



CHART 2014 Evaluation and Comparison

-Yearly Data Quality -

Gang-Len Chang, Professor

Yao Cheng, Hyeonmi Kim and Woon Kim

Research Assistants

University of Maryland, College Park



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<http://chartinput.umd.edu>



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Available Data for Year 2014

– classified by type

Year	Type		Total
	Disabled Vehicles	Incidents	
2012	41,243	22,328	63,571
2013	35,781	24,738	60,519
2014	46,330	31,535	77,865

Note: Data Format – CHART II Database



Available Data for 2014 by Quarter

– classified by type

Quarter	Type		Total
	Disabled Vehicles	Incidents	
1 st	10,275	7,080	17,355
2 nd	13,305	7,825	21,130
3 rd	12,954	8,299	21,253
4 th	9,796	8,331	18,127
Total	46,330	31,535	77,865



AOC (Authority Operations Center)

- Maryland Transportation Authority
 - Authority Operations Center (SOC Failover)
- The MdTA AOC performs two CHART II functions.
 - First, it is an independent ITS traffic management center similar to, for example, the MCTMC (Montgomery County Transportation Management Center).
 - Second, because of its proximity to the SOC and similar operation, it has been chosen as the SOC back-up and disaster recovery site.

Source: MSHA website

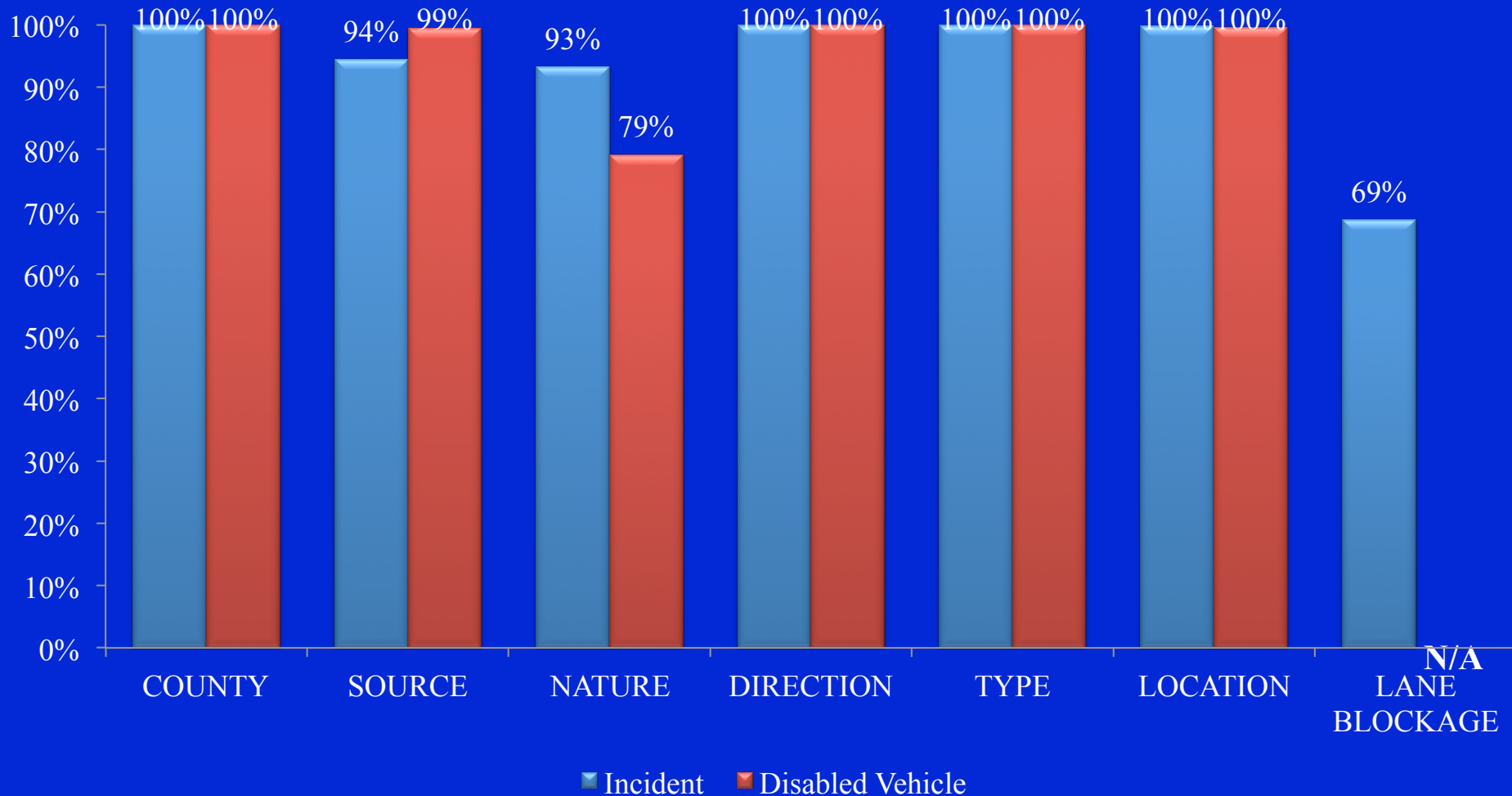


Data Quality Analysis

– definitions of invalid data

- The original data reported as any of the following categories are viewed as invalid data
 - **Detection Source:** “other no add. info.” and “other add. info.”
 - **Type:** No info.
 - **Nature:**
 - “other ” in the disabled vehicles type
 - “no add. info.” and “other add. info.” in the incidents type
 - **County:** “unspecified” and “statewide”
 - **Received Time, Confirmed Time, Dispatched Time, Arrival Time, Cleared Time:** No info.

