Best Record Layout

Input Data	Length	Description
Client input data	Varies	Original input data. **Input field names that conflict with output field names will be renamed with an Inp_ prefix**.

Best Address Data	Length	Description
address	48	Delivery address
address2	30	Secondary address
urban	40	Urbanization (for Puerto Rico addresses)
city	28	City name
city13	13	13-character city name as provided by USPS®
state	2	State
zip	10	USPS 10-digit ZIP Code™
zip5	5	USPS 5-digit ZIP Code™
zip4	4	ZIP + 4® or blank if ZIP + 4 not found
dlvpnt	2	Delivery point
crrt	4	Carrier route code
lotno	4	Line of Travel (LOT) number for carrier route mailings
lotord	1	LOT ascending or descending sort flag
status	6	Status/error codes (See Appendix A for status codes and Appendix B for error codes.)
zipflg	1	ZIP Code change flag 1 = ZIP Code not changed, address is in a valid range for input ZIP Code 2 = ZIP Code changed, address is in a valid range for new ZIP Code Blank = ZIP Code could not be validated
lacind	1	LACS^Link® indicator Y = Address might need 911 conversion (from box to street address) N = Address does not need conversion Blank = Address was not assigned (not ZIP + 4 coded)
z4ews	1	EWS consists of records containing partial address information limited to the street name, pre- and post-directionals and a ZIP Code. For an address record to be EWS eligible, it must be an address not present on the most recent monthly production ZIP + 4 file. EWS flag Y = Matched to EWS file N = Not an EWS match
adrtyp	1	Address match type F = Firm G = General delivery H = High-rise apartment or office building M = Military P = Post Office Box™ R = Rural route or highway contract S = Street Blank = Unassigned (not ZIP + 4 coded)
FIPS	5	FIPS place code Number assigned by the US government to each incorporated municipality.
county	3	County Code
ctyname	25	County Name
congdist	3	U.S. Congressional District
RDI	1	Residential Delivery Indicator™ N= Address is nonresidential Y = Address is residential Blank = Address not presented to RDI table (not ZIP + 4 coded)
std_code	2	Flag of '00' to indicate if the address in std_deladr or std_secadr has been truncated. We suggest keeping the input address if this is '00'.
dpv_vacant	1	Vacant indicator Y = Location has been vacant for 90+ days N = Not a vacant address Blank = Record not presented for vacant match (not ZIP + 4 coded)

dpv_flag	1	Indicates whether or not a record matched to the DPV database
		 N = No delivery point validation
		 Y = Delivery point validated; primary number valid and secondary number
		    (when present) valid
		 S = Valid primary number; secondary number (primary for RR) present and
		    not confirmed
		 D = Valid primary number; input missing secondary number (primary for RR)
		 Blank = Record not presented for DPV match (not ZIP + 4 coded)

dpv_cmra	1	Indicates whether or not the address is a Commercial Mail Receiving Agency (CMRA) Y = Address is a CMRA N = Address is not a CMRA Blank = Record not presented for CMRA match (not ZIP + 4 coded)

dpv_ftnts	4	DPV footnotes

dpv_ftnts — 4 — DPV footnotes
- AA = Input address ZIP + 4 match
- A1 = Input address ZIP + 4 not matched
- BB = Input address DPV matched (all components)
- CC = Input address primary number DPV matched, secondary number not DPV matched, secondary number not required
- C1 = Input address primary number DPV matched, secondary number not DPV matched, secondary number required
- F1 = Input address matches a military address
- G1 = Input address matches a general delivery address
- IA = Informed address identified
- M1 = Input address primary number missing
- M3 = Input address primary number invalid
- N1 = Input address primary number DPV matched, secondary number missing, secondary number required
- NL = An NCOA[Link] move address cannot be DPV confirmed. A return code of NL means that the NCOA[Link] directory data does not exactly match the DPV directory data. This may happen because the NCOA[Link] directories are updated more frequently than the DPV directories.
- PB = Identified PO Box Street Address
- P1 = Input address missing PO, RR, or HC Box number
- P3 = Input address PO, RR, or HC Box number invalid
- RR = Input address DPV matched to CMRA
- R1 = Input address DPV matched to CMRA but PMB number not present
- R7 = Address assigned to phantom route R777 or R779
- TA = Input address primary number DPV matched by dropping trailing alpha
- U1 = Input address matches a unique address

