in the determination and setup of match codes and their associated processing order.

2.4 Where do you have data?

We have physical data in 150+ countries. However, we can process verification requests in approximately 200 countries using ID algorithms.

2.5 Do the match codes apply across all countries

Yes, the system will skip over match codes that don't apply to a given country. For example, match codes containing Social Security Number (full or last 4), will be skipped for any country except the U.S.

2.6 What does Age Verified mean?

All Integrity match codes are based on data that is already age verified. If, for example, I am searching for John Q. Public and I have his correct address and phone number, a match indicates that he is age verified because his name came from a data source whose minimum age is 18 or 21 years of age—a voter database, for example.

Think of using Date of Birth (DOB) match codes as an identity attribute—a way to match a person instead of a way to verify the person's age. In this way, you could have the person submit either a full DOB or just the year as it becomes a match point instead of an age verification process. Again, the data itself is already verified for age.

2.7 What issues will affect the verification process?

Data format issues: a person is submitting their DOB in a dd/mm/yyyy format instead of the specified DOB format of mm/dd/yyyy.

Unsupported ID Type: a person is submitting an ID that we do not support for the specified country.

Using nickname instead of legal name: a person is submitting Mike instead of Michael. Always ask them to use their legal name or their name as it appears on a government-issued ID document.

2.8 What user instructions should I provide on the Verification Form

"Please enter your first and Last Name as it appears on an official ID (i.e. driver's license). For instance, if your ID shows a First Name of Robert, use Robert instead of Bob."
- If you have moved recently, please try with your previous address.
- If you have recently married, please try with your maiden name.

2.9 How are First/Last Name only match codes used? (Gaming)

The data matches on First/Last Name only match codes. What does that result indicate?

It confirms for the specified country that there is a person:
- With that First and Last Name in a database of persons 18+
- Who is not on the Self-Exclusion List for problem gamblers

Depending on the jurisdiction, the commonality of the name ('John Smith' is a common name, 'Timothy Hopper' is not), and the product being sold, it may or may not satisfy the requirement for "best efforts" in age verification. Compared to doing nothing (which is not "best efforts"), it provides legal cover for the operator.

2.10 Do I need to obtain user consent?

Yes. This language must appear on your web page, clearly and conspicuously, at the point where the data is collected from the user:

"I authorize you to confirm the accuracy of the information I have submitted against government-issued ID."

2.11 How can we increase the accuracy of our match rate report?

If a user submits fictitious data (Mickey Mouse, for example) multiple times prior to providing their true identity attributes, the match rate report will be skewed since, by default, it simply calculates the number of matches divided by the number of non-errored verification requests to determine the match rate. For an accurate match rate report, you can submit a unique UserID (you create) and the users's IP Address with the verification request.

The **UserID** should be under 40 characters and can be separated with hyphens. Both alpha and numeric characters can be used. An example of a unique ID that you can use is the ASP.Net Session ID.

&UserID=1234-5678-9101-1121

The **UserIP** must follow standard IP Address notation—xxx.xxx.xxx.xxx

&UserIP=192.168.1.233

2.12 Do we get billed "per query" or "per match"

You are billed "per match". Our "no match, no pay" approach sets us apart from our competitors!

2.13 What are the 900 and 905 codes?

The 900 and 905 codes are ID algorithms used to verify the authenticity of a users's ID number (Passport and Driver's License numbers, for example). The 900 code validates the DOB submitted by the user and the DOB embedded in the ID number. However, not all ID numbers have the DOB embedded. In these cases, a 905 code validates the format of the ID number—the correct number of letters, numbers, and, where applicable, check sum values.

The 900 and 905 codes are similar to the ID_Check explained in Appendix section 3.1

2.14 What is the Integrity Client Administration site?

The Integrity Client Administration site (https://www.integrity-direct.com) provides clients with the following features:
- New verification site creation and match code selection
- System reports that detail usage and match rates
- Management Dashboard with key performance indicators
- Downloadable transaction logs

3. Appendix

3.1 ID Check

In addition to matching a person's standard identity attributes—Name, Address, DOB, Phone, etc—the Integrity ID Check can also verify that the person's ID—Passport or Driver's License number, or other type of government issued ID—is valid. For a valid ID, Integrity checks that the ID number is in the correct format and, where used, the number has a correct checksum. For ID types that have the person's Date of Birth (DOB) embedded in the ID number, the Integrity ID Check can also verify that the DOB submitted matches the DOB embedded in the ID number. For Integrity clients who require that their customers provide an ID as part of the verification process, the Integrity ID Check provides additional confidence to matched transactions. The optional ID check can be activated for any client on a site by site basis. Once the ID Check has been activated, you will see the following ID Check codes returned along with the standard response for each query:

tid=UG1530103320XXXXXX&mc=98&err_code=0&err_desc=&Return_IDCheck=[0,1,2]

