# **ICRP Data Dictionary**

	Variable Name	Required <sup>1</sup>	Description	Values	Туре	Length	Range
1.	AwardCode	Required	The award code, award id or other code that, with AwardStartDate, forms your organization's unique identifier for each record.	<text></text>	text	25	
2.	AwardTitle	Required	The title of the award or abstract.	<text></text>	text	800	
3.	AwardType	Required	Award type as follows: R = Research, T = Training, C = Clinical Trial	R=Research T=Training C=Clinical Trial	text	1	
4.	Sourceld	Optional	The unique identifier or primary key used in your database or files; used for correspondence with site.	<text></text>	text	50	
5.	AltId	Optional	Any alternate award id or code.  This is a place-holder for any other important award identifier that you would find useful in reports. Each partner may opt to display this on the Abstract page or not. In addition to its own Award Code, for example, NCRI displays its member funding organization's id for the award.	<text></text>	text	35	
6.	AwardStartDate	Required	Award Start Date	<mm dd="" yyyy=""></mm>	date		
7.	AwardEndDate	Required	Award End Date  If the exact date is not available, an estimate should be provided.	<mm dd="" yyyy=""></mm>	date		

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<sup>&</sup>lt;sup>1</sup> Required: The element must be provided in acceptable format for the record to be entered into the database. If missing or if provided in an unacceptable format, the record will be rejected and the providing Partner Organization will be notified. Optional: The element is not required and, barring other complications, the record will be imported with or without it.

	Variable Name	Required <sup>1</sup>	Description	Values	Туре	Length	Range
8.	BudgetStartDate	Required	Budget Start Date  If not available, enter the Award Start Date	<mm dd="" yyyy=""></mm>	date	date	
9.	BudgetEndDate	Required	Budget End Date  If not available, enter the Award End Date	<mm dd="" yyyy=""></mm>	date		
10.	CSOCode1	Required	CSO Code.  Although up to 8 columns will be accepted, no more than 2 CSO codes per award should be provided except for large multidisciplinary research efforts such as the NCI Cancer Centers, SPOREs, and training projects.	See Appendix A: CSO Codes	number	1.1	1.1-7.3
11.	CSOCode2	Optional	CSO Code.	See Appendix A	number	1.1	1.1-7.3
12.	CSOCode3	Optional	CSO Code.	See Appendix A	number	1.1	1.1-7.3
13.	CSOCode4	Optional	CSO Code.	See Appendix A	number	1.1	1.1-7.3
14.	CSOCode5	Optional	CSO Code.	See Appendix A	number	1.1	1.1-7.3
15.	CSOCode6	Optional	CSO Code.	See Appendix A	number	1.1	1.1-7.3
16.	CSOCode7	Optional	CSO Code.	See Appendix A	number	1.1	1.1-7.3
17.	CSOCode8	Optional	CSO Code.	See Appendix A	number	1.1	1.1-7.3
18.	CSORel1	Optional	The percent to which the award is relevant to CSOCode1.  This column should generally be left blank (relevance will be assigned equally to each CSO code). If this does not match the award funding, please contact NOVA Research Company.	<numeric></numeric>	number	3	1-100

	Variable Name	Required <sup>1</sup>	Description	Values	Туре	Length	Range
19.	CSORel2	Optional	The percent to which the award is relevant to CSOCode2.	<numeric></numeric>	number	3	1-100
20.	CSORel3	Optional	The percent to which the award is relevant to CSOCode3.	<numeric></numeric>	number	3	1-100
21.	CSORel4	Optional	The percent to which the award is relevant to CSOCode4.			3	1-100
22.	CSORel5	Optional	The percent to which the award is relevant to CSOCode5.	<numeric></numeric>	number	3	1-100
23.	CSORel6	Optional	The percent to which the award is relevant to CSOCode6.	<numeric></numeric>	number	3	1-100
24.	CSORel7	Optional	The percent to which the award is relevant to CSOCode7.			3	1-100
25.	CSORel8	Optional	The percent to which the award is relevant to CSOCode8.	<numeric></numeric>	number	3	1-100
26.	SiteCode1	Required	Disease site code.  Use codes from "Site Codes" worksheet. Enter only codesnot names or descriptions. Header of each column to be SiteCode1, SiteCode2, etc. See template.  Flagged if none are provided. Award entered as "Uncoded to Disease Site" until corrected.	See Appendix B: Site Codes	number	3	0-105
27.	SiteCode2	Optional	Disease site code.	Disease site code. See Appendix B number		3	0-105
28.	SiteCode3	Optional	Disease site code. See Appendix B number		3	0-105	
29.	SiteCode4	Optional	Disease site code.	Disease site code. See Appendix B number		3	0-105
30.	SiteCode5	Optional	Disease site code.	See Appendix B	number	3 0-105	
31.	SiteCode6	Optional	Disease site code.	See Appendix B	number	3	0-105

