

NMED Version 7.INL Data Dictionary

Two versions of the NMED software exist: the national version and state version. These versions are similar, but use some data fields differently. This document is based on the national version, but the major differences between it and the state version are mentioned.

The national NMED database consists of four files:

1. The program file contains the programming, screens, and reports that allow the user to enter event data. This file is named nmed7INL.mdb in the national version and nmed7.mdb in the state version.
2. The data file contains the actual event data. This file is named loc_data.mdb in the national version and locData7.mdb in the state version.
3. The pick list file contains the pick list data used for consistent data entry. This file is named loc_vald.mdb in the national version and locVald7.mdb in the state version.
4. A special file for recording coder comments for a particular event. This capability only exists in the national version, but these comments are not viewable on the website. This file is named locComm4.mdb. This file also contains tables used by NMEDComm2.mdb, a program used to assist in sending and tracking Requests for Additional Information (RAIs) sent to various state/NRC personnel.

Note that the state version also includes a transfer file, which provides the template to create the transfer files that the states may use to submit event data to the INL. This file is named locTran7.mdb in the state version.

In the national version, the NMED data file (loc_data.mdb) contains 12 separate data tables. Eleven of the tables are used during event entry and their particular usage depends on the type of event being entered (medical event, lost source, etc.). The other table (ABNOCC) contains the information published in NUREG-0090, *Report to Congress on Abnormal Occurrences*, for events in the national database. Table 1 is a listing of the data tables and Table 2 is a listing of the data fields (note that the ABNOCC fields are not included in Table 2).

In the state version, the data file (locData7.mdb) contains 11 separate data tables, the use of which depends on the type of event being entered (medical event, lost source, etc.). The table missing from the state version that is included in the national version is ABNOCC.

Table 1. Data Tables in loc_data.mdb

Data Table	Description
ABNOCC	This table contains the information published in NUREG-0090, <i>Report to Congress on Abnormal Occurrences</i> , for events in the national database.
locActions	This table contains any corrective action associated with the event.
locBasic	This is the table to which all other tables are linked. This table captures all of the basic event information, such as the licensee, location, and event summary.
locClasscds	This table contains any keywords (previously referred to as class codes) used to categorize the event.
locComponen	This table contains information on the source(s) of radiation involved in the event.
locEvent	This table contains the type of event, primary cause, and the number of persons involved in a medical event or personnel overexposure. The type of event determines which of the detail screens are available for data entry (locMisadmin for a medical event, locOverexpo for a personnel overexposure, etc.). A single event may involve more than

Data Table	Description
locMisadmin	one event type (such as a lost of material that results in an overexposure). This table contains the detailed information associated with a medical event.
locOverexpo	This table contains the detailed information associated with a personnel overexposure event.
locRelease	This table contains the detailed information associated with a release or contamination event.
locReport	This table contains the reference documents associated with the event.
locRpt_reqt	This table contains the regulatory requirement that makes the event reportable.
locSystem	This table contains information on the device/associated equipment involved in the event.

Table 2. Data Fields in loc_data.mdb

Data Field	Type	Size	Description (followed by the Associated Tables)
ABNRMOCC	Text	1	A Yes/No/Potential (Y/N/P) designation of whether or not this event has been classified as an Abnormal Occurrence by the NRC. (locBasic)
ABSTRACT	Memo		A concise statement of the important facts associated with the event. (locBasic)
ACTIVITY	Text	15	The activity, in Curies, of the non-radiopharmaceutical sealed or unsealed source of radioactive material involved in the event. (locComponen, locRelease)
AEA	Text	1	A Yes/No (Y/N) designation of whether or not radioactive material regulated by the Atomic Energy Act was involved in the event. (locBasic)
AGRESTAT	Text	2	A Yes/No (YS/NO) designation of whether or not an Agreement State regulates the responsible licensee. This field is only used in the national database. (locBasic)
AggCat	Text	2	The aggregate IAEA Category of the event (auto-generated). If NR, the aggregate IAEA Category could not be determined because some or all of the radionuclide(s) and/or the source activity(s) are missing. If NA, none of the radionuclide(s) are an IAEA radionuclide of concern. (locEvent)
ANLRPT	Text	2	A Yes/No (Y/N) designation of whether or not the record is complete (field is blank for item numbers < 990001). In the state version, identifies whether the event record is included in the transfer file. (locBasic)
ASRPTBLTY	Text	1	A Yes/No (Y/N) designation of whether or not the event is reportable per Agreement State regulations. (locBasic)
Cat	Text	2	The IAEA Category of the source (auto-generated). If NR is listed, the IAEA Category could not be determined because the radionuclide and/or the source activity is missing. If NA is listed, the radionuclide is not an IAEA radionuclide of interest. (locComponen)
CAUSE	Text	3	A code identifying the cause of the event. The description of the code is contained in the DESCRIP field of the CAUSE pick list table. (locEvent)

