## NCOA ${ }^{\text {Link® }}$ Layout 800

| Input Data | Begin | End | Length | Description |
| :---: | :---: | :---: | :---: | :---: |
| Client input data | 1 | 200 | 200 | Original input data padded to 200 characters. For lists with a record length greater than 200 characters, the original input data will be padded to the next higher multiple of 100. All subsequent fields will be moved accordingly. |
| Standardized Data | Begin | End | Length | Description |
| std_deladr | 201 | 248 | 48 | Delivery address |
| std_secadr | 249 | 278 | 30 | Secondary address |
| std_urban | 279 | 318 | 40 | Urbanization (for Puerto Rico addresses) |
| std_city | 319 | 346 | 28 | City name |
| std_city 13 | 347 | 359 | 13 | 13-character city name as provided by USPS ${ }^{\oplus}$ |
| std_state | 360 | 361 | 2 | State |
| std_zip | 362 | 366 | 5 | USPS 5-digit ZIP Code ${ }^{\text {TM }}$ |
| std_zip4 | 367 | 370 | 4 | ZIP $+4^{\oplus}$ or blank if ZIP + 4 not found |
| std_dlvpnt | 371 | 372 | 2 | Delivery point |
| std_chkdgt | 373 | 373 | 1 | Legacy check digit |
| std_crrt | 374 | 377 | 4 | Carrier route code |
| std_lotno | 378 | 381 | 4 | Line of Travel (LOT) number for carrier route mailings |
| std_lotord | 382 | 382 | 1 | LOT ascending or descending sort flag |
| std_status | 383 | 388 | 6 | Status/error codes (See Appendix A for status codes and Appendix B for error codes) |
| std_zipflg | 389 | 389 | 1 | ZIP Code change flag <br> 1 = ZIP Code not changed, address is in a valid range for input ZIP Code <br> 2 = ZIP Code changed, address is in a valid range for new ZIP Code <br> Blank = ZIP Code could not be validated |
| std_lacind | 390 | 390 | 1 | ```LACS }\mp@subsup{}{}{\mathrm{ 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)``` |
| std_z4ews | 391 | 391 | 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. <br> EWS flag <br> Y = Matched to EWS file <br> $\mathrm{N}=$ Not an EWS match |
| std_adrtyp | 392 | 392 | 1 | ```Address match type F = Firm G = General delivery \(\mathrm{H}=\) High-rise apartment or office building M = Military \(\mathrm{P}=\) Post Office Box \({ }^{\text {TM }}\) \(R=\) Rural route or highway contract S = Street Blank = Unassigned (not ZIP + 4 coded)``` |
| std_aptind | 393 | 393 | 1 | National Deliverability Index (NDI) scoring for apartment addresses <br> 1 = Apartment address without apartment number <br> 2 = Apartment address with apartment number (Affirmed) <br> Blank = Not an apartment address |
| std_rrind | 394 | 394 | 1 | ```National Deliverability Index (NDI) scoring for RR/HC addresses 1 = RR/HC address without Box number 2 = RR/HC address with Box number (Affirmed) Blank = Not a RR/HC address``` |
| std_rsvd2 | 395 | 397 | 3 | U.S. Congressional District |
| std_cntycd | 398 | 400 | 3 | Three digit county code |
| std_code | 401 | 402 | 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 | 403 | 403 | 1 | Vacant indicator <br> $\mathrm{Y}=$ Location has been vacant for $90+$ days <br> $\mathrm{N}=$ Not a vacant address <br> Blank = Record not presented for vacant match (not ZIP + 4 coded) |
| $\overline{d p v \_f l a g ~}$ | 404 | 404 | 1 | Indicates whether or not a record matched to the DPV database <br> $\mathrm{Y}=$ Delivery point validated; primary number valid and secondary number (when present) valid <br> $\mathrm{D}=$ Valid primary number; input missing secondary number (primary for RR) <br> $\mathrm{S}=$ Valid primary number; secondary number (primary for RR) present and not confirmed, or a single trailing alpha on a primary number was dropped to make a DPV match <br> $\mathrm{N}=$ No delivery point validation <br> Blank = Record not presented for DPV match (not ZIP + 4 coded) |


