I. Les métadonnées

Pour décrire des données spatiales, il convient de mettre en place un certain nombre
de critères autour des données proprement dites. Ces critères s'appellent des métadonnées, définies comme des « données sur les données », et font l'objet de normes. Dans ArcCanada 3.0, vous trouverez les métadonnées pour chaque fichier de formes dans un autre fichier avec l'extension **.xml**. Par exemple, pour le fichier de formes **canada2001.shp**, vous trouverez, dans le même répertoire, un fichier nommé **canada2001.shp.xml**. L'outil par excellence pour prendre connaissance des métadonnées d'un fichier de formes est l'application ArcCatalog d'ArcGIS 8.3. Si votre ordinateur n'est pas suffisamment performant pour permettre l'installation de ce logiciel, vous pouvez obtenir un outil (script) chez ESRI France qui vous permettra d'installer l'extension **Consultation des métadonnées ISO** dans ArcView 3.3. Vous trouverez cet outil à http://support.esrifrance.fr/outilsscripts/arcview/themes/metadonnees/consultationmetadonneesiso/consultationmetadonneesiso.html.
Notez, en passant, que ESRI France met à la disposition des utilisateurs d'Arciew 3.x toute une variété d'outils à http://support.esrifrance.fr/outilsscripts/arcview/. Il existe aussi un petit logiciel autonome gratuit qui permet de faire la lecture de fichiers XML. Vous trouverez ce logiciel, XML Viewer, chez MindFusion, www.mindfusion.org.

Les métadonnées d'un fichier de formes incluent les attributs de la table associée à

Les métadonnées d'un fichier de formes incluent les attributs de la table associée à ce fichier.
Un code est assigné à chacun de ces attributs. Ci-dessous, vous trouverez la définition des codes des attributs (en anglais) pour des fichiers fréquemment utilisés en Sciences humaines Secondaire 2 et en Sciences de la nature Secondaire 2.

- **Disque 1 d'ArcCanada Version 3.0**
  - **\national\shp\canada2001.shp**
  - **\national\tables\prov_stats\agricult.dbf**
  - **\national\tables\prov_stats\land.dbf**

- **Disque 3 d'ArcCanada Version 3.0**
  - **\continental\na\tables\agricul.dbf**
  - **\continental\na\tables\wri_3m.dbf**
  - **\world\shp\cities.shp**
  - **\world\shp\cntry95.shp**
  - **\world\shp\lakes.shp**
  - **\world\shp\minerals.shp**
  - **\world\shp\ocean_background.shp**
  - **\world\shp\region.shp**
  - **\world\shp\rivers.shp**
  - **\world\shp\wwf_ecoreg.shp**

II. **Définitions des attributs**

- Disque 1 d'ArcCanada Version 3.0

  - \national\shp**canada2001.shp**

    - FID = Internal feature number
    - SHAPE = Feature geometry
    - KEY = Unique identifier
    - NAME = English name
    - NOM = French name
    - POP_2001 = Population in 2001
    - DWELL_2001 = Dwelling counts in 2001
    - PRCODE = Provincial code
    - AREA_KM = Area in kilometres

  - \national\tables\prov_stats**agricult.dbf**

- OID = Internal object number
- PROVINCE = Name of province
- TCF91 = Total number of census farms (1991) - # farms
- TCF96 = Total number of census farms (1996) - # farms
- GFR^3_91 = Total number of census farms with farms receipts over $100 000 (1991) - # farms
- GFR^3_96 = Total number of census farms with farms receipts over $100 000 (1996) - # farms
- LNDCRP91 = Area of land used for producing crops (1991) - acres
- LNDCRP96 = Area of land used for producing crops (1996) - acres
- SMRFLW91 = Area of land left as fallow land on census farms (1991) - acres
- SMRFLW96 = Area of land left as fallow land on census farms (1996) - acres
- TTLPL91 = Area of land used for cattle pasture (1991) - acres
- TTLPL96 = Area of land used for cattle pasture (1996) - acres
- AOLND91 = All other agricultural lands (1991) - acres
- AOLND96 = All other agricultural lands (1996) - acres
- TLOCF91 = Total area of land (1991) - acres
- TLOCF96 = Total area of land (1996) - acres
- AVCFS91 = Average size of census farms (1991) - acres
- AVCFS96 = Average size of census farms (1996) - acres
- H+FC91 = Area of land used for producing hay and fodder crops (1991) - acres
- H+FC96 = Area of land used for producing hay and fodder crops (1996) - acres
- G+SC91 = Area of land used for producing grain and silage corn (1991) - acres
- G+SC96 = Area of land used for producing grain and silage corn (1996) - acres
- SOY91 = Area of land used for producing soybeans (1991) - acres
- SOY96 = Area of land used for producing soybeans (1996) - acres
- WWHEAT91 = Area of land used for producing winter wheat (1991) - acres
- WWHEAT96 = Area of land used for producing winter wheat (1996) - acres
- BARLEY91 = Area of land used for producing barley (1991) - acres
- BARLEY96 = Area of land used for producing barley (1996) - acres
- POTAT91 = Area of land used for producing potatoes (1991) - acres
- POTAT96 = Area of land used for producing potatoes (1996) - acres
- BBERRY91 = Area of land used for producing blueberries (1991) - acres
- BBERRY96 = Area of land used for producing blueberries (1996) - acres
- RTBGS91 = Area of land used for producing rutabagas (1991) - acres
- RTBGS96 = Area of land used for producing rutabagas (1996) - acres
- CBBG91 = Area of land used for producing cabbage (1991) - acres
- CBBG96 = Area of land used for producing cabbage (1996) - acres