Statistics Summary for Data Quality

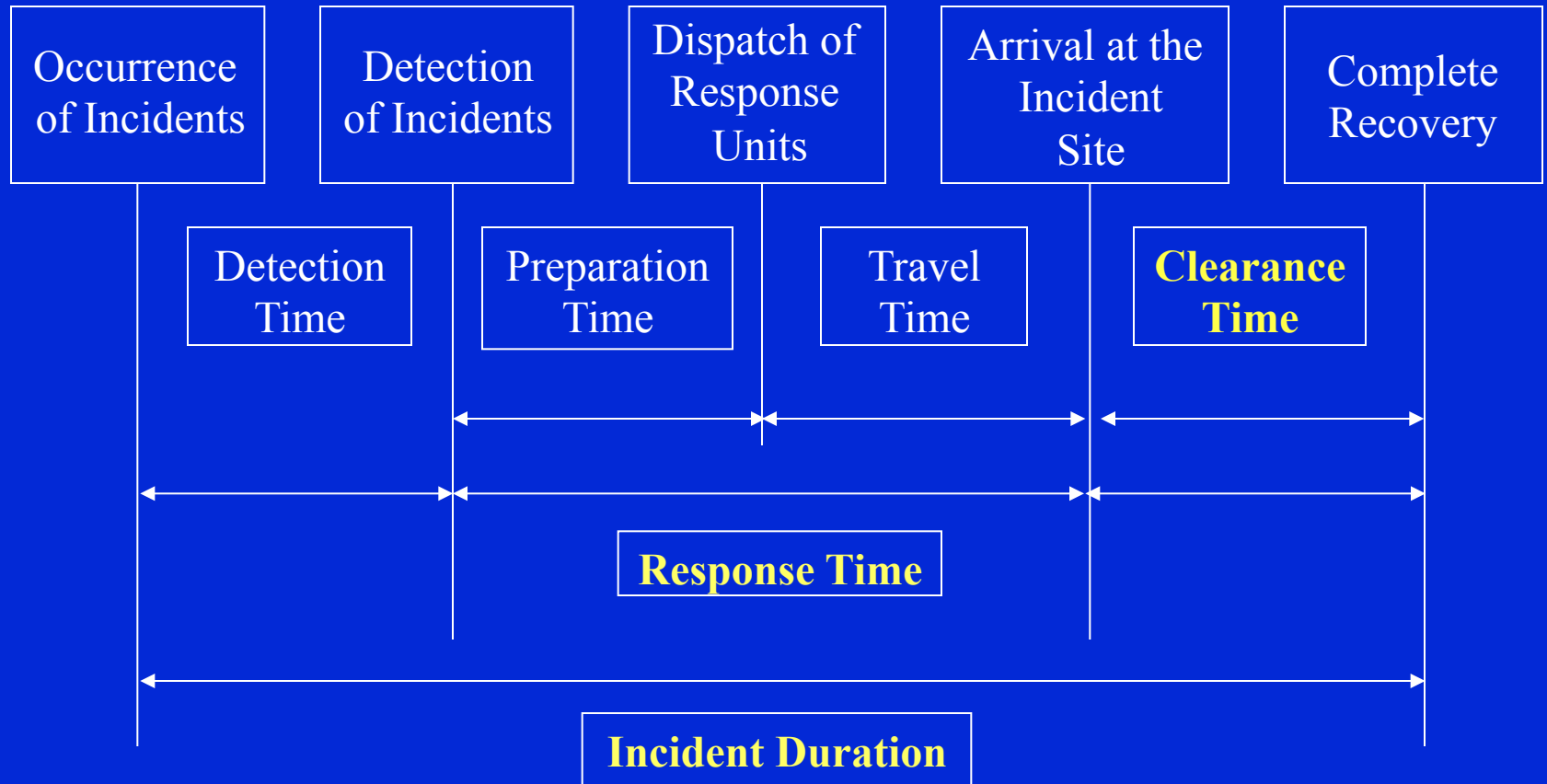


Note: Lane Blockage parameter is not available for the Disabled Vehicles

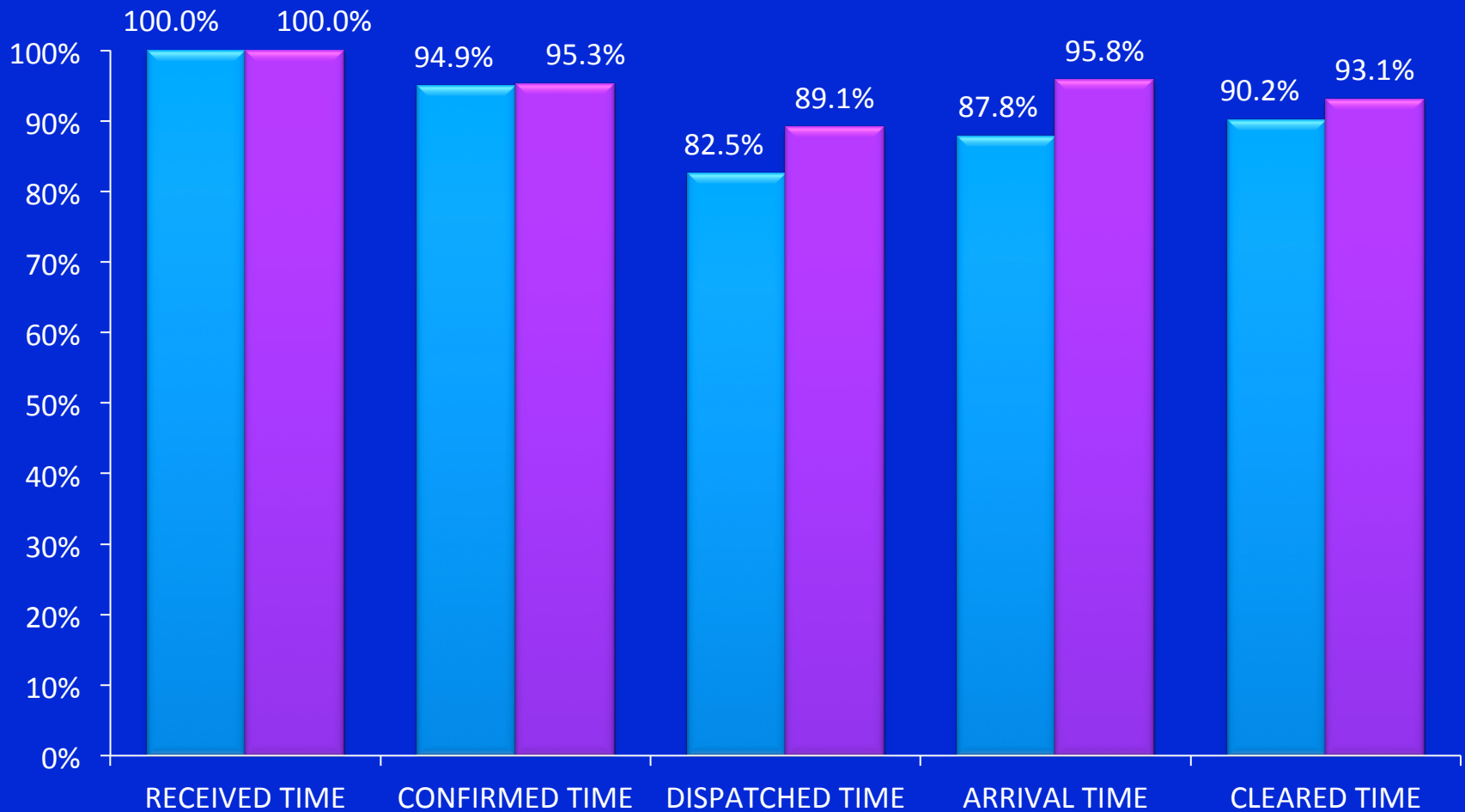
Statistics Summary for Data Quality and Comparison



Time of System Operations



Statistics Summary for Data Quality



Statistics Summary for Data Quality and Comparison

