

Call for Abstracts

## STS Poster Session: Abstract Submission Form

The Research Committee of the ACRL Science and Technology Section (STS) is hosting its Annual Poster Session at the 2021 American Library Association Annual Conference in Chicago, IL. The posters will be presented both asynchronously and in two synchronous virtual sessions on Monday June 21 and Monday June 28 at 2pm ET. Presenters should also be available to respond to asynchronous comments on their posters for one week following the second virtual session.

The Poster Session provides an excellent opportunity to share a wide range of research projects relevant to science and technology librarianship and to interact and discuss research with session attendees.

Submissions will be blind reviewed and selected based on the quality of the submission and the demonstration of significant progress toward completing the research project by June 2021. This includes: brief background information about your project, the research question or problem that drove your project, the methods used, your findings, a brief discussion that includes the impact of your project, and a brief description of any equity, diversity, or inclusion considerations in your work.

Poster session presenters are not required to be registered for the ALA Annual Conference. The deadline for Poster Session abstract submissions is Friday, February 19, 2021.

Available at [https://docs.google.com/forms/d/e/1FAIpQLSe-2sa1KQpiySLX8iv2EWvWDTFf-Ejmhj42\\_HzjFb7uhsM7zQ/viewform](https://docs.google.com/forms/d/e/1FAIpQLSe-2sa1KQpiySLX8iv2EWvWDTFf-Ejmhj42_HzjFb7uhsM7zQ/viewform)

## The Value of Republishing Scientific Literature in Institutional Repositories

### ABSTRACT

#### **Background:**

The XXX [institution] University Libraries institutional repository was founded in 2005 on the YYY [specific repository platform] platform. It currently contains more than 115,000 full-text scholarly works that have been downloaded over 70,000,000 times.

#### **Problem that drove the project:**

Older scientific literature may only occasionally circulate from university library collections or be purchased by readers from remaindered publishers' stock.

#### **Methods:**

This research will employ statistical analyses to demonstrate the value of making available four series of scientific literature in the XXX [institution] YYY [named institutional repository]: *Insecta Mundi*, the *ZZZ Bird Review*, the *Transactions of the ZZZ Academy of Sciences*, and scientific research from the XXX State Museum.

Additionally, we will describe the process of selecting, acquiring, and processing these items to prepare them for upload.

#### **Findings:**

As of February 19, 2021, the materials in the four series include collectively 3,859 items which have been downloaded 1,256,191 times.

#### **Discussion:**

When older scientific publications are uploaded to an institutional repository, their download numbers can be staggering across all subjects and all years.

#### **Equity, diversity, and inclusion considerations:**

Uptake in World Bank–designated low- and middle-income (LMI) countries of these materials accounts for approximately 31% of their downloads.

#### **Impact:**

We will explain what we know about the readership of these materials and make a case for their broad value both within and beyond academia.

### KEYWORDS

Institutional repositories, Scientific literature, Republishing, Readership

Submission with Identifying Information

## **The Value of Republishing Scientific Literature in Institutional Repositories**

Sue Ann Gardner, Paul Royster, and Linnea Fredrickson  
University of Nebraska–Lincoln

### ABSTRACT

#### **Background:**

The University of Nebraska-Lincoln University Libraries institutional repository was founded in 2005 on the Digital Commons platform. It currently contains more than 115,000 full-text scholarly works that have been downloaded over 70,000,000 times.

#### **Problem that drove the project:**

Older scientific literature may only occasionally circulate from university library collections or be purchased by readers from remaindered publishers' stock.

#### **Methods:**

This research will employ statistical analyses to demonstrate the value of making available four series of scientific literature in the University of Nebraska-Lincoln University Libraries Digital Commons: *Insecta Mundi*, the *Nebraska Bird Review*, the *Transactions of the Nebraska Academy of Sciences*, and scientific research from the University of Nebraska State Museum.

Additionally, we will describe the process of selecting, acquiring, and processing these items to prepare them for upload.

#### **Findings:**

As of February 19, 2021, the materials in the four series include collectively 3,859 items which have been downloaded 1,256,191 times.

#### **Discussion:**

When older scientific publications are uploaded to an institutional repository, their download numbers can be staggering across all subjects and all years.

#### **Equity, diversity, and inclusion considerations:**

Uptake in World Bank–designated low- and middle-income (LMI) countries of these materials accounts for approximately 31% of their downloads.

