Federal Library Bibliographic Record Analysis

2014
The Federal Highway Administration (FHWA) Research Library supports ongoing research, development, and technology activities to develop near-term solutions for the Nation's most pressing challenges; find transformative opportunities that will meet future needs; and transfer those research results to the transportation community. The library furnishes collections and maintains research reports and publications; provides access to electronic resources; conducts literature searches and information scans; and supplies other services for the research needs of FHWA staff.

**Bibliographic level as percent of total records**

- Monographic comp. part (63%)
- Monograph/Item (36%)
- Serial (1%)

**Type of record as percent of total records**

- a = Language material (100%)
- other (0%)

**Top 10 languages of publication**

<table>
<thead>
<tr>
<th>Language</th>
<th>Number of Records</th>
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<tbody>
<tr>
<td>English</td>
<td>20,255</td>
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<tr>
<td>French</td>
<td>8</td>
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<tr>
<td>Spanish</td>
<td>5</td>
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<tr>
<td>Undetermined</td>
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<tr>
<td>Swedish</td>
<td>3</td>
</tr>
<tr>
<td>German</td>
<td>3</td>
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<tr>
<td>Multiple languages</td>
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<tr>
<td>Japanese</td>
<td>2</td>
</tr>
<tr>
<td>Hebrew</td>
<td>1</td>
</tr>
</tbody>
</table>

**Ten most commonly occurring main titles**

1. impact attenuators (18)
2. enhanced night visibility series (17)
3. dynamic pile monitoring and pile load test report (10)
4. condition evaluation of concrete bridges relative to reinforcement corrosion (7)
5. development of human factors guidelines for advanced traveler information systems atis and commercial vehicle operations cvo (7)
6. ivhs institutional issues and case studies (7)
7. national voluntary laboratory accreditation program (7)
8. 511 americas traveler information number (6)
9. concrete bridge protection and rehabilitation (6)
10. dynamic pile monitoring report (6)

**Country of publication**

- 1 record
- 12,907 records
Percent of total bibliographic records matching, by institution

- USAFA 1.63%
- USAFB 0.01%
- USAIR 0.32%
- USARL 0.13%
- USCGA 1.04%
- USDKL 1.63%
- USEPA 1.28%
- USFDA 0.18%
- USFSL 0.59%
- USGCM 0.06%
- USGSL 1.14%
- USLOC 14.54%
- USMAL 1.44%
- USMCU 0.13%
- USNAV 1.16%
- USCI 0.09%
- USNDD 0.43%
- USNDN 0.14%
- USNFS 0.08%
- USNIH 0.47%
- USNL 0.34%
- USNOA 0.85%
- USNTL 7.85%
- USNCI 0.09%
- USNDD 0.43%
- USNDN 0.14%
- USNFS 0.08%
- USNIH 0.47%
- USUSU 0.12%
- USWHS 0.24%
20th Century

Country of publication

All records  
- United States: 716
- Design and Construction: 592
- Pavements: 419
- Maintenance and Repair: 349
- Texas: 268
- Bridges: 241
- Congresses: 226
- Evaluation: 224
- Concrete: 207
- Safety Measures: 202
- Pavements, Concrete: 183
- Transportation: 170
- Pavements, Asphalt: 168
- Traffic Signs and Signals: 164
- Handbooks, Manuals, etc: 151
- Intelligent Transportation Systems: 148
- Data Processing: 143
- Research: 138

Overlap records  
- United States: 175
- Design and Construction: 119
- Congresses: 83
- Pavements: 69
- Texas: 56
- Transportation: 54
- Maintenance and Repair: 49
- Safety Measures: 48
- Concrete: 47
- Traffic Engineering: 40
- Data Processing: 39
- Pavements, Asphalt: 36
- Bridges: 35
- Periodicals: 32
- Traffic Safety: 31
- Pavements, Concrete: 30
- Road Materials: 28
- Handbooks, Manuals, etc: 27

Language of publication

(Chart excludes English and Undetermined)