> Where
> &Return_IDCheck=0 – Unable to verify ID Number
> &Return_IDCheck=1 – Date of Birth and ID Format Verified
> &Return_IDCheck=2 – ID Format Verified

Passport Example: The user named "A. Specimen" is sent to Integrity for Age/Identity Verification with the following attributes:

Given Name: A
Surname: Specimen
Street Address: 10 Downing Street
City: London
Postal Code: SW1A 2AA
DOB: 01 January 1950
ID # (Passport): 6272008739GBR5001013M1701223<<<<<<<<<<<<<<00
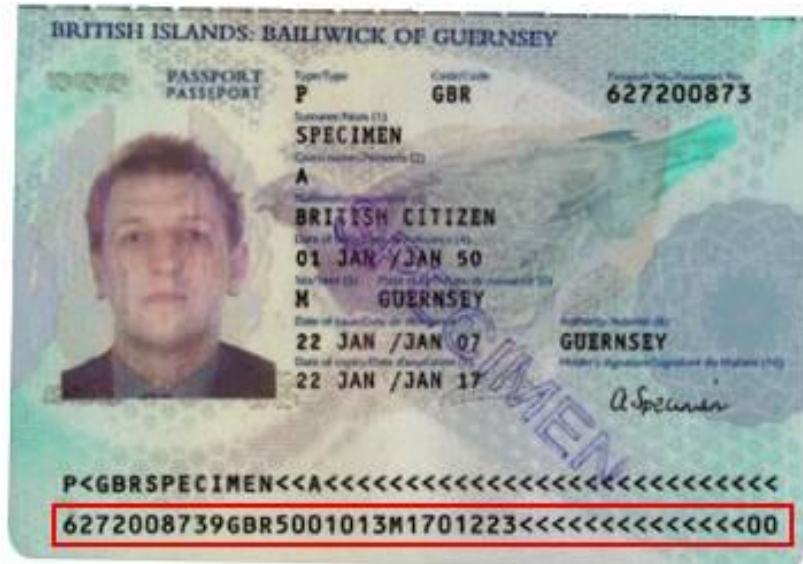
Since the ID number format submitted matches the definition for that ID type (Passport) and the DOB submitted matches the DOB embedded in the ID number (see characters in position 14-19), Integrity returns "&Return_IDCheck=1". Integrity ID Check also verifies the check digits by using the mathematical formula used to generate each check digit.

The ID number format for machine readable passports like the one issued to A. Specimen is as follows:

Character Position	Description
1-9	Passport Number
10	Check Digit for characters 1-9
11-13	Country Code (ISO Alpha-3)
14-19	Date of Birth (YYMMDD)
20	Check Digit for digits 14-19
21	Gender (M or F)
22-27	Expiration Date of Passport
28	Check Digit for characters 22-27
29-42	Personal Number
43	Check Digit for characters 29-42
44	Check Digit for characters 1-10, 14-20, and 22-43

In addition to an ID Check on a passport number, Integrity can validate a Driver's License number, Personal Identification Number, National Identification Number, and more!

3.2 Error and Match Codes

3.2.1 Error Codes

CODE	DESCRIPTION
2001	Missing Zip/Postal Code
2002	No Account Found
2003	Account Closed
2004	Invalid DOB
2005	Account Not Opened
2006	Invalid Zip/Postal Code
2007	Database Error Occurred
2008	Missing State
2009	DOB out of valid range for verification (i.e. 1/1/1995)
2010	DOB before 1900
2011	Missing or Invalid Verification Data
2012	Missing DOB
2013	Zip/State do not match
2015	Must provide Zip or State
2016	XX: Country Not Supported
2017	ID# Not Submitted
2018	ID Required for this Country
2030	VME is not available
2031	Invalid IP
2032	Invalid ID
2050	Missing or Invalid First Name
2051	Missing or Invalid Last Name
2052	Missing or Invalid Address
2070	Missing or Invalid Contact Phone
2071	Missing or Invalid Contact Email
2072	Missing or Invalid Contact Amount
2073	Missing or Invalid Phone
2074	Missing or Invalid Social Security No.
2079	Missing or Invalid Mobile Number
2080	Missing or Invalid County
2082	Missing or Invalid User IP Address
2999	Invalid Acct Type
2110	E-Sig Failure
4000	Provider Error
4001	Provider Timeout

3.2.2 Match Codes

Match Code	Match Code Description
2	First/Last/Home Address/Home city/Home State/Home Zip/Phone/DOB(mm/dd/yyyy)/ID