	Variable Name	Required <sup>1</sup>	Description	Values	Туре	Length	Range
32.	SiteCode7	Optional	Disease site code.	See Appendix B	number	3	0-105
33.	SiteCode8	Optional	Disease site code.	See Appendix B	number	3	0-105
34.	SiteCode9	Optional	Disease site code.	See Appendix B	number	3	0-105
35.	SiteCode10	Optional	Disease site code.	See Appendix B	number	3	0-105
36.	SiteCode11	Optional	Disease site code.	See Appendix B	number	3	0-105
37.	SiteCode12	Optional	Disease site code.	See Appendix B	number	3	0-105
38.	SiteRel1	Required	The percent to which the award is relevant to SiteCode1.	<numeric></numeric>	number	3	1-100
39.	SiteRel2	Optional; required if SiteCode2 is entered	The percent to which the award is relevant to SiteCode2.	<numeric></numeric>	number	3	1-100
40.	SiteRel3	Optional; required if SiteCode3 is entered	The percent to which the award is relevant to SiteCode3.	<numeric></numeric>	number	3	1-100
41.	SiteRel4	Optional; required if SiteCode4 is entered	The percent to which the award is relevant to SiteCode4.	<numeric></numeric>	number	3	1-100
42.	SiteRel5	Optional; required if SiteCode5 is entered	The percent to which the award is relevant to SiteCode5.	<numeric></numeric>	number	3	1-100
43.	SiteRel6	Optional; required if SiteCode6 is entered	The percent to which the award is relevant to SiteCode6.	<numeric></numeric>	number	3	1-100
44.	SiteRel7	Optional; required if SiteCode7 is entered	The percent to which the award is relevant to SiteCode7.	<numeric></numeric>	number	3	1-100
45.	SiteRel8	Optional; required if SiteCode8 is entered	The percent to which the award is relevant to SiteCode8.	<numeric></numeric>	number	3	1-100
46.	SiteRel9	Optional; required if SiteCode9 is entered	The percent to which the award is relevant to SiteCode9.	<numeric></numeric>	number	3	1-100
47.	SiteRel10	Optional; required if SiteCode10 is entered	The percent to which the award is relevant to SiteCode10.	<numeric></numeric>	number	3	1-100

	Variable Name	Required <sup>1</sup>	Description	Values	Туре	Length	Range
48.	SiteRel11	Optional; required if SiteCode11 is entered	The percent to which the award is relevant to SiteCode11.	<numeric></numeric>	number	3	1-100
49.	SiteRel12	Optional; required if SiteCode12 is entered	The percent to which the award is relevant to SiteCode12.	<numeric></numeric>	number	3	1-100
50.	AwardFunding	Required	Funded amount as Total Cost.  Provide as your local currency (e.g., UK Pounds, US Dollars, etc.).	<numeric></numeric>	currency	10 <sup>25</sup>	
51.	FundingMechanismCode	Optional	Funding Mechanism Code A code for the mechanism through which the project is coded. If a FundingMechanism is provided and no code is entered; a code will be created.	<text></text>	text	25	
52.	FundingMechanism	Optional; required if FundingMechanismCode is provided	Funding Mechanism Description	Link Award	text	200	
53.	FundingOrg	Optional	Abbreviation of the Funding Organization name.  If the worksheet is being completed by the funding organization, leave blank.  Otherwise, contact NOVA Research Company for information on using this data element.	<text></text>	text	15	
54.	FundingDiv	Optional	Division/office/department of the Funding Organization.	<text></text>	text	75	
55.	FundingDivAbbr	Optional; required if FundingDiv is provided	Abbreviation or short name for the funding division	<text></text>	text	10	

	Variable Name	Required <sup>1</sup>	Description	Values	Туре	Length	Range
56.	FundingContact	Optional	Name of the funding organization's award officer, grant manager, or other contact person	<text></text>	text	75	
57.	PILastName	Required	Last name of Principal Investigator	•		35	
58.	PIFirstName	Required	First name of Principal Investigator	<text></text>	text	35	
59.	Institution	Required	Name of the institution receiving funds.	<text></text>	text	140	
60.	City	Required	City of institution	<text></text>	text	75	
61.	State	Option; required if country is US	State/province/territory of institution	<text></text>	text	3	
62.	Country	Required	Country code of institution	See Appendix C	text	2	
63.	TechAbstract	Required	The award's technical abstract  Must be provided as ASCII or  HTML text	<text></text>	text	unlimited <sup>2</sup>	
64.	LayAbstract	Optional	Lay abstract if available  Must be provided as ASCII or  HTML text.	<text></text>	text	unlimited <sup>2</sup>	

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 $<sup>^{\</sup>rm 2}$  This variable allows for 4GB of storage, or over 2 billion characters.

	Variable Name	Required <sup>1</sup>	Description	Values	Туре	Length	Range
65.	RelatedAwardCode	Optional	The AwardCode of a parent or sibling award related to the current award	<text></text>	text	25	
			For a child award, the parent award's code should be entered. This field should be left blank for Parent awards. It should also be blank for siblings w/o a parent award. Associations for groups of related siblings without parents should be entered in Sibling Data Worksheet (See Appendix D).				
66.	RelationshipType	Optional; required if a RelatedAwardCode is provided.	This awards role in the relationships (see note)  Use C if the record is a child (the RelatedAwardCode is the parent); use S if this award is in a sibling group relationship.	C=Child S=Sibling	text	1	

# **Appendix A: CSO Codes**

Note: The CSO Partners agreed to the use of no more than two CSO codes for each award with the exception of awards to large multidisciplinary research efforts such as the NCI Cancer Centers, SPOREs, and training projects. CSO codes are of equal weight.

For more thorough descriptions and examples of science fitting each category, visit <a href="http://www.cancerportfolio.org/cso.jsp">http://www.cancerportfolio.org/cso.jsp</a>.

# Code Name

Uncoded

#### **Biology**

0

- 1.1 Normal Functioning
- 1.2 Cancer Initiation: Alterations in Chromosomes
- 1.3 Cancer Initiation: Oncogenes and Tumor Suppressor Genes
- 1.4 Cancer Progression and Metastasis
- 1.5 Resources and Infrastructure Related to Biology

#### **Etiology**

- 2.1 Exogenous Factors in the Origin and Cause of Cancer
- 2.2 Endogenous Factors in the Origin and Cause of Cancer
- 2.3 Interactions of Genes and/or Genetic Polymorphisms with Exogenous and/or Endogenous Factors
- 2.4 Resources and Infrastructure Related to Etiology

#### Prevention

- 3.1 Interventions to Prevent Cancer: Personal Behaviors that Affect Cancer Risk
- 3.2 Nutritional Science in Cancer Prevention
- 3.3 Chemoprevention
- 3.4 Vaccines
- 3.5 Complementary and Alternative Prevention Approaches
- 3.6 Resources and Infrastructure Related to Prevention