| dpv_cmra | 405 | 405 | 1 | Indicates whether or not the address is a Commercial Mail Receiving Agency (CMRA) <br> $\mathrm{Y}=$ Address is a CMRA <br> $\mathrm{N}=$ Address is not a CMRA <br> Blank = Record not presented for CMRA match (not ZIP +4 coded) |
| :---: | :---: | :---: | :---: | :---: |
| dpv_ftnts | 406 | 417 | 12 | ```DPV footnotes AA = Input address ZIP + 4 match A1 = Input address ZIP + 4 not matched \(\mathrm{BB}=\) 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 DPV primary number matched, secondary number missing, secondary number required \(\mathrm{PB}=\) 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``` |
| lac_rtncod | 418 | 419 | 2 | USPS LACS ${ }^{\text {Link }}$ return codes <br> $A=$ LACS $^{\text {Link }}$ record match, a converted address is provided in the standardized address data fields <br> $00=$ No match, and no converted address <br> $09=$ LACS $^{\text {Link }}$ matched an input address to an old address, which is a 'highrise default' address, no new address is provided <br> $14=$ Found LACS ${ }^{\text {Link }}$ record, but could not convert the data to a deliverable address <br> $92=$ LACS $^{\text {Link }}$ record matched after dropping the secondary number from input <br> Blank $=$ Record not presented for LACS ${ }^{\text {Link }}$ match |
| ste_rtncd | 420 | 421 | 2 | USPS Suite ${ }^{\text {LinkTM }}$ return codes <br> A = Suite ${ }^{\text {Link }}$ record match, suite information is added to the standardized address <br> $00=$ No match, and no suite information added <br> Blank = Record not presented for Suite ${ }^{\text {Link }}$ match |
| std_resvd |  | 46 |  | Reserved space (future use) |
| COA Data | Beg | En | Length | Description |
| coa_deladr | 468 | 515 | 48 | Delivery address |
| coa_urban | 516 | 555 | 40 | Urbanization (for Puerto Rico addresses) |
| coa_city | 556 | 583 | 28 | City name |
| coa_city 13 | 584 | 596 | 13 | 13-character city name as provided by USPS |
| coa_state | 597 | 598 | 2 | State |
| coa_zip | 599 | 603 | 5 | ZIP Code |
| coa_zip4 | 604 | 607 | 4 | ZIP + 4 |
| coa_dlvpnt | 608 | 609 | 2 | Delivery point |
| coa_chkdgt | 610 | 610 | 1 | Legacy check digit |
| coa_crrt | 611 | 614 | 4 | Carrier route code |
| coa_lotno | 615 | 618 | 4 | Line of Travel (LOT) number for carrier route mailings |
| coa_lotord | 619 | 619 | 1 | LOT ascending or descending sort flag |
| coa_lacind | 620 | 620 | 1 | ```LACS \(^{\text {Link }}\) flag \(\mathrm{Y}=\) Address converted by LACS \({ }^{\text {Link }}\) \(N=\) Address looked up with LACS \({ }^{\text {Link }}\) but not converted \(\mathrm{S}=\mathrm{A} \mathrm{LACS}^{\text {Link }}\) conversion was made, but it was necessary to drop the secondary information Blank = Record not presented for LACS \({ }^{\text {Link }}\) match``` |
| coa_adrtyp | 621 | 621 | 1 | ```Address match type F = Firm G = General delivery \(\mathrm{H}=\) High-rise apartment or office building M = Military P = Post Office Box \(R=\) Rural route or highway contract S = Street Blank = Unassigned``` |
| coa_resvd1 | 622 | 630 | 9 | U.S. Congressional District for new address |
| coa_movdat | 631 | 636 | 6 | Date $\mathrm{NCOA}^{\text {Link }}$ or PCOA move became effective (YYYYMM format) |