3	First/Last/Home Address/Home city/Home State/Home Zip/DOB(mm/dd/yyyy)/ID
4	First/Last/Home Address/Home city/Home State/Home Zip/DOB(mm/dd/yyyy)/SSN4
5	First/Last/Suffix/Mail Address/Mail Zip/DOB(mm/dd/yyyy)
6	First/Last/Home Address/Home city/Home State/Home Zip/Phone4/DOB(mm/dd/yyyy)/ID
10	First/Last/Suffix/Mail Address/Mail Zip/DOB(mm/yyyy)
15	First/Last/Suffix/Mail Address/Mail Zip/DOB(yyyy)
20	First/Last/Suffix/Mail Address/Mail Zip/DOB(yyy)
24	First/Last/Mail Address/Mail Zip/DOB(mm/dd/yyyy)/ID
25	First/Last/Mail Address/Mail Zip/DOB(mm/dd/yyyy)
26	First Initial/Last/Mail Address/Mail Zip/DOB(mm/dd/yyyy)
29	First/Last/Mail Address/Mail Zip/DOB(mm/yyyy)/ID
30	First/Last/Mail Address/Mail Zip/DOB(mm/yyyy)
31	First Initial/Last/Mail Address/Mail Zip/DOB(mm/yyyy)
34	First/Last/Mail Address/Mail Zip/DOB(yyyy)/ID
35	First/Last/Mail Address/Mail Zip/DOB(yyyy)
36	First Initial/Last/Mail Address/Mail Zip/DOB(yyyy)
39	First/Last/Mail Address/Mail Zip/DOB(yyy)/ID
40	First/Last/Mail Address/Mail Zip/DOB(yyy)
41	First Initial/Last/Mail Address/Mail Zip/DOB(yyy)
45	First/Last/Suffix/Home Address/Home Zip/DOB(mm/dd/yyyy)
50	First/Last/Suffix/Home Address/Home Zip/DOB(mm/yyyy)
55	First/Last/Suffix/Home Address/Home Zip/DOB(yyyy)
60	First/Last/Suffix/Home Address/Home Zip/DOB(yyy)
64	First/Last/Home Address/Home Zip/DOB(mm/dd/yyyy)/ID
65	First/Last/Home Address/Home Zip/DOB(mm/dd/yyyy)
66	First Initial/Last/Home Address/Home Zip/DOB(mm/dd/yyyy)
69	First/Last/Home Address/Home Zip/DOB(mm/yyyy)/ID
70	First/Last/Home Address/Home Zip/DOB(mm/yyyy)
71	First Initial/Last/Home Address/Home Zip/DOB(mm/yyyy)
74	First/Last/Home Address/Home Zip/DOB(yyyy)/ID
75	First/Last/Home Address/Home Zip/DOB(yyyy)
76	First Initial/Last/Home Address/Home Zip/DOB(yyyy)
79	First/Last/Home Address/Home Zip/DOB(yyy)/ID
80	First/Last/Home Address/Home Zip/DOB(yyy)
81	First Initial/Middle Initial/Last/Mail Address/Mail Zip/DOB(yyy)
85	First/Last/Suffix/Mail Address/Mail Zip
90	First/Last/Suffix/Home Address/Home Zip
95	First/Last/Mail Address/Mail Zip
96	First/Middle/Last/Home Address/Home city/Home Zip
97	First Initial/Middle/Last/Home Address/Home city/Home Zip

