NTL / MARC Variable Field mappings

The National Transportation Library has created this crosswalk from NTL's extended Dublin Core metadata to MARC to make NTL data more accessible to other libraries and information sources.

Note: Whenever possible, NTL field names are used in the underlined headings. If a heading is in square brackets, it does not have a corresponding field name. Items in **bold** are NTL field names.

001 – NTL record ID

Indicator 1: #
Indicator 2: #

Subfield a
- **NTL record ID number**

EXAMPLE:
001 # # $a []

003 – [Control number identifier]

Indicator 1: #
Indicator 2: #

Subfield a
- [Control number identifier]

EXAMPLE:
003 # # $a 3878779798

020 – ISBN

Indicator 1: #
Indicator 2: #

Subfield a
- contents of **ISBN** field

EXAMPLE:
020 # # $a 3878779798

022 – ISSN

Indicator 1: #
Indicator 2: #

Subfield a
- contents of **ISSN** field

EXAMPLE:
022 # # $a 0090-001X

035 – OCLC number

Indicator 1: #
Indicator 2: #

Subfield a
- (OCoLC) contents of **OCLC number** field

EXAMPLE:
035 # # $a (OCoLC)7374506

043 – Geographical coverage

Indicator 1: #
Indicator 2: #

Subfield a
- contents of code in the **Geographical coverage** field
- each location should be assigned its own subfield a

EXAMPLE:
043 # # $a n-us-md

088 – Use for Contract number(s), Report number(s), TRIS accession number, and NTIS number

Indicator 1: #
Indicator 2: #

Subfield a
- Contents of **Contract number(s)**, **Report number(s), TRIS accession number** and **NTIS number** fields
- each number should be assigned its own subfield a

EXAMPLE:
088 # # $a DOT-HS-810-762

IMPORTANT NOTE: There can be only one 100, 110, <u>or</u> 111 field in each record. If the item's **Resource type** is "Proceedings", the data in the **Conference title** field should be placed in a 111 field. Otherwise, the first personal creator listed should be the default entry in the 100 field. If there are no personal creators, a 110 field should be created for the first corporate creator listed in the record. All other personal and corporate creators/contributors should be assigned separate 700 and 710 fields, as appropriate

<u>100 – Personal creator</u>

Indicator 1: 1
Indicator 2: #

Subfield a
- personal name

Subfield c
- titles and other words associated with the name
- separated from the rest of the name by [comma][space]

Subfield q
- fuller form of name
- name should be inserted in parentheses

Subfield d
- dates associated with the name
- separated from title by [space][comma]

EXAMPLES:
100 1 # $a McGuire, John P. $q (John Patrick), $d1937-
100 1 # $a Huntley, M. Stephen, $c Jr.

<u>110 – Corporate creator</u>

NOTE: This field is for the first corporate creator listed <u>only</u>. All other corporate creators should be assigned separate 710 fields

Indicator 1:
- 1 – jurisdiction name (if name starts with United States[period])
- 2 – name in direct order

Indicator 2: #

Subfield a
- first part of **Corporate creator** name (break at [period])

Subfield b

- subordinate unit (remainder of **Corporate creator** name)
- separated from the rest of the name by [period][space]
- there may be multiple subordinate units (break at [period]); each should have it's own subfield b

EXAMPLES:
110 1 # $a United States. $bNational Highway Traffic Safety Administration
110 2 # $a University of Michigan. $b Highway Safety Research Institute. $b
       Policy Analysis Division

111 – Conference Title

NOTE: This field is only used if the **Resource type** is "Proceedings". If the **Resource type** is "In proceedings", all conference title information should be placed in a 711 field.

Indicator 1: 2
Indicator 2: #

Subfield a
- first part of conference name

Subfield c
- location of conference

Subfield d
- date of conference

Subfield e
- subordinate unit (remainder of conference name)

Subfield n
- conference number

EXAMPLE:
111 2 # $a International High-Occupancy Vehicle (HOV) Systems Conference $n
       (11th : $d 2002 : $c Seattle, Wash.)

