



## Cross-Mapping

### UK AGMAP to ISO 19115 and to Data Documentation Initiative (DDI) Standard



GROUP	SUBGROUP	Entity and Element ID	Go-Geo! Metadata Entity and Element Names	Go-Geo! Definition	DDI Codebook Outline	DDI Comments	ISO Name	ISO ID
		<b>G1</b>	<b>CITATION</b>	Dataset reference information				
CITATION		1	Title	The name by which the dataset is known.	2.1.1.1 titl	Title statement for the data collection.	MD_Metadata.identificationInfo MD_DataIdentification.citation> CI_Citation.title	15 24 360
		2	Alternative Title	Short name, other name, acronym or alternative language title.	2.1.1.3 altTitl*	The alternative title may be the title by which a data collection is commonly referred to or it may be an abbreviation for the title.	MD_Metadata.identificationInfo MD_DataIdentification.citation> CI_Citation.alternateTitle	15 24 361
		3	Creator	Organisation or person that developed the dataset and has primary responsibility for the intellectual content of the dataset.	2.1.2.1 AuthEnty*	The person, corporate body, or agency responsible for the data collection's substantive and intellectual content. Repeat the element for each author, and use the affiliation attribute if available.	MD_Metadata.identificationInfo MD_DataIdentification.citation> CI_Citation.citedResponsibleParty> CI_ResponsibleParty.individualName OR MD_Metadata.identificationInfo MD_DataIdentification.citation> CI_Citation.citedResponsibleParty> CI_ResponsibleParty.organisationName CodeList (B 5.5) CI.RollCode = originator, 006)	15 24 367 375  15 24 367 376

		4	Identifier	A unique string or number used to identify the dataset.	2.1.1.5 IDNo*	Unique string or number (producer's or archive's number) for the source document. The "agency" attribute is important.	MD_Metadata.identificationInfo MD_DataIdentification.citation> CI_Citation.identifier> MD_Identifier.code	15 24 365 207
		5	Edition	The number of the edition of the dataset.	2.1.6.1 version?	"release", "version" or "edition" may signal different levels of processing. Need a controlled vocabulary. To describe the character of the processing of a study <notes> could be used.	MD_Metadata.identificationInfo MD_DataIdentification.citation> CI_Citation.edition	15 24 363
		6	Dataset Date Code	Dataset event used for reference date.	None	None	MD_Metadata.identificationInfo MD_DataIdentification.citation> CI_Citation.date> CI_Date.dateType CodeList (B 5.2)	15 24 362 395
		7	Dataset Event Date	Event date for the dataset.	2.1.3.3 2.1.4.5	Date of Production* Date of Distribution? (ISO 19115 code list includes a value for revision)	MD_Metadata.identificationInfo MD_DataIdentification.citation> CI_Citation.date> CI_Date.date	15 24 362 394
		8	Dataset Update Frequency	The frequency with which revisions and updates are made to the dataset after its initial completion.	2.3.1.3 frequenc*	If the data collected include more than one point in time, indicate the frequency with which the data were collected.	MD_Metadata.metadataMaintenance MD_MaintenanceInformation.maintenanceAndUpdateFrequency CodeList (B5.18)	22 143

	G2	IDENTIFICATION INFORMATION (WHAT)	Basic Information about the dataset				
IDENTIFICATION INFORMATION	9	Dataset Language	The language(s) used within the dataset.	2.5.4 othRefs*	Indicate here other pertinent references.	MD_Metadata.identificationInfo MD_DataIdentification.language	15 39
	10	Topic	Main theme(s) of the dataset.	2.2.1.2 topcClas*	Indicates the broad substantive topic(s) that the data cover.	MD_Metadata.identificationInfo MD_DataIdentification.topicCategory CodeList (B 5.27)	15 41
	11	Controlled Vocabulary	Name of the controlled vocabulary used as a source for the controlled keywords.	2.2.1.1 keyword*	<a href="http://www.icpsr.umich.edu/thesaurus/">http://www.icpsr.umich.edu/thesaurus/</a>	MD_Metadata.identificationInfo MD_Identification.descriptiveKeywords> MD_Keywords.thesaurusName> CI_Citation.title	15 33 55 360
	12	Controlled Keywords	Keywords taken from a controlled vocabulary summarising the subject of the dataset.	2.2.1.1 keyword*	ICPSR Subject Thesaurus <a href="http://www.icpsr.umich.edu/thesaurus/">http://www.icpsr.umich.edu/thesaurus/</a>	MD_Metadata.identificationInfo MD_Identification.descriptiveKeywords> MD_Keywords.keyword MD_Keywords.type: CodeList (B 5.17, Code 005)	15 33 53
	13	Other Keywords	Other words or phrases summarising the subject of the dataset.	2.2.1.1 keyword*	Words or phrases that describe salient aspects of a data collection's content. Can be used for building keyword indexes and for classification and retrieval purposes. A controlled vocabulary can be employed.	MD_Metadata.identificationInfo MD_Identification.descriptiveKeywords> MD_Keywords.keyword CodeList (B 5.17, Code 005)	15 33 53