98	First/Last/Home Address/Home city/Home Zip
99	First Initial/Last/Home Address/Home city/Home Zip
100	First/Last/Home Address/Home Zip
102	First Initial/Last/Mail Address/Mail Zip
103	First Initial/Last/Home Address/Home Zip
105	First/Last/Suffix/Mail Zip/Mail Zip4/DOB(mm/dd/yyyy)
110	First/Last/Suffix/Mail Zip/Mail Zip4/DOB(mm/yyyy)
115	First/Last/Suffix/Mail Zip/Mail Zip4/DOB(yyyy)
120	First/Last/Suffix/Mail Zip/Mail Zip4/DOB(yyy)
125	First/Last/Mail Zip/Mail Zip4/DOB(mm/dd/yyyy)
130	First/Last/Mail Zip/Mail Zip4/DOB(mm/yyyy)
135	First/Last/Mail Zip/Mail Zip4/DOB(yyyy)
140	First/Last/Mail Zip/Mail Zip4/DOB(yyy)
144	First/Last/Mail Zip/DOB(mm/dd/yyyy)/ID
145	First/Last/Mail Zip/DOB(mm/dd/yyyy)
149	First/Last/Home Zip/DOB(mm/dd/yyyy)/ID
150	First/Last/Home Zip/DOB(mm/dd/yyyy)
154	First/Last/Mail Zip/DOB(mm/yyyy)/ID
155	First/Last/Mail Zip/DOB(mm/yyyy)
156	First/Last/Gender/Home Zip/DOB(mm/yyyy)
159	First/Last/Home Zip/DOB(mm/yyyy)/ID
160	First/Last/Home Zip/DOB(mm/yyyy)
164	First/Last/Mail Zip/DOB(yyyy)/ID
165	First/Last/Mail Zip/DOB(yyyy)
169	First/Last/Home Zip/DOB(yyyy)/ID
170	First/Last/Home Zip/DOB(yyyy)
174	First/Last/Mail Zip/DOB(yyy)/ID
175	First/Last/Mail Zip/DOB(yyy)
180	First/Last/Home Zip/DOB(yyy)
185	First/Last/Suffix/Mail Zip/Mail Zip4
190	First/Last/Mail Zip/Mail Zip4
195	First Initial/Last/Gender/Mail Zip/DOB(mm/dd/yyyy)
200	First Initial/Last/Gender/Home Zip/DOB(mm/dd/yyyy)
205	First Initial/Last/Gender/Mail Zip/DOB(mm/yyyy)
210	First Initial/Last/Gender/Home Zip/DOB(mm/yyyy)
215	First Initial/Last/Gender/Mail Zip/DOB(yyyy)
220	First Initial/Last/Gender/Home Zip/DOB(yyyy)
225	First Initial/Last/Gender/Mail Zip/DOB(yyy)
230	First Initial/Last/Gender/Home Zip/DOB(yyy)
235	First Initial/Last/Mail Zip/DOB(mm/dd/yyyy)
240	First Initial/Last/Home Zip/DOB(mm/dd/yyyy)

245	First Initial/Last/Mail Zip/DOB(mm/yyyy)
250	First Initial/Last/Home Zip/DOB(mm/yyyy)
255	First Initial/Last/Mail Zip/DOB(yyyy)
260	First Initial/Last/Home Zip/DOB(yyyy)
265	First Initial/Last/Mail Zip/DOB(yyy)
270	First Initial/Last/Home Zip/DOB(yyy)
275	First/Last/Gender/Mail Zip
280	First/Last/Gender/Home Zip
285	Last/Gender/Mail Zip/DOB(mm/dd/yyyy)
290	Last/Gender/Home Zip/DOB(mm/dd/yyyy)
295	Last/Gender/Mail Zip/DOB(mm/yyyy)
300	Last/Gender/Home Zip/DOB(mm/yyyy)
305	Last/Gender/Mail Zip/DOB(yyyy)
310	Last/Gender/Home Zip/DOB(yyyy)
315	Last/Gender/Mail Zip/DOB(yyy)
319	Last/Home Address/Home city/Home Zip
320	Last/Gender/Home Zip/DOB(yyy)
321	Last/Mail Address/Mail Zip
322	Last/Home Address/Home Zip
323	First/Last/Home Address/Home city
324	First Initial/Last/Home Address/Home city
325	First/Last/Mail Zip
326	Last/Home Address/Home city
329	First/Last/Home city/Home Zip
330	First/Last/Home Zip
332	First/Home Address/Home Zip/DOB(mm/dd/yyyy)
333	First/Mail Address/Mail Zip/DOB(mm/dd/yyyy)
334	Last/Mail Address/Mail Zip/DOB(mm/dd/yyyy)
335	Last/Mail Zip/DOB(mm/dd/yyyy)
340	Last/Home Zip/DOB(mm/dd/yyyy)
345	Last/Mail Zip/DOB(mm/yyyy)
350	Last/Home Zip/DOB(mm/yyyy)
355	Last/Mail Zip/DOB(yyyy)
360	Last/Home Zip/DOB(yyyy)
364	Last/Home city/DOB(mm/dd/yyyy)
365	Last/Mail Zip/DOB(yyy)
366	Last/Home city/DOB(mm/yyyy)
367	Last/Home city/DOB(yyyy)
368	First/Last/Home Address/Home city/Home State
369	First Initial/Last/Home Address/Home city/Home State
370	Last/Home Zip/DOB(yyy)