All records  
- English (4,262 | 975)
- French (8 | 0)
- Spanish (3 | 1)
- German (3 | 0)
- Swedish (3 | 0)
- Japanese (2 | 0)
- Multiple languages (1 | 1)

Overlap records  
- English (180 | 48)
- French (8 | 0)
- Spanish (3 | 1)
- German (3 | 0)
- Swedish (3 | 0)
- Japanese (2 | 0)
- Multiple languages (1 | 1)

Frequently occurring subject terms

All records
- Roads: 797
- Testing: 779
- United States: 716
- Design and Construction: 592
- Pavements: 419
- Maintenance and Repair: 349
- Texas: 268
- Bridges: 241
- Congresses: 226
- Evaluation: 224
- Concrete: 207
- Safety Measures: 202
- Pavements, Concrete: 183
- Transportation: 170
- Pavements, Asphalt: 168
- Traffic Signs and Signals: 164
- Handbooks, Manuals, etc: 151
- Intelligent Transportation Systems: 148
- Data Processing: 143
- Research: 138

Overlap records
- United States: 204
- Testing: 180
- Roads: 175
- Design and Construction: 119
- Congresses: 83
- Pavements: 69
- Texas: 56
- Transportation: 54
- Maintenance and Repair: 49
- Safety Measures: 48
- Concrete: 47
- Traffic Engineering: 40
- Data Processing: 39
- Pavements, Asphalt: 36
- Bridges: 35
- Periodicals: 32
- Traffic Safety: 31
- Pavements, Concrete: 30
- Road Materials: 28
- Handbooks, Manuals, etc: 27

Percent of total bibliographic records matching, by institution

- USAFA 1.56%
- USAFB 0.00%
- USAIR 0.21%
- USARL 0.05%
- USCGA 1.12%
- USDKL 0.93%
- USEPA 1.00%
- USFDA 0.09%
- USFSL 0.56%
- USGCM 0.00%
- USGSL 1.03%
- USNAL 0.61%
- USNAV 0.82%
- USNCI 0.02%
- USNDD 0.30%
- USNLM 0.16%
- USNOS 0.70%
- USNTL 7.30%
- USNWC 0.23%
- USSIL 0.75%
- USUSU 0.07%
- USWHS 0.09%
Other (pre-1500, post-2010, or insufficient information)

**Country of publication**

- All records
- Overlap records

**Language of publication**

- All records
- Overlap records

<table>
<thead>
<tr>
<th>Subject Term</th>
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<th>Overlap records</th>
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<td>Management</td>
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<tr>
<td>Pavements, concrete</td>
<td>429</td>
<td>62</td>
</tr>
</tbody>
</table>

**Frequently occurring subject terms**

- All records
- Overlap records

**Percent of total bibliographic records matching, by institution**

- USAFA 1.69%
- USAFB 0.01%
- USAIR 0.37%
- USARL 0.15%
- USCGA 0.86%
- USDKL 1.33%
- USEPA 1.47%
- USFDA 0.19%
- USFSL 0.63%
- USGCM 0.04%
- USGSL 1.22%
- USLOC 13.44%
- USMAL 1.43%
- USMCU 0.12%
- USNAL 0.71%
- USNAV 1.12%
- USNCI 0.07%
- USNDD 0.43%
- USNFS 0.10%
- USNIH 0.48%
- USNLM 0.38%
- USNOA 0.85%
- USNTL 5.97%
- USNWC 0.19%
- USSIL 0.74%
- USUSU 0.13%
- USWHS 0.28%
The use of Library of Congress (LCC) and National Library of Medicine (NLM) classifications for topical analysis is experimental and intended to demonstrate future potential for topical analysis. In addition to the MARC 050 and 060 fields, other, non-standard fields, which contained LCC and NLM numbers were also used.
**The use of Dewey Decimal classifications for topical analysis is experimental and intended to demonstrate future potential for topical analysis. In addition to the MARC 082 field, other, non-standard fields, which contained Dewey Decimal Classification numbers were also used.**