- MG91 = Area of land used for producing mixed grains (1991) - acres
- MG96 = Area of land used for producing mixed grains (1996) - acres
- SW-DM91 = Area of land used for producing spring wheat except durum (1991) - acres
- SW-DM96 = Area of land used for producing spring wheat except durum (1996) - acres
- CANOLA91 = Area of land used for producing canola (1991) - acres
- CANOLA96 = Area of land used for producing canola (1996) - acres
- OATS91 = Area of land used for producing oats (1991) - acres
- OATS96 = Area of land used for producing oats (1996) - acres
- DM_W91 = Area of land used for producing durum wheat (1991) - acres
- DM_W96 = Area of land used for producing durum wheat (1996) - acres
- A_IR91 = Area of land irrigated (1991) - acres
- A_IR96 = Area of land irrigated (1996) - acres
- AAW/CF91 = Area of land fertilized with commercial fertilizers (1991) - acres
- AAW/CF96 = Area of land fertilized with commercial fertilizers (1996) - acres
- ATW/H91 = Area of land treated with herbicides (1991) - acres
- ATW/H96 = Area of land treated with herbicides (1996) - acres
- ATRMRS91 = Area of tilled land retaining plant residue from previous season on soil surface (1991) - acres
- ATRMRS96 = Area of tilled land retaining plant residue from previous season on soil surface (1996) - acres
- ATIMRS91 = Area of tilled land where plant residue from previous season is mixed into soil (1991) - acres
- ATIMRS96 = Area of tilled land where plant residue from previous season is mixed into soil (1996) - acres
- A_NT91 = Area of land where the land has not been tilled (1991) - acres
- A_NT96 = Area of land where the land has not been tilled (1996) - acres
- TC+C91 = Total number of cattle and calves on farm (1991) - # animals
- TC+C96 = Total number of cattle and calves on farm (1996) - # animals
- TBC91 = Total number of cows produced for beef (1991) - # animals
- TBC96 = Total number of cows produced for beef (1996) - # animals
- TDC91 = Total number of cows produced for dairy products (1991) - # animals
- TDC96 = Total number of cows produced for dairy products (1996) - # animals
- TS+L91 = Total number of sheep and lambs (1991) - # animals
- TS+L96 = Total number of sheep and lambs (1996) - # animals
- TPIGS91 = Total number of pigs (1991) - # animals
- TPIGS96 = Total number of pigs (1996) - # animals
- TH+C91 = Total number of hens and chickens (1991) - # animals
- TH+C96 = Total number of hens and chickens (1996) - # animals
- TGFR91 = Total amount of all farm receipts (1991) - $ (CAD)
- TGFR96 = Total amount of all farm receipts (1996) - $ (CAD)
- AVGFR91 = Average amount of farm receipts (1991) - $ (CAD)