Data Field	Type	Size	Description (followed by the Associated Tables)
CAUSEOLD	Text	3	A code identifying the cause of the event for events entered using NMED v5. The description of the code is contained in the DESCRIP field of the CAUSEOLD pick list table. For new events, this field is no longer used. (locEvent)
CHEMGVN	Text	30	The pharmaceutical or chemical name of the radiopharmaceutical or sodium iodide administered. (locMisadmin)
CHEMINTD	Text	30	The pharmaceutical or chemical name of the radiopharmaceutical or sodium iodide prescribed. (locMisadmin)
CITY	Text	20	The licensee's city as it appears on the license. For a non-licensee, the city of the responsible or reporting party. (locBasic)
CITYOTHR	Text	25	The city of record of the additional involved party. (locBasic)
CLASSCDS	Text	3	A code identifying the keywords associated with the event. The description of the code is contained in the DESCRIPTIO field of the CLASCODE pick list table. (locClasscds)
CLASSEVT	Text	3	A code identifying the type of event. The description of the code is contained in the DESC field of the EVT_VAL pick list table. (locActions, locClasscds, locComponen, locEvent, locMisadmin, locOverexpo, locRelease, locRpt_req, locSystem)
CODRINIT	Text	3	The initials of the person that entered (coded) the event. (locReport)
COMPIDNO	Text	2	The individual source within a group of sources. (locComponen)
COMPONID	Text	30	The form of the source of radiation. (locComponen)
CONSEQNC	Text	30	The consequence associated with the event. These fields are not used in the national database. (locMisadmin, locOverexpo, locRelease)
CONSHIRED	Text	1	A Yes/No (Y/N) designation of whether or not an outside consultant was hired to review or assist in resolving the event. (locBasic)
CORRACT	Text	3	A code identifying the corrective actions associated with the event. The description of the code is contained in the DESCRIP field of the CORREC pick list table. (locActions)
DATEINFO	Date	8	The date that the patient or family member was informed of the medical event, in the format MM/DD/YYYY. (locMisadmin)
DOCKET	Text	8	The licensee's NRC docket number or NR (Not Reported). For non-NRC licensee's, NA (Not Applicable). This field is only used in the national database. (locBasic)
DOCKOTHR	Text	8	The additional involved party's eight-digit NRC docket number, if applicable. This field is only used (and only exists) in the national version. (locBasic)
DOSEGVN	Text	6	The therapeutic radiation dose, in rad, received by the patient. (locMisadmin)
DOSEINTD	Text	6	The therapeutic radiation dose, in rad, prescribed for the patient. (locMisadmin)
DSCRDATE	Date	8	The date the event was discovered, in the format MM/DD/YYYY. (locBasic)

Data Field	Type	Size	Description (followed by the Associated Tables)
ENTRYDTE	Date	8	The program-generated date that the event information was entered into the database, in the format MM/DD/YYYY. (locReport)
EVTDATE	Date	8	The date the event occurred (or began), in the format MM/DD/YYYY. (locBasic)
EXPDOSE	Text	7	The dose, in rem, received during an overexposure (non-medical). (locOverexpo)
EXPNUMBR	Text	3	The number of people receiving the dose in a medical or overexposure event. (locEvent, locMisadmin, locOverexpo)
FACTNUM	Text	2	The specific corrective action within a group of corrective actions. (locActions)
INVEST	Text	1	A Yes/No (Y/N) designation of whether or not a regulatory agency performed an investigation or follow-up inspection of the event. (locBasic)
ISOTGVN	Text	7	The radionuclide administered or utilized in connection with the medical event. (locMisadmin)
ISOTINTD	Text	7	The radionuclide prescribed in connection with the medical event. (locMisadmin)
ISOTOPE	Text	15	The radionuclide associated with the event (not medical events). (locComponen, locRelease)
ITEMNO	Text	12	The unique identification number for the event that represents the sequence in which the event was entered into the database. This field cannot be edited once it is populated. (locActions, locBasic, locClasscds, locComponen, locEvent, locMisadmin, locOverexpo, locRelease, locReport, locRpt_req, locSystem)
LASTUPDATE	Date	8	The date that the record was created or last modified (auto-generated). (locBasic)
LICENSEE	Text	50	The licensee's name as it appears on the license. For a non-licensee, the name of the responsible or reporting party. (locBasic)
LICNO	Text	14	The license number assigned by the regulatory agency. Allowable entries are Non-Licensee, General License, NR (Not Reported), or the license number. (locBasic)
LICNOTHR	Text	14	The license number of the additional involved party. (locBasic)
LKTSTRES	Text	12	The results, in microcuries, of the failed sealed source leak test. (locComponen)
MANUFACT	Text	20	The manufacturer of the source or device/associated equipment associated with the event. (locComponen, locSystem)
MCIGVN	Text	10	The activity, in millicuries, of the brachytherapy source or the radiopharmaceutical administered. (locMisadmin)
MCIINTD	Text	10	The activity, in millicuries, of the brachytherapy source or the radiopharmaceutical prescribed. (locMisadmin)
MODELNO	Text	20	The manufacturer's model number for the source or device/associated equipment. (locComponen, locSystem)
MULT	Number	8	A Yes/No/Inactive (1/0/2) designation of whether or not the event is closed by the state/region. (locBasic)

