

ZIP + 4[®] Layout

Standardized Data	Length	Description - only fields requested will be added
cityx	15	15-character city name as provided by USPS [®]
zip4	4	ZIP + 4 or blank if ZIP + 4 not found
dlvpnt	2	Delivery point
chkdgt	1	Legacy check digit
crrt	4	Carrier route code
lot	4	Line of Travel (LOT) number for carrier route mailings
lot_order	1	LOT ascending or descending sort flag
csz	40	Combination of City, State and ZIP [®] Code
urban	60	Urbanization (for Puerto Rico addresses)
county	3	Three digit county code
ctyname	25	County name
fips	5	Federal code for state and county. Combines 2-digit state code with 3-digit county code. See Appendix B for state codes.
rec_type	2	Address match type (a code followed by 'D' indicates a default assignment) F = Firm G = General delivery H = High-rise apartment or office building M = Military P = PO Box [™] R = Rural route or highway contract S = Street (usually one side of one city block) U = Unique Blank = Unassigned (not ZIP + 4 coded)
dpv_flag	1	Indicates whether or not a record matched to the DPV [™] database Y = Delivery point validated; primary number valid and secondary number (when present) valid D = Valid primary number; input missing secondary number (primary for RR) 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 N = No delivery point validation Blank = Record not presented for DPV match (not ZIP + 4 coded)
dpv_cmra	1	Indicates whether or not the presented 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	12	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_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_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_ddd	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.

ews	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
lac_rtncod	2	Post Office LACS ^{Link} ® return codes A = LACS ^{Link} record match 00 = No match, and no converted address 09 = LACS ^{Link} matched an input address to an old address, which is a 'high-rise 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 address Blank = Record not presented for LACS ^{Link} match
ste_rtncod	2	Post Office Suite ^{Link} return codes A = Suite ^{Link} record match, suite information is added to the address 00 = No match, and no suite information added Blank = Record not presented for Suite ^{Link} match
congdist	3	U.S. Congressional District
status	6	Status/error codes (See Appendix A)
Geocode Data	Length	Description - returned only when geocoding 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
Suppression Flags	Length	Description - returned only when suppression/s 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

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.	
Code	Description
1st Character	
S	Input address was correct or standardized
2nd Character (address)	
N	No significant change to address
Y	Address changed
3rd Character (urbanization)	
N	No significant change to urbanization
Y	Urbanization changed
4th Character (city)	
N	No significant change to city
Y	City changed
5th Character (state)	
N	No significant change to state
Y	State changed
6th Character (ZIP/ZIP + 4)	
N	No significant change to ZIP
Y	ZIP changed
4	ZIP + 4 changed

Error Codes	
An error code tells you the address failed to validate against the official USPS data. The code indicates the reason the address is invalid or incomplete.	
Code	Description
E10	Unable to process due to insufficient data
E11	Invalid City, State and/or ZIP
E12	Foreign address
E19	Unhandled exception; contact support
E20	Unable to validate due to invalid, missing, insufficient, or conflicting address details
E31	Missing primary number and street name, or cannot identify a primary address line
E32	Unrecognized street name
E33	Missing or unrecognized primary number
E34	Invalid primary number
E40	Unable to resolve multiple matches for primary address
E41	Unable to resolve multiple matches due to invalid or missing directional/s
E42	Unable to resolve multiple matches due to invalid or missing suffix
E43	Unable to resolve multiple matches due to both suffix and directional/s that are invalid or missing
E45	Unable to resolve multiple matches due to invalid or missing urbanization
E46	Unable to resolve multiple matches due to invalid or missing city name
E47	Unable to resolve multiple matches due to invalid or missing ZIP
E48	Unable to resolve multiple matches due to invalid or missing ZIP+4
E50	EWS match
E60	USPS does not deliver to this address
E61	Unable to DPV validate the address

Appendix B: State FIPS Codes

Code	State
01	Alabama
02	Alaska
04	Arizona
05	Arkansas
06	California
08	Colorado
09	Connecticut
10	Delaware
11	District of Columbia
12	Florida
13	Georgia
15	Hawaii
16	Idaho
17	Illinois
18	Indiana
19	Iowa
20	Kansas
21	Kentucky
22	Louisiana
23	Maine
24	Maryland
25	Massachusetts
26	Michigan
27	Minnesota
28	Mississippi
29	Missouri
30	Montana
31	Nebraska
32	Nevada
33	New Hampshire
34	New Jersey
35	New Mexico
36	New York
37	North Carolina
38	North Dakota
39	Ohio
40	Oklahoma
41	Oregon
42	Pennsylvania
44	Rhode Island
45	South Carolina
46	South Dakota
47	Tennessee
48	Texas
49	Utah
50	Vermont
51	Virginia
53	Washington
54	West Virginia
55	Wisconsin
56	Wyoming
72	Puerto Rico