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ICRP Data Dictionary

	Variable Name	Required ¹	Description	Values	Type	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	25	--
2.	AwardTitle	Required	The title of the award or abstract.	<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	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	35	--
6.	AwardStartDate	Required	Award Start Date	<mm/dd/yyyy>	date		--
7.	AwardEndDate	Required	Award End Date If the exact date is not available, an estimate should be provided.	<mm/dd/yyyy>	date		--

¹ 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.

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	Variable Name	Required¹	Description	Values	Type	Length	Range
8.	BudgetStartDate	Required	Budget Start Date If not available, enter the Award Start Date	<mm/dd/yyyy>	date		--
9.	BudgetEndDate	Required	Budget End Date If not available, enter the Award End Date	<mm/dd/yyyy>	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>	number	3	1-100

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	Variable Name	Required ¹	Description	Values	Type	Length	Range
19.	CSORel2	Optional	The percent to which the award is relevant to CSOCode2.	<numeric>	number	3	1-100
20.	CSORel3	Optional	The percent to which the award is relevant to CSOCode3.	<numeric>	number	3	1-100
21.	CSORel4	Optional	The percent to which the award is relevant to CSOCode4.	<numeric>	number	3	1-100
22.	CSORel5	Optional	The percent to which the award is relevant to CSOCode5.	<numeric>	number	3	1-100
23.	CSORel6	Optional	The percent to which the award is relevant to CSOCode6.	<numeric>	number	3	1-100
24.	CSORel7	Optional	The percent to which the award is relevant to CSOCode7.	<numeric>	number	3	1-100
25.	CSORel8	Optional	The percent to which the award is relevant to CSOCode8.	<numeric>	number	3	1-100
26.	SiteCode1	Required	Disease site code. Use codes from "Site Codes" worksheet. Enter only codes--not 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.	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.	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

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	Variable Name	Required ¹	Description	Values	Type	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>	number	3	1-100
39.	SiteRel2	Optional; required if SiteCode2 is entered	The percent to which the award is relevant to SiteCode2.	<numeric>	number	3	1-100
40.	SiteRel3	Optional; required if SiteCode3 is entered	The percent to which the award is relevant to SiteCode3.	<numeric>	number	3	1-100
41.	SiteRel4	Optional; required if SiteCode4 is entered	The percent to which the award is relevant to SiteCode4.	<numeric>	number	3	1-100
42.	SiteRel5	Optional; required if SiteCode5 is entered	The percent to which the award is relevant to SiteCode5.	<numeric>	number	3	1-100
43.	SiteRel6	Optional; required if SiteCode6 is entered	The percent to which the award is relevant to SiteCode6.	<numeric>	number	3	1-100
44.	SiteRel7	Optional; required if SiteCode7 is entered	The percent to which the award is relevant to SiteCode7.	<numeric>	number	3	1-100
45.	SiteRel8	Optional; required if SiteCode8 is entered	The percent to which the award is relevant to SiteCode8.	<numeric>	number	3	1-100
46.	SiteRel9	Optional; required if SiteCode9 is entered	The percent to which the award is relevant to SiteCode9.	<numeric>	number	3	1-100
47.	SiteRel10	Optional; required if SiteCode10 is entered	The percent to which the award is relevant to SiteCode10.	<numeric>	number	3	1-100

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	Variable Name	Required ¹	Description	Values	Type	Length	Range
48.	SiteRel11	Optional; required if SiteCode11 is entered	The percent to which the award is relevant to SiteCode11.	<numeric>	number	3	1-100
49.	SiteRel12	Optional; required if SiteCode12 is entered	The percent to which the award is relevant to SiteCode12.	<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>	currency	10 ²⁵	--
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	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	15	--
54.	FundingDiv	Optional	Division/office/department of the Funding Organization.	<text>	text	75	--
55.	FundingDivAbbr	Optional; required if FundingDiv is provided	Abbreviation or short name for the funding division	<text>	text	10	--