14	Description	A brief description of the dataset. This should include some explanation as to why the dataset was produced and how it has been used since its creation.	2.2.2 abstract*	An unformatted summary describing the purpose, nature, and scope of the data collection, special characteristics of its contents, major subject areas covered, and what questions the PIs attempted to answer when they conducted the study. A listing of major variables in the study is important here.	MD_Metadata.identificationInfo MD_DataIdentification.abstract	15 25
15	Spatial Representation Type	Method used to spatially represent the dataset.	None	None	MD_Metadata.identificationInfo MD_DataIdentification.spatialRepresentationType CodeList (5.26)	15 37
16	Presentation Type	Form in which the dataset is represented.	None	None	MD_Metadata.identificationInfo MD_Identifier.citation> CI_Citation.presentationForm CodeList (B 5.4)	15 24 368
17	Sample	The name of the file that contains the graphic that provides an illustration of the dataset.	None	None	MD_Metadata.identificationInfo MD_Identifier.graphicOverview> MD_BrowseGraphic.filename	15 31 49
18	Further Information	Source of further information about the dataset.	2.3.1.8.1 dataSrc*	Description of sources used for the data collection.	MD_Metadata.identificationInfo MD_DataIdentification.supplementalInformation	15 46
19	Related Datasets	Information about other, related datasets of a similar theme or derived from a common source which may be of interest to the user.	2.5.1 relMat*	Other materials relating to the study description.	MD_Metadata.identificationInfo MD_Identifier.citation> CI_Citation.series> CL_series.name	15 24 369 404

		<b>G2.1</b>	<b>SPATIAL REFERENCE SYSTEM OF THE DATASET</b>	Name or description of the spatial referencing system used within the dataset.				
	REFERENCE SYSTEM OF THE	20	Spatial Reference System	Name of the spatial referencing system used within the dataset It can be based on coordinates (e.g.: National Grid of Great Britain) or geographic identifiers (e.g.: Postcode).	None	None	MD_Metadata.referenceSystemInfo MD_ReferenceSystem.referenceSystemIdentifier	13 187
		<b>G3</b>	<b>DATA QUALITY INFORMATION</b>	A general assessment of the quality of a dataset for determining its fitness for use. Quality is stated in terms of dataset process steps and quality statements.				
DATA QUALITY INFORMATION		21	Data Hierarchical Level	Hierarchical level of the data stated in the process steps and quality statement. Default = Dataset	None	None	MD_Metadata.dataQualityInfo DQ_DataQuality.scope> DQ_Scope.level CodeList (B5.25)	18 78 139
		<b>G3.1</b>	<b>DATASET PROCESS STEPS</b>	Overview of the dataset creation process steps including the status and time periods for data capture, and a dataset's lineage and process steps.				
	DATASET PROCESS STEPS	22	Status of Dataset Creation Process	Declaration on the status for dataset processing steps.	3.1.9 ProcStat?	Processing status of the file. Some data producers and social science data archives employ data processing strategies that provide for release of data and documentation at various stages of processing.	MD_Metadata.identificationInfo MD_Identification.status CodeList (B 5.23)	18 28

	23	Start Date of Dataset Creation Process Period	Date on which dataset creation process was started.	2.2.3.2 collDate*	Contains the date(s) when the data were collected.	MD_Metadata.dataQualityInfo DQ_DataQuality.lineage> LI_Lineage.processStep> LI_ProcessStep.dateTime	18 81 84 89
	24	End Date of Dataset Creation Process Period	Date on which dataset creation process was completed or dataset was last updated.	2.2.3.2 collDate*	Contains the date(s) when the data were collected.	MD_Metadata.dataQualityInfo DQ_DataQuality.lineage> LI_Lineage.processStep> LI_ProcessStep.dateTime	18 81 84 89
	25	Dataset Lineage	Information about the source data used in the construction of the dataset.	2.3.1.8.1 dataSrc*	Used to list the book(s), article(s), serial(s) and/or machine readable data files- if any- that served as sources of the data collection.	MD_Metadata.dataQualityInfo DQ_DataQuality.lineage> LI_Lineage.statement	18 81 83
	26	Description of Dataset Process Steps	A general description of how the dataset was generated or derived.	2.3.1 dataColl*	Information about the methodology employed in a data collection.	MD_Metadata.dataQualityInfo DQ_DataQuality.lineage> LI_Lineage.processStep> LI_ProcessStep.description	18 81 84 87
	<b>G3.2</b>	<b>DATA QUALITY STATEMENT</b>	An assessment of data quality based on logical consistency, completeness, spatial accuracy and attribute accuracy.				

