

## NWCG Data Standard Meta-data Definition

Status:  Draft  Proposal  Approved

Date: 06/15/2004

<b>Name:</b>		
<b>Data Attribute Name</b>	<i>Event Kind Code</i>	
<b>Abbreviation</b>		
<b>Contacts:</b>		
<b>Data Stewardship Group (NWCG Working Team or Associated Group)</b>	<i>National Coordinators Group</i>	
<b>Data Steward or Source Reference</b>	<i>National Coordinators Group– Doug Shinn</i>	
<b>System of Record</b>	<a href="#"><i>NWCG Event Kind and Category Standard Data Values</i></a> document	
<b>Custodian</b>	<i>Nat'l Coordinators Group - Dispatch Efficiency Workgroup</i>	
<b>Definition:</b>		
<b>Description</b>	A general, high-level code and description of the types of incidents and planned events to which the interagency wildland fire community responds.	
	<b>Data Exchange Standards</b>	<b>Data Entry Guidelines</b>
<b>Length</b>	<i>Maximum: 2    Minimum: 2</i>	<i>Maximum: 2    Minimum: 2</i>
<b>Data Type</b>	<i>Alphabetic</i>	<i>Character</i>
<b>Case Sensitivity</b>	<i>Upper-case</i>	<i>Upper-case</i>
<b>Format</b>	<i>XX</i>	<i>XX</i>
<b>Examples</b>	<i>FI = Fire ND = Severe Weather &amp; Natural Disasters</i>	<i>FI = Fire ND = Severe Weather &amp; Natural Disasters</i>
<b>Business Rules:</b>		
<ol style="list-style-type: none"> <li>1. <i>An event must have one and only one Event Kind at a given time.</i></li> <li>2. <i>The Event Kind designations should be mutually exclusive</i></li> <li>3. <i>The system of record identified above will be used as the source for valid values for this data standard.</i></li> <li>4. <i>The change procedures for this data standard must be followed when adding, modifying, deleting, or archiving the meta-data definition or the standard data value list.</i></li> <li>5. <i>The Event Kind Code cannot be the same as any of the Event Category Codes.</i></li> </ol>		

**For information regarding this document, contact:**

Judy Crosby  
Chair, NWCG Data Administration Working Group  
NWCG IRM Program Management Office  
1387 South Vinnell Way  
Boise, Idaho 83705-1657

Phone: (208) 947-3741  
FAX: (208) 947-3712  
Email: [Judy\\_Crosby@nifc.blm.gov](mailto:Judy_Crosby@nifc.blm.gov)

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<b>Name:</b>		
<b>Data Attribute Name</b>	<i>Event Category Code</i>	
<b>Abbreviation</b>		
<b>Contacts:</b>		
<b>Data Stewardship Group (NWCG Working Team or Associated Group)</b>	<i>National Coordinators Group</i>	
<b>Data Steward or Source Reference</b>	<i>National Coordinators Group– Doug Shinn</i>	
<b>System of Record</b>	<a href="#"><i>NWCG Event Kind and Category Standard Data Values</i></a> document	
<b>Custodian</b>	<i>National Coordinators Group - Dispatch Efficiency Work (DEW) Group</i>	
<b>Definition:</b>		
<b>Description</b>	A code and description that identifies the types of incidents and planned events to which the interagency wildland fire community responds. The Event Category is a sub-group of the Event Kind code and description. The Event Kind provides a general, high-level description. The Event Category further breaks down the Event Kind into more specific event categories.	
	<b>Data Exchange Standards</b>	<b>Data Entry Guidelines</b>
<b>Length</b>	<i>Maximum: 2    Minimum: 2</i>	<i>Maximum: 2    Minimum: 2</i>
<b>Data Type</b>	<i>Alphabetic</i>	<i>Character</i>
<b>Case Sensitivity</b>	<i>Upper-case</i>	<i>Upper-case</i>
<b>Format</b>	<i>XX</i>	<i>XX</i>
<b>Examples</b>	<i>WF = Wildfire HU = Hurricane</i>	<i>WF = Wildfire HU = Hurricane</i>
<b>Business Rules:</b>		
<ol style="list-style-type: none"> <li>1. An event must have one and only one Event Category at a given time.</li> <li>2. The Event Category designations should be mutually exclusive.</li> <li>3. The Event Kind and Category change procedures must be followed when adding, modifying, deleting, or archiving the meta-data definition or the standard data value list.</li> <li>4. The Event Category Code cannot be the same as any of the Event Kind Codes.</li> <li>5. The use of both Event Kind with Event Category Code is not mandatory; however, if an Event Category is associated to an Event Kind, the correct Event Kind as indicated in the standardized data list must be referenced..</li> </ol>		