- AVGFR96 = Average amount of farm receipts (1996) - $ (CAD)
- TIE91 = Total amount paid in interest by farmers (1991) - $ (CAD)
- TIE96 = Total amount paid in interest by farmers (1996) - $ (CAD)
- AVIE91 = Average amount of interest paid by each farm (1991) - $ (CAD)
- AVIE96 = Average amount of interest paid by each farm (1996) - $ (CAD)
- TOPEX91 = Total farm operation expenses (1991) - $ (CAD)
- TOPEX96 = Total farm operation expenses (1996) - $ (CAD)
- AVOPEX91 = Average farm operation expenses (1991) - $ (CAD)
- AVOPEX96 = Average farm operation expenses (1996) - $ (CAD)
- TFCV91 = Total value of farms (1991) - $ (CAD)
- TFCV96 = Total value of farms (1996) - $ (CAD)
- AVCV91 = Average value of farms (1991) - $ (CAD)
- AVCV96 = Average value of farms (1996) - $ (CAD)
- TFDO91 = Total of outstanding debts owed by farmers (1991) - $ (CAD)
- TFDO96 = Total of outstanding debts owed by farmers (1996) - $ (CAD)
- T_AOF81 = Total area of farms, in respective province, in square kilometres (1981) – km^2
- T_AOF86 = Total area of farms, in respective province, in square kilometres (1986) - km^2
- T_AOF91 = Total area of farms, in respective province, in square kilometres (1991) - km^2
- ILUC81 = Total area of improved lands under crops, in respective province, in square kilometres (1981) - km^2
- ILUC86 = Total area of improved lands under crops, in respective province, in square kilometres (1986) - km^2
- ILUC91 = Total area of improved lands under crops, in respective province, in square kilometres (1991) - km^2
- ILIP81 = Total area of improved lands in pasture, in respective province, in square kilometres (1981) - km^2
- ILIP86 = Total area of improved lands in pasture, in respective province, in square kilometres (1986) - km^2
- ILIP91 = Total area of improved lands in pasture, in respective province, in square kilometres (1991) - km^2
- ILISP81 = Total area of improved land left as fallow land, in respective province, in square kilometres (1981) - km^2
- ILISP86 = Total area of improved land left as fallow land, in respective province, in square kilometres (1986) - km^2
- ILISP91 = Total area of improved land left as fallow land, in respective province, in square kilometres (1991) - km^2
- #CF91 = Total number of cattle farms (1991) - # farms
- #SGF91 = Total number of small grain farms, not including wheat (1991)- # farms
- #WF91 = Total number of wheat farms (1991) - # farms
- #DF91 = Total number of dairy farms (1991) - # farms

- #MSF91 = Total number of specialty farms (1991) - # farms
- #FCSGF91 = Total number of farms producing other field crops (1991) - # farms
- #HF91 = Total number of hog farms (1991) - # farms
- #F+V91 = Total number of fruits and vegetable farms (1991) - # farms
- #LSCF91 = Total number of farms producing combinations of livestock (1991) - # farms
- #OCF91 = Total number of other combination farms (1991) - # farms
- #PF91 = Total number of poultry farms (1991) - # farms

- o \national\tables\prov_stats**land.dbf**

  - OID = Internal object number
  - PROVINCE = Name of province
  - T_AREA = Total area - km^2
  - LAND = Total area of dry land - km^2
  - FRSHH2O = Total area of freshwater - km^2
  - %T_AREA = Area of freshwater as percentage of total area - %
  - T_IFLND = Area of total inventoried forest lands (1991) - km^2
  - T_PFLND = Area of total productive forest lands (1991) - km^2
  - TFFIRES = Total number of forest fires (1993) - # fires
  - TFFDHA = Total number of forest fires caused by human activities (1993) - # fires
  - TFFDL = Total number of forest fires caused by lightning (1993) - # fires
  - TFFDUC = Total number of forest fires with unknown causes (1993) - # fires
  - TFLANDB = Area of forest land burned (1993) - hectares
  - TFLBDH = Area of forest land burned due to human activities (1993) - hectares
  - TFLBDL = Area of forest land burned due to lightning (1993) - hectares
  - TFLBDUC = Area of forest land burned due to unknown causes (1993) - hectares
  - CLRCUT92 = Area of clear-cut forest (1992) - hectares
  - CLRCUT93 = Area of clear-cut forest (1993) - hectares
  - T_HARV92 = Area of harvested forest lands (1992) - hectares
  - T_HARV93 = Area of harvested forest lands (1993) - hectares
  - LRWSD92 = N/A
  - LRWSL92 = N/A
  - LRWSD93 = N/A
  - LRWSL93 = N/A
  - TPAPG89 = Total expenditures made by the provincial government to improve the quality of our environment (1989) - $ in thousands