#### Early Detection, Diagnosis and Prognosis

- 4.1 Technology Development and/or Marker Discovery
- 4.2 Technology and/or Marker Evaluation with Respect to Fundamental Parameters of Method
- 4.3 Technology and/or Marker Testing in a Clinical Setting
- 4.4 Resources and Infrastructure Related to Early Detection, Diagnosis or Prognosis

#### **Treatment**

- 5.1 Localized Therapies Discovery and Development
- 5.2 Localized Therapies Clinical Applications
- 5.3 Systemic Therapies Discovery and Development
- 5.4 Systemic Therapies Clinical Applications
- 5.5 Combinations of Localized and Systemic Therapies
- 5.6 Complementary and Alternative Treatment Approaches
- 5.7 Resources and Infrastructure Related to Treatment

### **Cancer Control, Survivorship and Outcomes Research**

- 6.1 Patient Care and Survivorship Issues
- 6.2 Surveillance
- 6.3 Behavior
- 6.4 Cost Analyses and Health Care Delivery
- 6.5 Education and Communication
- 6.6 End-of-Life Care
- 6.7 Ethics and Confidentiality in Cancer Research
- 6.8 Complementary and Alternative Approaches for Supportive Care of Patients and Survivors
- 6.9 Resources and Infrastructure Related to Cancer Control, Survivorship, and Outcomes Research

### **Scientific Model Systems**

- 7.1 Development and Characterization of Model Systems
- 7.2 Application of Model Systems
- 7.3 Resources and Infrastructure Related to Scientific Model Systems

**Appendix A: CSO Codes** 

# **Appendix B: Site Codes**

If a disease site code exists for both a general (e.g., Blood Cancer) and specific disease site classification (e.g., Leukemia) the more specific code should be used. The system will automatically include the specific sites within the umbrella of the general site for searches, reports, etc.

Code	Name	Notes
0	Adrenocortical Cancer	
103	Anal Cancer	
3	Bladder Cancer	
67	Blood Cancer	Does not include: Hodgkin's Disease (24), Leukemia/Leukaemia (27), Myeloma (30), Non-Hodgkin's Lymphoma (35). <i>The system will automatically map these</i> cancer sites to this category.
4	Bone Cancer	Includes Osteosarcoma and Malignant Fibrous Histiocytoma
6	Brain Tumor	Includes Chordoma
7	Breast Cancer	
8	Cardiotoxicity/Heart Cancer	
9	Cervical Cancer	
64	Colon and Rectal Cancer	
10	Ear Cancer	
11	Endometrial Cancer	
12	Esophageal/Oesophageal Cancer	
13	Eye Cancer	Does not include Retinoblastoma (45). The system will automatically map Retinoblastoma to this category.
14	Gallbladder Cancer	
15	Gastrointestinal Tract	Does not include: Colon and Rectal (64), Esophogeal/Oesophageal (12), Gallbladder (14), Liver (23), Pancreatic (37), Small Intestine (50), Stomach (51). The system will automatically map these cancer sites to this category.
17	Genital System, Female	Does not include: Cervical (9), Endometrial (11), Ovarian (66), Vaginal (57), Vulva (101). The system will automatically map these cancer sites to this category.
19	Genital System, Male	Does not include: Penile (39), Prostate (42), Testicular (52) cancers. The system will automatically map these cancer sites to this category.
21	Head and Neck Cancer	Does not include: Laryngeal (26), Nasal Cavity and Paranasal Sinus (31), Oral Cavity and Lip (36), Parathyroid (38), Pharyngeal (61), Salivary Gland (63), and Thyroid (54) cancers. The system will automatically map these cancer sites to this category.
8	Heart Cancer/Cardiotoxicity	
24	Hodgkin's Disease	
46	Kaposi's Sarcoma	
25	Kidney Cancer	Does not include Wilms' tumor (60). The system will automatically map Wilms' tumor to this category.
26	Laryngeal Cancer	

Code	Name	Notes
27	Leukemia/Leukaemia	Includes ALL, AML, CLL, CML & Hairy Cell Leukaemia, Myelodysplastic Syndrome and Myeloproliferative disorders
23	Liver Cancer	Includes Bile Duct
28	Lung Cancer	Includes Mesothelioma
29	Melanoma	
30	Myeloma	Includes Multiple Myeloma
31	Nasal Cavity and Paranasal Sinus Cancer	
33	Nervous System	Does not include: Brain (6), Eye (16), Neuroblastoma (32), Pituitary (40), Primary CNS Lymphoma (104) and Retinoblastoma (45). The system will automatically map these cancers to this category.
32	Neuroblastoma	
35	Non-Hodgkin's Lymphoma	
2	Not Site-Specific Cancer	Includes fundamental research (fluids, secretions, milk lymph, blood components, cell lines and cell fractions, etc.) and research that applies to all types of cancer
12	Oesophageal/Esophageal Cancer	
36	Oral Cavity and Lip Cancer	
66	Ovarian Cancer	
37	Pancreatic Cancer	
38	Parathyroid Cancer	
39	Penile Cancer	
61	Pharyngeal Cancer	
40	Pituitary Tumor	
104	Primary CNS Lymphoma	
102	Primary of Unknown Origin	
42	Prostate Cancer	
43	Respiratory System	Does not include: Lung (28), Nasal Cavity & Paranasal Sinus (31) cancers. The system will automatically map these cancers to this category.
45	Retinoblastoma	
63	Salivary Gland Cancer	
105	Sarcoma	Includes Chondrosarcoma, Ewing's Sarcoma, Fibrosarcoma, Osteosarcoma, Rhabdomyosarcoma, Soft Tissue Sarcoma & Uterine Sarcoma
47	Sarcoma, Rhabdomyosarcoma, Childhood	Includes chondrosarcoma, Ewing's sarcoma, and Fibrosarcoma
48	Sarcoma, Soft Tissue	Includes connective tissue, muscel, liposarcoma and leiomyosarcoma
49	Skin Cancer	
50	Small Intestine Cancer	
51	Stomach Cancer	
52	Testicular Cancer	·
53	Thymoma, Malignant	