371	Last/Home Address/Home State/DOB(mm/dd/yyyy)
372	First Initial/Last/Gender/Home Address/Home State/DOB(mm/yyyy)
373	First Initial/Last/Gender/Home State/Phone/DOB(mm/dd/yyyy)
374	First/Last/Gender/Home State/Phone/DOB(mm/yyyy)
375	First/Last/Mail State/DOB(mm/dd/yyyy)
376	First/Last/Home Address/Home State
377	First Initial/Last/Home Address/Home State
378	First/Last/Mail Address/Mail State
379	First Initial/Last/Mail Address/Mail State
380	First/Last/Home State/DOB(mm/dd/yyyy)
381	First/Last/Home State/Phone/DOB(mm/dd/yyyy)
382	First/Last/Home State/Phone4/DOB(mm/dd/yyyy)
383	First/Last/Home State/Phone/DOB(mm/yyyy)
384	First/Last/Home State/Phone4/DOB(mm/yyyy)
385	First/Last/Mail State/DOB(mm/yyyy)
386	First/Last/Home State/Phone/DOB(yyyy)
387	First/Last/Home State/Phone4/DOB(yyyy)
388	First Initial/Last/Home State/Phone/DOB(mm/yyyy)
389	First Initial/Last/Home State/Phone4/DOB(mm/yyyy)
390	First/Last/Home State/DOB(mm/yyyy)
391	First Initial/Last/Home State/Phone/DOB(yyyy)
392	First Initial/Last/Home State/Phone4/DOB(yyyy)
393	First Initial/Last/Home Zip/Phone
394	First Initial/Last/Home Zip/Phone4
395	First/Last/Mail State/DOB(yyyy)
396	Last/Home Zip/Phone
397	Last/Home Zip/Phone4
398	First Initial/Last/Phone
399	First Initial/Last/Phone4
400	First/Last/Home State/DOB(yyyy)
405	First/Last/Mail State/DOB(yyy)
410	First/Last/Home State/DOB(yyy)
411	First/Last/Gender/Home State/DOB(mm/dd/yyyy)
412	Last/Gender/Home Address/Home State/DOB(mm/dd/yyyy)
413	First/Last/Gender/Home State/DOB(mm/yyyy)
415	First Initial/Last/Gender/Mail State/DOB(mm/dd/yyyy)
420	First Initial/Last/Gender/Home State/DOB(mm/dd/yyyy)
425	First Initial/Last/Gender/Mail State/DOB(mm/yyyy)
430	First Initial/Last/Gender/Home State/DOB(mm/yyyy)
435	First Initial/Last/Gender/Mail State/DOB(yyyy)
440	First Initial/Last/Gender/Home State/DOB(yyyy)

445	First Initial/Last/Gender/Mail State/DOB(yyy)
450	First Initial/Last/Gender/Home State/DOB(yyy)
455	First Initial/Last/Mail State/DOB(mm/dd/yyyy)
460	First Initial/Last/Home State/DOB(mm/dd/yyyy)
461	First Initial/Last/Home State/Phone/DOB(mm/dd/yyyy)
462	First Initial/Last/Home State/Phone4/DOB(mm/dd/yyyy)
465	First Initial/Last/Mail State/DOB(mm/yyyy)
470	First Initial/Last/Home State/DOB(mm/yyyy)
475	First Initial/Last/Mail State/DOB(yyyy)
480	First Initial/Last/Home State/DOB(yyyy)
485	First Initial/Last/Mail State/DOB(yyy)
490	First Initial/Last/Home State/DOB(yyy)
491	First Initial/Last/Gender/Home Address/Home Zip/DOB(mm/yyyy)
492	First Initial/Last/Gender/Mail Zip/Mail Zip4/DOB(mm/yyyy)
495	First Initial/Last/Gender/Mail Zip
500	First Initial/Last/Gender/Home Zip
505	First Initial/Last/Mail Zip
509	First Initial/Last/Home city/Home Zip
510	First Initial/Last/Home Zip
515	Last/Gender/Mail Zip
520	Last/Gender/Home Zip
525	Gender/Mail Zip/DOB(mm/dd/yyyy)
530	Gender/Home Zip/DOB(mm/dd/yyyy)
535	Gender/Mail Zip/DOB(mm/yyyy)
540	Gender/Home Zip/DOB(mm/yyyy)
545	Gender/Mail Zip/DOB(yyyy)
550	Gender/Home Zip/DOB(yyyy)
555	Gender/Mail Zip/DOB(yyy)
560	Gender/Home Zip/DOB(yyy)
565	Last/Mail Zip
567	Last/Home city/Home Zip
568	First/Last/Home city/Home State
569	First Initial/Last/Home city/Home State
570	Last/Home Zip
571	First/Last/Mail State
572	First/Last/Home State
573	First Initial/Last/Mail State
574	First Initial/Last/Home State
575	Mail Zip/DOB(mm/dd/yyyy)
580	Home Zip/DOB(mm/dd/yyyy)
585	Mail Zip/DOB(mm/yyyy)