#### **Impact:**

We will explain what we know about the readership of these materials and make a case for their broad value both within and beyond academia.

### KEYWORDS

Institutional repositories, Scientific literature, Republishing, Readership

DATA (from UNL Digital Commons as of February 19, 2021)

### Series

*Insecta Mundi*; *Nebraska Bird Review*; *Transactions of the Nebraska Academy of Sciences*;  
University of Nebraska State Museum scientific materials

<b>Total items in the four series</b>	<b>3,859</b>
<b>Total downloads</b>	<b>1,256,191</b>
<b>Total high-income country downloads</b>	<b>427,631</b>
<b>Total low- and middle-income country downloads</b>	<b>194,427</b>
<b>Total low- and middle-income country % of country downloads</b>	<b>31.3%</b>

#### *Insecta Mundi* (<https://digitalcommons.unl.edu/insectamundi/>)

Items	1,347
Total downloads	588,261
High-income country downloads	155,059
Low- and middle-income country downloads	98,576
Low- and middle-income country percent of country downloads	38.9%

#### *Nebraska Bird Review* (<https://digitalcommons.unl.edu/nebbirdrev/>)

Items	1,375
Total downloads	58,669
High-income country downloads	37,112
Low- and middle-income country downloads	7,596
Low- and middle-income country percent of country downloads	17.0%

#### *Transactions of the Nebraska Academy of Sciences* (<https://digitalcommons.unl.edu/tnas/>)

Items	528
Total downloads	237,926
High-income country downloads	121,443
Low- and middle-income country downloads	44,116
Low- and middle-income country percent of country downloads	26.6%

#### **University of Nebraska State Museum materials** (<https://digitalcommons.unl.edu/museum/>)

Items	637
Total downloads	371,603
High-income country downloads	114,017
Low- and middle-income country downloads	44,139
Low- and middle-income country percent of country downloads	27.9%

Series: *Bulletin* of the University of Nebraska State Museum, Entomology papers; Mammalogy papers; *Museum Notes*; Publications of UNSM staff and affiliates, *Special Publications* of the University of Nebraska State Museum, *World of Viruses*

## Data from the UNL University Libraries Digital Commons as of February 19, 2021

### *Insecta Mundi*

1,347 items as of February 19, 2021

588,261 total downloads as of February 19, 2021 (average 437 downloads per item)

Downloads by country (does not add up to number of total downloads)

Regions	Downloads
United States	80398
China	13399
Mexico	11447
Brazil	10387
France	8474
India	7399
Germany	7200
United Kingdom	6476
Colombia	6187
Canada	6055
Japan	4716
Italy	4529
Russian Federation	4198
Spain	3677
Australia	3213
Indonesia	3002
Peru	2934
Argentina	2928
Netherlands	2707
Philippines	2668
Czech Republic	2589

Regions	Downloads
Korea, Republic of	2502
Viet Nam	2328
Chile	2328
Singapore	2108
Poland	2063
Puerto Rico	1891
Ecuador	1797
Turkey	1685
South Africa	1636
Iran, Islamic Republic of	1527
Pakistan	1517
Thailand	1503
Costa Rica	1490
Nigeria	1345
Taiwan	1277
Ukraine	1190
Malaysia	1158
Trinidad and Tobago	1012
Panama	1011
Cuba	920
Belgium	858
Guatemala	779
New Zealand	745
Hungary	719
Sweden	710

Regions	Downloads
Austria	691
Egypt	682
Honduras	670
Switzerland	654
Romania	639
Venezuela, Bolivarian Republic of	614
Dominican Republic	592
Slovakia	563
Finland	539
Bolivia, Plurinational State of	500
Barbados	494
Iraq	484
Hong Kong	456
Portugal	445
Latvia	441
Kenya	433
Greece	429
Israel	428
Bulgaria	418
Tanzania, United Republic of	410
Ghana	388
Denmark	380
Jamaica	365
Serbia	348
Norway	338