- TPAPG90 = Total expenditures made by the provincial government to improve the quality of our environment (1990) - $ in thousands
- TPAPG91 = Total expenditures made by the provincial government to improve the quality of our environment (1991) - $ in thousands
- TPAPG92 = Total expenditures made by the provincial government to improve the quality of our environment (1992) - $ in thousands
- TPALG90 = Total expenditures made by the local governments to improve the quality of our environment (1990) - $ in thousands
- TPALG91 = Total expenditures made by the local governments to improve the quality of our environment (1991) - $ in thousands
- TPALG92 = Total expenditures made by the local governments to improve the quality of our environment (1992) - $ in thousands
- TPALG93 = Total expenditures made by the local governments to improve the quality of our environment (1993) - $ in thousands
- SCD_P89 = Total expenditures made by the provincial government on sewage collection and disposal (1989) - $ in thousands
- SCD_P90 = Total expenditures made by the provincial government on sewage collection and disposal (1990) - $ in thousands
- SCD_P91 = Total expenditures made by the provincial government on sewage collection and disposal (1991) - $ in thousands
- SCD_P92 = Total expenditures made by the provincial government on sewage collection and disposal (1992) - $ in thousands
- SCD_L90 = Total expenditures made by local governments on sewage collection and disposal (1990) - $ in thousands
- SCD_L91 = Total expenditures made by local governments on sewage collection and disposal (1991) - $ in thousands
- SCD_L92 = Total expenditures made by local governments on sewage collection and disposal (1992) - $ in thousands
- SCD_L93 = Total expenditures made by local governments on sewage collection and disposal (1993) - $ in thousands
- WC+D_P89 = Total expenditures made by the provincial government on waste collection and disposal (1989) - $ in thousands
- WC+D_P90 = Total expenditures made by the provincial government on waste collection and disposal (1990) - $ in thousands
- WC+D_P91 = Total expenditures made by the provincial government on waste collection and disposal (1991) - $ in thousands

- WC+D_P92 = Total expenditures made by the provincial government on waste collection and disposal (1992) - $ in thousands
- WC+D_P90 = Total expenditures made by local governments on waste collection and disposal (1990) - $ in thousands
- WC+D_P91 = Total expenditures made by local governments on waste collection and disposal (1991) - $ in thousands
- WC+D_P92 = Total expenditures made by local governments on waste collection and disposal (1992) - $ in thousands
- WC+D_P93 = Total expenditures made by local governments on waste collection and disposal (1993) - $ in thousands
- POL_C_89 = Total expenditures made by the provincial government on pollution control (1989) - $ in thousands
- POL_C_90 = Total expenditures made by the provincial government on pollution control (1990) - $ in thousands
- POL_C_91 = Total expenditures made by the provincial government on pollution control (1991) - $ in thousands
- POL_C_92 = Total expenditures made by the provincial government on pollution control (1992) - $ in thousands
- OES _P_89 = Total expenditures made by the provincial government on environmental services (1989) - $ in thousands
- OES _P_90 = Total expenditures made by the provincial government on environmental services (1990) - $ in thousands
- OES _P_91 = Total expenditures made by the provincial government on environmental services (1991) - $ in thousands
- OES _P_92 = Total expenditures made by the provincial government on environmental services (1992) - $ in thousands
- OES _P_90 = Total expenditures made by local governments on environmental services (1990) - $ in thousands
- OES _P_91 = Total expenditures made by local governments on environmental services (1991) - $ in thousands
- OES _P_92 = Total expenditures made by local governments on environmental services (1992) - $ in thousands
- OES _P_93 = Total expenditures made by local governments on environmental services (1993) - $ in thousands

- Disque 3 d'ArcCanada Version 3.0

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  - OID = Internal feature number
  - CNTRY = Country code
  - CNTRY_NAME = The name of the country
  - REGION = Region of continent
  - LAND_OCEAN = Identifies continents, islands, and ocean areas
  - ISLND_RANK = Offshore islands are ranked for cartographic significance, primarily on the basis of size
  - STAT_FLAG = Flag used to identify a single polygon for each country for purposes of calculating summary statistics
  - EEC = European Economic Community
  - FAO = Food and Agriculture Organization
  - GA = UN General Assembly
  - GA_MEMB_YR = UN General Assembly (year)
  - IAEA = International Atomic Energy Agency
  - IBRD = International Bank for Reconstruction and Development
  - IMF = International Monetary Fund
  - OPEC = Organization of Petroleum Exporting Countries
  - SC = United Nations Security Council
  - UNESCO = United Nations Education, Scientific, and Cultural Organization
  - WHO = World Health Organization
  - WMO = World Meteorological Organization
  - WB_CNTRY = World Bank Country code
  - P_AGLAND65 = Percent of agricultural land, in five-year intervals
  - P_AGLAND70 = Percent of agricultural land, in five-year intervals
  - P_AGLAND75 = Percent of agricultural land, in five-year intervals
  - P_AGLAND80 = Percent of agricultural land, in five-year intervals
  - P_AGLAND85 = Percent of agricultural land, in five-year intervals
  - P_AGLAND89 = Percent of agricultural land, in five-year intervals
  - POPDNSAG65 = Population per square kilometre of agricultural land, in five-year intervals
  - POPDNSAG70 = Population per square kilometre of agricultural land, in five-year intervals
  - POPDNSAG75 = Population per square kilometre of agricultural land, in five-year intervals
  - POPDNSAG80 = Population per square kilometre of agricultural land, in five-year intervals
  - POPDNSAG85 = Population per square kilometre of agricultural land, in five-year intervals
  - POPDNSAG89 = Population per square kilometre of agricultural land, in five-year intervals
  - FORESTS65 = The land area under natural or planted stands of trees, measured in square kilometre, in five-year intervals

