

## CiMAG - Core Dataset Framework and Sources

Sector / Cluster	Information needed	Level of detail / Scale	Agency / Location / Lead / Owner	Source(s) / Data Acquisition	Format / Data standard
<b>Official macro level country datasets</b>	Population, health, infrastructure, geography, climate, geology, telecoms (including mobile penetration), administrative boundaries	National, district, province and lower (administrative areas)	Background information from UN, CIA, Economist Intelligence Unit, World Bank, ADB, IMF, UN Statistic Division, in-country resources incl. Central Bank, Line Ministries, National and local government websites	Web based, printed, CD-ROM, data.un.org	Standard data models adopted by relevant competent national authorities UNGIWG, GIST
	Political/Administrative boundaries (geographic)	1:250K	Government, OCHA, UNDP		P-Code, Name (also in vernacular?)
	Transportation network	1:250K	Government, OCHA		Ibid
	Transportation infrastructure	1:250K	Government, OCHA		Ibid
	Hydrology	1:250K	Government, OCHA		Ibid
	City maps	1:10K	Government, OCHA		Ibid
	Marine	1:250K	Government, OCHA		Ibid
	Terrain	1:250K	Government, OCHA		Ibid
	National map series	1:50K - 1:250K	Government, OCHA		Ibid
	Satellite imagery	Various	Government, UNOSAT, OCHA		Ibid
	Natural hazards	Various	Government, OCHA		Ibid
	Thematic	Various	Government, OCHA		Ibid
<b>Population Statistics</b>	Total population by admin level (Individuals)		Government, OCHA, UNDP		
	Total population by admin level		Government, OCHA, UNDP		
	(Number of Households)		Government, OCHA, UNDP		
	Age		Government, OCHA, UNDP		
	Sex		Government, OCHA, UNDP		
	Average family size by admin level		Government, OCHA, UNDP		
	Unique identifier		Government, OCHA, UNDP		
	Populated places (with attributes including: latitude/longitude, alternative names, population figures, classification)	1:100K – 1:250K	Government, OCHA, UNDP		Ibid
<b>Populated Places (see population statistics above)</b>	Unique identifier (P-Code)		Government, OCHA, UNDP		P-Code
	Names		Government, OCHA, UNDP		
	Size classification		Government, OCHA, UNDP		
	Population statistics		Government, OCHA, UNDP		
	Status if capital of administrative division		Government, OCHA, UNDP		
			Government, OCHA, UNDP		
<b>Humanitarian Information (disaggregated by admin level and populated place)</b>	Displaced		Government, OCHA		
	Non-displaced affected				
	Host family/resident community affected				
	Refugee				
<b>Security and political information</b>	Nature of government, presence, locations and nature of non-state actors		Government, HRW, Amnesty, International Crisis Group (ICG),	Web based, printed, CD-ROM	
<b>Donors and UN agencies</b>	List of in-country actors	Contact information, geo-referenced location	Donors, UN system, government	Web based, printed, CD-ROM	