dpv_dna — 1 — DPV Door Not Accessible Indicator
- Y = Carrier cannot access the mail receptacle or door
- N = Address is not flagged as door not accessible
- Blank = Address not presented to DNA table (not ZIP + 4 coded)

dpv_nsl — 1 — DPV No Secure Location Indicator   There is no security at the address. Examples of this include no one at the address to collect the mail, storefront does not have a mail receptacle, business is closed on certain days.
- Y = Address is flagged as DPV NSL
- N = Address is not flagged as DPV NSL
- Blank = Address not presented to DPV NSL table (not ZIP + 4 coded)

dpv_pobop — 1 — DPV PO Box Only Postcode Indicator
- Y = ZIP Code is for a PO Box only zone
- N = ZIP Code is not for a PO Box only zone
- Blank = Address not presented to PO Box Only table (ZIP Code not assigned)

dpv_tback — 1 — DPV PO Box Throwback Indicator   Identifies street addresses where the delivery point is a street address but mail delivery is to the customer PO Box address.
- Y = Address is a DPV PO Box Throwback
- N = Address is not a DPV PO Box Throwback
- Blank = Address not presented to DPV Throwback table (ZIP Code not assigned)

dpv_ndd — 1 — DPV Non-Delivery Day Indicator
- Y = There are days when there is no mail delivery
- N = Address is not flagged as having non-delivery days
- Blank = Unable to determine if there are days when there is no mail delivery

dpv_nddday — 7 — DPV Non-Delivery Day List
If DPV_NDD = N or blank, this field will be blank.
If DPV_NDD = Y, this field will be populated with Y for non-delivery days and N for delivery days as follows:
- 1st Character (Sunday)
- 2nd Character (Monday)
- 3rd Character (Tuesday)
- 4th Character (Wednesday)
- 5th Character (Thursday)
- 6th Character (Friday)
- 7th Character (Saturday)
Example: YNNNNNY indicates mail is delivery Monday through Friday, but not on Saturday or Sunday

dpv_enstat — 1 — DPV Enhanced Status Indicator
- D = Address was DPV confirmed for the primary number only. Secondary information was missing
- N = Both primary and secondary number (if present) failed to DPV confirm
- R = Address confirmed but assigned to phantom route R777 or R779 and USPS delivery is not provided
- S = Address was DPV confirmed for the primary number only, the secondary number was present but invalid or a single trailing alpha on a primary number was dropped to make a DPV match, and secondary information is required.
- Y = Address was DPV confirmed for both primary and secondary numbers necessary to determine a valid delivery point
- Blank = Address was not presented to DPV table (not ZIP + 4 coded)

dpv_pbsa — 1 — DPV PO Box as Street Address Indicator
- Y = Address is a PO Box representd as a Street Address
- N = Address is not a PO Box representd as a Street Address
- Blank = Address not presented to PBSA table (not ZIP + 4 coded)

dpv_dropin — 1 — DPV Drop Indicator
- Y = Address received mail as part of a drop
- N = Address is not flagged as having mail delivered to a single receptacle at a site
- Blank = Address not presented to Drop Indicator table (not ZIP + 4 coded)

