

Data Services Codes



During DSF²™ and NCOA^{Link}™ processing, information about the results of the Data Services process is entered in the *Z4*, *Return Code*, *COA MOVE Type*, *COA Match Flag* and *Footnote* fields. The *Return Code* is a number indicating whether or not the address was successfully matched to the Change of Address database and, if not, what deficiency in the address prevented a match. The *COA MOVE Type* indicates whether the move involves a family, business, or individual. The *COA Match Flag* indicates whether or not a move has a forwarding address. The *Footnote Codes* indicate why a record match could not be made and the type of move. Refer to the following tables for more information on specific codes:

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Table F.1 Data Services Return Codes

Code	Description
10	Invalid Address (NCOA ^{Link} only)
11	Invalid City/ST/ZIP [®] (NCOA ^{Link} only)
12	Invalid State (NCOA ^{Link} only)
13	Invalid City (NCOA ^{Link} only)
17	(Obsolete) Insufficient data (FASTforward only)
21	Address Not Found (NCOA ^{Link} only)
22	Multiple Response (NCOA ^{Link} only)
23	Error in Primary
24	Error in Secondary
26	Box Closed (NCOA ^{Link} only)
27	No Forwarding Address (NCOA ^{Link} only)
28	Foreign Move (NCOA ^{Link} only)
29	No Stats (DSF ^{2™} only). Addresses where delivery has not been established, the address is not to be counted as a possible delivery.
30	DSF ² Vacant (DSF ² only)
31	Single Response. A unique ZIP + 4 [®] match was made to the USPS [®] ZIP + 4 file and no further information is necessary. (NCOA ^{Link} only)
32	Default Response. A match was made to the USPS ZIP + 4 file. With more information (e.g., a suite or apartment number) a unique ZIP + 4 would be assigned. Default ZIP + 4 codes are assigned to certain buildings or high-rises. Within the high-rise there may be more specific ZIP + 4 Codes for specific floors, suite ranges, or even firms within a building. (FASTforward/NCOA ^{Link} only)
33	Non-Deliverable (NCOA ^{Link} only)
34	DSF ² Seasonal (DSF ² only)

Table F.1 *Data Services Return Codes (Continued)*

Code	Description
35	DSF ² Match (DSF ² only)
36	Individual Move (NCOA ^{Link™} only)
37	Family Move (NCOA ^{Link} only)
38	Business Move (NCOA ^{Link} only)
39	LACS ^{Link™} Conversion (LACS ^{Link} only)
98	Non-USPS ZIP (NCOA ^{Link} only)

Table F.2 *COA Match Flags*

Match Flag	Description
C	Undeliverable. The carrier filed an action indicating that delivery to this person at this address cannot be accomplished.
F	Foreign Move. The customer has moved to a foreign address.
G	Box Closed. The customer's PO Box has been closed and no forwarding address was filed.
K	No Forwarding Address. The customer has moved and left no forwarding address.
M	Forwardable Move. The customer has moved and left a forwarding address.
P	Error in Primary. The new primary address did not match to DSF ^{2™} . (DSF ² /NCOA ^{Link} only)
S	Error in Secondary. The new primary address matched to DSF ² but the secondary address could not be verified.
W	Temporarily Away. The mailpiece was matched with a COA order for a temporary change or address.

Table F.3 *Record Types*

Record Type	Description
F	Matched to Firm Record
G	Matched to General Delivery Record
H	Matched to High-rise Record
P	Matched to PO Box Record
R	Matched to Rural Route Record
S	Matched to USPS Street Record

Table F.4 *COA MOVE Types*

Move Type	Description
B	Business
F	Family
I	Individual

Table F.5 *DSF² / ZIP + 4 Footnotes*

Footnote	Description
AA	Matched to ZIP + 4 [®]
A1	Not matched to ZIP + 4
A2	Alias street name matched to ZIP + 4 base street name
A3	Matched to ZIP + 4 alternate record
D	Corrected City name or State
E	Corrected primary address
F	Corrected and/or abbreviated the secondary unit designator or secondary unit number
G	Delivery Point vacant
H	ZIP Code [™] was corrected or added

Table F.5 *DSF² / ZIP + 4 Footnotes (Continued)*

Footnote	Description
J	Failure to match last line of address
K	Multiple match on primary address
K1	Multiple match due to missing or incorrect directional(s)
K2	Multiple match due to missing or incorrect suffix
L	Multiple match in secondary address
M1	Missing street number
M2	Address not found
M3	No such primary number
M4	Firm name not matched
N1	High-rise with missing secondary unit designator or secondary unit number
N2	Secondary unit number not found
P1	Rural Route or Highway Contract with no box number
P2	Rural Route or Highway Contract box number not found
Q1	Missing PO Box number
Q2	PO Box number not found
U	No match

Table F.6 *Walk Sequence Business/Residential Flags*

Residential Flag	Business Flag	Description
A	I	Curb
B	J	Neighborhood Delivery and Collection Box (NDCBU)
C	K	Central
D	L	Other
E	M	Unknown delivery type
S	S	Simplified
X	X	Unknown

Table F.7 *NCOA^{Link} Return Codes*

Footnote	Match or No Match	Description
A	Match	COA Match. The input record matched a COA record.
91	Match	COA Match: Secondary Number dropped from COA. The input record match a COA record. The COA record had a secondary number and the input record did not. The record is a ZIP + 4 [®] street level match.
92	Match	COA Match: Secondary Number Dropped from input address. The input record match a COA record. The input record had a secondary number and the COA record did not. The record is a ZIP + 4 street level match.
00	No Match	No Match. The input record did not match a COA record.
01	Match	Found COA: Foreign Move. Foreign Move. The customer has moved to a foreign address.
02	Match	Found COA: Moved Left No Address (MLNA). The input record matched a COA record, but there was no new address provided.
03	Match	Found COA: Box Closed No Order (BCNO). The input record matched a COA record, but the PO BOX has been closed and no forwarding addresses was provided.