DATA QUALITY STATEMENTS	27	Logical Consistency	Degree of adherence to logical rules of data structure, attribution and relationships.	None	None	MD_Metadata.dataQualityInfo DQ_DataQuality.report> DQ_LogicalConsistency.result> <b>EITHER:</b> DQ_ConformanceResult DQ_ConformanceResult.specification> DQ_ConformanceResult.explanation> DQ_ConformanceResult.pass (1=Yes, 0=No)	18 80 (111)107 <b>Either:</b> 129 130 131 132  <b>or:</b> 133 135 137
	28	Completeness	Presence and absence of features, their attributes and their relationships.	2.4.1.5 complete?	Relationship of the data collected to the amount of data coded and stored in the data collection. Information as to why certain items of collected information were not included in the data file stored by the archive should be provided.	MD_Metadata.dataQualityInfo DQ_DataQuality.report> DQ_Completeness.result> <b>EITHER:</b> DQ_ConformanceResult DQ_ConformanceResult.specification> DQ_ConformanceResult.explanation> DQ_ConformanceResult.pass (1=Yes, 0=No)	18 80 (108)107 <b>Either:</b> 129 130 131 132  <b>or:</b> 133 135 137

		29	Positional Accuracy	Positional accuracy of the data.	None	None	MD_Metadata.dataQualityInfo DQ_DataQuality.report> DQ_PositionalAccuracy.result> <b>EITHER:</b> DQ_ConformanceResult DQ_ConformanceResult.specification> DQ_ConformanceResult.explanation> DQ_ConformanceResult.pass (1=Yes, 0=No)  <b>OR:</b> DQ_QuantitativeResult DQ_QuantitativeResult.valueUnit DQ_QuantitativeResult.value	18 80 (116)107 <b>Either:</b> 129 130 131 132  <b>or:</b> 133 135 137
		30	Attribute Accuracy	Accuracy of quantitative attributes.	None	None	MD_Metadata.dataQualityInfo DQ_DataQuality.report> DQ_QuantitativeAttributeAccuracy.result> <b>EITHER:</b> DQ_ConformanceResult DQ_ConformanceResult.specification> DQ_ConformanceResult.explanation> DQ_ConformanceResult.pass (1=Yes, 0=No)  <b>OR:</b> DQ_QuantitativeResult DQ_QuantitativeResult.valueUnit DQ_QuantitativeResult.value	18 80 (127)107 <b>Either:</b> 129 130 131 132  <b>or:</b> 133 135 137
	<b>G3.3</b>		<b>LEVEL OF SPATIAL DETAIL</b>	Description of the spatial level of granularity or the smallest representative unit associated with disaggregated, statistical data.				

LEVEL OF SPATIAL DETAIL	31	Source Scale Denominator	Denominator of the representative fraction on the source map(s) (e.g. on a 1: 50 000 scale map, the source scale denominator is 50000).	None	None	MD_Metadata.dataQualityInfo DQ_Quality.lineage> LI_Lineage.source> LI_Source.scaleDenominator> MD_RepresentativeFraction.denominator	18 81 85 94 57
	32	Ground Scale Distance	The ground sample distance.	None	None	MD_Metadata.dataQualityInfo MD_DataIdentification.spatialResolution> MD_Resolution.distance	18 38 61
	33	Imagery or Grid Dimension Name	Name of the X-axis. (Default = Column)	None	None	MD_Metadata.spatialRepresentationInfo MD_GridSpatialRepresentation.axisDimensionProperties> MD_Dimension.dimensionName> CodeList (5.14)	12 159 181
	34	Imagery or Grid Raster Cell/Pixel Size (X-Value)	The width of a raster cell expressed in distance units of measure.	None	None	MD_Metadata.spatialRepresentationInfo MD_GridSpatialRepresentation.axisDimensionProperties> MD_Dimension.dimensionSize	12 159 182
	35	Imagery or Grid Dimension Name	Name of the Y-axis. (Default = Row)	None	None	MD_Metadata.spatialRepresentationInfo MD_GridSpatialRepresentation.axisDimensionProperties> MD_Dimension.dimensionName CodeList (5.14)	12 159 181
	36	Imagery or Grid Raster Cell/Pixel Size (Y-Value)	The height of a raster cell expressed in distance units of measure.	None	None	MD_Metadata.spatialRepresentationInfo MD_GridSpatialRepresentation.axisDimensionProperties> MD_Dimension.dimensionSize	12 159 182
	37	Smallest Administrative Unit	The smallest representative unit associated with disaggregated statistical data.	2.2.3.5 geogUnit*	Lowest level of geographic aggregation covered by the data.	None	

		G4	EXTENTS OF A DATASET (WHERE AND WHEN)	The geographic and temporal extents of the dataset expressed in terms of geographic co-ordinates of a bounding rectangle, bounding polygon, geographic identifiers, vertical heights and time period.				
EXTENTS OF A DATASET WHERE AND WHEN)		38	Spatial Reference System used for the Bounding Rectangle/ Bounding Polygon	Name of the spatial reference system used for the geographic co-ordinate extents of a bounding rectangle or bounding polygon.	None	None	None	
		G4.1	EXTENTS OF A DATASET BASED ON THE CO-ORDINATES OF A BOUNDING RECTANGLE	The geographic coverage of the dataset expressed in terms of geographic co-ordinates of a bounding rectangle.				
	EXTENTS OF A DATASET BASED ON THE CO-ORDINATES OF A BOUNDING RECTANGLE	39	West Bounding Co-ordinate	Westernmost co-ordinate of a bounding rectangle.	2.2.3.6.1 westBL	The westernmost coordinate delimiting the geographic extent of the dataset. A valid range of values, expressed in decimal degrees (positive east and positive north), is: -180,0 <= West Bounding Longitude Value <= 180,0	MD_Metadata.identificationInfo MD_DataIdentification.extent> EX_Extent.geographicElement> EX-GeographicBoundingBox.westBoundLongitude	15 45 336 344
		40	East Bounding Co-ordinate	Easternmost co-ordinate of a bounding rectangle.	2.2.3.6.2 eastBL	The easternmost coordinate delimiting the geographic extent of the dataset. A valid range of values, expressed in decimal degrees (positive east and positive north), is: -180,0 <= East Bounding Longitude Value <= 180,0	MD_Metadata.identificationInfo MD_DataIdentification.extent> EX_Extent.geographicElement> EX-GeographicBoundingBox.eastBoundLongitude	15 45 336 345