dpv_nostat	1	DPV NoStat Indicator If an address is flagged as No Stat the USPS has found one of the following cases: vacant property, address receives mail as a part of a drop, or address does not have established delivery yet.	
		Y = Address is flagged as DPV NoStat	
		N = Address is not flagged as DPV NoStat	
		Blank = Address not presented to DPV NoStat table (not ZIP + 4 coded)	
dpv_nstatr	2	DPV NoStat Reason Code	
		01 = Internal Drop Address. Address does not receive mail delivery directly from the USPS. The USPS delivers to a drop location that services this address.	
		02 = The delivery is new construction and delivery has not been established or on a Rural/CDS/HCR where the delivery point is unoccupied for more than 90 days.	
		03 = Address does not DPV confirm	
		04 = College/Military Zone and Other types	
		05 = Address is no longer a possible delivery, the address is on an R777 route, or the PO Box has never been rented or has been declared un-rentable, or the NoStat reason is no one of the other reasons.	
		06 = Address has incorrect secondary or missing secondary and secondary information is required.	
lac_rtncod	2	USPS LACS^{Link} return codes	
		A = LACS^{Link} record match, a converted address is provided in the standardized address data fields	
		00 = No match, and no converted address	
		09 = LACS^{Link} matched an input address to an old address, which is a 'highrise default' address, no new address is provided	
		14 = Found LACS^{Link} record, but could not convert the data to a deliverable address	
		92 = LACS^{Link} record matched after dropping the secondary number from input	
		Blank = Record not presented for LACS^{Link} match	
ste_rtncd	2	USPS Suite^{LinkTM} return codes	
		A = Suite^{Link} record match, suite information is added to the standardized address	
		00 = No match, and no suite information added	
		Blank = Record not presented for Suite^{Link} match	
out_resvd	50	Reserved space (future use)	
COA Data	**Length**	**Description - filled only when NCOA^{Link} and/or PCOA is requested**	
coa_movdat	6	Date NCOA^{Link} move became effective (YYYYMM format)	
coa_movtyp	1	Type of match made to NCOA^{Link} database	
		B = Business	
		F = Family	
		I = Individual	
		P = Proprietary change-of-address (if optional service requested)	
		R = LACS^{Link}	
		S = Suite^{Link}	
coa_dlvcod	1	USPS NCOA^{Link} Delivery Code	
		New Address is provided only for records with code "M", "S", "T" or "L"	
		M = Forwardable move	
		S = Forwardable move, secondary address cannot be confirmed	
		K = Moved, left no forwarding address	
		G = PO Box^{TM} closed	
		F = Moved to a foreign address	
		P = Temporary move, or moved and new primary address can not be confirmed or converted to a deliverable address; no forwarding address provided	
		L = LACS^{Link} conversion	
		T = Suite^{Link} match	
		1 = PCOA match	
coa_chgind	1	Change flag New address provided for records with "A" only	
		A = New address provided (forwardable move, LACS^{Link} conversion or Suite^{Link} match)	
		B = Possible move	
		C = No match	
		D = Moved; no new address available	
coa_rtncod	2	USPS NCOA^{Link} Return Codes. See Appendix C for codes.	
coa_name	40	Name used for matching	
coa_resvd	50	Reserved space (future use)	
DSF$^{2®}$ Data	**Length**	**Description - filled only when DSF^{2} is requested**	
dsf2wlkseq	8	Walk sequence number	
dsf2adrtyp	1	Address type	
		B = Business	
		R = Residential	
		G = General delivery	
		U = Undetermined	
		Blank = Non-match to Delivery Sequence File	
dsf2eduind	1	Educational indicator	
		Y = Address is an educational institution	
		N = Address is not an educational institution	
		Blank = No lookup attempted	

                       Specifications subject to change without notice.