590	Home Zip/DOB(mm/yyyy)
595	Mail Zip/DOB(yyyy)
600	Home Zip/DOB(yyyy)
605	Mail Zip/DOB(yyy)
610	Home Zip/DOB(yyy)
611	Home Address/Home Zip/Phone
612	Home Address/Home Zip/Phone4
613	Home Zip/Phone
614	Home Zip/Phone4
615	Home Address/Phone
616	Home Address/Phone4
621	First Initial/Last/DOB(mm/yyyy)
622	First Initial/Last/DOB(yyyy)
623	First/Last/Home city/Home State/DOB(mm/dd/yyyy)
624	First/Last/Home city/Home State/DOB(mm/yyyy)
625	First/Last/Home city/Home State/DOB(yyyy)
627	First Initial/Last/Home city/Home State/DOB(mm/dd/yyyy)
628	First Initial/Last/Home city/Home State/DOB(mm/yyyy)
629	First Initial/Last/Home city/Home State/DOB(yyyy)
650	First/Middle/Last/Home Address/Home city/Home State/Home Zip/DOB(mm/dd/yyyy)
651	First/Last/Home Address/Home city/Home State/Home Zip/DOB(mm/dd/yyyy)
653	First/Last/Home Address/Home city/Home State/Home Zip/DOB(mm/yyyy)
655	First/Last/Home Address/Home city/Home State/Home Zip/DOB(yyyy)
696	First/Last/Home Address/Home city/Home Zip/Phone
697	First Initial/Last/Home Address/Home city/Home Zip/Phone
698	First/Last/Home Address/Home city/Home Zip/Phone4
699	First Initial/Last/Home Address/Home city/Home Zip/Phone4
700	First/Last
701	First/Last/Gender
702	First/Last/Gender/ID
703	First/Last/Gender/Home Address/ID
704	First/Last/Gender/Home Address/Home Zip/ID
705	First/Last/ID
706	First/Last/Home Address
707	Last/Home Address
708	First/Last/Home Zip
709	First/Last/Home Zip/ID
710	Last/ID
711	Last/Home Zip/ID
712	Last/Home Zip/DOB(mm/dd/yyyy)
713	Last/Home Address/DOB(mm/dd/yyyy)

714	Last/Home Address/Home Zip/DOB(mm/dd/yyyy)
715	First/Last/Home city
716	First/Middle/Last
717	First/Middle/Last/Home city
718	First/Middle/Last/Home city/Home Zip
719	First/Middle/Last/Home city/Home State
720	First/Middle/Last/Home State
721	First/Middle/Last/Gender/Home Address/Home city/Home State/Home Zip/ID
722	First/Last/ID
723	First/Last/Phone
724	First/Last/Phone/DOB(mm/dd/yyyy)
725	First/Last/Home Zip/Phone
726	First/Last/Phone4
727	First/Last/Phone4/DOB(mm/dd/yyyy)
728	First/Last/Home Zip/Phone4
729	First Initial/Last/DOB(mm/dd/yyyy)
730	First/Last/DOB(mm/dd/yyyy)
731	First/Last/Home Address/Home Zip/Phone/DOB(mm/dd/yyyy)
732	First/Last/Home Address/Home Zip/Phone/DOB(mm/yyyy)
733	First/Last/Home Address/Home Zip/Phone/DOB(yyyy)
734	First/Last/Mail Address/Mail Zip/Phone/DOB(mm/dd/yyyy)
735	First/Last/Mail Address/Mail Zip/Phone/DOB(mm/yyyy)
736	First/Last/Mail Address/Mail Zip/Phone/DOB(yyyy)
737	First Initial/Last/Home Address/Home Zip/Phone/DOB(mm/dd/yyyy)
738	First Initial/Last/Home Address/Home Zip/Phone/DOB(mm/yyyy)
739	First Initial/Last/Home Address/Home Zip/Phone/DOB(yyyy)
740	First Initial/Last/Mail Address/Mail Zip/Phone/DOB(mm/dd/yyyy)
741	First Initial/Last/Mail Address/Mail Zip/Phone/DOB(mm/yyyy)
742	First Initial/Last/Mail Address/Mail Zip/Phone/DOB(yyyy)
743	First/Last/Home Address/Home Zip/Phone
744	First/Last/Mail Address/Mail Zip/Phone
745	First Initial/Last/Home Address/Home Zip/Phone
746	First Initial/Last/Mail Address/Mail Zip/Phone
747	First/Last/Home Zip/Phone/DOB(mm/dd/yyyy)
748	First/Last/Home Zip/Phone/DOB(mm/yyyy)
749	First/Last/Home Zip/Phone/DOB(yyyy)
750	First/Last/Mail Zip/Phone/DOB(mm/dd/yyyy)
751	First/Last/Mail Zip/Phone/DOB(mm/yyyy)
752	First/Last/Mail Zip/Phone/DOB(yyyy)
753	First Initial/Last/Home Zip/Phone/DOB(mm/dd/yyyy)
754	First Initial/Last/Home Zip/Phone/DOB(mm/yyyy)

