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TABLE 3

Phases Toward Standardized Data Processes and Systems

Phase 1	Phase 2	Phase 3
<ul style="list-style-type: none"> S Paper and pencil field data collection, multiple points of data transfer S Minimal data entry quality controls S Manual cleaning of data S Multiple points of data collection, entry, and transfer S Data fields not yet standardized 	<ul style="list-style-type: none"> S Electronic field data collection S Defined data fields and data types, including a data dictionary (i.e., a set of information describing the contents, format, and structure of a database and the relationship between its elements) S Data required to be synchronized or uploaded into the system database once an inspector reaches their office or home of ce S Reports available to the public S Data systems siloed and restricted data sharing S Some analysis of the data 	<ul style="list-style-type: none"> S Automatic synchronization from electronic field collection to database S Integration of data from other sources (e.g., pictures, GIS information, etc.) S Automated data cleaning and reconciliation S Custom reports available to the public, the ability for the public to query data S Share data across systems S Data sharing agreements with other agencies S Use of data to analyze, interpret, and drive actions and provide real-time insights