dsf2dlvtyp	1	Delivery type code
		1 = Curb - A delivery point with a mail receptacle located at the curb
		2 = NDCBU - A delivery point that is serviced by cluster boxes, also known as Neighborhood Delivery and Collection Box Units (NDCBU) assigned to a bank of boxes or floors
		3 = Central - A delivery point within a building that has two or more ZIP + 4 codes
		4 = Door slot - A delivery point not serviced by Curb, NDCBU or Central
		Blank = Non-match to Delivery Sequence File
dsf2vacant	1	Vacant indicator
		Y = Location has been vacant for 90+ days
		N = Not a vacant address
		Blank = Record not presented for vacant match (not ZIP + 4 coded)
dsf2season	1	Seasonal indicator
		Y = Seasonal address
		N = Not a seasonal address
		Blank = Record not presented for seasonal match (not ZIP + 4 coded)
dsf2thrwbk	1	Throwback indicator
		Y = PO Box Delivery. The address associated with this delivery point is a street address, however delivery is only made to the customer's PO Box address. DSF² will not cross-reference the street address to the appropriate PO Box. The USPS may not deliver mail addressed for the street delivery point to the PO Box unless the PO Box is also included in the address.
		N = Not a throwback address
		Blank = Record not presented to Delivery Sequence File (not ZIP + 4 coded)
dsf2drpind	1	Delivery point drop indicator
		The delivery point drop indicator specifies whether or not a delivery point is a drop site. A drop is a single delivery point or receptacle that services multiple families and/or businesses. The site distributes mail for a drop site internally. Commercial mailbox companies or Commercial Mail Receiving Agencies (CMRA's) are also classified as drop sites because the carrier delivers the mail to one point, and the company distributes mail to specific boxes.
		Y = Delivery point is a drop
		N = Delivery point is not a drop
		Blank = Record not presented to Delivery Sequence File (not ZIP + 4 coded)
dsf2drpcnt	3	Number of deliveries at the drop
dsf2nostat	1	USPS No Stat indicator
		Y = Update may be needed within the USPS delivery database
		N = No update needed within the USPS delivery database
		Blank = Record not presented to Delivery Sequence File (not ZIP + 4 coded)
dsf2score	2	Mail Score
		1 = Address matched to the DSF² file
		2 = Address marked as a seasonal address
		3 = Primary address matched the DSF² file. However, the secondary address did not match to the DSF² file. This address may or may not be deliverable.
		4 = Address did not match the DSF² file. Primary information is missing or invalid and prevented a direct match to the DSF² file. Record may be undeliverable.
		5 = This score is not currently used
		6 = Address marked as being vacant for 90 or more days. Address information is accurate but is undeliverable.
		7 = Address fields may be incomplete or contain data that cannot match to the Delivery Sequence and ZIP + 4 files.
dsf_resvd	4	Reserved space (future use)
Geocode Data	**Length**	**Description - filled only when geocoding service is requested**
latitude	10	Latitude Degrees north of the Equator in the format "12.123456"
longitude	11	Longitude Degrees east of the Greenwich Meridian in the format "-12.123456"
gc_tract	6	Census Tract Statistical subdivision of a county or an equivalent area.
gc_blkgrp	1	Block Group First digit of the Census Block. Statistical division of Census Tract.
gc_block	4	Census Block Small area bounded by visible and/or invisible features.
gc_placecd	5	FIPS place code Number assigned by the U. S. government to each incorporated municipality. This field is only returned with address level geocoding, and only populated for address level matches.
gc_mcd	6	Census Bureau Minor Civil Division (MCD) data, or if MCD data is unavailable, Census County Division (CCD) data This field is only returned with address level geocoding, and only populated for address level matches.
gc_level	1	Level of geocode match
		A = Address match
		9 = 9-digit match in centroid
		7 = 7-digit match in centroid
		5 = 5-digit match in centroid
		0 = No match found
		Blank = Address not presented for Geocode match
Telephone	**Length**	**Description - filled only when telephone service is requested**
out_phone	10	Phone number
Optional Flags	**Length**	**Description - filled only when optional services are requested**
opt_flags	8	Optional return codes
		A = Advanced Address Correction
		U = Apartment/unit number corrected or appended
		B or P = Proprietary change of address

Specifications subject to change without notice.

Suppression Flags	Length	Description - filled only when suppression services are requested
supp_flags	10	Suppression & duplicate match flags A = Deceased B = DMA Do not mail C = Prison D = Duplicate record E = Keep record F = Non duplicate

Gender Flag	Length	Description
gender	1	Gender code F = Female M = Male U = Unknown/undetermined Blank = No input name

Specifications subject to change without notice.

Appendix A

A status code tells you how an address was corrected or standardized. The code contains six characters, and each character tells you something about how the record was changed.