DATASET BASED ON THE CO-ORDINATES OF A BOUNDING	41	North Bounding Co-ordinate	Northernmost co-ordinate of a bounding rectangle.	2.2.3.6.4 northBL	The northernmost coordinate delimiting the geographic extent of the dataset. A valid range of values, expressed in decimal degrees (positive east and positive north), is: -90,0 <= North Bounding Latitude Value <= 90,0 ; North Bounding Latitude Value = South Bounding Latitude Value	MD_Metadata.identificationInfo MD_DataIdentification.extent> EX_Extent.geographicElement> EX-GeographicBoundingBox.northBoundLatitude	15 45 336 347	
	42	South Bounding Co-ordinate	Southernmost co-ordinate of a bounding rectangle.	2.2.3.6.3 southBL	The southernmost coordinate delimiting the geographic extent of the dataset. A valid range of values, expressed in decimal degrees (positive east and positive north), is: -90,0 <= South Bounding Latitude Value <= 90,0 ; South Bounding Latitude Value <= North Bounding Latitude Value	MD_Metadata.identificationInfo MD_DataIdentification.extent> EX_Extent.geographicElement> EX-GeographicBoundingBox.southBoundLatitude	15 45 336 346	
	<b>G4.2</b>	<b>EXTENTS OF A DATASET BASED ON THE CO-ORDINATES OF A BOUNDING POLYGON</b>	The geographic coverage of the dataset expressed in terms of geographic co-ordinates of a bounding polygon.					
	43	Co-ordinates of a Bounding Polygon	The set of x and y co-ordinates (first number = easting of a point, second number = northing of a point) that make up the co-ordinates of a bounding polygon.	2.2.3.7.1.1.1 gringLat  2.2.3.7.1.1.1 gringLon	Latitude (y coordinate) of a point. Valid range expressed in decimal degrees is as follows: - 90,0 to 90,0 degrees (latitude)  Longitude (x coordinate) of a point. Valid range expressed in decimal degrees is as follows: - 180,0 to 180,0 degrees (longitude)	MD_Metadata.identificationInfo MD_DataIdentification.extent> EX_Extent.geographicElement> EX_GeographicExtent.extentTypeCode = 1 EX_BoundingPolygon.polygon	15 45 336 342	
	<b>G4.3</b>	<b>EXTENTS OF A DATASET BASED ON GEOGRAPHIC IDENTIFIERS</b>	Geographic coverage expressed in terms of geographic identifiers.					

EXTENTS OF A DATASET BASED ON GEOGRAPHIC IDENTIFIERS	44	Nations	Geographic coverage expressed in terms of nations within the British Isles.	2.2.3.3 nation*	Indicates the country or countries covered in the file.	MD_Metadata.identificationInfo MD_DataIdentification.extent> EX_Extent.geographicElement> EX_GeographicExtent.geographicIdentifier	15 45 336 349
	45	Administrative Areas	Geographic coverage expressed in terms of administrative areas.	2.2.3.4 geogCover*	Information on the geographic coverage of the data. Include the total geographic scope of the data, and any additional levels of geographic coding provided in the variables.	MD_Metadata.identificationInfo MD_DataIdentification.extent> EX_Extent.geographicElement> EX_GeographicExtent.geographicIdentifier	15 45 336 349
	46	Postcode Districts	Geographic coverage expressed in terms of postcode districts.	2.2.3.4 geogCover*	Information on the geographic coverage of the data. Include the total geographic scope of the data, and any additional levels of geographic coding provided in the variables.	MD_Metadata.identificationInfo MD_DataIdentification.extent> EX_Extent.geographicElement> EX_GeographicExtent.geographicIdentifier	15 45 336 349
	47	Controlled Place Name Vocabulary	Name of the controlled vocabulary used as a source for the controlled place name keywords.	2.2.1.1 keyword*	ICPSR Geographic Name Thesaurus <a href="http://www.icpsr.umich.edu/thesaurus/">http://www.icpsr.umich.edu/thesaurus/</a>	MD_Metadata.identificationInfo MD_Identification.descriptiveKeywords> MD_Keywords.thesaurusName> CI_Citation.title MD_Keywords.type: CodeList (B 5.17, Code 002)	15 33 55 360
	48	Controlled Place Name Keywords	The geographic name of a location(s) covered by a dataset.	2.2.1.1 keyword*	ICPSR Geographic Name Thesaurus <a href="http://www.icpsr.umich.edu/thesaurus/">http://www.icpsr.umich.edu/thesaurus/</a>	MD_Metadata.identificationInfo MD_DataIdentification.extent> EX_Extent.geographicElement> EX_GeographicExtent.geographicIdentifier	15 45 336 349