Regions	Downloads
Algeria	337
Sri Lanka	331
Ethiopia	330
Paraguay	320
<b>Uruguay</b>	<b>320</b>
El Salvador	310
<b>Saudi Arabia</b>	<b>305</b>
<b>Ireland</b>	<b>296</b>
Myanmar	274
Bangladesh	262
Nicaragua	241
Cameroon	224
<b>Croatia</b>	<b>212</b>
<b>Virgin Islands (US)</b>	<b>198</b>
Uganda	181
Morocco	180
<b>Slovenia</b>	<b>174</b>
Nepal	168
Zambia	164
Tunisia	159
Belarus	155
Syrian Arab Republic	154
<b>Estonia</b>	<b>150</b>
Cambodia	149
<b>Lithuania</b>	<b>144</b>



Regions	Downloads
Côte d'Ivoire	139
Togo	137
<b>United Arab Emirates</b>	<b>130</b>
Senegal	126
Benin	126
Dominica	124
<b>Antigua and Barbuda</b>	<b>116</b>
<b>Cayman Islands</b>	<b>116</b>
Kazakhstan	115
<b>Iceland</b>	<b>112</b>
<b>Guadeloupe</b>	<b>108</b>
<b>Bahamas</b>	<b>104</b>
<b>Martinique</b>	<b>101</b>
Mozambique	98
<b>Bonaire, Saint Eustatius, and Saba</b>	<b>97</b>
Moldova	94
Zimbabwe	91
<b>French Guiana</b>	<b>87</b>
Saint Vincent and The Grenadines	85
Belize	82
Sudan	81
<b>Luxembourg</b>	<b>76</b>
Uzbekistan	72
<b>New Caledonia</b>	<b>70</b>
Georgia	70

Regions	Downloads
Libya	62
Lebanon	61
Botswana	59
Jordan	57
<b>Mauritius</b>	<b>57</b>
<b>Cyprus</b>	<b>57</b>
Grenada	56
<b>Malta</b>	<b>56</b>
Suriname	56
Saint Lucia	55
Namibia	54
Macedonia, The Former Yugoslav Republic of	53
<b>Oman</b>	<b>53</b>
<b>Seychelles</b>	<b>53</b>
Armenia	51
Burkina Faso	50
Rwanda	50
Madagascar	48
Somalia	46
Haiti	42
<b>Virgin Islands (British)</b>	<b>41</b>
<b>Curacao</b>	<b>40</b>
Fiji	39
<b>Saint Martin</b>	<b>39</b>
Tajikistan	39

Regions	Downloads
<b>Saint Kitts and Nevis</b>	<b>38</b>
Democratic Republic of Congo	38
<b>Reunion</b>	<b>38</b>
Albania	38
Mongolia	38
Guyana	37
Azerbaijan	34
Papua New Guinea	32
Bhutan	32
Burundi	31
Bosnia and Herzegovina	31
Lao People's Democratic Republic	31
<b>Turks and Caicos Islands</b>	<b>28</b>
Angola	27
<b>Brunei Darussalam</b>	<b>25</b>
Malawi	25
Afghanistan	23
Mali	23
Palestinian Territories	22
<b>Qatar</b>	<b>21</b>
<b>Anguilla</b>	<b>20</b>
Gambia	19
<b>French Polynesia</b>	<b>18</b>
Yemen	18
<b>Aruba</b>	<b>17</b>

Regions	Downloads
Gabon	16
<b>Sint Maarten</b>	<b>16</b>
<b>Guam</b>	<b>14</b>
Korea, Democratic People's Republic of	14
Lesotho	12
<b>Bahrain</b>	<b>11</b>
Kyrgyzstan	11
<b>Kuwait</b>	<b>11</b>
Swaziland	10
Timor-Leste, Democratic Republic of	9
Niger	9
<b>Cook Islands</b>	<b>8</b>
<b>Bermuda</b>	<b>8</b>
Sierra Leone	8
Cabo Verde	8
Liberia	7
<b>Jersey</b>	<b>7</b>
Montenegro	7
Republic of Congo	6
<b>Isle of Man</b>	<b>6</b>
<b>Macao</b>	<b>6</b>
South Sudan	6
<b>Montserrat</b>	<b>5</b>
Sao Tome and Principe	5
<b>Gibraltar</b>	<b>4</b>

Regions	Downloads
Maldives	4
Turkmenistan	4
Vanuatu	4
Solomon Islands	4
Djibouti	3
Guinea	3
Comoros	3
Monaco	3
Tonga	3
Guernsey	3
Andorra	2
Antarctica	2
Micronesia, Federated States of	2
Faroe Islands	2
Liechtenstein	2
Chad	2
Central African Republic	1
Eritrea	1
Falkland Islands	1
Marshall Islands	1
Palau	1
San Marino	1
Vatican City State	1
Samoa	1
Mayotte	1