Data Field	Type	Size	Description (followed by the Associated Tables)
OLDFORM	Text	30	The form of the radioactive material for an event entered using NMED v5. For new events, this field is no longer used. This field is only used (and only exists) in the state version. (locComponen)
OLDUSE	Text	30	The use of the radioactive material for an event entered using NMED v5. For new events, this field is no longer used. For new events, this field is no longer used. This field is only used (and only exists) in the state version. (locComponen)
ORGNDOSE	Text	35	The specific part of the body that received the overexposure. (locOverexpo)
ORGNGVN	Text	30	The actual target organ or target site of the therapeutic procedure. (locMisadmin)
ORGNINTD	Text	30	The intended target organ or target site of the therapeutic procedure. (locMisadmin)
OTHRPRTY	Text	50	The name of the additional involved party. (locBasic)
PATINFO	Text	1	A Yes/No (Y/N) designation of whether or not the patient or the patient's family was informed of the medical event. (locMisadmin)
PCTOVREX	Text	10	The percentage that the administered dose exceeds the prescribed dose. (locMisadmin)
PCTUNDEX	Text	10	The percentage that the administered dose is less than the prescribed dose. (locMisadmin)
PERIDNO	Text	3	The individual person in a group of people involved in the same medical or overexposure event. (locMisadmin, locOverexpo)
PRGMCODE	Text	5	The program code assigned to the licensee by the NRC to characterize the type of program or operation the licensee is involved in. This field is only used in the national version. (locBasic)
PRGMOTHR	Text	5	The program code assigned to the additional involved party by the NRC to characterize the type of program or operation the licensee is involved in. This field is only used (and only exists) in the national version. (locBasic)
PROCGVN	Text	35	The therapeutic procedure performed. (locMisadmin)
PROCINTD	Text	35	The therapeutic procedure prescribed. (locMisadmin)
RECPRCTY	Text	5	The type of reciprocity agreement (if any) in place when the event occurred. (locBasic)
REFGROUP	Text	5	Used to group identical reference documents that have different reference numbers. This field is only used (and only exists) in the national version. (locReport)
REGION	Text	2	The NRC Region responsible for the event. This field is only used in the national version. (locBasic)
REGOTHR	Text	2	The NRC Region that contains the additional involved party's home of record. This field is only used (and only exists) in the national version. (locBasic)
RELESTYP	Text	15	The type of material release or contamination that occurred. (locRelease)

Data Field	Type	Size	Description (followed by the Associated Tables)
RPTBLEVT	Text	1	A Yes/No (Y/N) designation of whether or not the event is reportable per 10 CFR requirements. This field is only used in the national database. (locBasic)
RPTDATE	Date	8	The date the event was reported to the applicable regulatory agency. This field was replaced by the fields RPTDATEAS and RPTDATENRC and is no longer used. (locBasic)
RPTDATEAS	Date	8	The date that the event was initially reported to the Agreement State regulatory agency, in the format MM/DD/YYYY. This field is not used for NRC-regulated events. (locBasic)
RPTDATENRC	Date	8	The date the event was initially reported to the NRC, in the format MM/DD/YYYY. (locBasic)
RPTIDNO	Text	15	The document identification number for the supporting document. (locReport)
RPTREQ	Text	25	The reporting requirement reference number. The description of the requirement is contained in the REQUIREMT field of the RPTREQCD pick list table. (locRpt_reqt)
RPTSRC	Text	3	A code identifying the type of report that the information was acquired from. The description of the code is contained in the SRCDESC field of the SOURCCD pick list table. (locReport)
RTRCNDTE	Date	8	The date that a licensee retracted a report notification, in the format MM/DD/YYYY. (locReport)
SERIALNO	Text	20	The manufacturer's serial number for the source or device/associated equipment. (locComponen, locSystem)
SITEEVT	Text	25	The location (city, county, parish, grid number, etc.) where the event occurred. (locBasic)
STATE	Text	2	The licensee's state as it appears on the license. For a non-licensee, the state of the responsible or reporting party. (locBasic)
STATEEVT	Text	2	The state where the event occurred. (locBasic)
STATOTHR	Text	2	The state of record of the additional involved party. (locBasic)
STDYGVN	Text	30	The diagnostic study performed. (locMisadmin)
STDYINTD	Text	30	The diagnostic study prescribed. (locMisadmin)
SYSIDNO	Text	2	The individual device within a group of devices. (locSystem)
SYSTEMID	Text	30	Identifies the device/associated equipment. (locSystem)
ZIP	Text	10	The licensee's zip code as it appears on license. For a non-licensee, the zip code of the responsible or reporting party. (locBasic)
ZIPOTHR	Text	10	The zip code of the additional involved party. (locBasic)