



PB Data Services, LLC

Layout Questions?

Please email support@updateyourlist.com

# Output Layout

<b>File#</b>	31558
<b>Date:</b>	5/7/2018 3:00:23 PM
<b>Filename:</b>	SampleNCOA.xlsx
<b>Total Records:</b>	118453

	Fieldname	FieldSize	Field Comments
	std_line1	40	The standardized primary address line.
	std_line2	15	The standardized secondary address line.
	std_city	28	The standardized city name.
	std_state	2	Standardized state abbreviation
	std_zip	5	Standardized 5-digit ZIP Code
	std_zip4	4	Standardized ZIP + 4 Code
	std_dpbc	2	Two-digit end code for delivery point barcode
	std_chkdgt	1	Check digit for full delivery point barcode
	std_cart	4	Carrier-route number
	std_lot	4	Line-of-travel number
	std_lotord	1	<b>LOT Order indicator</b> A = Ascending D = Descending
	std_urb	28	Standardized Puerto Rico Urbanization name
	std_fips	5	FIPS Code
	std_ews	1	<b>Early Warning System</b> If a record matches to this file it means that even though a ZIP + 4 code was not returned the address is valid, and a ZIP + 4 will be available soon - typically within the next monthly CASS update. <b>Y</b> = Matched <b>N</b> = No Match.

	Fieldname	FieldSize	Field Comments
	std_z4lom	1	<b>ZIP + 4 level of match</b> F = firm G = general delivery H = high-rise M = military P = PO Box R = rural route or hwy contract S = street U = Unique ZIP Code blank = unassigned.
	std_lacsrt	2	<b>LACSLink return code</b> A = LACSLink record match 00 = No match 09 = match to old address, no new address provided 14 = found LACSLink record, but couldn't convert the data to a deliverable address. 92 = LACSLink record matched after dropping the secondary number from the input address blank = no lookup attempted.
	std_slrt	2	<b>SuiteLink Return Code</b> A = SuiteLink match - secondary information exists and was assigned to this record 00 = SuiteLink no match - lookup was attempted but no matching record could be found blank = A SuiteLink lookup was not attempted because one of the following was true: *The address was not a highrise default according to CASS. *The address did not contain a firm.
	std_status	6	Error code if address is unassigned or status code if address is assigned.  E101 Last line is bad or missing E212 No city and bad ZIP E213 Bad city and no ZIP E214 Bad city and bad ZIP E216 Bad ZIP, can't determine which city match to select E302 No primary address line parsed E412 Street name not found in directory E413 Possible street name matches too close to choose E420 Primary range is missing E421 Primary range is invalid for street/route/building E422 Predirectional needed, input is wrong or missing E423 Suffix needed, input is wrong or missing E425 Suffix & directional needed, input wrong or missing E427 Postdirectional needed, input is wrong or missing E428 Bad ZIP, can't select an address match E429 Bad city, can't select an address match E430 Possible addr. line matches too close to choose one E431 Urbanization needed, input is wrong or missing E439 Exact match in EWS directory E500 Other Error E501 Foreign E502 Input record entirely blank E503 ZIP not in area covered by partial ZIP+4 Directory E504 Overlapping ranges in ZIP+4 directory E505 Matched to undeliverable default record E600 Marked by USPS as unsuitable for delivery of mail E601 Primary number does not DPV confirm, ZIP+4 removed
	dpv_status	1	<b>DPV Status code</b> Y = confirmed delivery point N = not a valid delivery point S = primary range is valid, secondary range wrong D = no secondary range L = address triggered a DPV lock blank = could not assign.
	dpv_cmra	1	<b>Commercial Mail Receiving Agency flag</b> Y = The address is a CMRA N = The address is not a CMRA L = The address triggered a DPV lock blank = could not assign.
	dpv_nostat	1	<b>No Stat indicator</b>