- FORESTS70 = The land area under natural or planted stands of trees, measured in square kilometre, in five-year intervals
- FORESTS75 = The land area under natural or planted stands of trees, measured in square kilometre, in five-year intervals
- FORESTS80 = The land area under natural or planted stands of trees, measured in square kilometre, in five-year intervals
- FORESTS85 = The land area under natural or planted stands of trees, measured in square kilometre, in five-year intervals
- FORESTS89 = The land area under natural or planted stands of trees, measured in square kilometre, in five-year intervals
- NETDEFOR65 = The net deforestation rate of change for forest and woodland area, expressed as a percentage, in five-year intervals
- NETDEFOR70 = The net deforestation rate of change for forest and woodland area, expressed as a percentage, in five-year intervals
- NETDEFOR75 = The net deforestation rate of change for forest and woodland area, expressed as a percentage, in five-year intervals
- NETDEFOR80 = The net deforestation rate of change for forest and woodland area, expressed as a percentage, in five-year intervals
- NETDEFOR85 = The net deforestation rate of change for forest and woodland area, expressed as a percentage, in five-year intervals
- NETDEFOR89 = The net deforestation rate of change for forest and woodland area, expressed as a percentage, in five-year intervals
- IMPTCERL65 = Food imports of cereals, measured in metric tons, in five-year intervals
- IMPTCERL70 = Food imports of cereals, measured in metric tons, in five-year intervals
- IMPTCERL75 = Food imports of cereals, measured in metric tons, in five-year intervals
- IMPTCERL80 = Food imports of cereals, measured in metric tons, in five-year intervals
- IMPTCERL85 = Food imports of cereals, measured in metric tons, in five-year intervals
- IMPTCERL89 = Food imports of cereals, measured in metric tons, in five-year intervals
- AIDCERLB70 = Cereal food aid, measured in metric tons, in five-year intervals
- AIDCERLB75 = Cereal food aid, measured in metric tons, in five-year intervals
- AIDCERLB80 = Cereal food aid, measured in metric tons, in five-year intervals
- AIDCERLB85 = Cereal food aid, measured in metric tons, in five-year intervals
- AIDCERLB89 = Cereal food aid, measured in metric tons, in five-year intervals
- FOODPROD65 = Food production per capita, in five-year interval
- FOODPROD70 = Food production per capita, in five-year interval
- FOODPROD75 = Food production per capita, in five-year interval
- FOODPROD80 = Food production per capita, in five-year interval

- FOODPROD85 = Food production per capita, in five-year interval
- FOODPROD89 = Food production per capita, in five-year interval
- P_AGGDPB65 = Percentage share of agriculture in the GDP, in five-year intervals
- P_AGGDPB70 = Percentage share of agriculture in the GDP, in five-year intervals
- P_AGGDPB75 = Percentage share of agriculture in the GDP, in five-year intervals
- P_AGGDPB80 = Percentage share of agriculture in the GDP, in five-year intervals
- P_AGGDPB85 = Percentage share of agriculture in the GDP, in five-year intervals
- P_AGGDPB89 = Percentage share of agriculture in the GDP, in five-year intervals
- CAL_CAP65 = Total calorie supply per person daily, in five-year intervals
- CAL_CAP70 = Total calorie supply per person daily, in five-year intervals
- CAL_CAP75 = Total calorie supply per person daily, in five-year intervals
- CAL_CAP80 = Total calorie supply per person daily, in five-year intervals
- CAL_CAP85 = Total calorie supply per person daily, in five-year intervals
- CAL_CAP89 = Total calorie supply per person daily, in five-year intervals
- PROT_CAP65 = The protein content per person of the net food supply per capita, measured in grams, in five-year intervals
- PROT_CAP70 = The protein content per person of the net food supply per capita, measured in grams, in five-year intervals
- PROT_CAP75 = The protein content per person of the net food supply per capita, measured in grams, in five-year intervals
- PROT_CAP80 = The protein content per person of the net food supply per capita, measured in grams, in five-year intervals
- PROT_CAP85 = The protein content per person of the net food supply per capita, measured in grams, in five-year intervals
- PROT_CAP89 = The protein content per person of the net food supply per capita, measured in grams, in five-year intervals