Value	What Changed
1st Character	
S	Nothing was truncated
A	The address line was truncated to fit in your field
B	The address line and city name were truncated to fit in your fields
C	The city name was truncated to fit in your field
2nd Character	
0	No significant change to the city, state, ZIP^{TM}, or ZIP + 4
1	ZIP
2	City
3	City and ZIP
4	State
5	State and ZIP
6	City and state
7	City, state, and ZIP
8	ZIP + 4
9	ZIP and ZIP + 4
A	City and ZIP + 4
B	City, ZIP, and ZIP + 4
C	State and ZIP + 4
D	State, ZIP, and ZIP + 4
E	City, state, and ZIP + 4
F	City, state, ZIP and ZIP + 4
3rd Character	
0	No significant change to the predirectional, primary (street) name, postdirectional, or suffix
1	Suffix
2	Predirectional
3	Predirectional and suffix
4	Postdirectional
5	Suffix and postdirectional
6	Predirectional and postdirectional
7	Predirectional, suffix, and postdirectional
8	Primary name
9	Primary name and suffix
A	Predirectional and primary name
B	Predirectional, primary name, and suffix
C	Primary name and postdirectional
D	Primary name, suffix, and postdirectional
E	Predirectional, primary name, and postdirectional
F	Predirectional, primary name, postdirectional, and suffix
4th Character	
0	No change in county, carrier route, DP2 and/or DPC, or unit designator
1	Unit designator
2	DP2 and/or DPC
3	DP2 and/or DPC and unit designator
4	Carrier route
5	Carrier route and unit designator
6	Carrier route, and DP2, and/or DPC
7	Carrier route, and DP2 and/or DPC, and unit designator
8	County number
9	County number and unit designator
A	County number, and DP2, and/or DPC
B	County number, DP2 and/or DPC, and unit designator
C	County number and carrier route
D	County number, carrier route, and unit designator
E	County number, carrier route, and DP2, and/or DPC
F	County number, carrier route, and DP2 and/or DPC, and unit designator
5th Character	
0	No change to the LOT (line of travel), LOT Order (line of travel order), or Urb (Urbanization code)
1	LOT
2	LOT Order
3	LOT and LOT Order
4	Urb
5	Urb and LOT
6	Urb and LOT Order
7	Urb, LOT, and LOT Order
6th Character	
n/a	This character is reserved for future expansion of the status code. It will always be zero.

                   Specifications subject to change without notice.