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Chair, NWCG Data Administration Working Group  
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Phone: (208) 947-3741  
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## Explanation of the Meta-data Definition Format

<b>Status</b> <i>(To be filled out by the DAWG only)</i>	<b>Draft</b> - The meta-data definition has been defined, but has not been reviewed by the DAWG. <b>Proposed</b> – The meta-data definition has been reviewed by the DAWG and is in the review stage. <b>Approved</b> – The meta-data definition has been approved by the DAWG and published as an NWCG standard.	
<b>Name:</b>		
Data Attribute Name	The business term in its unabbreviated form.	
Abbreviation	The short form of the attribute name using standard abbreviations.	
<b>Contacts:</b>		
Data Stewardship Group	The organization(s) responsible for the accuracy of the attribute’s definition.	
Data Steward or Source Reference	The person(s) responsible for the attribute meta-data definition (name, contacts, definition, business rules) or the reference number of an adopted data standard from an external source.	
System of Record	The manual or automated system that serves as the authoritative source for accurate data values.	
Custodian	The person(s) responsible for the maintenance and quality of the actual data in the system of record.	
<b>Definition:</b>		
Description	The textual definition of the attribute.	
	<b>Data Exchange Standards</b>	<b>Data Entry Guidelines</b>
Length	The maximum & minimum allowable lengths for the raw data.	The maximum & minimum allowable lengths for the data entry.
Data Type	The kind of data. Examples are: alphabetic, binary, numeric, alpha-numeric	The kind of data. Examples are: integer, decimal, currency, date, time, character, and Boolean.
Format	A specification of the way the raw data should be arranged.	The way the data should be displayed to the users.
Case Sensitivity	A specification of whether or not the data is to be upper, lower, or mixed case.	A specification of whether or not the data is to be upper, lower, or mixed case.
Example	Example(s) of valid raw data and descriptor, if appropriate.	Example(s) of valid data entry and descriptor, if appropriate.
<b>Business Rules:</b>	Business rules are a set of conditions that govern the data attribute so that it occurs in a way that is acceptable to the business (or customer). A business rule is a statement that defines or constrains some aspect of the data. There may be many business rules that pertain directly to the attribute, or to its relationship to other attributes.	

## Information about this NWCG Data Standard

### Applicability

1. The Data Exchange Standards section represents the standard for representation of data files for data interchange.
2. This standard applies to all existing NWCG applications.
3. This standard applies to the acquisition of all applications software, whether commercial off-the-shelf (COTS) products, or custom-designed applications.
4. The Data Entry Guidelines are recommended but not mandatory and do not require a waiver.

**Provision for Waiver** - A waiver may be granted by the NWCG DAWG for:

- Legacy applications that are able to achieve compliance by means other than the use of this standard
- Systems where the costs of implementing this standard are significantly higher than the benefits warrant

The requesting office shall draft an application to the NWCG DAWG for a waiver providing the reasons why the data standard should not be implemented in the information collection. This application shall contain:

- a. An outline of the reasons why the data standard should not be implemented in the specific application.
- b. A risk assessment and cost-effectiveness evaluation of continued operation in a non-compliant mode.
- c. Approval of the waiver request by decision officials within the requesting office, if applicable.

The DAWG shall notify the requesting office in writing of the disposition of the waiver within 60 days of receipt.

**Maintenance** - This standard is one of several applicable to all NWCG applications; as such, it will be reviewed, and the NWCG DAWG will schedule updates at designated intervals. Reviews shall occur at time intervals not to exceed 5 years.