

## CASS Certified ZIP + 4 Processing Summary

2799159 / DWG00206  
 ZIP4 sample

### Assignment Summary

Assignment	Quantity	Percent
ZIP Codes	99,994	99.99%
ZIP + 4 Codes	99,179	99.18%
Delivery Point Codes	99,201	99.20%
Carrier Route Codes	99,765	99.77%
LOT Codes	99,179	99.18%
LOT Order Codes	99,179	99.18%
County Codes	99,994	99.99%
Assigned/No Delivery	41	0.04%
Foreign	0	0.00%

### Address Type Summary

Address Type	Quantity	Percent
Street	72,842	72.84%
PO Box	5,198	5.20%
High-rise	21,085	21.09%
Rural Route	0	0.00%
Firm	1	0.00%
General Delivery	51	0.05%
Military	40	0.04%
Unique	15	0.02%
<b>Total</b>	<b>99,179</b>	<b>100.00%</b>

### Qualitative Statistical Summary

Assignment	Quantity	Percent
DPV Confirmed	99,201	99.20%
EWS Matches	0	0.00%
High-rise Default	414	0.41%
High-rise Exact	20,671	20.67%
Suite <sup>Link</sup> Matches	0	0.00%
LACS <sup>Link</sup> Convertible	293	0.29%
LACS <sup>Link</sup> Conversions	166	0.17%
Rural Route Default	6	0.01%
Rural Route Exact	6	0.01%
RDI Matches	98,049	98.05%

### LACS<sup>Link</sup> Conversion Summary

Assignment	Quantity	Percent
Converted	165	0.17%
Secondary Dropped	1	0.00%
<b>Total Converted</b>	<b>166</b>	<b>0.17%</b>
No Match	302	0.30%
Cannot Convert	2	0.00%
High-rise Default	0	0.00%
<b>Total Not Converted</b>	<b>304</b>	<b>0.30%</b>

### Delivery Point Validation (DPV) Summary

DPV Status	Quantity	Percent
Primary & Secondary Confirmed	98,235	98.24%
Secondary Not Confirmed	620	0.62%
Secondary Missing	346	0.35%
<b>Total Confirmed</b>	<b>99,201</b>	<b>99.18%</b>
DPV Not Validated	545	0.55%
No DPV Validation attempted	254	0.25%
<b>Total Not Confirmed</b>	<b>799</b>	<b>0.80%</b>

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## Delivery Point Validation (DPV) Details

DPV Indicators	Quantity	Percent
DPV Vacant	4,409	4.41%
DPV No-Stat	2,443	2.44%
DPV PO Box Street Address	1	0.00%
DPV PO Box Only Zone	337	0.34%
DPV Door Not Accessible	339	0.34%
DPV Drop Indicator	180	0.18%
DPV Commercial Mail Receiving Agency	38	0.04%
DPV Throwback	143	0.14%
DPV No Secure Location	65	0.07%
DPV Non-Delivery Days	180	0.18%

DPV Footnotes	Quantity	Percent
AA - ZIP + 4 Match	99,765	99.77%
A1 - No ZIP + 4 Match	235	0.24%
BB - All Components Match DPV	98,311	98.31%
CC - Secondary Invalid, Not Required	178	0.18%
C1 - Secondary Invalid, Required	164	0.16%
F1 - Military Address	40	0.04%
G1 - General Delivery	51	0.05%
IA - Informed Address	0	0.00%
M1 - Primary Missing	2	0.00%
M3 - Primary Invalid	495	0.50%
N1 - Secondary Missing	620	0.62%
PB - PO Box Street Address	1	0.00%
P1 - Missing RR/HC	0	0.00%
P3 - Invalid PO/ RR/ HC	50	0.05%
RR - CMRA Match	0	0.00%
R1 - CMRA Match - No Secondary	38	0.04%
R7 - Physical Address Does Not Receive Delivery	22	0.02%
TA - Matched by Dropping Trailing Alpha	4	0.00%
U1 - Unique Address	15	0.02%

DPV No-Stat Reason Code	Quantity	Percent
01 - Internal Drop Address	44	0.04%
02 - CDS No-Stat	997	1.00%
03 - Collision	0	0.00%
04 - CMZ (College/Military Zone and Other Types)	4	0.00%
05 - Regular No-Stat	1,023	1.02%
06 - Secondary Required	375	0.38%

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Enhanced DPV Status	Quantity	Percent
Primary & Secondary Confirmed	98,248	98.25%
Secondary Not Confirmed	618	0.62%
Secondary Missing	313	0.31%
Phantom Route	22	0.02%
<b>Total Confirmed</b>	<b>99,201</b>	<b>99.18%</b>
DPV Not Validated	545	0.55%
No DPV Validation attempted	19	0.02%
<b>Total Not Confirmed</b>	<b>799</b>	<b>0.80%</b>

## Error Code Summary

Error	Description	Quantity	Percent
E101	Last line is invalid or missing	0	0.00%
E212	Missing city and invalid ZIP	0	0.00%
E213	Invalid city and missing ZIP	0	0.00%
E214	Invalid city and invalid ZIP	1	0.00%
E216	Cannot determine city and invalid ZIP	0	0.00%
E302	Invalid or missing primary address line	0	0.00%
E412	Street name is invalid	71	0.07%
E413	Possible street matches to close to choose	0	0.00%
E420	Primary range is invalid or missing	2	0.00%
E421	Primary range is invalid for street/route/building	134	0.13%
E422	Pre-directional needed, input is invalid or missing	8	0.01%
E423	Suffix needed, input is invalid or missing	0	0.00%
E425	Suffix & directional needed, input is invalid or missing	0	0.00%
E427	Post-directional needed, input is invalid or missing	4	0.00%
E428	Invalid ZIP, cannot select an address match	0	0.00%
E429	Invalid city, cannot select an address match	0	0.00%
E430	Multiple possible address line matches	0	0.00%
E431	Urbanization needed, input is invalid or missing	0	0.00%
E439	Exact match in EWS directory	0	0.00%
E500	Other error	6	0.01%
E501	Foreign address	0	0.00%
E502	Input record entirely blank	0	0.00%
E503	ZIP not in area covered by partial ZIP+4 directory	1	0.00%
E504	Overlapping ranges in ZIP+4 directory	0	0.00%
E505	Matched to undeliverable default record	8	0.01%
E600	Identified by USPS as unsuitable for delivery of mail	41	0.04%
E601	Primary number does not DPV confirm, ZIP+4 removed	545	0.55%
<b>Total Error Codes</b>		<b>821</b>	<b>0.82%</b>