<b>Existing databases</b>	Developmental assistance, IDPs and refugees, statistical		Government, UN system, Central Bank, DevInfo, data.un.org	Web based, printed, CD-ROM	
<b>Media</b>	Local mainstream media	Bias, issue coverage	Print, broadcast, web, mobile	Websites, curated Twitter accounts, RSS feeds, Facebook groups	No standard format
	Local alternative media	Bias, issue coverage	Print, broadcast, web, mobile	Websites, curated Twitter accounts, RSS feeds, Facebook groups	No standard format
	Local citizen journalism / Web based media (also vernacular content)	Bias, issue coverage	Print, broadcast, web, mobile	Websites, curated Twitter accounts, RSS feeds, Facebook groups	No standard format
	International media	Bias, issue coverage	Wire reports and news agencies (e.g. AFP, New York Times)	Websites, curated Twitter accounts, RSS feeds, Facebook groups	No standard format
	UN media		IRIN, ReliefWeb, PreventionWeb, OCHA	Websites, curated Twitter accounts, RSS feeds, Facebook groups	
	HADR aggregation sites		OneResponse, TrackerNews, CrisisCommons, ESRI, InRelief.org		
	Portals and wikis	Varies	Global Voices, CDAC		
	Photography		MSF, IFRC, ECHO, wire news services, Flickr, Google Picasa	Websites	
<b>Crisis Information Management platforms</b>	Platform features (pull and / or publish information), web based, mobile access, languages, visualisation(s), connected actors	Veracity of information, frequency of updates, data sources	Wikipedia, Crisiscommons, Ushahidi, InSTEDD, Sahana, OneResponse, Logistics Cluster	Websites, curated Twitter accounts, RSS feeds	
<b>Contact list</b>	Who, What, Where?	Individual, organisational and geo-referenced	UN OCHA, Cluster leads		
<b>Emergency Telecoms</b>	Situation report		Local telcos, OCHA + WFP (Cluster Leads), Ham radio, International Amateur Radio Union		
<b>Situation reports</b>	Overall situation updates		OCHA, Cluster leads, Ushahidi Situation Room, InSTEDD sitreps, Sahana groups	Web, RSS feeds, Blogs	
<b>Mapping, GIS</b>	Spatial data including KML imagery, general satellite imagery and overlays, infrastructure, roads etc	See GIS information above	Google Maps, UN Spider SPACE AID, UN DFS, CloudMade, UN Institute for Training and Research (UNITAR) Operational Satellite Applications Programme (UNOSAT), ReliefWeb, GeoCommons.com, European Commission Joint Research Centre, US National Geospatial Intelligence Agency, ArcGIS, DigiGlobe, Rapid Mapping Service, Global Disaster Alert and Coordination System (GDACS), ERDAS, OCHA, Telescience, USGS, in-country line ministries	Websites, offline databases, KML repositories	KML, standard data models adopted by relevant competent national authorities UNGIWG, GIST
	High resolution imagery	15cm	QuickBird, Worldview-1, Worldview-2, GeoEye, Ikonos, Google	Websites	Ibid

<b>Logistics</b>	Infrastructure information, P codes, ground conditions		UN Logistics Cluster, OCHA, Government information sources, Line ministries, UNDAC, EU ECHO, WFP (Cluster Lead)		LCAS ( <a href="http://www.logcluster.org/tools/lca/tools/lca/lca-guidelines">http://www.logcluster.org/tools/lca/tools/lca/lca-guidelines</a> ), IM formats ( <a href="http://www.logcluster.org/tools/toolskit/im-kit/im-guidelines-tools-and-templates">http://www.logcluster.org/tools/toolskit/im-kit/im-guidelines-tools-and-templates</a> ), Logistics Support System ( <a href="http://ochaonline.un.org/OCHAHome/AboutUs/Coordination/LogisticsSupport/LogisticsSupportSystem/tabid/6457/language/en-US/Default.aspx">http://ochaonline.un.org/OCHAHome/AboutUs/Coordination/LogisticsSupport/LogisticsSupportSystem/tabid/6457/language/en-US/Default.aspx</a> )
	Water and sanitation		UNICEF (Cluster Lead)		
	Roads (Classified by size)		OCHA, Logistics Cluster, Government		
	Railways		OCHA, Logistics Cluster, Government		
	Airports/helipads		OCHA, Logistics Cluster, Government		
	Seaports		OCHA, Logistics Cluster, Government		
<b>Hydrology</b>	Rivers		Government, UNDP, OCHA		
	Water bodies (including status and location of bunds, dams and reservoirs as well as lower riparian population data and geography)		Government, UNDP, OCHA		
<b>Health and medical care</b>	Geo-referenced locations of hospitals, clinics, medical personnel		WHO		
<b>Camp coordination and camp management</b>	Locations, population information, sex/age disaggregation		UNHCR, IOM		
	IDPs and missing persons registry	Information on missing or displaced persons	Google, UNHCR, OCHA	Google People Finder, HCR databases (?), OneResponse	PFIF ( <a href="http://zesty.ca/pfif/">http://zesty.ca/pfif/</a> )
<b>Early Recovery</b>	Livelihoods information		UNDP		
<b>Emergency Shelter</b>	Geo-referenced locations of camps, marked safe zones		IFRC, UNHCR		
<b>Weather</b>	Precipitation and monsoonal conditions, heat maps etc		Line ministry, WMO	Websites, RSS	