	<b>G4.4</b>	<b>VERTICAL EXTENTS OF A DATASET</b>	The vertical extent of the dataset.				
VERTICAL EXTENT	49	Minimum Value	Lowest vertical extent contained in the dataset.	None	None	MD_Metadata.identificationInfo MD_DataIdentification.extent> EX_Extent.verticalElement> EX_VerticalExtent.minimumValue	15 45 338 355
	50	Maximum Value	Highest vertical extent contained in the dataset.	None	None	MD_Metadata.identificationInfo MD_DataIdentification.extent> EX_Extent.verticalElement> EX_VerticalExtent.maximumValue	15 45 338 356
	51	Unit of Measure	Vertical units used for vertical extent.	None	None	MD_Metadata.identificationInfo MD_DataIdentification.extent> EX_Extent.verticalElement> EX_VerticalExtent.unitOfMeasure	15 45 338 357
	52	Vertical Datum	The origin from which the elevation values are measured.	None	None	MD_Metadata.identificationInfo MD_DataIdentification.extent> EX_Extent.verticalElement> EX_VerticalExtent.verticalDatum	15 45 338 358
	<b>G4.5</b>	<b>TEMPORAL EXTENTS OF A DATASET</b>	Time period that the content of a dataset covers.				
TEMPORAL EXTENT	53	Start Date for Time Period Covered by Dataset	The start date of the actual time period the dataset covers.	2.2.3.1 timePrd*	Time Period Covered	MD_Metadata.identificationInfo MD_DataIdentification.extent> EX_Extent.temporalElement> EX_TemporalExtent.extent	15 45 337 351
	54	End Date for Time Period Covered by Dataset	The end dates of the actual time period the dataset covers.	2.2.3.1 timePrd*	Time Period Covered	MD_Metadata.identificationInfo MD_DataIdentification.extent> EX_Extent.temporalElement> EX_TemporalExtent.extent	15 45 337 351

		G5	CUSTODIAN (WHO)	The organisation or person responsible for the maintenance of the dataset.				
CUSTODIAN (WHO)		55	Name of Custodian	The name of the organisation or person responsible for the maintenance of the dataset.	2.1.4.1 distrbtr*	The organization designated by the author or producer to generate copies of a particular data collection including any necessary editions or revisions. Names and addresses may be specified, and other archives may be co-distributors. A URI attribute is included to provide an URN or URL to the ordering service or download facility on a website.	MD_Metadata.identificationInfo MD_Identification.pointOfContact> CI_ResponsibleParty.individualName	15 29 375
					2.1.4.2 contact*	Names and addresses of individuals responsible for the data collection. May be PIs. Individuals listed as contact persons will be used as resource persons regarding problems or questions raised by the user community. The URI attribute should be used to indicate a URN or URL for the homepage of the contact individual. The email attribute is used to indicate an email address for the contact individual.	OR MD_Metadata.identificationInfo MD_Identification.pointOfContact> CI_ResponsibleParty.organisationName	15 29 376
		56	Postal Street Address of Custodian	Postal Street part of address for organisation or person responsible for the maintenance of the dataset.	2.1.4.2 contact*	Names and addresses of individuals responsible for the data collection. May be PIs. Individuals listed as contact persons will be used as resource persons regarding problems or questions raised by the user community. The URI attribute should be used to indicate a URN or URL for the homepage of the contact individual. The email attribute is used to indicate an email address for the contact individual.	MD_Metadata.identificationInfo MD_Identification.pointOfContact> CI_ResponsibleParty.contactInfo > CI_Contact.address> CI_Address.deliveryPoint	15 29 378 389 377

		57	Postal City of Custodian	Postal city part of address for organisation or person responsible for the maintenance of the dataset.	2.1.4.2 contact*	Names and addresses of individuals responsible for the data collection. May be PIs. Individuals listed as contact persons will be used as resource persons regarding problems or questions raised by the user community. The URI attribute should be used to indicate a URN or URL for the homepage of the contact individual. The email attribute is used to indicate an email address for the contact individual.	MD_Metadata.identificationInfo MD_Identification.pointOfContact> CI_ResponsibleParty.contactInfo > CI_Contact.address> CI_Address.city	15 29 378 389 381
		58	Postal County of Custodian	Postal county part of address for organisation or person responsible for the maintenance of the dataset.	2.1.4.2 contact*	Names and addresses of individuals responsible for the data collection. May be PIs. Individuals listed as contact persons will be used as resource persons regarding problems or questions raised by the user community. The URI attribute should be used to indicate a URN or URL for the homepage of the contact individual. The email attribute is used to indicate an email address for the contact individual.	MD_Metadata.identificationInfo MD_Identification.pointOfContact> CI_ResponsibleParty.contactInfo > CI_Contact.address> CI_Address.administrativeArea	15 29 378 389 383
		59	Postal Code of Custodian	Postal code part of address for organisation or person responsible for the maintenance of the dataset.	2.1.4.2 contact*	Names and addresses of individuals responsible for the data collection. May be PIs. Individuals listed as contact persons will be used as resource persons regarding problems or questions raised by the user community. The URI attribute should be used to indicate a URN or URL for the homepage of the contact individual. The email attribute is used to indicate an email address for the contact individual.	MD_Metadata.identificationInfo MD_Identification.pointOfContact CI_ResponsibleParty.contactInfo > CI_Contact.address> CI_Address.postalCode	15 29 378 389 384