755	First Initial/Last/Home Zip/Phone/DOB(yyyy)
756	First Initial/Last/Mail Zip/Phone/DOB(mm/dd/yyyy)
757	First Initial/Last/Mail Zip/Phone/DOB(mm/yyyy)
758	First Initial/Last/Mail Zip/Phone/DOB(yyyy)
759	First/Last/Home Address/Home Zip/Phone4/DOB(mm/dd/yyyy)
760	First/Last/Home Address/Home Zip/Phone4/DOB(mm/yyyy)
761	First/Last/Home Address/Home Zip/Phone4/DOB(yyyy)
762	First/Last/Mail Address/Mail Zip/Phone4/DOB(mm/dd/yyyy)
763	First/Last/Mail Address/Mail Zip/Phone4/DOB(mm/yyyy)
764	First/Last/Mail Address/Mail Zip/Phone4/DOB(yyyy)
765	First Initial/Last/Home Address/Home Zip/Phone4/DOB(mm/dd/yyyy)
766	First Initial/Last/Home Address/Home Zip/Phone4/DOB(mm/yyyy)
767	First Initial/Last/Home Address/Home Zip/Phone4/DOB(yyyy)
768	First Initial/Last/Mail Address/Mail Zip/Phone4/DOB(mm/dd/yyyy)
769	First Initial/Last/Mail Address/Mail Zip/Phone4/DOB(mm/yyyy)
770	First Initial/Last/Mail Address/Mail Zip/Phone4/DOB(yyyy)
771	First/Last/Home Address/Home Zip/Phone4
772	First/Last/Mail Address/Mail Zip/Phone4
773	First Initial/Last/Home Address/Home Zip/Phone4
774	First Initial/Last/Mail Address/Mail Zip/Phone4
775	First/Last/Home Zip/Phone4/DOB(mm/dd/yyyy)
776	First/Last/Home Zip/Phone4/DOB(mm/yyyy)
777	First/Last/Home Zip/Phone4/DOB(yyyy)
778	First/Last/Mail Zip/Phone4/DOB(mm/dd/yyyy)
779	First/Last/Mail Zip/Phone4/DOB(mm/yyyy)
780	First/Last/Mail Zip/Phone4/DOB(yyyy)
781	First Initial/Last/Home Zip/Phone4/DOB(mm/dd/yyyy)
782	First Initial/Last/Home Zip/Phone4/DOB(mm/yyyy)
783	First Initial/Last/Home Zip/Phone4/DOB(yyyy)
784	First Initial/Last/Mail Zip/Phone4/DOB(mm/dd/yyyy)
785	First Initial/Last/Mail Zip/Phone4/DOB(mm/yyyy)
786	First Initial/Last/Mail Zip/Phone4/DOB(yyyy)
787	Home State/Phone
788	Mail State/Phone
789	Phone
790	Last/Home State/Phone
791	Last/Mail State/Phone
792	Last/Home Address/Home Zip/Phone
793	Last/Home State/Phone4
794	Last/Mail State/Phone4
795	Last/mobile

796	First Initial/Last/Home Address
797	Last/Home Address/Phone
798	Last/Home Address/Phone4
799	Last/Phone
800	First/Last/Home Zip/DOB(mm/dd/yyyy)/SSN
801	First/Last/Home Zip/DOB(mm/yyyy)/SSN
802	First/Last/Home Zip/DOB(yyyy)/SSN
803	First/Last/Home Zip/SSN
804	First Initial/Last/Home State/DOB(mm/dd/yyyy)/SSN
805	First Initial/Last/Home State/DOB(mm/yyyy)/SSN
806	Last/Home State/DOB(mm/dd/yyyy)/SSN
807	First/Home State/DOB(mm/dd/yyyy)/SSN
808	Last/Home Zip/SSN
809	Last/Phone/SSN
810	Last/SSN
811	First/Last/SSN
812	Last/DOB(mm/dd/yyyy)/SSN
813	DOB(mm/dd/yyyy)/SSN
814	First/Last/Home Zip/DOB(mm/dd/yyyy)/SSN4
815	First/Last/Home Zip/DOB(mm/yyyy)/SSN4
816	First/Last/Home Zip/DOB(yyyy)/SSN4
817	First/Last/Home Zip/SSN4
818	First Initial/Last/Home State/DOB(mm/dd/yyyy)/SSN4
819	First Initial/Last/Home State/DOB(mm/yyyy)/SSN4
820	Last/Home State/DOB(mm/dd/yyyy)/SSN4
821	First/Home State/DOB(mm/dd/yyyy)/SSN4
822	Last/Home Zip/SSN4
823	Last/Phone/SSN4
824	Last/SSN4
825	First/Last/SSN4
826	Last/DOB(mm/dd/yyyy)/SSN4
827	DOB(mm/dd/yyyy)/SSN4
828	Last/Home Zip/DOB(mm/yyyy)/SSN4
829	First/Home Zip/DOB(mm/yyyy)/SSN4
830	Last/Gender/Home State/DOB(mm/yyyy)/SSN4
831	First/Gender/Home State/DOB(mm/yyyy)/SSN4
832	First/Last/Home State/DOB(mm/dd/yyyy)/SSN4
833	First/Last/Home State/DOB(mm/yyyy)/SSN4
835	Last/Home State/DOB(yyyy)/SSN
836	First Initial/Last/DOB(mm/dd/yyyy)/SSN
837	First Initial/Last/DOB(mm/dd/yyyy)/SSN4