# **Appendix B: Site Codes**

Code	Name	Notes
54	Thyroid Cancer	
55	Urinary System	Does not include: Bladder (3), Kidney (25), Wilms' Tumor (60). The system will automatically map these cancer sites to this category.
57	Vaginal Cancer	
58	Vascular System	Includes heart cancer and vascular system
101	Vulva Cancer	
60	Wilms' Tumor	
99	Uncoded	Internal use only: no site specified

# **Appendix C: Country Codes**

AL Albania UV Burkina EU Europa Island AG Algeria BM Burma FK Falkland Islands (Islas Malvinas) AQ American Samoa BY Burundi AO Andorra CB Cambodia FO Faroe Islands AO Angola CM Cameroon FM Federated States of Micronesia AO Anguilla CA Canada FJ Fiji AN Antarctica CV Cape Verde FI Finland AC Antigua and Barbuda CJ Cayman Islands FR France AC Antigua and Barbuda CJ Cayman Islands FR France AC Antigua and Barbuda CJ Cayman Islands FR France AR Argentina CT Central African Republic FG French Guiana AM Armenia CD Chad FP French Guiana AM Aruba CI Chile FS French Southern and AN Aruba CI Chile FS French Southern and AN Aruba CI China FP French Olynesia AT Ashmore and Cartier Islands KT Christmas Island GB Gabon AS Australia IP Clipperton Island GZ Gaza Strip AU Austria CK Cocos (Keeling) Islands GG Georgia AJ Azerbaijan CO Colombia GM Germany BA Bahrain CN Comoros GH Ghana BA BAHRA GN GH Germany BA BAHRA GN GH Greece BA BABRA GN GH Greece BA BABRA GN GH Greece BA BABRA GN GH GRANA BA	Code	Country	Code	Country	Code	Country
AG Algeria BM Burma FK Falkland Islands (Islas Mahrinas) AD American Samoa BY Burundi FO Faroe Islands AN Andorra CB Cambodia FO Faroe Islands AN Anguilla CA Canada FJ Fiji AV Anguilla CA Canada FJ Fiji AY Antarctica CV Cape Verde FI Filinand AC Anligua and Barbuda CJ Cayman Islands FR Finland AC Anligua and Barbuda CJ Cayman Islands FR Finland AC Anguentina CT Central African Republic FG French Guiana AM Armenia CD Chad FP French Guiana AM Armenia CD Chad FP French Guiana AM Armenia CD China FP French Guiana AM Aruba CI China FS French Southern and Antarctic Lands Islands KT Christmas Island GB Gabon AS Australia IP Clipperton Island GZ Gaza Strip AU Austria CK Cocos (Keeling) Islands GG Georgia AU Azerbaijan CO Colombia GM Germany BA Bahrain CN Comoros GH Ghana BA Bahrain CN Comoros GH Ghana BG Bangladesh CW Cook Islands GR Greece BS Bassas da India CS Costa Rica GL Greenland BG Bangladesh CW Cook Islands GR Greece BS Bassas da India CS Costa Rica GL Greenland BC Belarus IV Cote d'Ivoire GJ Greenada BE Belgium HR Croatia GP Guadeloupe BH Belize CU Cuba GQ Guam BB Bernin CY Cyprus GT Guadeloupe BH Belize CU Cuba GQ Guam BB Bernin CY Cyprus GT Guadeloupe BH Belize CU Cuba GG Guam BC Bennin CY Cyprus GT Guatemala BK Bosnia and Herzegovina DA Denmark GV Guinea BN Bosnia Halti Halti BN Bonnel CE Cuador HM Hadi Island and McConald Islands BN Bonnel	AF	Afghanistan	BU	Bulgaria	ET	Ethiopia
AQ American Samoa BY Burundi (Islas Malvinas) AN Andorra CB Cambodia FO Faroe Islands AO Angola CM Cameroon FM Federated States of Micronesia AV Anguilla CA Canada FJ Fiji AV Antarctica CV Cape Verde FI Finland AC Antigua and Barbuda CJ Cape Verde FI Finland AC Antigua and Barbuda CJ Capeural Islands FR France AR Argenlina CT Central African Republic FG French Gulana AM Armenia CD Chad FP French Polynesia AA Aruba CI Chile FS French Polynesia AA Aruba CI Chile FS French Southern and Antarctic Lands Islands KT Christmas Island GB Gabon AS Australia IP Clipperton Island GZ Gaza Strip AU Austria CK Cocos (Keeling) Islands GG Georgia AU Austria CK Cocos (Keeling) Islands GG Georgia AU Azerbaijan CO Colombia GM Germany BBA Bahrain CN Comoros GH Ghana BG Bangladosh CW Cook Islands GO Glorioso Islands BG Bangladosh CW Cook Islands GR Greece BS Bassas da India CS Costa Rica GL Greenland BG Balarus IV Cote d'Ivoire GJ Greenada BE Belgium HR Croatia GP Guadeloupe BH Belize CU Cuba GQ Guam BE Belgium HR Croatia GP Guadeloupe BH Belize CU Cuba GQ Guam BE Belgium HR Croatia GP Guadeloupe BH Belize CU Cuba GQ Guam BB Bernin CY Cyprus GT Guatemala BC Bennin CY Cyprus GT Guatemala BC Bolivia DJ Djibouti PU Guinea BISsau BK Bosnia and Herzegovina DA Denmark GV Guinea BN Bernin DA Denmark GV Guinea BN Bouvet Island EC Ecuador HM Heat Island and McConald Islands BR Brazil EG Egypt HM HONDAIRS HM HONDAIRS BR Brazil EG Egypt HM HONDAIRS HM HONDAIRS BR British Indian Ocean ES EI Salvador HO Honduras BR British Virgin Islands EK Equatorial Guinea HK Hong Kong BN British Virgin Islands	AL	Albania	UV	Burkina	EU	Europa Island