	Fieldname	FieldSize	Field Comments
			No Stat means that the address is a vacant property, it receives mail as a part of a drop, or it does not have an established delivery yet. Y = Address is No Stat N = Address is not No Stat blank = no match to DSF2 file.
	dpv_vacant	1	<b>Vacant address flag</b> Y = vacant address N = not a vacant address blank = no match to DSF2 file.
	dpv_ftnote	12	<b>DPV footnote codes</b> This field can contain up to six of the following codes. They will always appear in the order shown below; however, most codes are not present on most rows. AA = Input address matches to ZIP + 4 file A1 = Input address does not match to ZIP + 4 file BB = All input address components match to DPV CC = Input primary address matches to DPV but the secondary address does not F1 = Input address matches a military address G1 = Input address matches a general delivery address M1 = Input address is missing primary number M3 = Input address primary number is invalid N1 = Input primary address matches to DPV but the secondary address is missing P1 = Input address is missing the PO, RR or HC box number P3 = Input address has invalid PO, RR, or HC number RR = Input address is a CMRA R1 = Input address is a CMRA but there is no secondary address U1 = Input address matches a unique address.
	coa_addsrc	1	<b>COA Address Source indicator</b> N = COA address was obtained from NCOA process P = COA address was obtained from PCOA process C = COA address was obtained from Canadian process blank = no COA information present, or PCOA was not run
	coa_match	1	<b>COA Match Code</b> A = NCOALink Match B = No exact match to NCOALink - examine NCOALink Return Code for possible reasons C = No Match M = PCOA Match N = Canadian NCOA Match O = No exact Match
	coa_movtyp	1	<b>COA Move Type</b> B = business F = family I = individual
	coa_date	6	<b>COA move effective date (YYYYMM)</b>
	coa_delcd	1	<b>COA Delivery Code</b> D = NCOALink Daily Delete F = Foreign Move G = PO Box Closed K = Moved, Left No Address M = Moved, forwarding address provided P = Moved, however new address could not be verified. No new address returned
	coa_rtncd	2	<b>NCOALink Return Code</b> See the included NCOALink Report for possible values and their descriptions.
	coa_line1	40	COA address line 1.
	coa_line2	15	COA address line 2.
	coa_city	28	COA city
	coa_state	2	COA state abbreviation
	coa_zip	5	COA 5-digit ZIP Code
	coa_zip4	4	COA ZIP + 4 Code

	Fieldname	FieldSize	Field Comments
	coa_dpbc	2	COA two-digit end code for delivery point barcode
	coa_chkdgt	1	COA check digit for full delivery point barcode
	coa_cart	4	COA Carrier-route number
	coa_lot	4	COA Line-of-travel number
	coa_lotord	1	COA LOT Order indicator A = Ascending D = Descending
	coa_urb	28	COA Puerto Rico Urbanization name.
	coa_fips	5	COA FIPS Code
	coa_z4lom	1	<b>COA ZIP + 4 level of match</b> F = firm G = general delivery H = high-rise M = military P = PO Box R = rural route or hwy contract S = street U = unique ZIP Code blank = unassigned
	coa_action	2	<b>COA Action Code</b> This field can be used as a guide to determine which records to mail, and which records not to mail. Your judgment should always be used; this field is to serve as a guide only. 1 = Accurate, mailable address 3 = Might Be Deliverable Record might have moved, examine NCOALink Return Code 4 = Probably Undeliverable. 5digit ZIP Code confirmed but record did not receive a ZIP + 4, OR missing secondary address and located in a CMRA (CMRA analysis only available with DSF2 / DPV) 5 = Undeliverable. Record has moved with no forwarding address available, or 5 digit ZIP not confirmed.
	coa_conf	1	<b>PCOA Confidence Score</b> 1 = High confidence 2 = Confident 3 = Less Confident 4 = Low Confidence With codes 3 and 4 we do not recommend using the COA address, unless you have experienced return mail for the input address in the past and would like the opportunity to re-establish contact.
	coa_qname	40	<b>NCOALink Query Name</b> This is the exact name data that was used to make the match to the NCOALink database. If an individual or business match was made, the full name will appear here. If a family match was made then only the last name will be present.