60	Postal Country of Custodian	Postal country part of address for organisation or person responsible for the maintenance of the dataset.	2.1.4.2 contact*	Names and addresses of individuals responsible for the data collection. May be PIs. Individuals listed as contact persons will be used as resource persons regarding problems or questions raised by the user community. The URI attribute should be used to indicate a URN or URL for the homepage of the contact individual. The email attribute is used to indicate an email address for the contact individual.	MD_Metadata.identificationInfo MD_Identification.pointOfContact> CI_ResponsibleParty.contactInfo > CI_Contact.address> CI_Address.country	15 29 378 389 385
61	Telephone Number of Custodian	Telephone number of the organisation or person responsible for the maintenance of the dataset.	None	None	MD_Metadata.identificationInfo MD_Identification.pointOfContact> CI_ResponsibleParty.contactInfo > CI_Contact.phone> CI_Telephone.voice	15 29 378 388 408
62	Facsimile Number of Custodian	Facsimile number of the organisation or person responsible for the maintenance of the dataset.	None	None	MD_Metadata.identificationInfo MD_Identification.pointOfContact> CI_ResponsibleParty.contactInfo > CI_Contact.phone > CI_Telephone.facsimile	15 29 378 388 409
63	Email Address of Custodian	Internet email address of the organisation or person responsible for the maintenance of the dataset.	2.1.4.2 contact*	Names and addresses of individuals responsible for the data collection. May be PIs. Individuals listed as contact persons will be used as resource persons regarding problems or questions raised by the user community. The URI attribute should be used to indicate a URN or URL for the homepage of the contact individual. The email attribute is used to indicate an email address for the contact individual.	MD_Metadata.identificationInfo MD_Identification.pointOfContact> CI_ResponsibleParty.contactInfo > CI_Contact.address> CI_Address.electronicMailAddress	15 29 378 389 386

		64	Web Address of Custodian	World Wide Web site Uniform Resource Locator (URL) address for the organisation or person responsible for maintenance of the dataset.	2.1.4.2 contact*	Names and addresses of individuals responsible for the data collection. May be PIs. Individuals listed as contact persons will be used as resource persons regarding problems or questions raised by the user community. The URI attribute should be used to indicate a URN or URL for the homepage of the contact individual. The email attribute is used to indicate an email address for the contact individual.	MD_Metadata.identificationInfo MD_Identification.pointOfContact > CI_ResponsibleParty.contactInfo > CI_Contact.onlineResources > CL_OnlineResource.linkage	15 29 378 390 390
	<b>G6</b>	<b>DISTRIBUTOR (ACCESS)</b>	The organisation or person responsible for the distribution of the dataset.					
<b>DISTRIBUTOR (ACCESS)</b>		65	Name of Distributor	The name of the organisation or person responsible for the distribution of the dataset.	2.1.4.1 distribtr*  2.1.4.2 contact*	The organization designated by the author or producer to generate copies of a particular data collection including any necessary editions or revisions. Names and addresses may be specified, and other archives may be co-distributors. A URI attribute is included to provide an URN or URL to the ordering service or download facility on a website.  Names and addresses of individuals responsible for the data collection. May be PIs. Individuals listed as contact persons will be used as resource persons regarding problems or questions raised by the user community. The URI attribute should be used to indicate a URN or URL for the homepage of the contact individual. The email attribute is used to indicate an email address for the contact individual.	MD_Metadata.distributionInfo MD_Distribution.distributor > MD_Distributor.distributorContact > CI_ResponsibleParty.individualName OR MD_Metadata.distributionInfo MD_Distribution.distributor > MD_Distributor.distributorContact > CI_ResponsibleParty.organisationName	17 272 280 375  272 280 376

		66	Distributor Contact Title	Role or position of the responsible person for the distribution of the dataset.	None	None	MD_Metadata.distributionInfo MD_Distribution > MD_Distributor.distributorContact > CI_ResponsibleParty.positionName	17 29 378 389 377
		67	Postal Street Address of Distributor	Postal Street part of address for organisation or person responsible for the maintenance of the dataset.	2.1.4.2 contact*	Names and addresses of individuals responsible for the data collection. May be PIs. Individuals listed as contact persons will be used as resource persons regarding problems or questions raised by the user community. The URI attribute should be used to indicate a URN or URL for the homepage of the contact individual. The email attribute is used to indicate an email address for the contact individual.	MD_Metadata.distributionInfo MD_Distribution > MD_Distributor.distributorContact > CI_ResponsibleParty.contactInfo > CI_Contact.address> CI_Address.deliveryPoint	17 29 378 389 381
		68	Postal City of Distributor	Postal city part of address for organisation or person responsible for the distribution of the dataset.	2.1.4.2 contact*	Names and addresses of individuals responsible for the data collection. May be PIs. Individuals listed as contact persons will be used as resource persons regarding problems or questions raised by the user community. The URI attribute should be used to indicate a URN or URL for the homepage of the contact individual. The email attribute is used to indicate an email address for the contact individual.	MD_Metadata.distributionInfo MD_Distribution > MD_Distributor.distributorContact > CI_ResponsibleParty.contactInfo > CI_Contact.address> CI_Address.city	17 29 378 389 382

