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## 2003 Data Validations

### QUAD - BASED TRAP PLACEMENT DATA

Error Message	Validation
No site data found	A record exists with predetermined info for each site
Quad abbreviation missing Quad abbreviation/code invalid	Quad code is present and valid
Site number missing Site number is zero	Site number is present and greater than zero
Placement date missing Invalid date	Trap placement date is present and valid
Trapper's initials missing Invalid initials for agency	Trapper initials are present and valid within the agency responsible for the site
Trap type missing Trap type invalid	Trap type is one of the following: D, M, O (delta, milk carton, omit)
Omit reason missing Omit reason invalid	A valid reason is included for each omitted site: H, L, O, W, R, V, S, X, B
Duplicate site in quad	Each record has a unique quad code and site number
Duplicate UTM's Duplicate grid node UTM's	UTM coordinates are unique within the UTM zone Each record corresponds to a unique predetermined grid node

### COUNTY - BASED TRAP PLACEMENT DATA

Error Message	Validation
No site data found	A record exists with predetermined info for each site
County code missing Invalid state and/or county	County code is present and valid
Site number missing Site number is zero	Site number is present and greater than zero
Placement date missing Invalid date	Trap placement date is present and valid
Trapper's initials missing Invalid initials for agency	Trapper initials are present and valid within the agency responsible for the site
Trap type missing Trap type invalid	Trap type is one of the following: D, M, O (delta, milk carton, omit)
Omit reason missing Omit reason invalid	A valid reason is included for each omitted site: H, L, O, W, R, V, S, X, B
Duplicate site in county/block	Each record has a unique county code, block_id, and site number
Duplicate UTM's Duplicate grid node UTM's	UTM coordinates are unique within the UTM zone Each record corresponds to a unique predetermined grid node



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**QUAD - BASED TRAP INSPECTION DATA**

<i>Error Message</i>	<i>Validation</i>
Quad abbreviation missing Quad abbreviation/code invalid	Quad code is present and valid
Site number missing Site number is zero	Site number is present and greater than zero
No trap placement record match	A trap placement record exists for this quad and site
Inspection at omitted site	Inspections should be performed on placed traps
Trapper's initials missing Invalid initials for agency	Trapper initials are present and valid within agency responsible for site
Duplicate inspection	Each record has a unique quad, site, date, and inspection type  (One routine trap inspection and one passing or failing QC inspection are allowed on the same date. A trapper should visit a site only one time in a day.)
Final visit before mid season	All mid season inspection dates are earlier than final inspections
Trap condition missing Trap condition invalid	Trap condition is one of the following: D, G, I, M (damaged, good, inaccessible, missing)
Catch value missing	If trap condition is D or G, trap catch must be greater than or equal to zero
Catch Present, Trap Missing/Inaccessible	If trap condition is I or M, trap catch should be blank
QC Field Check code invalid	Field check entry, if present, is either a P or F to indicate a quality control inspection
QC Fail code missing or invalid	If field check entry is F, a valid quality control failure code must be entered (A, C, D, G, I, R, T, U, X, M)
Trap check missing or invalid	Trap check is either M or F (mid season or final)
Duplicate final visit	Only one final routine inspection may be reported for a site (Supervisors may also report a final QC inspection.)

**COUNTY - BASED TRAP INSPECTION DATA**

<i>Error Message</i>	<i>Validation</i>
County code missing Invalid state and/or county	County code is present and valid
Site number missing Site number is zero	Site number is present and greater than zero
No trap placement record match	A trap placement record exists for this county, block_id, and site
Inspection at omitted site	Inspections should be performed on placed traps
Trapper's initials missing Invalid initials for agency	Trapper initials are present and valid within agency responsible for site

## Slow the Spread - Trap Data Validation

Duplicate inspection	Each record has a unique county, block_id, site, date, and inspection type  (One routine trap inspection and one passing or failing QC inspection are allowed on the same date. A trapper should visit a site only one time in a day.)
Final visit before mid season	All mid season inspection dates are earlier than final inspections
Trap condition missing Trap condition invalid	Trap condition is one of the following: D, G, I, M (damaged, good, inaccessible, missing)
Catch value missing	If trap condition is D or G, trap catch must be greater than or equal to zero
Catch Present, Trap Missing/Inaccessible	If trap condition is I or M, trap catch should be blank
QC Field Check code invalid	Field check entry, if present, is either a P or F to indicate a quality control inspection
QC Fail code missing or invalid	If field check entry is F, a valid quality control failure code must be entered (A, C, D, G, I, R, T, U, X, M)
Trap check missing or invalid	Trap check is either M or F (mid season or final)
Duplicate final visit	Only one final routine inspection may be reported for a site (Supervisors may also report a final QC inspection.)