Appendix B

Error Codes

Code	Description
E101	The data contains either 1) no last-line data at all, 2) only a city name, or 3) only a state. There is not enough last-line data to justify going any further with the assignment process.
E194	Failure to match to Unique ZIP Code. ZIP Code, directional, street suffix, or primary number may be missing or invalid.
E212	The input data does not include a recognizable city name, so look-up in the City directory is impossible. The input data includes a ZIP Code, but no match for it can be found in the ZCF directory. This error does not indicate whether or not the state data is valid.
E213	The input data includes a valid state and something that might be a city name, but no match for them can be found in the City directory. The input data does not include a ZIP Code, so no look-up in the ZCF directory is possible.
E214	The input data includes something that might be a city name, and something that might be a ZIP Code. However, both of them are invalid, because no match for either of them can be found in the City and ZCF directories.
E216	The input data may or may not include a ZIP Code. If a ZIP is input, no match for it can be found in the ZCF directory. When looking up the input city and state in the city directory, the software finds two or more matching cities in the state. Because the input ZIP is invalid or missing, the software cannot break the tie between possible city matches, nor determine which ZIP to assign.
E302	Nothing in the input record is recognized as a primary address line.
E412	No match for the input street name can be found in the ZIP+4 directory. Perhaps the street name is misspelled or incorrectly abbreviated. If the input address line contains extraneous data that might be interpreted as a part of the street name, this also can result in E412.
E413	The ZIP+4 directory contains two or more street names that resemble the input street name. However, the resemblance between potential matches is so close that one cannot be chosen.
E420	Nothing in the input address line is recognized as a primary range (house number). This may mean that the primary range truly is missing, or that it cannot be recognized.
E421	According to the ZIP+4 directory, the input primary range (house number) is invalid. That is, it does not fall within any of the ranges listed for that street, route, or building.
E422	The ZIP+4 directory indicates that a predirectional is required to choose between possible matches. However, either the input data does not include a predirectional, or the input predirectional is invalid (not among those listed for the street).
E423	The ZIP+4 directory indicates that a suffix is required to choose between possible matches. However, either the input data does not include a suffix, or the input suffix is invalid (not among those listed for the street).
E425	The ZIP+4 directory indicates that both a suffix and a directional are required to choose between possible matches. However, either the input data does not include a suffix and directional, or the input suffix and directional are invalid (not among those listed for the street).
E427	The ZIP+4 directory indicates that a postdirectional is required to choose between possible matches. However, either the input data does not include a postdirectional, or the input postdirectional is invalid (not among those listed for the street).
E428	The input ZIP is missing or invalid. The City directory shows that the input city/state covers two or more ZIP Codes. The ZIP+4 directory has matches for the address line in at least two of those ZIP Codes. The software can't use the invalid input ZIP to break the tie on the address line, nor use the address line to choose a valid ZIP.
E429	The input city name is missing or invalid. The ZCF directory shows that the input ZIP applies to two or more city names. The ZIP+4 directory has matches for the address line in at least two of those cities. The software can't use the input city to break the tie on the address line, nor use the address line to choose a city name.
E430	The ZIP+4 directory contains two or more address lines that resemble the input address line. However, the similarity between potential matches is so close that one cannot be chosen over another.
E431	The ZIP+4 directory contains two or more address lines that resemble the input address line. To break the tie, the Puerto Rican urbanization is needed. However, either the input address does not include an urbanization, or the input urbanization is incorrect.
E439	Exact match made in EWS directory.
E500	E500 is a catch-all error code assigned when no more specific code can be assigned. Usually it indicates that no potential match meets the minimum confidence level, or that there is an unresolved tie between two or more potential matches.
E501	The address is foreign—that is, not within the domestic U.S., territories, or possessions.
E502	All of the fields used in address look-up are blank. There may be data in non-address fields.
E503	The input address lies outside the area covered by the ZIP+4 directory. This error usually occurs when a state or regional ZIP+4 directory is being used, or a custom directory created through the Extract utility. E503 should not occur when using the National directory (zip4us.dir). If it does, it may mean that you have found a conflict between the City and ZCF directories and the National directory. You should report it to your Address Management Systems Office by sending them an e-mail (amsssupport.ncsc@usps.gov).
E504	The address line matches at least two ZIP+4 records. The ranges of those ZIP+4 records overlap, and the software cannot break the tie. E504 indicates a flaw in the ZIP+4 database. You should report it to your Address Management Systems Office by sending them an e-mail (amssupport.ncsc@usps.gov).
E505	The record matches an undeliverable default record. If further information were provided, such as secondary address data or firm name, the address would have been assigned.
E600	According to the USPS, no delivery to this address is possible. The address is listed in the ZIP+4 directory, but the record is tagged as undeliverable by the USPS. Most often, it might be a cemetery, parking ramp, or condemned building. E600 is unusual because it indicates a successful match to the ZIP+4 directory. All other error codes mean that there was no match. Undeliverable addresses are tagged as "errors" for the convenience of users who suppress mailing to "bad" addresses—unassigned and undeliverable records.
E601	Not a valid delivery point. ZIP+4 removed.
Note:	Some addresses that are valid may be marked incorrectly as undeliverable. This is caused by an error in the USPS data. If you find such an address, you should report it to your Address Management Systems Office by sending them an e-mail (amssupport.ncsc@usps.gov).

Appendix C

NCOA^{Link} Return Codes

A = COA match
The input record matched to a business, individual or family type master file record. A new address could be returned.

00 = No match
The input record could not be matched to a master file record. A new address could not be returned.

01 = Found COA: Foreign move
The input record matched to a business, individual or family type master file record but the new address was outside USPS delivery area.

02 = Found COA: Moved left no address (MLNA)
The input record matched to a business, individual or family type master file record and the new address was not provided to USPS.

03 = Found COA: Box closed no order (BCNO)
The input record matched to a business, individual or family type master file record which contains an old address of PO Box that has been closed without a forwarding address provided.