245 – Title

Indicator 1:
    0 – use if there is no author entered in either the **Personal** or **Corporate creator**
      fields
    1 – use at all other times

Indicator 2 – number of non-filing characters present at the beginning of the title (0-9)
    Note: the space following A, An, and The is counted.

Subfield a
- main title

Subfield h
- [electronic resource]

Subfield b
- subtitle
- separated from the title by [space][colon][space]

Subfield n
- number of a section of a work, such as "Volume 2"
- separated from title by [space][period]

Subfield p
- name of a section of work
- separated from the number of the section by [comma][space]

Subfield c
- all creators' names un-inverted (e.g. "Smith, John" changed to "John Smith") – this includes all entries in the **Personal creator(s)** field. If there are no personal creator(s), include all entries in the **Corporate creator(s)** field here instead.
- Exception: If there are more than three **Personal creator(s),** only the first one is listed followed by the phrase "et al."
- separated from the rest of the title by [space][slash][space]

EXAMPLES:
245 1 3 $a An evaluation of a community service sanction for DWI $h[electronic resource] : $b the Baton Rouge community service work program. $n Volume 2, $p Community action programs / $c National Highway Traffic Safety Administration

245 1 0 $a Use of intermediaries in DWI deterrence $h[electronic resource]. $n Volume 1, $p Phase 2 report : $b development of intermediary programs / $c William A. Cozzens

246 – Alternate title

Indicator 1: 3
Indicator 2: #

Subfields – same as 245 subfields (except subfields h & c are not used)

EXAMPLE:
246 3 # $a Experimental field test of proposed anti-dart-out training programs. $n Volume 3, $p Program staff training materials and videotape/film An evaluation of a community service sanction for DWI

260 – Publication information & Copyright

Indicator 1: #
Indicator 2: #

Subfield a
- place of publication
- pulled from publisher information

Subfield b
- **Corporate publisher(s)** or **Personal publisher(s)**
- separated from place of publication by [space][colon][space]
- if there are multiple publishers, separate them by [space][colon][space] and a subfield b

Subfield c
- dates of publication and/or copyright
- pulled from **Publication date** field – year only
- separated from the publisher name by [comma][space]
- if the **Probable date** box is checked, put square brackets around the date
- if a there is a date stored in the **Copyright date** field, insert it using the following format: [comma][space]c[date]

EXAMPLES:
260 # # $a Washington, D.C. : $b United States. National Highway Traffic Safety
      Administration, $c 2006, c2005
260 # # $a Washington, D.C. : $b United States. Dept. of Transportation, $c [1967]

300 – [Physical description]

Indicator 1: #
Indicator 2: #

Subfield a
- extent (e.g. number of pages, total playing time, etc.)

Subfield b
- other physical details (e.g. illustrations)
- separated from the earlier data [space][colon][space]

EXAMPLE:
300 # # $a iv, 7 p. : $b col. ill.

310 – [Current publication frequency]

Indicator 1: #
Indicator 2: #

Subfield a
- Frequently updated
- only use for documents with Fixed Field bibliographic level "i"

EXAMPLE:
310 # # $a Frequently updated

<u>500 – Edition</u>

NOTE: Each **Edition** listed should be assigned its own 500 field

Indicator 1: #
Indicator 2: #

Subfield a
- Place each **Edition** statement in quotation marks (" ")

EXAMPLE:
500 # # $a "Final report"

<u>500 – [Date viewed note]</u>

Indicator 1: #
Indicator 2: #

Subfield a
- Title and description based on contents viewed [date]
- Pull [date] information from **Date Captured** field and put them in direct order (Month Day, Year)

EXAMPLE:
500 # # $a Title and description based on contents viewed May 16, 2007

<u>500 – Personal contributor(s)</u>

Indicator 1: #
Indicator 2: #

Subfield a
- Contributor: [contents of **Personal contributor(s)** field, un-inverted]
- if there is more than one personal contributor, change "Contributor" to "Contributors" and put a comma between the names

EXAMPLE:
500 # # $a Contributors: Marvin Levy, J. Neil Russell

<u>500 – Corporate creator(s)</u>

Indicator 1: #
Indicator 2: #

Subfield a

- Performing organization: [contents of **Corporate creator(s)** field]
- **only use if there are Personal Creators in the record**
- remove the periods between the main section of the name and any subordinate units
- if there is more than one Corporate Creator, change "organization" to "organizations" and put a comma between the names

EXAMPLE:
500 # # $a Performing organization: Anacapa Sciences, inc.