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- OID = Internal object number
- COUNTRY = Country code
- CNTRY_NAME = Name of the country
- REGION = Region of continent
- LAND_OCEAN = Identifies continents, islands, and ocean areas
- ISLND_RANK = Offshore islands are ranked for cartographic significance, primarily on the basis of size
- STAT_FLAG = Flag used to identify a single polygon for each country for purposes of calculating summary statistics

- EEC = European Economic Community
- FAO = Food and Agriculture organization
- GA = UN General Assembly
- GA_MEMB_YR = UN General Assembly (year)
- IAEA = International Atomic Energy Agency
- IBRD = International Bank for Reconstruction and Development
- IMF = International Monetary Fund
- OPEC = Organization of Petroleum Exporting Countries
- SC = United Nations Security Council
- UNESCO = United Nations Education, Scientific, and Cultural Organization
- WHO = World Health Organization
- WMO = World Meteorological Organization
- WRI_CNTRY = World Resources Institute Country code
- P_AGGDPR88 = Agriculture, percent of GDP in 1988
- P_INDGDP88 = Industry, percent of GDP in 1988
- P_SERGDP88 = Services, percent of GDP in 1988
- P_GVTGDP89 = Central government expenditures as a percentage of GDP in 1989
- GVT_CAP89 = Central government expenditures per capita in 1989 - $ (USD)
- GVDEFENS89 = Government expenditure for defence in 1989 - $ (USD)
- GVEDUCAT89 = Government expenditure for education in 1989 - $ (USD)
- GVHEALTH89 = Government expenditure for health in 1989 - $ (USD)
- GVWLFHSE89 = Government expenditure for social security, welfare and housing in 1989 - $ (USD)
- GVRECCLR89 = Government expenditure for recreation, culture and religion in 1989 - $ (USD)
- GVAGFORF89 = Government expenditure for agriculture, forestry, fishing, and hunting in 1989 - $ (USD)
- GVTRNCOM89 = Transportation and communication in 1989 - $ (USD)
- SAFH2OUR88 = Percentage of the urban population with access to safe drinking water in 1988
- SAFH2ORR88 = Percentage of the rural population with access to safe drinking water in 1988
- SANITATU80 = Percentage of the urban population with access to sanitation services in 1980
- SANITATR80 = Percentage of the rural population with access to sanitation services in 1980
- HLTHSERV88 = Percentage of the total population with access to health services in 1988
- PRIMRY_F89 = Number of females who are age 25 and older who have completed primary school in 1989
- PRIMRY_M89 = Number of males who are age 25 and older who have completed primary school in 1989
- POSTSECF89 = Number of females who are age 25 and older and have some post-secondary education in 1989
- POSTSECM89 = Number of males who are age 25 and older and have some post-secondary education in 1989

- ORTUSE_R88 = Percentage of children experiencing episodes of diarrhoea that were treated with oral rehydration salts in 1988
- IMMUN_TB90 = Percentage of children who were fully immunized in 1990 by tuberculosis
- IM_DPT90 = Percentage of children who were fully immunized in 1990 with diphtheria, pertussis, and tetanus
- IM_POLIO = Percentage of children who were fully immunized in 1990 with polio
- IM_MEASL90 = Percentage of children who were fully immunized in 1990 with measles
- CONTRCEP89 = Couples using birth control in 1989
- WILDERNS88 = Percentage of wilderness area in 1988
- HHLDSIZR86 = Average number of occupants per household, in 1986
- HHWOELEC82 = Non-electric households in 1982
- TOTROADS89 = Total kilometres of roads per thousand km^2 in 1989
- PAVEDRDS89 = Total kilometres of paved roads per thousand km^2 in 1989
- AIRPORTS89 = Total number of public airports in 1989
- CROPLAND89 = Total area of cropland/1000 hectares in 1989
- FERTILZE89 = Average annual quantity of fertilizers consumed in 1989
- AIDCERLR89 = Cereal food aid received in 1989
- NOSOILCN89 = Land with no soil limits in 1989
- CLOSEFOR80 = Total closed forest area in 1980
- OPENFOR80 = Total open forest area in 1980
- PLANTATN80 = Total forest plantation area in 1980
- OTHWOODS80 = Total other wooded area in 1980
- DEFORCLO85 = Annual deforested/closed forest in 1985
- P_DEFCLO85 = Annual deforested/total forest in 1985
- DEFORTOT85 = Annual deforested/total forest in 1985
- P_DEFTOT85 = Percentage deforested/total forest in 1985
- ESTDEFOR89 = Most recent deforested estimate in 1989
- REFOREST85 = Reforestation area in 1985
- MANGCLOF80 = Managed closed forest area in 1980
- PROTCLOF80 = Protected closed forest area in 1980
- P_PROTLN90 = Percentage national land protected in 1990
- PRMARINE90 = Number marine/coastal protected in 1990
- PRMARN_A90 = Area marine/coastal protected in 1990
- BIORESRV90 = Number of biosphere reserves in 1990
- BIORES_A90 = Area of biosphere reserves in 1990
- WETLANDS90 = Number internationally significant wetlands in 1990
- WETLND_A90 = Area internationally significant wetlands in 1990