AN Andorra CB Cambodia FO Faroe Islands AN Angola CM Cameroon FM Federated States of Micronesia AV Anguilla CA Canada FJ Fiji AY Antarctica CV Cape Verde FI Finland AC Antigua and Barbuda CJ Cayman Islands FR France AR Argentina CT Central African Republic FG French Guiana AR Argentina CD Chad FP French Polynesia AAA Aruba CI Chile FS French Southern and Antractic Lands AT Ashmore and Cartier Islands KT Christmas Island GB Gabon AS Australia IP Cilipperton Island GZ Gaza Strip AU Austria CK Cocos (Keeling) Islands GG Georgia AU Austria CK Cocos (Keeling) Islands GG Georgia ABA Bahrain CN Comoros GH Ghana BA Bahrain CN Comoros GH Ghana BA Bahrain CN Comoros GH Ghana BB Barbados CR Coral Sea Islands GR Greece BB Bassas da India CS Costa Rica GL Greenland BB Barbados CR Coral Sea Islands GR Greece BB Bassas da India CS Costa Rica GL Greenland BB Belgium HR Croalia GP Guadeloupe BH Belize CU Cuba GQ Guam BH Bolivia DJ Djibouti PU Guinea-Bissau BK Bosnia and Herzegovina DA Denmark GV Guinea BN Bosnia Islands EC Ecuador HM Heard Island and McDonald Islands BN Bonuei Stritsh Indian Ocean ES El Salvador HO Honduras BR Brazill EG Egypt HONdural Slands BN Brusei Eritrea HO Howland Island	AG	Algeria	BM	Burma	FK	
ANO Anguilla CM Cameroon FM Federated States of Micronesia AV Anguilla CA Canada FJ Fiji ANY Antarctica CV Cape Verde FI Finland AC Antigua and Barbuda CJ Cayman Islands FR France AR Argentina CT Central African Republic FG French Guiana AM Armenia CD Chad FP French Polynesia ANA Anuba CI Chile FS French Southern and Antarctic Lands ANA Anuba CI Chile FS French Southern and Antarctic Lands ANA Ashmore and Cartier Islands KT Christmas Island GB Gabon AS Australia IP Clipperton Island GZ Gaza Strip AU Austria CK Cocos (Keeling) Islands GG Georgia AJ Azerbaijan CO Colombia GM Germany BA Bahrain CN Comoros GH Ghana BA Bahrain CN Comoros GH Ghana BG Bangladesh CW Cook Islands GO Glorioso Islands BG Bangladesh CW Cook Islands GR Greece BS Bassas da India CS Costa Rica GL Greenland BB Barbados CR Coral Sea Islands GR Greece BB Belze CU Cuba GQ Guam BH Belize CU Cuba GQ Guam BH Belixa DJ Djibouti PU Guinea-Bissau BN Benin DA Denmark GV Guinea BN Bonia and Herzegovina DO Dominica GY Guyana BK Bosnia and Herzegovina DO Dominica GY Guyana BK Bosnia and Herzegovina DO Dominica Republic HA Haiti BN Bouvet Island EC Ecuador HM Heard Island and McDonald Islands BN Brusei Eritrea HO Howland Island	AQ	American Samoa	BY	Burundi		
Any Anguilla CA Canada FJ Fiji Fiji Antarctica CV Cape Verde FI Finland FI Finland AT Antarctica CV Cape Verde FI Finland FI Finland AT Antarctica CJ Cayman Islands FR France AR Argentina CT Central African Republic FG French Guiana AM Armenia CD Chad FP French Polynesia AA Aruba CI Chile FS French Southern and Antarctic Lands Islands FF French Southern and Antarctic Lands FF French Southern and Antarctic L	AN	Andorra	СВ	Cambodia		
AV Anguilla CA Canada FJ Fiji AY Antarctica CV Cape Verde FI Finland AC Antigua and Barbuda CJ Cayman Islands FR France AR Argentina CT Central African Republic FG French Guiana AR Armenia CD Chad FP French Polynesia AR Aruba CI Chile FS French Southern and Antarctic Lands AT Ashmore and Cartier Islands AS Australia IP Clipperton Island GZ Gaza Strip AU Austria CK Cocos (Keeling) Islands GG Georgia AU Azerbaijan CN Comoros GH Ghana Bahrain CN Comoros GH Ghana Bahrain CN Comoros GH Ghana Bahrain CN Comoros GH Ghana Banjadesh CF Congo GI Gibraltar BB Barbados CR Coral Sea Islands GR Greece BS Bassas da India CS Costa Rica GL Greenland BO Belarus IV Cole d'Ivoire GJ Grenada BB Belize CU Cuba GO Guam BB Belize CU Cuba GO Guam BB Belize Belgium HR Croalia GP Guadeloupe BH Belize CU Cuba GO Guam BB Bermuda EZ Czech Republic GK Guernsey BH Belixa DA Denmark GV Guinea BL Bolivia DJ Djibouli PU Guinea-Bissau BK Bosnia and Herzegovina DO Dominica Republic HA Haiti BV Bouvel Island FC Ecuador HM Heard Island and BR Brazil EG Egypt HK HOng Kong BR British Indian Ocean ER Eitlrea HQ Howland Island BR British Virgin Islands ER Eritrea	AO	Angola	CM	Cameroon	FM	