		70	Postal Code of Distributor	Postal code part of address.	2.1.4.2 contact*	Names and addresses of individuals responsible for the data collection. May be PIs. Individuals listed as contact persons will be used as resource persons regarding problems or questions raised by the user community. The URI attribute should be used to indicate a URN or URL for the homepage of the contact individual. The email attribute is used to indicate an email address for the contact individual.	MD_Metadata.distributionInfo MD_Distribution > MD_Distributor.distributorContact > CI_ResponsibleParty.contactInfo > CI_Contact.address> CI_Address.postalCode	17 29 378 389 384
		69	Postal Country of Distributor	Postal country part of address for organisation or person responsible for the distribution of the dataset.	2.1.4.2 contact*	Names and addresses of individuals responsible for the data collection. May be PIs. Individuals listed as contact persons will be used as resource persons regarding problems or questions raised by the user community. The URI attribute should be used to indicate a URN or URL for the homepage of the contact individual. The email attribute is used to indicate an email address for the contact individual.	MD_Metadata.distributionInfo MD_Distribution > MD_Distributor.distributorContact > CI_ResponsibleParty.contactInfo > CI_Contact.address> CI_Address.country	17 29 378 385
		71	Telephone Number of Distributor	Telephone number of the organisation or person responsible for the distribution of the dataset.	None	None	MD_Metadata.distributionInfo MD_Distribution > MD_Distributor.distributorContact > CI_ResponsibleParty.contactInfo > CI_Contact.phone > CI_Telephone.voice	17 29 378 408
		72	Facsimile Number of Distributor	Facsimile number of the organisation or person responsible for the distribution of the dataset.	None	None	MD_Metadata.distributionInfo MD_Distribution > MD_Distributor.distributorContact > CI_ResponsibleParty.contactInfo > CI_Contact.phone > CI_Telephone.facsimile	17 29 378 409

		73	Email Address of Distributor	Internet email address of the organisation or person responsible for the distribution of the dataset.	2.1.4.2 contact*	Names and addresses of individuals responsible for the data collection. May be PIs. Individuals listed as contact persons will be used as resource persons regarding problems or questions raised by the user community. The URI attribute should be used to indicate a URN or URL for the homepage of the contact individual. The email attribute is used to indicate an email address for the contact individual.	MD_Metadata.distributionInfo MD_Distribution > MD_Distributor.distributorContact > CI_ResponsibleParty.contactInfo > CI_Contact.address> CI_Address.electronicMailAddress	17 29 378 389 386
		74	Web Address of Distributor	World Wide Web site Uniform Resource Locator (URL) address for the organisation or person responsible for the distribution of the dataset.	2.1.4.2 contact*	Names and addresses of individuals responsible for the data collection. May be PIs. Individuals listed as contact persons will be used as resource persons regarding problems or questions raised by the user community. The URI attribute should be used to indicate a URN or URL for the homepage of the contact individual. The email attribute is used to indicate an email address for the contact individual.	MD_Metadata.distributionInfo MD_Distribution > MD_Distributor.distributorContact > CI_ResponsibleParty.contactInfo > CI_Contact.onlineResources> CL_OnlineResource.linkage	17 29 378 390 390
		75	Supply Media	Media format in which the dataset can be supplied.	None	None	MD_Metadata.distributionInfo MD_Distribution.transferOptions> MD_DigitalTransferOptions.offline> MD_Medium.name <Codelist> (B 5.20)	17 273 278 292
		76	On-line Linkage	The name of the World Wide Web site or other on-line source that holds the dataset.	2.4.1.1 accsPlac*	Use the URI attribute to provide a URN or URL for the storage site or the actual address from which the data may be downloaded.	MD_Metadata.distributionInfo MD_Distribution.transferOptions> MD_DigitalTransferOptions.online> CI_OnlineResource.linkage	17 273 277 390

	77	Dataset File Size	The estimated size of the dataset file to be transferred.	None	None	MD_Metadata.distributionInfo MD_Distribution.transferOptions> MD_DigitalTransferOptions.transferSize	17 273 276
		<b>DATASET NAME AND FORMAT</b>	Dataset name and format in which digital data can be provided.				
	78	Dataset Format Name	Format name in which digital data can be provided (e.g.: DXF, DLG, DBF, MapInfo, IDRISI, ARC/INFO, ERDAS).	3.1.6 format?	Physical format of the data file.	MD_Metadata.distributionInfo MD_Distribution.distributorFormat > MD_Format.name	17 271 285
	79	Dataset Format Version	Format name in which digital data can be provided (e.g. 1.0, 3.1, 8.0).	3.1.6 format?	Physical format of the data file.	MD_Metadata.distributionInfo MD_Distribution.distributorFormat > MD_Format.version	17 271 286
	<b>G6.1</b>	<b>ACCESS AND USE CONSTRAINTS</b>	Restrictions and legal prerequisites for accessing or using the dataset.				
<b>ACCESS AND USE CONSTRAINTS</b>	80	Access Constraints	Restrictions and legal prerequisites for accessing the dataset. These include any access constraints applied to ensure the protection of privacy or intellectual property and any special restrictions or limitations on obtaining the dataset.	None	None	MD_Metadata.identificationInfo.resourceConstraints/MD_Metadata.metadataConstraints MD_LegalConstraints.accessConstraints CodeList (5.24)	15/20 70

