

Metric 10 – Inspection frequency – Fracture Critical Member				MAR10			
Fracture Critical Inspection Frequency Intervals				PY 2015 Review			
State: Michigan		Date of report:		July 8, 2014			
This MAR compares Inspection Date data from the 2 most recent submissions of NBI data, calculating the latest inspection intervals and identifying inspections that are overdue according to data submitted. Refer to the Metric for information on how to use this tool in the compliance assessment.							
NBI data used in report	Most recent (includes all accepted submissions as of date of report):			2014 NBI Data			
	Previous (incl all accepted submissions as of archive date shown):			31-Dec-13 Archive			
Bridge owners analyzed (default - all owners checked except Private-RR; uncheck to deselect; NBI Item 22 codes shown):							
<input checked="" type="checkbox"/> State Owned (1) <input checked="" type="checkbox"/> County (2) <input checked="" type="checkbox"/> Twp (3) <input checked="" type="checkbox"/> City (4) <input checked="" type="checkbox"/> Oth State (11,21) <input checked="" type="checkbox"/> Oth Local (12,25) <input checked="" type="checkbox"/> Private-RR (26,27) <input checked="" type="checkbox"/> Toll (31,32)							
View MAR...		<input checked="" type="radio"/> with Override Codes (codes are used in MAR results; default for FSM)		<input type="checkbox"/> FHWA Division Office MAR review			
		<input type="radio"/> without Override Codes (codes are ignored in MAR results)		Date:			
Metric Criteria		Frequency Interval Cumulative % bridges not exceeding			Snapshot Key	Snapshot (All owners)	
Regular Frequency (NTE 24-mo)		<=24-mo	<=25-mo	<=28-mo	<input type="radio"/>	<input checked="" type="radio"/>	
Compliance (C)		95%	100%	100%	<input type="radio"/>		
Substantial Compliance (SC)		50%	95%	100%	<input type="radio"/>		
Further Review/ Corrective Action Required		Does not meet SC criteria			<input checked="" type="radio"/>		
Regular NTE 24-mo category		<=24-mo	25-mo	26-28-mo	>28-mo	Overdue	Total
Number meeting interval criteria		73	1	1	1	0	76
Metric Criteria Calculation		<=24-mo	<=25-mo	<=28-mo			
Cumulative number meeting interval		73	74	75			
Percentage meeting interval		96%	97%	99%			
Reviewer Comments (provide information such as non-NBI data or supplemental State data used in MAR):							

Notes: Snapshot is an estimated assessment; data must be reviewed before determining compliance assessment.
 Analysis is based on state submitted NBI data.
 Border bridges are assumed to be state's responsibility; this assumption must be verified by the Reviewer.
 Overdue inspection: Due prior to the NBI update, but new inspection not submitted; resolution required.
Lowest percent meeting interval result controls snapshot.
 Total includes overdue inspections.

MAR Bridge Inspections Intervals Analyzed	
Analyzed (counted)	76
Total MAR population	109
Percentage analyzed	70%
Total MAR Inspection records	115

MAR Data Coverage Span	
Latest in 2014 NBI Data	03/14
Latest in 31-Dec-13 Archive	01/13
Analysis coverage (months)	14 mo