AY Antarctica CV Cape Verde FI Finland  AC Antigua and Barbuda CJ Cayman Islands FR France  AR Argentina CT Central African Republic FG French Guiana  AM Armenia CD Chad FP French Polynesia  AA Aruba CI Chile FS French Southern and Antarctic Lands  Islands KT Christmas Island GB Gabon  AS Australia IP Cilipperton Island GZ Gaza Strip  AU Austria CK Cocos (Keeling) Islands GG Georgia  AU Azerbaijan CO Colombia GM Germany  BA Bahrain CN Comoros GH Ghana  FG Bangladesh CW Cook Islands GO Giorioso Islands  BB Barbados CR Coral Sea Islands GR Greece  BB Bassas da India CS Costa Rica GL Greenland  BB Barbados CR Coral Sea Islands GR Greece  BB Belgium HR Croatia GP Guadeloupe  BB Belize CU Cuba GO Guam  BB Belize CU Cuba GO Guam  BB Benin CY Cyprus GT Guatemala  BB Benin CY Cyprus GT Guatemala  BC Bolivia DJ Djibouti PU Guinea-Bissau  BK Bosnia and Herzegovina DO Dominica GP Gy Guyana  BC Botswana DR Dominican Republic HA Haiti  BV Bouvet Island EC Ecuador HM Heard Island and McDonald Islands  BR Brazil CC Ecuador HM HM Heard Island and McDonald Islands  BR Brazil Firea HO Howland Island  BR Brazil Firea HO Howland Island  BR Brazil Firea HO Howland Island	AV	Anguilla	CA	Canada	ΕI	
ACC Antigua and Barbuda CJ Cayman Islands FR France AR Argentina CT Central African Republic FG French Gulana AM Armenia CD Chad FP French Polynesia AA Aruba CI Chile FS French Southern and Antarctic Lands Islands KT Christmas Island GB Gabon AS Australia IP Clipperton Island GZ Gaza Strip AU Austria CK Cocos (Keeling) Islands GG Georgia AU Azerbaijan CO Colombia GM Germany BA Bahrain CN Comoros GH Ghana FQ Baker Island CF Congo GI Gibraltar BG Bangladesh CW Cook Islands GR Greece BS Bassas da India CS Costa Rica GL Greenland BB Barbados CR Coral Sea Islands GR Greece BB Bassas da India CS Costa Rica GL Greenland BB Belarus IV Cote d'Ivoire GJ Grenada BB Belize CU Cuba GQ Guam BB Belize CU Cuba GQ Guam BB Benin CY Cyprus GT Guatemala BB Bermuda EZ Czech Republic GK Guernsey BB Benin DA Denmark GV Guinea BC Botswana DA Dominica GY Guyana BC Botswana DR Dominican Republic HA Haiti BV Bouvet Island EC Ecuador HM Heard Islands BR Brazil EG Egypt WI British Indian Ocean Territory VI British Indian Ocean BT Eritrea HO Honduras BT HONDARD HANDARD HANDAR	AY	Antarctica	CV	Cape Verde		•
AR Argentina CT Central African Republic FG French Gulana AM Armenia CD Chad FP French Polynesia AA Aruba CI Chile FS French Southern and AT Ashmore and Cartier Islands KT Christmas Island GB Gabon AS Australia IP Clipperton Island GZ Gaza Strip AU Austria CK Cocos (Keeling) Islands GG Georgia AU Azerbaijan CO Colombia GM Germany BA Bahrain CN Comoros GH Ghana BB Barbados CF Congo GI Gibraltar BB Barbados CR Coral Sea Islands GR Greece BB Bassas da India CS Costa Rica GL Greenland BB Barbados CR Coral Sea Islands GR Greece BB Belgium HR Croatia GP Guadeloupe BB Beljum HR Croatia GP Guadeloupe BH Belize CU Cuba GQ Guam BN Benin CY Cyprus GT Guatemala BB Bermuda EZ Czech Republic GK Guernsey BT Bhutan DA Denmark GV Guinea BC Botswana DR Dominican Republic HA Halti BV Bouvet Island EC Ecuador HM Heard Island and BR Brazil EG Egypt  VI British Indian Ocean Territory VI British Indian Ocean ER Eritrea HO Hondwand Islands  HA Aruba Aruba CL Chile Chile FS French Polynesia Arabach FP French Polynesia Aruba GR Gaza Strip Antarctic Lands Antarct	AC	Antigua and Barbuda	CJ	Cayman Islands		
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ATT Ashmore and Cartier Islands  AS Australia  AS Australia  AU Austria  AU Austria  AU Austria  AU Austria  AU Austria  AU Austria  CV Cocos (Keeling) Islands  GG Georgia  AU Azerbaijan  CO Colombia  GM Germany  BA Bahrain  CN Comoros  GH Ghana  GG Georgia  CF Congo  GI Gibraltar  BG Bangladesh  CW Cook Islands  GG Georgia  CR Coral Sea Islands  GG Germany  GG Glorioso Islands  GR Greece  GG Glorioso Islands  GG Glorioso I	AA	Aruba	CI	Chile		•
AS Australia IP Clipperton Island GB Gabon  AU Austria CK Cocos (Keeling) Islands GG Georgia  AU Azerbaijan CO Colombia GM Germany  BA Bahrain CN Comoros GH Ghana  FC Baker Island CF Congo GI Gibraltar  BG Bangladesh CW Cook Islands GO Glorioso Islands  BB Barbados CR Coral Sea Islands GR Greece  BS Bassas da India CS Costa Rica GL Greenland  BO Belarus IV Cote d'Ivoire GJ Grenada  BE Belgium HR Croatia GP Guadeloupe  BH Belize CU Cuba GQ Guam  BN Benin CY Cyprus GT Guatemala  BD Bermuda EZ Czech Republic GK Guernsey  BT Bhutan DA Denmark GV Guinea  BL Bolivia DJ Djibouti PU Guinea-Bissau  BK Bosnia and Herzegovina DO Dominica GY Guyana  BK Bosnia and Herzegovina DO Dominica GY Guyana  BR Brazil EG Egypt HO Honduras  FER Eritrea HO Honduras  BK Hong Kong  BK Brunei	AT		СН	China	FS	
