Appendix 4

NFIRS 2008 Data Quality Rating Criteria

Combined Base Rating for Basic Module:

Calculated WHERE Version = "4.1" OR Version = "5.0" AND
no aid was given AND
Incident Type BETWEEN 100 and 173 (inclusive)

FOR EACH FIRE DEPARTMENT:
(Count of Property Loss = NULL +
Count of Property Use = NULL +
Count of Property Use = 000 +
Count of Property USE = UUU +
Count of Incident Type = 100) +
Divided by the total number of department fires +
No Dollar Loss Collected Weight* +
No Casualties Collected Weight*
= Base Data Quality Rating

Combined Data Quality Rating for Fire Module:

Calculated WHERE Version = "4.1" OR Version = "5.0" AND
no aid was given AND the incident type was
a structure fire (does not include confined fires) OR
a mobile property used as fixed structure fire OR
a mobile property fire OR
a vegetation fire OR
a special outside fire OR
a crop fire

FOR EACH FIRE DEPARTMENT::
(Count of Item First Ignited = NULL +
Count of Item First Ignited = 00 +
Count of Item First Ignited = UU +
Count of Area of Fire Origin = NULL +
Count of Area of Fire Origin = 00 +
Count of Area of Fire Origin = UU +
Count of Heat Source = NULL +
Count of Heat Source = 00 +
Count of Heat Source = UU +
Count of Factor Contributing to Ignition #1 = NULL +
Count of Factor Contributing to Ignition #1 = 00 +
Count of Factor Contributing to Ignition #1 = UU +

Appendix 4

NFIRS 2008 Data Quality Rating Criteria

Count of Cause of Ignition = 5 +
Count of Cause of Ignition = U +
Count of Equipment Involved in Ignition = 000 +
Count of Equipment Involved in Ignition = UUU)
Divided by the total number of department fires
= Fire Module Data Quality Rating

Base DQ Rating + Fire Module DQ Rating = Overall Data Quality Rating

4.1 Data Quality Rating for Fire Module Fields:

Calculated WHERE Version = "4.1" AND
no aid was given AND the incident type was
a structure fire (does not include confined fires) OR
a mobile property used as fixed structure fire OR
a mobile property fire OR
a vegetation fire OR
a special outside fire OR
a crop fire

FOR EACH FIRE DEPARTMENT::
(Count of Item First Ignited = NULL +
Count of Item First Ignited = 00 +
Count of Item First Ignited = UU +
Count of Area of Fire Origin = NULL +
Count of Area of Fire Origin = 00 +
Count of Area of Fire Origin = UU +
Count of Heat Source = NULL +
Count of Heat Source = 00 +
Count of Heat Source = UU +
Count of Factor Contributing to Ignition #1 = NULL +
Count of Factor Contributing to Ignition #1 = 00 +
Count of Factor Contributing to Ignition #1 = UU +
Count of Cause of Ignition = 5 +
Count of Cause of Ignition = U +
Count of Equipment Involved in Ignition = 000 +
Count of Equipment Involved in Ignition = UUU)
Divided by the total number of department fires
= Version 4.1 Fire Module Data Quality Rating

Appendix 4

NFIRS 2008 Data Quality Rating Criteria

Version 5.0 Fire Module Data Quality Rating:

Calculated WHERE version = '5.0' AND
No aid was given AND the incident type was:
(a structure fire (does not include confined fires) OR
a mobile property used as fixed structure fire OR
a mobile property fire OR
a vegetation fire OR
a special outside fire OR
a crop fire)

FOR EACH FIRE DEPARTMENT:
(Count of Item First Ignited = NULL +
Count of Item First Ignited = 00 +
Count of Item First Ignited = UU +
Count of Area of Fire Origin = NULL +
Count of Area of Fire Origin = 00 +
Count of Area of Fire Origin = UU +
Count of Heat Source = NULL +
Count of Heat Source = 00 +
Count of Heat Source = UU +
Count of Factor Contributing to Ignition #1 = NULL +
Count of Factor Contributing to Ignition #1 = 00 +
Count of Factor Contributing to Ignition #1 = UU +
Count of Cause of Ignition = 5 +
Count of Cause of Ignition = U +
Count of Equipment Involved in Ignition = 000 +
Count of Equipment Involved in Ignition = UUU +
Count of Wildland Fire Cause = 0 +
Count of Wildland Fire Cause = U +
Count of Human Factor #1 = NULL +
Count of Human Factor Age = NULL
Divided by the total number of department fires
= Version 5.0 Fire Module Data Quality Rating

**If not collected, weight = 4*