		81	Use Constraints	Constraints applied to ensure the protection of privacy or intellectual property and any specific restrictions or limitations on using the dataset.	None	None	MD_Metadata.identificationInfo.resourceConstraints/MD_Metadata.metadataConstraints MD_LegalConstraints.useConstraints CodeList (5.24)	15/20 71
		82	Use Constraints Details	Limitations affecting the dataset's fitness for use.	2.4.2.3 restrctn? 2.4.2.8 disclaimer?	Any restrictions on access to or use of the collection such as privacy certification or distribution restrictions should be indicated here. These can be restrictions applied by the author, producer, or disseminator of the data collection. If the data are restricted to only a certain class of user, specify which type.  Disclaimer (information regarding responsibility for uses of data collection).	MD_Metadata.identificationInfo.MD_resourceConstraints/MD_Metadata.metadataConstraints MD_Constraints.useLimitation	15/20 68
		83	Other Constraints Details	Other restrictions and legal prerequisites for accessing the dataset.	2.4.2.1 confDec? 2.4.2.2 specPerm?	Confidentiality Declaration (determine if signing is needed to access a resource). Special Permissions (determine if special permission required to access a resource).	MD_Metadata.identificationInfo.MD_resourceConstraints/MD_Metadata.metadataConstraints MD_LegalConstraints.otherConstraints	15/20 72

		G7	<b>METADATA CREATOR INFORMATION</b>	The organisation or person responsible for creating and updating metadata record(s).				
<b>METADATA CREATOR INFORMATION</b>	84	Name of Metadata Creator	The name of the organisation or person responsible for creating and updating the metadata record(s).	1.1.2.1 AuthEnty*	Person, corporate body or agency responsible for the work's substantive and intellectual content.	MD_Metadata.contact> CI_ResponsibleParty.individualName  OR MD_Metadata.contact> CI_ResponsibleParty.organisationName	8 375  8 376	
	85	Postal Street Address of Metadata Creator	Postal Street part of address for organisation or person responsible for metadata creation and updates.	None	None	MD_metadata.contact> CI_ResponsibleParty.contactInfo > CI_Contact.address> CI_Address.deliveryPoint	8 378 389 381	
	86	Postal City of Metadata Creator	Postal city part of address for organisation or person responsible for metadata creation and updates.	None	None	MD_metadata.contact> CI_ResponsibleParty.contactInfo > CI_Contact.address> CI_Address.city	8 378 389 382	
	88	Postal Code of Metadata Creator	Postal code part of address.	None	None	MD_metadata.contact> CI_ResponsibleParty.contactInfo > CI_Contact.address> CI_Address.postalCode	378 389 384	
	87	Postal Country of Metadata Creator	Postal country part of address for organisation or person responsible for metadata creation and updates.	None	None	MD_metadata.contact> CI_ResponsibleParty.contactInfo > CI_Contact.address> CI_Address.country	8 378 388 385	

89	Telephone Number of Metadata Creator	Telephone number of the organisation or person responsible for metadata creation and updates.	None	None	MD_metadata.contact> CI_ResponsibleParty.contactInfo > CI_Contact.phone> CI_Telephone.voice	8 378 388 408
90	Facsimile Number of Metadata Creator	Facsimile number of the organisation or person responsible for creating and updating the metadata record(s).	None	None	MD_metadata.contact> CI_ResponsibleParty.contactInfo > CI_Contact.phone> CI_Telephone.facsimile	8 378 388 409
91	Email Address of Metadata Creator	Internet email address of the organisation or person responsible for creating and updating the metadata record(s).	None	None	MD_metadata.contact> CI_ResponsibleParty.contactInfo > CI_Contact.address> CI_Address.electronicMailAddress>	8 378 389 386
92	Web Address of Metadata Creator	World Wide Web site Uniform Resource Locator (URL) address for the organisation or person responsible for creating and updating the metadata record(s).	None	None	MD_metadata.contact> CI_ResponsibleParty.contactInfo > CI_contact.onlineResources> CI_OnlineResources.linkage	8 378 390 390
93	Metadata Record Identifier	Unique identifier for the metadata record.	None	None	MD_metadata.fileIdentifier	2
94	Parent Metadata Record Identifier	Identifier used for parent or original metadata record.	1.1.1.5 IDNo*	Unique string or number for identification of document.	MD_metadata.parentIdentifier	5
95	Metadata Last Updated	Date on which the metadata record was last updated.	1.1.3.3 prodDate?	Date the marked-up document was produced (not distributed or archived). The ISO standard for dates (YYYY-MM-DD) is recommended for use with the date attribute. Equivalent to Dublin Core Date.	MD_Metadata.dateStamp	9
96	Metadata Standard Name	Name of the HFE Profile used.	None	None	MD_Metadata.metadataStandardName	10
97	Metadata Standard Version	Version of the HFE Profile used.	None	None	MD_Metadata.metadataStandardVersion	11