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AJ Azerbaijan  BA Bahrain  CN Comoros  GH Ghana  FQ Baker Island  CF Congo  GI Gibraltar  CW Cook Islands  GO Glorioso Islands  BB Barbados  CR Coral Sea Islands  GR Greece  BS Bassas da India  CS Costa Rica  GL Greenland  BB Belgium  BB Belize  CU Cuba  GQ Guam  BH Belize  CU Cuba  GQ Guam  BN Benin  CY Cyprus  GT Guatemala  BD Bermuda  BE Bermuda  BE Bolivia  DA Denmark  GV Guinea  BL Bolivia  DJ Djibouti  BK Bosnia and Herzegovina  BC Botswana  DR Dominican Republic  BR Brazil  BR Brazil  EG Egypt  VI British Indian Ocean  Territory  VI British Virgin Islands  EK Equatorial Guinea  BR GR Greece  GI Gibraltar  GO Glorioso Islands  GR Greece  GI Greenland  GO Guam  Grenada  GR Greece  GR Greece  GR Greece  GR Greece  GR Greece  GR Greece  GR Greenland  GR Greenland  GR Greenland  GR Greenland  GR Guadeloupe  Guadeloupe  GR Guadeloupe  GR Guadeloupe  GR Guatemala  GR Guatemala  GR Greece  GR Guadeloupe  GR Guadeloupe  GR Guadeloupe  GR Guadeloupe  HA Haiti  Heard Island and McDonald Islands  HA Haiti  Heard Island and McDonald Islands  GR Greece  GR Greenland  GR Grenada  GR Greece  GR Greenland  GR Grenada  GR Greece  GR Greenland  GR Grenada  GR Greece  GR Greece  GR Grenada  GR Grenada  GR Greece  GR Grenada  GR			CK	Cocos (Keeling) Islands	GG	Georgia
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BH Belize CU Cuba GQ Guam  BN Benin CY Cyprus GT Guatemala  BD Bermuda EZ Czech Republic GK Guernsey  BT Bhutan DA Denmark GV Guinea  BL Bolivia DJ Djibouti PU Guinea-Bissau  BK Bosnia and Herzegovina DO Dominica GY Guyana  BC Botswana DR Dominican Republic HA Haiti  BV Bouvet Island EC Ecuador HM Heard Island and McDonald Islands  BR Brazil EG Egypt  IO British Indian Ocean Territory EK Equatorial Guinea HK Hong Kong  VI British Virgin Islands  BR Brunei	BE	Belgium	HR	Croatia	GP	Guadeloupe
BD Bermuda  EZ Czech Republic  GK Guernsey  BH Bhutan  DA Denmark  GV Guinea  BL Bolivia  DJ Djibouti  PU Guinea-Bissau  BK Bosnia and Herzegovina  DO Dominica  GY Guyana  BC Botswana  DR Dominican Republic  HA Haiti  BV Bouvet Island  EC Ecuador  BR Brazil  EG Egypt  HM Heard Island and McDonald Islands  IO British Indian Ocean  Territory  VI British Virgin Islands  ER Eritrea  HO Honduras  HK Hong Kong  HO Howland Island  HO Howland Island	ВН		CU	Cuba	GQ	·
BD Bermuda EZ Czech Republic GK Guernsey BT Bhutan DA Denmark GV Guinea BL Bolivia DJ Djibouti PU Guinea-Bissau BK Bosnia and Herzegovina DO Dominica GY Guyana BC Botswana DR Dominican Republic HA Haiti BV Bouvet Island EC Ecuador BR Brazil EG Egypt IO British Indian Ocean Territory VI British Virgin Islands BX Brunei  EZ Czech Republic GK Guernsey HU Guinea-Bissau BV Guyana FU Guyana FU Guyana FU HA Haiti Heard Island and McDonald Islands HO Honduras HK Hong Kong HO Howland Island	BN	Benin	CY	Cyprus	GT	Guatemala
BT Bhutan DA Denmark GV Guinea  BL Bolivia DJ Djibouti PU Guinea-Bissau  BK Bosnia and Herzegovina DO Dominica GY Guyana  BC Botswana DR Dominican Republic HA Haiti  BV Bouvet Island EC Ecuador HM Heard Island and McDonald Islands  BR Brazil EG Egypt McDonald Islands  IO British Indian Ocean Territory EK Equatorial Guinea HK Hong Kong  VI British Virgin Islands  BX Brunei	BD	Bermuda	EZ	Czech Republic	GK	
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BK Bosnia and Herzegovina DO Dominica GY Guyana BC Botswana DR Dominican Republic HA Haiti BV Bouvet Island EC Ecuador HM Heard Island and McDonald Islands IO British Indian Ocean Territory EK Equatorial Guinea HK Hong Kong VI British Virgin Islands BX Brunei ER Eritrea HQ Howland Island	BL	Bolivia	DJ	Djibouti	PU	Guinea-Bissau
BC Botswana DR Dominican Republic HA Haiti  BV Bouvet Island EC Ecuador HM Heard Island and McDonald Islands  IO British Indian Ocean Territory EK Equatorial Guinea HK Hong Kong  VI British Virgin Islands  BX Brunei ER Eritrea HQ Howland Island	BK	Bosnia and Herzegovina	DO	Dominica	GY	
BV Bouvet Island EC Ecuador HM Heard Island and McDonald Islands  IO British Indian Ocean Territory  VI British Virgin Islands  BX Brunei  EC Ecuador HM Heard Island and McDonald Islands  EG Egypt  EI Salvador HO Honduras  EK Equatorial Guinea HK Hong Kong  ER Eritrea HQ Howland Island	BC	Botswana	DR	Dominican Republic		•
BR Brazil EG Egypt McDonald Islands  IO British Indian Ocean Territory ES El Salvador HO Honduras  VI British Virgin Islands  BX Brunei EG Egypt McDonald Islands  ES El Salvador HO Honduras  EK Equatorial Guinea HK Hong Kong  ER Eritrea HQ Howland Island	BV	Bouvet Island	EC	Ecuador		
Territory  VI British Virgin Islands  BX Brunei  ES El Salvadol HK Hong Kong  EK Equatorial Guinea HQ Howland Island	BR	Brazil	EG	Egypt		
VI British Virgin Islands  EK Equatorial Guinea  HK Hong Kong  ER Eritrea  HQ Howland Island	Ю		ES		НО	Honduras
BX Brunei ER Eritrea HQ Howland Island	\/I	•	EK	Equatorial Guinea	HK	Hong Kong
		•	ER	Eritrea	HQ	Howland Island
	DΛ	DIUITEI	EN	Estonia	HU	Hungary