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	Variable Name	Required¹	Description	Values	Type	Length	Range
56.	FundingContact	Optional	Name of the funding organization's award officer, grant manager, or other contact person	<text>	text	75	--
57.	PILastName	Required	Last name of Principal Investigator	<text>	text	35	--
58.	PIFirstName	Required	First name of Principal Investigator	<text>	text	35	--
59.	Institution	Required	Name of the institution receiving funds.	<text>	text	140	--
60.	City	Required	City of institution	<text>	text	75	--
61.	State	Option; required if country is US	State/province/territory of institution	<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	unlimited ²	--
64.	LayAbstract	Optional	Lay abstract if available Must be provided as ASCII or HTML text.	<text>	text	unlimited ²	--

² This variable allows for 4GB of storage, or over 2 billion characters.

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	Variable Name	Required ¹	Description	Values	Type	Length	Range
65.	RelatedAwardCode	Optional	<p>The AwardCode of a parent or sibling award related to the current award</p> <p>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).</p>	<text>	text	25	--
66.	RelationshipType	Optional; required if a RelatedAwardCode is provided.	<p>This awards role in the relationships (see note)</p> <p>Use C if the record is a child (the RelatedAwardCode is the parent); use S if this award is in a sibling group relationship.</p>	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

<http://www.cancerportfolio.org/cso.jsp>.

Code	Name
0	Uncoded

Biology

- 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 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 cancer sites to this category.</i>
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). <i>The system will automatically map Retinoblastoma to this category.</i>
14	Gallbladder Cancer	
15	Gastrointestinal Tract	Does not include: Colon and Rectal (64), Esophageal/Oesophageal (12), Gallbladder (14), Liver (23), Pancreatic (37), Small Intestine (50), Stomach (51). <i>The system will automatically map these cancer sites to this category.</i>
17	Genital System, Female	Does not include: Cervical (9), Endometrial (11), Ovarian (66), Vaginal (57), Vulva (101). <i>The system will automatically map these cancer sites to this category.</i>
19	Genital System, Male	Does not include: Penile (39), Prostate (42), Testicular (52) cancers. <i>The system will automatically map these cancer sites to this category.</i>
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. <i>The system will automatically map these cancer sites to this category.</i>
8	Heart Cancer/Cardiotoxicity	
24	Hodgkin's Disease	
46	Kaposi's Sarcoma	
25	Kidney Cancer	Does not include Wilms' tumor (60). <i>The system will automatically map Wilms' tumor to this category.</i>
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). <i>The system will automatically map these cancers to this category.</i>
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. <i>The system will automatically map these cancers to this category.</i>
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, muscle, liposarcoma and leiomyosarcoma
49	Skin Cancer	
50	Small Intestine Cancer	
51	Stomach Cancer	
52	Testicular Cancer	
53	Thymoma, Malignant	

Code	Name	Notes
54	Thyroid Cancer	
55	Urinary System	Does not include: Bladder (3), Kidney (25), Wilms' Tumor (60). <i>The system will automatically map these cancer sites to this category.</i>
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