- MAMLSPEC90 = Number known mammal species in 1990
- MAMLTHRT90 = Number endangered mammal species in 1990
- BIRDSPEC89 = Number of known bird species in 1989
- BIRDTHRT89 = Number endangered bird species in 1989
- REPTSPEC89 = Number of known reptile species in 1989
- REPTTHRT89 = Number endangered reptile species in 1989
- AMPHSPEC89 = Number of known amphibian species in 1989
- AMPHTHRT89 = Number endangered amphibian species in 1989
- FFSHSPEC89 = Number of known fresh fish species in 1989
- FFSHTHRT89 = Number of endangered fresh fish species in 1989
- PLANTAXA91 = Number of known plant tax in 1991
- P_ENDMFL91 = Percentage of endemic flora in 1991
- PLANTHRT91 = Number of endangered plants in 1991
- PLTHR_1K91 = Number threatened plants/1K tax in 1991
- PLTHR_KM91 = Number threatened plants/km^2 in 1991
- PROD_SOL89 = Energy production/solid fuel in 1989
- PROD_LIQ89 = Energy production/liquid fuel in 1989
- PROD_GAS89 = Energy production/gaseous fuel in 1989
- PRDGEOWN89 = Energy production/geothermal/wind in 1989
- PRDHYDRO89 = Energy production/hydro in 1989
- PRDNUCLR89 = Energy production/nuclear in 1989
- PROD_TOT89 = Energy production/total in 1989
- CONS_TOT89 = Total energy consumption in 1989
- CONS_87_89 = Commercial energy consumption in 1989
- ENRG_IMP89 = Energy imports percentage of consumption in 1989
- TRFLCONS89 = Traditional fuels consumption in 1989
- P_TRFUEL89 = Traditional fuels percentage of total required in 1989
- ENRINTIN89 = Environmental intensity of industrial activities in 1989
- ENRINTAG89 = Environmental intensity of agricultural activities in 1989
- MUNWASTE89 = Annual generation of municipal waste, in km^2/capita in 1989
- MRNCATCH89 = Average annual urban marine catch, in thousands of metric tons in 1989
- AQCULTPR89 = Total aquaculture production in 1989
- FOODFISH88 = Average annual food supply from fish and fishery products kg/capita in 1988
- CO2_SOL89 = Industrial carbon dioxide emissions in solid fuels in 1989
- CO2_LIQ89 = Industrial carbon dioxide emissions in liquid fuels in 1989
- CO2_GAS89 = Industrial carbon dioxide emissions in gas fuels in 1989
- CO2GASFL89 = Industrial carbon dioxide emissions in gas flaring in 1989

- CO2CEMNT89 = Industrial carbon dioxide emissions in cement manufacturing in 1989
- CO2_TOT70 = Total industrial carbon dioxide emissions in 1970
- CO2_CAP89 = Industrial carbon dioxide emissions in metric tons/capita in 1989
- CO2DEFOR89 = Industrial carbon dioxide emissions - deforestation in 1989
- METHANE89 = Total methane emissions in 1989
- CFC89 = Total chlorofluorocarbon emissions in thousands of metric tons in 1989
- SO2_89 = Total sulphur dioxide emissions, in thousands of metric tons in 1989

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  - FID = Internal feature number
  - SHAPE = Feature geometry
  - CITY_NAME = The city name
  - GMI_ADMIN = The administrative unit code (three-letter country code, three-letter administrative code) for the administrative unit in which the city is located
  - ADMIN_NAME = The name of the administrative unit in which the city is located
  - FIPS_CNTRY = The FIPS code (two-letter) for the country in which the city is located
  - CNTRY_NAME = The name of the country in which the city is located
  - STATUS = The status of the city
  - POP_RANK = The rank of the population class for the city
  - POP_CLASS = The classification of the city based on its population
  - PORT_ID = The Port Identification Number for the city

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  - FID = Internal feature number
  - SHAPE = Feature geometry
  - FIPS_CNTRY = Country code
  - GMI_CNTRY = The three-letter country code combined with a three-letter code for a first-level administrative unit created by Global Mapping International
  - ISO_CNTRY = International Organization for Standardization country code
  - WB_CNTRY = World Bank country code
  - CNTRY_NAME = Country Name
  - EU = European Union
  - FAO = Food and Agriculture Organization
  - GA = UN General Assembly
  - GA_MEMB_YR = Un General Assembly (year)