# **Appendix C: Country Codes**

Code	Country	Code	Country	Code	Country
IC	Iceland	MV	Maldives	PF	Paracel Islands
IN	India	ML	Mali	PA	Paraguay
ID	Indonesia	MT	Malta	PE	Peru
IR	Iran	IM	Man, Isle of	RP	Philippines
IZ	Iraq	RM	Marshall Islands	PC	Pitcairn Islands
EI	Ireland	MB	Martinique	PL	Poland
IS	Israel	MR	Mauritania	PO	Portugal
IT	Italy	MP	Mauritius	RQ	Puerto Rico
JM	Jamaica	MF	Mayotte	QA	Qatar
JN	Jan Mayen	MX	Mexico	RE	Reunion
JA	Japan	MQ	Midway Islands	RO	Romania
DQ	Jarvis Island	MD	Moldova	RS	Russia
JE	Jersey	MN	Monaco	RW	Rwanda
JQ	Johnston Atoll	MG	Mongolia	SM	San Marino
JO	Jordan	MW	Montenegro	TP	Sao Tome and Principe
JU	Juan de Nova Island	MH	Montserrat	SA	Saudi Arabia
KZ	Kazakhstan	MO	Morocco	SG	Senegal
KE	Kenya	MZ	Mozambique	SR	Serbia
KQ	Kingman Reef	WA	Namibia	SE	Seychelles
KR	Kiribati	NR	Nauru	SL	Sierra Leone
KN	Korea, Democratic	BQ	Navassa Island	SN	Singapore
	People's Republic of	NP	Nepal	LO	Slovakia
KS	Korea, Republic of	NL	Netherlands	SI	Slovenia
KU	Kuwait	NT	Netherlands Antilles	ВР	Solomon Islands
KG	Kyrgyzstan	NC	New Caledonia	SO	Somalia
LA	Laos	NZ	New Zealand	SF	South Africa
LG	Latvia	NU	Nicaragua	SX	South Georgia and the
LE	Lebanon	NG	Niger		South Sandwich
LT	Lesotho	NI	Nigeria	SP	Spain
LI	Liberia	NE	Niue	PG	Spratly Islands
LY	Libya	NF	Norfolk Island	CE	Sri Lanka
LS	Liechtenstein	CQ	Northern Mariana Islands	SH	St. Helena
LH	Lithuania	NO	Norway	SC	St. Kitts and Nevis
LU	Luxembourg	MU	Oman	ST	St. Lucia
MC	Macau	PK	Pakistan	SB	St. Pierre and Miquelon
MK	Macedonia	LQ	Palmyra Atoll	VC	St. Vincent and the
MA	Madagascar	PM	Panama	<b>21</b> ·	Grenadines
MI	Malawi	PP	Papua New Guinea	SU	Sudan
MY	Malaysia			NS	Suriname

Code	Country	Code	Country
SV	Svalbard	WS	Western Samoa
WZ	Swaziland	YM	Yemen
SW	Sweden	CG	Zaire
SZ	Switzerland	ZA	Zambia
SY	Syria	ZI	Zimbabwe
TW	Taiwan		
TI	Tajikistan		
TZ	Tanzania		
TH	Thailand		
BF	The Bahamas		
GA	The Gambia		
TO	Togo		
TL	Tokelau		
TN	Tonga		
TD	Trinidad and Tobago		
TE	Tromelin Island		
PS	Trust Territory of the Pacific Islands (Palau)		
TS	Tunisia		
TU	Turkey		
TX	Turkmenistan		
TK	Turks and Caicos Islands		
TV	Tuvalu		
UG	Uganda		
UP	Ukraine		
TC	United Arab Emirates		
UK	United Kingdom		
US	United States		
UY	Uruguay		
UZ	Uzbekistan		
NH	Vanuatu		
VT	Vatican City		
VE	Venezuela		
VM	Vietnam		
VQ	Virgin Islands		
WQ	Wake Island		
WF	Wallis and Futuna		
WE	West Bank		
WI	Western Sahara		

# **Appendix D: Sibling Data Worksheet**

Peer or group relationships should be entered separately in the Sibling Data Worksheet. The award codes for each member of sibling group should be entered into a single column as follows:

GROUP1	GROUP2	GROUP3
AwardCode	AwardCode	AwardCode
AwardCode	AwardCode	AwardCode
AwardCode	AwardCode	AwardCode

The awards listed in the first column (labeled GROUP1) are siblings, awards in second column are siblings, etc. The group heading names are irrelevant (they are not saved).