Table F.7 NCOA^{Link} Return Codes (Continued)

Footnote	Match or No Match	Description
04	No Match	Cannot Match COA: Street Address with Secondary. While in Standard mode, the Family matching logic was used and matched a family record type with an address that contained secondary address information. The input record doesn't contain secondary address information. The individual matching logic should be used and individual names do not match.
05	Match	Found COA: New 11-digit DPBC is Ambiguous. The input record matched a COA record. The new address could not be converted to a deliverable address because the Delivery Point Barcode (DPBC) represents more than one delivery point.
06	No Match	Cannot Match COA: Conflicting Directions: Middle Name Related. There is more than one COA record and the middle names or initials are different. A single match could not be determined.
07	No Match	Cannot Match COA: Conflicting Directions: Gender Related. There is more than one COA record and the genders are different. A single match could not be determined.
08	No Match	Cannot Match COA: Other Conflicting Instructions: The input record matched two records. A match could not be made.
09	No Match	Cannot Match COA: High-rise Default. The input record matched a COA record from a High-rise address. This requires individual name matching and individual names do not match.
10	No Match	Cannot Match COA: Rural Default. The input record matched a COA record from a Rural Route or Highway Contract Route. This requires individual name matching and individual names do not match.
11	No Match	Cannot Match COA: Individual Match: Insufficient COA Name for Match. The input record matched a COA record with the same surname and address, but there is insufficient name information on the COA record to produce a match.
12	No Match	Cannot Match COA: Middle Name Test Failed. The input record matched a COA record, but a match could not be made because the middle name or initial or the input record does not match the middle name or initial of the COA record.

Table F.7 NCOA^{Link} Return Codes (Continued)

Footnote	Match or No Match	Description
13	No Match	Cannot Match COA: Gender Test Failed. The name of the input record matched a name of a COA record, but the genders could not be matched.
14	Match	Found COA: New Address Would Not Convert at Run Time. The input matched a COA record, but the new address could not be converted to a deliverable address.
15	No Match	Cannot Match COA: Individual Name Insufficient. The input record matches the address and surname of a COA record, but the input record does not contain a first name or contains only initials.
16	No Match	Cannot Match COA: Secondary Number Discrepancy. The input record matched a street level COA record, but a match was not made because of one of the following reasons: <ul style="list-style-type: none"> • There is conflicting secondary information • The input record contained secondary information and matched to a family record that doesn't contain secondary information. This requires individual matching and individual names do not match.
17	No Match	Cannot Match COA: Other insufficient Name. The input record matched a COA record, but the input name is different or insufficient.
18	No Match	Cannot Match COA: General Delivery. The input record match a family COA record from a General Delivery address. The address requires individual name matching logic and the individual names do not match.
19	Match	Found COA: New Address not ZIP + 4 [®] coded. A COA is on file, but the new address can not be ZIP + 4 encoded.
20	No Match	Cannot Match COA: Conflicting Directions after re-chaining. Multiple COA matches were found and a single match could not be determined.
66	No Match	Daily Delete. This input record matched a COA record that is present in the daily delete file. No mail may be forwarded from this address.
77	ANKLink	Returned to the ANKLink Return Code field. Indicates a move 19-48 months ago; the new address is provided only with NCOALink FSP service.

Table F.8 Z4, DPV - Confirmation Codes

Code	Description
blank	Address was not submitted for confirmation. This error could occur for one of several reasons: <ul style="list-style-type: none"> • The record did not receive a Return Code of 31 or 32 during ZIP + 4[®] encoding. • The record was not part of the selection set. • The record was added to the list after DPV processing was performed.
Y	Confirmed entire address
N	Could not confirm address. The address was either invalid or did not correspond to an active delivery point.
S	Confirmed address by dropping secondary information
D	Confirmed a high rise or PO Box type address without secondary information

Table F.9 Z4, DPV - CMRA Codes

Code	Description
blank	not tested
N	Tested and is not a Commercial Mail Receiving Agent
Y	Tested and is a Commercial Mail Receiving Agent

Table F.10 Z4, DPV - No Stat and DPV Vacant Return Codes

DPV No Stat/ DPV Vacant Return Code	Description
Space	No look up
Y	Confirmed
N	Not Confirmed

Table F.11 Z4, Footnote Codes

Code	Description
+	DPV™ confirmed Multiple Response match

Table F.12 Suppression Footnotes

Footnote	Description
A1	Business or Shopping Center
A2	College ZIP Code™
A3	Prison Address
A4	Military ZIP Code
A5	Nursing Home
A6	Retirement Home
A7	Trailer Park
C1	Official USPS® Mailing Complaints
C2	Mailing Complaints received by Donnelly Marketing
D1	Deceased
D2	Relative input of another's death
M1	DMA Mail Preference Service (do not mail)
P3	Requests no pandering

Table F.13 *SuiteLink Return Codes*

Return Code	Description
No value	SuiteLink lookup was not performed.
00	No Match - A SuiteLink lookup was attempted, but a SuiteLink match was not made.
A	SuiteLink Match

Table F.14 *Address Resolution Service (ARS) Footnotes*

Footnote	Description
R	Resolved
A	Apartment appended
S	SuiteLink match
Y	Resolved a non-match to a ZIP+4 match, or resolved a default or non-deliverable match to an exact ZIP+4 match
X	No Address Resolution match
>	Billable Record