- IAEA = International Atomic Energy Agency
- IBRD = International Bank for Reconstruction and Development
- IMF = International Monetary Fund
- OPEC = Organization of Petroleum Exporting Countries
- SC = UN Security Council
- UNESCO = UN Education, Scientific, and Cultural Organization
- WHO = World Health Organization
- WMO = World Meteorological Organization
- POP_CNTRY = Country's population
- SQKM = Area in square-kilometres
- SQMI = Area in square-miles
- GRWRATE = Growth rate
- URBPOP = Urban population
- MIG_RATE = Migration rate
- POP_15 = Percentage of population under the age of 15
- POP65_ = Percentage of the population 65 and over
- LIFEXPCT = Life expectancy
- CONTRCEP = Percentage of married women using contraception
- INFMORTRT = Infant mortality rate
- POPPDOC = Population per doctor
- HEAL_PCAP = Health dollars per capita
- SAFEWATER = Percentage of the population with safe water
- SANITATION = Percentage of the population with sanitation
- HUMANDEV = Human development index
- LITRATE = Literacy rate
- NEWSPRS_K = Newspaper circulation
- YRSSCHL = Years in school
- PRIMARY_SC = Primary school enrolment
- SECONDARY = Secondary school enrolment
- TERTIARY = Post-Secondary school enrolment
- STUDPTCH = Ratio of students to teachers
- ED_PCAP = Education dollars per capita
- ED_PSTUD = Education dollars per student
- INC_PCAP = Income per capita
- EXPORTM = Value of exports in 1992
- EXPTOUSA = Percentage of exports to the U.S. in 1992
- IMPORTM = Value of imports in 1992

- IMPMFUSA = Percentage of imports to the U.S. in 1992
- ENERGYUS = Energy use per capita
- PHONES_K = Telephones per 1,000 people
- RADIOS_K = Radios per 1,000 people
- TVS_K = Televisions per 1,000 people
- CINEMAVS = Average cinema visits per year
- CARS_K = Motor vehicles per 1,000 people
- HIWAY_KM = Kilometres of highways
- PROLAND = Percentage of protected land
- ARALAND = Percentage of arable land
- AGLABOR = Percentage of labour in agricultures
- WATERCAP = Water use per capita
- MIL_PCAP = Military spending per capita
- GNPGRWTH = GNP growth rate
- INFLTRATE = Inflation rate
- ORGANIZATN = Members who belong to the political world organization
- TOURISTS_K = Annual tourists
- POPGROW70 = Population growth in 1970
- INFMORT70 = Infant mortality rate in 1970
- LIFEXP70 = Life expectancy in 1970
- URBPOP70 = Percentage of urban in 1970
- NRGUSE70 = Energy used in 1970
- LITRACY70 = Literacy rate in 1970
- SECSCH70 = Secondary school enrolment 1970
- IMP75_M = Value of imports in 1975
- EXP75_M = Value of exports in 1975

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- FID = Internal feature number
- SHAPE = Feature geometry
- AREA = The lake or inland sea area in square miles using an equal area projection
- NAME = The lake or inland sea name
- SURF_ELEV = The surface elevation in feet of the lake or inland sea
- DEPTH = The approximate maximum depth in feet of the lake or inland sea

o \world\shp\minerals.shp

- - FID = Internal feature number
  - SHAPE = Feature geometry
  - NAME = Name of mineral
  - TYPE = Type of mineral
  - GROUP = Group of mineral
  - CONTENTS = Contents of mineral
  - FIPS_CNTRY = Country FIPS code (location)
  - SIZE = Size of mineral

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  - FID = Internal feature number
  - SHAPE = Feature geometry
  - WRLD30_ID = The unique identifier of the grid cell

- o \world**\s**hp**region.shp**

  - FID = Internal feature number
  - SHAPE = Feature geometry
  - REGION = The region name

- o \world**\s**hp**rivers.shp**

  - FID = Internal feature number
  - SHAPE = Feature geometry
  - NAME = The river name
  - SYSTEM = The name of the drainage system of which the river is a part

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  - FID = Internal feature number
  - SHAPE = Feature geometry
  - ECOREGION = The descriptive name for the ecoregion - Ecoregions are relatively large areas of land or water that share a large majority of their species, dynamics, and environmental conditions.
  - MHT_NAME = The major habitat for the area
  - BDI = The biological distinctiveness index - It is based on the species richness, endemism, rareness, etc.

- THREAT = The degree of threat to the ecoregion - Such threats are from logging, conversion to agriculture/urbanization etc.
- FINAL = The final assessment of the ecoregion as the estimated threat to the ecoregion over the next 20 years