500 – Corporate contributor(s)

Indicator 1: #
Indicator 2: #

Subfield a
- Sponsoring agency: [contents of **Corporate contributor(s)** field]
- remove the periods between the main section of the name and any subordinate units
- if there is more than one personal contributor, change "agency" to "agencies" and put a comma between the names

EXAMPLE:
500 # # $a Sponsoring agencies: United States National Highway Traffic Safety Administration, United States Federal Highway Administration

500 – Contracting officer

Indicator 1: #
Indicator 2: #

Subfield a
- Contracting officer: [contents of **Contracting officer** field, un-inverted]
- if there is more than one contracting officer, change "officer" to "officers"

EXAMPLE:
500 # # $a Contracting officer: John C. Fegan

500 – Notes

Indicator 1: #
Indicator 2: #

Subfield a
- contents of the **Notes** field
- each note should be assigned its own subfield a

EXAMPLE:
500 # # $a Report originally published February 2006, this edition is an October 2007 reprint

513 – Period covered

Indicator 1: #
Indicator 2: #

Subfield b
- contents of **Period covered** field

EXAMPLE:
513 # $b January 2003 - December 2004

520 – Abstract

Indicator 1: 3
Indicator 2: #

Subfield a
- contents of **Abstract** field

EXAMPLE:
520 3 # $a This report (Volume 3 of three volumes) provides detailed descriptions of additional program materials suggested for use with the recommended version of a child pedestrian safety program. This volume contains additional materials and videotape/film scripts which have been recommended for use in the program. Training programs for the program coordinators and instructors are included, in addition to a program introductory videotape/film and videotape/film training vignettes for use in personnel training. /Abstract from report summary page/

538 – [Mode of access]

Indicator 1: #
Indicator 2: #

Subfield a
- Mode of access: World Wide Web

EXAMPLE:
538 # # $a Mode of access: World Wide Web

540 – Copyright Information

Indicator 1: #
Indicator 2: #

Subfield a
- Copyright: [contents of **Copyright** field]

EXAMPLE:
540 # # $a Copyright: Copyright © 2005, Commonwealth of Virginia. All rights reserved.

650 – Use for TRT Terms

NOTE: Each term listed should be assigned its own 650 field

Indicator 1: #
Indicator 2: 7

Subfield a
- contents of the **TRT term(s)**
Subfield 2
- Transportation Research Thesaurus

EXAMPLE:
650 # # $a Asphalt pavements $2 Transportation Research Thesaurus

690 – Use for NTL Classification and Subject keyword(s)

NOTE: Each term listed should be assigned its own 690 field

Indicator 1: #
Indicator 2: #

Subfield a
- contents of the **TRT term(s)**, and **Subject keyword(s)** fields
- include only the first level of the NTL **Classification** here
Subfield x
- second level of the NTL **Classification**

EXAMPLES:
690 # # $a National Household Travel Survey
690 # # $a Marine/waterways transportation $x Marine safety

700 – Use for remaining Personal Creator(s), and all Personal Contributor(s) or Contracting Officer

NOTE: Each person should be assigned a separate 700 field

Indicator 1: 1
Indicator 2: #

Subfield a
- personal name

Subfield c
- titles and other words associated with the name
- separated from the rest of the name by [comma][space]

Subfield q
- fuller form of name
- name should be inserted in parentheses

Subfield d
- dates associated with the name
- separated from title by [space][comma]