838	First/Last/Home Address/Home Zip/DOB(mm/dd/yyyy)/SSN4
839	First/Last/Home Address/Home Zip/DOB(mm/yyyy)/SSN4
840	First/Last/Home Address/Home Zip/DOB(yyyy)/SSN4
841	First Initial/Last/Home Address/Home Zip/DOB(mm/dd/yyyy)/SSN4
842	First Initial/Last/Home Address/Home Zip/DOB(mm/yyyy)/SSN4
843	First Initial/Last/Home Address/Home Zip/DOB(yyyy)/SSN4
844	Last/Home Address/Home Zip/DOB(mm/dd/yyyy)/SSN4
845	Last/Home Address/Home Zip/DOB(mm/yyyy)/SSN4
846	Last/Home Address/Home Zip/DOB(yyyy)/SSN4
847	First Initial/Last/SSN4
848	First/Last/Home Address/Home Zip/SSN4
849	First Initial/Last/Home Address/Home Zip/SSN4
850	Last/Home Address/Home Zip/SSN4
851	First/Last/Home Address/Home city/Home State/Home Zip/Phone/DOB(mm/dd/yyyy)/SSN4
852	First/Last/Home Address/Home city/Home State/Home Zip/Phone/DOB(mm/yyyy)/SSN4
853	First/Last/Home Address/Home city/Home State/Home Zip/Phone/DOB(yyyy)/SSN4
854	First Initial/Last/Home Address/Home city/Home State/Home Zip/Phone/DOB(mm/dd/yyyy)/SSN4
855	First Initial/Last/Home Address/Home city/Home State/Home Zip/Phone/DOB(mm/yyyy)/SSN4
856	First Initial/Last/Home Address/Home city/Home State/Home Zip/Phone/DOB(yyyy)/SSN4
877	First/Last/Home Address/Home Zip/ID
878	First Initial/Last/Home Address/Home Zip/ID
879	Last/Home Address/Home Zip/ID
880	First/Last/Home State/ID
881	First/Last/Mail State/ID
882	First Initial/Last/Home State/ID
883	First Initial/Last/Mail State/ID
884	Last/Home State/ID
885	Last/Mail State/ID
887	DOB(mm/dd/yyyy)/ID
890	Mail State/ID
895	Home State/ID
896	ID#
900	ID Algorithm – DOB Verified
905	ID Algorithm – Format Verified
1000	First/Last/DOB(mm/dd/yyyy)/ID

Home Address vs. Mail Address
- The **home** address is the address maintained by the government

entity.
- The **mail** address has been U.S. Postal Service standardized.

3.2.3 Supplemental Match Codes for the United Kingdom

MC #	MATCH CODE DESCRIPTION
3000	Home Zip/Home Address/Last/First/DOB(mm/dd/yyyy)
3001	Home Zip/Home Address/Last/DOB(mm/dd/yyyy)
3002	Home Zip/Home Address/Last/First/18+
3003	Home Zip/Home Address/Last/First/DOB(mm/dd/yyyy)/HALO
3004	Home Zip/Home Address/Last/DOB(mm/dd/yyyy)/HALO

3.3 Ireland County Codes

CODE	NAME
CE	Clare
CK	Cork
CN	Cavan
CW	Carlow
DL	Donegal
DN	Dublin
GY	Galway
KE	Kildare
KK	Kilkenny
KY	Kerry
LD	Longford
LH	Louth
LK	Limerick
LM	Leitrim
LS	Laois
MH	Meath
MN	Monaghan
MO	Mayo
OY	Offaly
RN	Roscommon
SO	Sligo
TY	Tipperary
WD	Waterford
WH	Westmeath
WW	Wicklow
WX	Wexford