*Nebraska Bird Review*

1,375 items as of February 19, 2021

58,669 total downloads as of February 19, 2021 (average 43 downloads per item)

Downloads by country (does not add up to number of total downloads)

Regions	Downloads
United States	29848
China	4543
France	1280
Singapore	1097
Canada	1059
United Kingdom	1050
Russian Federation	526
Germany	468
India	409
Italy	372
Ukraine	195
Netherlands	190
South Africa	189
Australia	148
Brazil	143
Nigeria	139
Korea, Republic of	126
Spain	122
Mexico	120
Poland	111
Malaysia	98
Romania	97

Regions	Downloads
Philippines	93
<b>Sweden</b>	<b>89</b>
Indonesia	88
<b>Ireland</b>	<b>86</b>
<b>Japan</b>	<b>81</b>
<b>Trinidad And Tobago</b>	<b>80</b>
Turkey	67
Pakistan	66
<b>Czech Republic</b>	<b>56</b>
<b>Belgium</b>	<b>49</b>
Ghana	48
<b>Portugal</b>	<b>45</b>
<b>Saudi Arabia</b>	<b>45</b>
<b>Taiwan</b>	<b>42</b>
Thailand	40
Viet Nam	40
<b>Hungary</b>	<b>39</b>
Sudan	39
Argentina	39
<b>Latvia</b>	<b>36</b>
<b>Norway</b>	<b>36</b>
<b>Hong Kong</b>	<b>35</b>
<b>Finland</b>	<b>35</b>
Tanzania, United Republic of	35
Kenya	34

Regions	Downloads
Switzerland	32
Bangladesh	32
Jamaica	30
Israel	29
Bahamas	27
Greece	26
New Zealand	26
Iraq	23
Lithuania	23
Morocco	22
Bulgaria	22
Denmark	22
Austria	21
Chile	20
Iran, Islamic Republic of	20
Barbados	20
Costa Rica	19
Estonia	19
Peru	18
Uganda	18
Ecuador	18
Colombia	17
Venezuela, Bolivarian Republic of	16
Zambia	16
Nepal	15



Regions	Downloads
Moldova	15
Egypt	14
<b>Croatia</b>	<b>14</b>
<b>United Arab Emirates</b>	<b>14</b>
Guatemala	13
Saint Lucia	13
<b>Iceland</b>	<b>12</b>
Cameroon	11
Sri Lanka	11
Algeria	11
Ethiopia	10
Kazakhstan	10
<b>Luxembourg</b>	<b>10</b>
<b>Slovenia</b>	<b>10</b>
<b>Uruguay</b>	<b>10</b>
<b>Panama</b>	<b>9</b>
Burkina Faso	8
Cambodia	8
Senegal	8
Mozambique	8
Guyana	7
<b>Puerto Rico</b>	<b>7</b>
Uzbekistan	7
Belize	7
<b>Slovakia</b>	<b>7</b>

Regions	Downloads
Tunisia	6
Namibia	6
Zimbabwe	6
Bosnia and Herzegovina	6
Belarus	5
Côte d'Ivoire	5
Azerbaijan	5
<b>Mauritius</b>	<b>5</b>
Serbia	5
El Salvador	5
Togo	5
Benin	5
Macedonia, The Former Yugoslav Republic of	5
<b>Bermuda</b>	<b>4</b>
Armenia	4
<b>Cyprus</b>	<b>4</b>
Dominican Republic	4
Fiji	4
Georgia	4
Honduras	4
Haiti	4
<b>Jersey</b>	<b>4</b>
Jordan	4
Korea, Democratic People's Republic of	4
Lesotho	4

Regions	Downloads
Myanmar	4
Malta	4
Oman	4
Seychelles	4
Turkmenistan	4
Saint Vincent and the Grenadines	4
Virgin Islands (British)	4
Vanuatu	4
Bolivia, Plurinational State of	4
Angola	3
Cabo Verde	3
Dominica	3
Kyrgyzstan	3
Kuwait	3
Libya	3
Mali	3
Macao	3
Papua New Guinea	3
Palestinian Territories	3
Paraguay	3
Qatar	3
Somalia	3
Antigua and Barbuda	2
Cuba	2
Djibouti	2