Code	Country	Code	Country	Code	Country
AF	Afghanistan	BU	Bulgaria	ET	Ethiopia
AL	Albania	UV	Burkina	EU	Europa Island
AG	Algeria	BM	Burma	FK	Falkland Islands (Islas Malvinas)
AQ	American Samoa	BY	Burundi	FO	Faroe Islands
AN	Andorra	CB	Cambodia	FM	Federated States of Micronesia
AO	Angola	CM	Cameroon	FJ	Fiji
AV	Anguilla	CA	Canada	FI	Finland
AY	Antarctica	CV	Cape Verde	FR	France
AC	Antigua and Barbuda	CJ	Cayman Islands	FG	French Guiana
AR	Argentina	CT	Central African Republic	FP	French Polynesia
AM	Armenia	CD	Chad	FS	French Southern and Antarctic Lands
AA	Aruba	CI	Chile	GB	Gabon
AT	Ashmore and Cartier Islands	CH	China	GZ	Gaza Strip
AS	Australia	KT	Christmas Island	GG	Georgia
AU	Austria	IP	Clipperton Island	GM	Germany
AJ	Azerbaijan	CK	Cocos (Keeling) Islands	GH	Ghana
BA	Bahrain	CO	Colombia	GI	Gibraltar
BQ	Baker Island	CN	Comoros	GO	Glorioso Islands
BG	Bangladesh	CF	Congo	GR	Greece
BB	Barbados	CW	Cook Islands	GL	Greenland
BS	Bassas da India	CR	Coral Sea Islands	GJ	Grenada
BO	Belarus	CS	Costa Rica	GP	Guadeloupe
BE	Belgium	IV	Cote d'Ivoire	GQ	Guam
BH	Belize	HR	Croatia	GT	Guatemala
BN	Benin	CU	Cuba	GK	Guernsey
BD	Bermuda	CY	Cyprus	GV	Guinea
BT	Bhutan	EZ	Czech Republic	PU	Guinea-Bissau
BL	Bolivia	DA	Denmark	GY	Guyana
BK	Bosnia and Herzegovina	DJ	Djibouti	HA	Haiti
BC	Botswana	DO	Dominica	HM	Heard Island and McDonald Islands
BV	Bouvet Island	DR	Dominican Republic	HO	Honduras
BR	Brazil	EC	Ecuador	HK	Hong Kong
IO	British Indian Ocean Territory	EG	Egypt	HQ	Howland Island
VI	British Virgin Islands	ES	El Salvador	HU	Hungary
BX	Brunei	EK	Equatorial Guinea		
		ER	Eritrea		
		EN	Estonia		

Code	Country
IC	Iceland
IN	India
ID	Indonesia
IR	Iran
IZ	Iraq
EI	Ireland
IS	Israel
IT	Italy
JM	Jamaica
JN	Jan Mayen
JA	Japan
DQ	Jarvis Island
JE	Jersey
JQ	Johnston Atoll
JO	Jordan
JU	Juan de Nova Island
KZ	Kazakhstan
KE	Kenya
KQ	Kingman Reef
KR	Kiribati
KN	Korea, Democratic People's Republic of
KS	Korea, Republic of
KU	Kuwait
KG	Kyrgyzstan
LA	Laos
LG	Latvia
LE	Lebanon
LT	Lesotho
LI	Liberia
LY	Libya
LS	Liechtenstein
LH	Lithuania
LU	Luxembourg
MC	Macau
MK	Macedonia
MA	Madagascar
MI	Malawi
MY	Malaysia

Code	Country
MV	Maldives
ML	Mali
MT	Malta
IM	Man, Isle of
RM	Marshall Islands
MB	Martinique
MR	Mauritania
MP	Mauritius
MF	Mayotte
MX	Mexico
MQ	Midway Islands
MD	Moldova
MN	Monaco
MG	Mongolia
MW	Montenegro
MH	Montserrat
MO	Morocco
MZ	Mozambique
WA	Namibia
NR	Nauru
BQ	Navassa Island
NP	Nepal
NL	Netherlands
NT	Netherlands Antilles
NC	New Caledonia
NZ	New Zealand
NU	Nicaragua
NG	Niger
NI	Nigeria
NE	Niue
NF	Norfolk Island
CQ	Northern Mariana Islands
NO	Norway
MU	Oman
PK	Pakistan
LQ	Palmyra Atoll
PM	Panama
PP	Papua New Guinea

Code	Country
PF	Paracel Islands
PA	Paraguay
PE	Peru
RP	Philippines
PC	Pitcairn Islands
PL	Poland
PO	Portugal
RQ	Puerto Rico
QA	Qatar
RE	Reunion
RO	Romania
RS	Russia
RW	Rwanda
SM	San Marino
TP	Sao Tome and Principe
SA	Saudi Arabia
SG	Senegal
SR	Serbia
SE	Seychelles
SL	Sierra Leone
SN	Singapore
LO	Slovakia
SI	Slovenia
BP	Solomon Islands
SO	Somalia
SF	South Africa
SX	South Georgia and the South Sandwich
SP	Spain
PG	Spratly Islands
CE	Sri Lanka
SH	St. Helena
SC	St. Kitts and Nevis
ST	St. Lucia
SB	St. Pierre and Miquelon
VC	St. Vincent and the Grenadines
SU	Sudan
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).