04 = Cannot match COA: Street address with secondary
In the Standard mode utilizing Family matching logic, the input record matched to a family record type on the master file with an old address that contained secondary information which obtained a ZIP + 4 street level match. The input record does not contain secondary information. This address match situation requires individual name matching logic to obtain a match and individual names do not match.

05 = Found COA: New 11-digit DPBC is ambiguous
The input record matched to a business, individual or family type master file record. The new address on the master file record could not be converted to a deliverable address because the DPBC represents more than one delivery point.

06 = Cannot match COA: Conflicting directions: Middle name related
There is more than one COA (individual or family type) record for the match algorithm and the middle names or initials on the COAs are different. Therefore, a single match result could not be determined.

07 = Cannot match COA: Conflicting directions: Gender related
There is more than one COA (individual or family type) record for the match algorithm and the genders of the names on the COAs are different. Therefore, a single match result could not be determined.

08 = Cannot match COA: Other conflicting instructions
The input record matched to two master file (business, individual or family type) records. The two records in the master file were compared and due to differences in the new addresses, a match could not be made.

09 = Cannot match COA: High-rise default
The input record matched to a family record on the master file from a high-rise address ZIP + 4 coded to the building default. This address match situation requires individual name matching logic to obtain a match and individual names do not match.

10 = Cannot match COA: Rural default
The input record matched to a family record on the master file from a Rural Route or Highway Contract Route address ZIP + 4 coded to the route default. This address situation requires individual name matching logic to obtain a match and individual names do not match.

11 = Cannot match COA: Individual match: Insufficient COA name for match
There is a master file (individual or family type) record with the same surname and address but there is insufficient name information on the master file record to produce a match using individual matching logic.

12 = Cannot match COA: Middle name test failed
The input record matched to an individual or family record on the master file with the same address and surname. However, a match cannot be made because the input name contains a conflict with the middle name or initials on the master file record.

13 = Cannot match COA: Gender test failed
The input record matched to a master file (individual or family type) record. A match cannot be made because the gender of the name on the input record conflicts with the gender of the name on the master file record.

14 = Found COA: New address would not convert at run time
The input record matched to a master file (business, individual or family type) record. The new address could not be converted to a deliverable address.

15 = Cannot match COA: Individual name insufficient
There is a master file record with the same address and surname. A match cannot be made because the input record does not contain a first name or contains initials only.

16 = Cannot match COA: Secondary number discrepancy.

The input record matched to a street level individual or family type record. However, a match is prohibited based on 1 of the following reasons: 1) There is conflicting secondary information on the input and master file record; 2) the input record contained secondary information and matched to a family record that does not contain secondary information. In item 2, this address match situation requires individual name matching logic to obtain a COA match and individual names do not match.

17 = Cannot match COA: Other insufficient name
The input record matched to an individual or family master file record. The input name is different or not sufficient enough to produce a match.

18 = Cannot match COA: General delivery
The input record matched to a family record on the master file from a General Delivery address. This address situation requires individual name matching logic to obtain a match and individual names do not match.

19 = Found COA: New Address not ZIP + 4 coded.

New address primary number not DPV confirmable or Temporary Change Of Address. There is a change of address on file but the new address cannot be ZIP + 4 coded and therefore there is no 11-digit DPBC to store or return, the new address primary number cannot be confirmed on DPV or the new address is temporary

20 = Cannot match COA: Conflicting directions after re-chaining
Multiple master file records were potential matches for the input record. The master file records contained different new addresses and a single match result could not be determined.

66 = Daily delete
The input record matched to a business, individual or family type match that is present in the daily delete file. No change is returned. Records in the daily delete file are pending deletion. Reasons include the following: move was filed as family when it should have been individual, move filed that should not have been, mistakes in data provided to the USPS.

91 = COA Match: Secondary number dropped from COA
The input record matched to a master file record. The master file record had a secondary number and the input address did not. The record is a ZIP + 4 street level match.

92 = COA Match: Secondary number dropped from input address
The input record matched to a master file record, but the input address had a secondary number and the master file record did not. The record is a ZIP + 4 street level match.

                   Specifications subject to change without notice.