Regions	Downloads
<b>Guam</b>	<b>2</b>
Lebanon	2
Mongolia	2
Suriname	2
Botswana	2
<b>Anguilla</b>	<b>1</b>
Burundi	1
<b>Bonaire, Saint Eustatius and Saba</b>	<b>1</b>
Democratic Republic of Congo	1
Republic of Congo	1
Grenada	1
<b>Guernsey</b>	<b>1</b>
Yemen	1
Madagascar	1
<b>Martinique</b>	<b>1</b>
Malawi	1
Nicaragua	1
Rwanda	1
Solomon Islands	1
Sierra Leone	1
<b>Sint Maarten</b>	<b>1</b>
Syrian Arab Republic	1
Swaziland	1
Chad	1
Tajikistan	1

Regions	Downloads
Virgin Islands (US)	1
Lao People's Democratic Republic	1

*Transactions of the Nebraska Academy of Sciences*

528 items as of February 19, 2021

237,926 total downloads as of February 19, 2021 (average 451 downloads per item)

Downloads by country (does not add up to number of total downloads)

Regions	Downloads
United States	83557
United Kingdom	9061
India	6867
Philippines	5555
Canada	5365
China	4230
Australia	2644
Germany	2618
Nigeria	2495
France	1909
Indonesia	1759
Russian Federation	1648
South Africa	1644
Mexico	1475
Brazil	1469
Italy	1414
Singapore	1368
Pakistan	1300
Spain	1150
Netherlands	1140
Korea, Republic of	1093
Malaysia	1086

Regions	Downloads
Turkey	848
<b>Poland</b>	<b>795</b>
<b>Japan</b>	<b>793</b>
Tanzania, United Republic of	759
Kenya	736
Iran, Islamic Republic of	729
Ghana	650
<b>Hong Kong</b>	<b>600</b>
<b>New Zealand</b>	<b>589</b>
<b>Sweden</b>	<b>572</b>
Ethiopia	564
Thailand	547
Zambia	544
<b>Ireland</b>	<b>521</b>
Ukraine	505
Zimbabwe	484
Egypt	472
Colombia	464
Viet Nam	458
Argentina	406
<b>Finland</b>	<b>380</b>
<b>Romania</b>	<b>364</b>
<b>Greece</b>	<b>359</b>
<b>Saudi Arabia</b>	<b>344</b>
<b>Czech Republic</b>	<b>340</b>

Regions	Downloads
United Arab Emirates	329
Norway	319
Switzerland	307
Belgium	296
Algeria	291
Taiwan	283
Portugal	279
Uganda	269
Sri Lanka	263
Bangladesh	263
Iraq	258
Fiji	255
Israel	255
Austria	245
Denmark	233
Nepal	230
Ecuador	225
Cameroon	211
Peru	203
Hungary	201
Kazakhstan	195
Chile	186
Jamaica	183
Iceland	174
Serbia	162



Regions	Downloads
Croatia	157
Slovakia	144
Morocco	134
Jordan	131
Lithuania	128
Bulgaria	126
Namibia	122
Myanmar	115
Lebanon	111
Libya	98
Trinidad and Tobago	97
Costa Rica	95
Uzbekistan	95
Slovenia	91
Belarus	90
Tunisia	88
Malta	87
Lesotho	86
Venezuela, Bolivarian Republic of	85
Malawi	84
Latvia	80
Puerto Rico	77
Estonia	75
Cambodia	66
Rwanda	64

Regions	Downloads
Mozambique	64
Bosnia and Herzegovina	61
Georgia	59
<b>Kuwait</b>	<b>59</b>
Albania	58
Botswana	58
Moldova	58
El Salvador	57
<b>Mauritius</b>	<b>55</b>
Macedonia, The Former Yugoslav Republic of	53
Armenia	48
<b>Panama</b>	<b>48</b>
<b>Cyprus</b>	<b>47</b>
Bhutan	47
Azerbaijan	46
<b>Uruguay</b>	<b>46</b>
<b>Qatar</b>	<b>45</b>
<b>Luxembourg</b>	<b>45</b>
Sudan	43
Guatemala	42
Bolivia, Plurinational State of	42
Belize	40
Guyana	40
<b>Oman</b>	<b>39</b>
Palestinian Territories	38