| coa_movtyp | 637 | 637 | 1 | ```Type of match made to \(\mathrm{NCOA}^{\text {Link }}\) or PCOA database \(B=\) Business F = Family I = Individual \(\mathrm{P}=\) Proprietary change-of-address (if optional service requested) R \(=\) LACS \(^{\text {Link }}\) \(S=\) Suite \(^{\text {Link }}\)``` |
| :---: | :---: | :---: | :---: | :---: |
| coa_dlvcod | 638 | 638 | 1 | USPS NCOA ${ }^{\text {Link }}$ Delivery Code <br> New Address is provided only for records with code "M", "S", "T" or "L" <br> M = Forwardable move <br> $\mathrm{S}=$ Forwardable move, secondary address cannot be confirmed <br> $\mathrm{K}=$ Moved, left no forwarding address <br> $\mathrm{G}=\mathrm{PO} \mathrm{Box}^{\mathrm{TM}}$ closed <br> $\mathrm{F}=$ Moved to a foreign address <br> $\mathrm{P}=$ Temporary move, or moved and new primary address can not be confirmed or converted to a deliverable address; no forwarding address provided <br> L $=$ LACS $^{\text {Link }}$ conversion <br> $\mathrm{T}=$ Suite $^{\text {Link }}$ match <br> or PCOA confidence code if a new address was provided from PCOA processing <br> $1=$ PCOA forwardable move; high confidence <br> 2 =PCOA forwardable move; confident <br> 3 =PCOA forwardable move; less confident* <br> 4 =PCOA forwardable move; low confidence* <br> * Before using an updated address with PCOA code 3 or 4, we recommend using an additional method of validation (e.g., phone call, email) to confirm accuracy. |
| coa_chgind | 639 | 639 | 1 | Change flag. New address provided for records with "A" only <br> A = New address provided (forwardable move, LACS ${ }^{\text {Link }}$ update or Suite ${ }^{\text {Link }}$ match) <br> B = Possible move <br> C = No match <br> D = Moved; no new address available |
| coa_rtncod | 640 | 641 | 2 | USPS NCOA ${ }^{\text {Link }}$ Return Codes. See Appendix C for codes. This field is not altered during PCOA processing and may reflect that a non-forwardable move was found during NCOA ${ }^{\text {Link }}$ processing prior to finding a forwardable move during PCOA processing. |
| coa_cmra | 642 | 642 | 1 | Indicates whether or not the new address is a Commercial Mail Receiving Agency (CMRA) <br> $\mathrm{Y}=$ New address is a CMRA <br> $\mathrm{N}=$ New address is not a CMRA <br> Blank = Record not presented for CMRA match |
| coa_resvd2 | 643 | 651 | 9 | Reserved space (future use) |
| coa_name | 652 | 691 | 40 | Name used for matching |
| Future Use | Beg | End | Length | Description |
| coa_resvd | 692 | 736 | 45 | Reserved space (future use) |
| DSF ${ }^{2 ®}$ Data | Beg | End | Length | Description - filled only when DSF ${ }^{2}$ is requested |
| dsf2wlkseq | 737 | 744 | 8 | Walk sequence number |
| dsf2adrtyp | 745 | 745 | 1 | Address type <br> $B=$ Business <br> $\mathrm{R}=$ Residential <br> $\mathrm{G}=$ General delivery <br> $\mathrm{U}=$ Undetermined <br> Blank = Non-match to Delivery Sequence File |
| dsf2eduind | 746 | 746 | 1 | Educational indicator $\mathrm{Y}=$ Address is an educational institution $\mathrm{N}=$ Address is not an educational institution Blank = No lookup attempted |
| dsf2dlvtyp | 747 | 747 | 1 | Delivery type code <br> $1=$ Curb - A delivery point with a mail receptacle located at the curb <br> 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 <br> 3 = Central - A delivery point within a building that has two or more ZIP +4 codes <br> 4 = Door slot - A delivery point not serviced by Curb, NDCBU or Central <br> Blank = Non-match to Delivery Sequence File |
| dsf2vacant | 748 | 748 | 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 | 749 | 749 | 1 | Seasonal indicator <br> $\mathrm{Y}=$ Seasonal address <br> $\mathrm{N}=$ Not a seasonal address <br> Blank = Record not presented for seasonal match (not ZIP + 4 coded) |
| dsf2thrwbk | 750 | 750 | 1 | Throwback indicator <br> $\mathrm{Y}=\mathrm{PO}$ 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. $\mathrm{DSF}^{2}$ 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. <br> $\mathrm{N}=$ Not a throwback address <br> Blank = Record not presented to Delivery Sequence File (not ZIP + 4 coded) |


| dsf2drpind | 751 | 751 | 1 |
| :--- | :--- | :--- | :--- |
|  |  |  | Delivery point drop indicator <br> The delivery point drop indicator specifies whether or not a delivery point is a drop site. <br> A drop is a single delivery point or receptacle that services multiple families and/or <br> 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 |  |  |  |

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## Appendix A

## Status Codes

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 ${ }^{\text {TM }}$, 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. |

## Description

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
E194 F further with the assignment process.
Failure to match to Unique ZIP Code. ZIP Code, directional, street suffix, or primary number may be missing or invalid.
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.
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, The input data includes something that might be a city name, and something that
because no match for either of them can be found in the City and ZCF directories. 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
E216 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.
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.
E420
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).
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).
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). 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).
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
E428 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.
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
E429 has matches for the address line in at least two of those citites. 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
E501 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.
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
E503 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).
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 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.
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 $^{\text {Link }}$ 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.