EXAMPLE:
700 1 # $a Solomon, M. G. $q (Mark Geoffrey)

710 – Use for remaining Corporate Creator(s) and any Corporate Contributor(s)

NOTE: Each **Corporate creator/contributor** should be assigned a separate 710 field

Indicator 1:
- 1 – jurisdiction name
- 2 – name in direct order

Indicator 2: #

Subfield a
- first part of corporate name

Subfield b
- subordinate unit (remainder of corporate name)
- separated from the rest of the name by [period][space]
- there may be multiple subordinate units; each should have it's own subfield b

EXAMPLE:
110 2 # $a University of Arkansas, Fayetteville. $b Dept. of Industrial Engineering

711 – Conference Title

NOTE: This field is only used if the **Resource type** is "In proceedings". If the **Resource type** is "Proceedings", all conference title information should be placed in a 111 field.

Indicator 1: 2
Indicator 2: #

Subfield a
- first part of conference name

Subfield c
- location of conference

Subfield d
- date of conference

Subfield e
- subordinate unit (remainder of conference name)

Subfield n
- conference number

EXAMPLE:
711 2 # $a International High-Occupancy Vehicle (HOV) Systems Conference $n (11th : $d 2002 : $c Seattle, Wash.)

77x fields

NOTE: The indicators and subfields are all the same for all 77x fields. Individual field titles are listed below.

773 – Use for Journal and Is Part Of
774 – Contains
775 – Is version of

Indicator 1: 0
Indicator 2: #

Subfield t
- **Journal title**

Subfield g
- Vol. **Volume**[comma][space]no. **Issue**[space][open parentheses]**PublishedDateMonth PublishedDateDay** [comma] **PublishedDateYear**[close parentheses][comma]Page numbers (from **Physical Description** field)
- E.g.: Vol. 25, no. 5 (May 15, 1996), p. 99-120

Subfield w
- (OCoLC)**OCLC** number

Subfield x
- **ISSN**

Subfield z
- **ISBN**

EXAMPLE:
773 0 # $t National geographic $g Vol. 1, no. 1 (Dec. 1959), p. 35-37 $w (OCoLC)6451257 $x 0027-9358

<u>780 – Use for Preceding Entry</u>

NOTE: The indicators and subfields are all the same for all 77x fields. Individual field titles are listed below.

Indicator 1: 0
Indicator 2: 0

Subfield t
- Preceding entry title

Subfield w
- Record control number
- Use NTL control number identifier and Record ID
- E.g.: []

EXAMPLE:
780 0 0 $t National survey of drinking and driving attitudes and behavior : 1999

<u>785 – Use for Succeeding Title</u>

Indicator 1: 0
Indicator 2: 0

Subfield t
- Succeeding entry title

Subfield w
- Record control number
- Use NTL control number identifier and Record ID
- E.g.: []

EXAMPLE:
780 0 0 $t National survey of drinking and driving attitudes and behavior : 2001

<u>787 – Use for Is Format Of, Requires, and References</u>

Indicator 1: 0
Indicator 2: #

Subfield t
- title

Subfield g
- field name

Subfield w
- Record control number
- Use NTL control number identifier and Record ID

- E.g.: []

787 0 # $t National geographic $g References

856 – Use for Primary URL, Alternate URLs, and Digital Object Identifier

NOTE: Each URL should be assigned a separate 856 field

Indicator 1: 4
Indicator 2:
- 0 – use for the **Primary URL** field
- 1 – use for any URLs in the **Alternate URL(s)** field or any URLs in the **Digital Object Identifier** field

Subfield u
- URL

Subfield q
- Information pulled from the **Format** field
- Use the following codes for each format:
  - DOC: application/msword
  - HTML: text/html
  - PDF: application/pdf
  - XLS: application/vnd.ms-excel

EXAMPLE:
856 4 0 $u http://ntl.bts.gov/lib/26000/26700/26710/1437-NHTSAs_Pedestrian_Safety_Program-09-04.pdf $q application/pdf