Regions	Downloads
Gambia	37
Honduras	35
Swaziland	34
Cuba	33
Papua New Guinea	33
Senegal	33
Côte d'Ivoire	33
<b>Barbados</b>	<b>31</b>
Nicaragua	29
Sierra Leone	29
Syrian Arab Republic	29
Yemen	28
Maldives	28
Mongolia	27
Angola	25
Dominican Republic	24
<b>Bahrain</b>	<b>22</b>
<b>Brunei Darussalam</b>	<b>22</b>
Togo	19
<b>Seychelles</b>	<b>18</b>
Kyrgyzstan	18
Burundi	17
Benin	17
Democratic Republic of Congo	16
Montenegro	16

Regions	Downloads
Madagascar	15
Gabon	14
Somalia	14
<b>Bahamas</b>	<b>13</b>
<b>Guam</b>	<b>13</b>
Paraguay	12
Mali	11
<b>Macao</b>	<b>11</b>
Niger	11
<b>French Polynesia</b>	<b>11</b>
Solomon Islands	11
Saint Vincent and The Grenadines	11
Afghanistan	10
South Sudan	10
Burkina Faso	9
Korea, Democratic People's Republic of	9
Suriname	9
Liberia	9
<b>Saint Kitts and Nevis</b>	<b>8</b>
<b>Guadeloupe</b>	<b>8</b>
Lao People's Democratic Republic	7
<b>Gibraltar</b>	<b>7</b>
Grenada	6
<b>French Guiana</b>	<b>6</b>
<b>Guernsey</b>	<b>6</b>

Regions	Downloads
Saint Lucia	6
Dominica	6
Antigua and Barbuda	5
Jersey	5
Monaco	5
Haiti	5
Cabo Verde	4
Djibouti	4
Cayman Islands	4
Virgin Islands (US)	4
Samoa	4
Republic of Congo	3
Guinea	3
Sint Maarten	3
Tonga	3
Vatican City State	3
Virgin Islands (British)	3
Mayotte	3
American Samoa	2
Bermuda	2
Cook Islands	2
Palau	2
Chad	2
Tajikistan	2
Timor-Leste, Democratic Republic of	2

Regions	Downloads
Turkmenistan	2
Vanuatu	2
Aruba	2
Antarctica	1
United States Minor Outlying Islands	1
Eritrea	1
Guinea-Bissau	1
Comoros	1
Marshall Islands	1
Martinique	1
Mauritania	1
New Caledonia	1
Nauru	1
Reunion	1
San Marino	1
Bonaire, Saint Eustatius and Saba	1

University of Nebraska State Museum materials

637 items as of February 19, 2021

371,603 total downloads as of February 19, 2021 (average 583 downloads per item)

Downloads by country (does not add up to number of total downloads)

Regions	Downloads
United States	78882
China	12059
United Kingdom	5567
Mexico	4962
Canada	4180
Brazil	4155
France	3107
Germany	2895
India	2477
Russian Federation	1882
Colombia	1725
Italy	1641
Australia	1570
Singapore	1471
Netherlands	1373
Poland	1290
Japan	1269
South Africa	1219
Spain	1164
Philippines	1110
Korea, Republic of	1037
Nigeria	940

Regions	Downloads
<b>Barbados</b>	<b>817</b>
Argentina	813
Chile	775
Indonesia	701
Ecuador	684
<b>Czech Republic</b>	<b>679</b>
Peru	616
Turkey	615
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<b>French Guiana</b>	<b>33</b>
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Bosnia and Herzegovina	30
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<b>Bonaire, Saint Eustatius and Saba</b>	<b>28</b>
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<b>Curacao</b>	<b>24</b>
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Niger	6
Yemen	6
Gambia	6
Montenegro	5
French Polynesia	5
Afghanistan	4
Brunei Darussalam	4
Gabon	4
Guernsey	4
Kyrgyzstan	4
Solomon Islands	4
Samoa	4
Bahrain	3
Mali	3
South Sudan	3
Turkmenistan	3
New Caledonia	3
Bermuda	2
Comoros	2
Northern Mariana Islands	2
Maldives	2
Tajikistan	2
Republic of Congo	2
Burundi	1

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Vanuatu	1
Cabo Verde	1
Eritrea	1
Falkland Islands	1
<b>Gibraltar</b>	<b>1</b>
Guinea	1
Marshall Islands	1
<b>Saint Pierre and Miquelon</b>	<b>1</b>
Sao Tome and Principe	1
<b>Turks and Caicos Islands</b>	<b>1</b>
Tonga	1
<b>Cook Islands</b>	<b>1</b>

## World Bank Country and Lending Groups

### Low-Income Economies (US \$1,035 or less) [29]

Afghanistan	Guinea-Bissau	Sierra Leone
Burkina Faso	Haiti	Somalia
Burundi	Korea, Dem. People's	South Sudan
Central African	Rep.	Sudan
Republic	Liberia	Syrian Arab Republic
Chad	Madagascar	Tajikistan
Congo, Dem. Rep	Malawi	Togo
Eritrea	Mali	Uganda
Ethiopia	Mozambique	Yemen, Rep.
Gambia, The	Niger	
Guinea	Rwanda	

### Lower-Middle Income Economies (US \$1,036 to US \$4,045) [50]

Angola	Honduras	Papua New Guinea
Algeria	India	Philippines
Bangladesh	Kenya	São Tomé and Príncipe
Benin	Kiribati	Senegal
Bhutan	Kyrgyz Republic	Solomon Islands
Bolivia	Lao PDR	Sri Lanka
Cabo Verde	Lesotho	Tanzania
Cambodia	Mauritania	Timor-Leste
Cameroon	Micronesia, Fed. Sts.	Tunisia
Comoros	Moldova	Ukraine
Congo, Rep.	Mongolia	Uzbekistan
Côte d'Ivoire	Morocco	Vanuatu
Djibouti	Myanmar	Vietnam
Egypt, Arab Rep.	Nepal	West Bank and Gaza
El Salvador	Nicaragua	Zambia
Eswatini	Nigeria	Zimbabwe
Ghana	Pakistan	



Upper Middle-Income Economies (US \$4,046 to US \$12,535) [56]

Albania	Fiji	Montenegro
American Samoa	Gabon	Namibia
Argentina	Georgia	North Macedonia
Armenia	Grenada	Paraguay
Azerbaijan	Guatemala	Peru
Belarus	Guyana	Russian Federation
Belize	Indonesia	Samoa
Bosnia and Herzegovina	Iran, Islamic Rep.	Serbia
Botswana	Iraq	South Africa
Brazil	Jamaica	St. Lucia
Bulgaria	Jordan	St. Vincent & the Grenadines
China	Kazakhstan	Suriname
Colombia	Kosovo	Thailand
Costa Rica	Lebanon	Tonga
Cuba	Libya	Turkey
Dominica	Malaysia	Turkmenistan
Dominican Republic	Maldives	Tuvalu
Equatorial Guinea	Marshall Islands	Venezuela, RB
Ecuador	Mexico	

High-Income Economies (US \$12,536 or more) [83]

Andorra	Guam	Poland
Antigua and Barbuda	Hong Kong SAR, China	Portugal
Aruba	Hungary	Puerto Rico
Australia	Iceland	Qatar
Austria	Ireland	Romania
Bahamas	Isle of Man	San Marino
Bahrain	Israel	Saudi Arabia
Barbados	Italy	Seychelles
Belgium	Japan	Singapore
Bermuda	Korea, Rep.	Sint Maarten (Dutch part)
Brunei Darussalam	Kuwait	Slovak Republic
Canada	Latvia	Slovenia
Cayman Islands	Liechtenstein	Spain
Channel Islands	Lithuania	St. Kitts and Nevis
Chile	Luxembourg	St. Martin (French part)
Croatia	Macao SAR, China	Sweden
Curaçao	Malta	Switzerland
Cyprus	Mauritius	Taiwan, China
Czech Republic	Monaco	Trinidad and Tobago
Denmark	Nauru	Turks and Caicos Islands
Estonia	Netherlands	United Arab Emirates
Faroe Islands	New Caledonia	United Kingdom
Finland	New Zealand	United States
France	Northern Mariana Islands	Uruguay
French Polynesia	Norway	Virgin Islands (British)
Germany	Oman	Virgin Islands (US)
Gibraltar	Palau	
Greece	Panama	
Greenland		

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