

Country Profile: Ukraine

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Country Resources

Topographic

Series	Publisher	Scale	Years	Sheets
Ukraine 1:100,000 Scale Topographic Maps	Kievskaja Voenno-Kartograficheskaja Fabrika	1:100,000	1990 - 2008	263
Ukraine 1:50,000 Scale Vector Data	State Scientific and Production Enterprise Kartographia	1:50,000	2011 - 2011	1974
Ukraine 1:200,000 Scale Topographic Maps	State Scientific and Production Enterprise Kartographia	1:200,000	1992 - 2020	139

Nautical

Series	Publisher	Scale	Years	Sheets
EVMaritime Vector Data: Ukraine - Not for Navigation	East View Geospatial	Varies	2023 - 2023	141
EVMaritime Vector Data: Ukraine (Collections) - Not for Navigation	East View Geospatial	Varies	2023 - 2023	11
Ukraine Nautical Charts (All Scales)	State Hydrographic Service of Ukraine	Varies	2017 - 2023	65

Geoscientific

Series	Publisher	Scale	Years	Sheets
Romania 1:500,000 Scale Geological Maps (12 Sheets)	Comitetul Geologic	1:500,000	1964 - 1964	1
Romania 1:1,000,000 Scale Geological Map (2 sheets)	Institut de Geologie Si Geofizica	1:1,000,000	1978 - 1978	1
Romania 1:1,000,000 Scale Metallogenic Map	Institut de Geologie Si Geofizica	1:1,000,000	1969 - 1969	1
Belarus 1:500,000 Scale Radiation Map (4 sheets)	Soviet Union Glavnoe upravlenie geodezii i kartografii	1:500,000	1991 - 1991	1
Ukraine 1:200,000 Scale Geological Maps Explanatory Notes	Ukrainian State Geological Research Institute	1:200,000	1966 - 2014	80
Ukraine 1:200,000 Scale Soil Maps	Ukrzemproekt	1:200,000	1960 - 1977	143

Thematic

Series	Publisher	Scale	Years	Sheets
The World 1:30,000,000 Scale Topographic Map Series 1145 (NGA)	DMA	1:30,000,000	-	2
Ukraine Cartographic Group (Maps)	UCG	Varies	2008 - 2024	92

Global Census Archive: GIS Census Data

East View Geospatial has an ongoing effort to add GIS census data to our Global Census Archive program. Please contact us for the status and availability of Ukraine census resources.

Global Resources

Topographic

Series	Publisher	Scale	Years	Sheets
Soviet Military City Plans	Voenno-topograficheskoe upravlenie General'nogo shtaba (Soviet Union)	Varies	1944 - 2003	3017

Soviet Military 1:100,000 Scale Topographic Maps	Voenno-topograficheskoe upravlenie General'nogo shtaba (Soviet Union)	1:100,000	1947 - 1999	24897
Soviet Military 1:200,000 Scale Topographic Maps	Voenno-topograficheskoe upravlenie General'nogo shtaba (Soviet Union)	1:200,000	1949 - 2009	17799
Soviet Military 1:500,000 Scale Topographic Maps	Voenno-topograficheskoe upravlenie General'nogo shtaba (Soviet Union)	1:500,000	1953 - 1998	3093

Nautical

Series	Publisher	Scale	Years	Sheets
NGA Nautical Charts POD Certified (All Scales)	National Geospatial-Intelligence Agency	Varies	1943 - 2013	4517

Aeronautical

Series	Publisher	Scale	Years	Sheets
Joint Operations Graphic (JOG) 1:250,000 - Aeronautical	Defence Mapping Agency	1:250,000	1958 - 2007	4204
Tactical Pilotage Chart (TPC) 1:500,000 Scale - Aeronautical	Defence Mapping Agency	1:500,000	1967 - 2006	598
Operational Navigation Chart (ONC) 1:1,000,000 Scale - Aeronautical	Defence Mapping Agency	1:1,000,000	1969 - 2001	243
Jet Navigation Chart (JNC) 1:2,000,000 Scale - Aeronautical	Defence Mapping Agency	1:2,000,000	1971 - 1999	117
Global Navigation and Planning Chart (GNC) 1:5,000,000 Scale - Aeronautical	Defence Mapping Agency	1:5,000,000	1981 - 1999	27

Geoscientific

Series	Publisher	Scale	Years	Sheets
Soviet Military 1:1,000,000 Scale Topographic Maps	Voenno-topograficheskoe upravlenie General'nogo shtaba (Soviet Union)	1:1,000,000	1948 - 1994	1089

Note: East View Geospatial is continuously sourcing new resources that may not yet be listed in Global Explorer. Please contact us if you have geodata needs beyond what is listed above and we will be happy to discuss available off-the-shelf and custom solutions.

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Historical Country Mapping Information

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Topographic

The mapping of Ukraine still follows patterns established when the country was one of the Republics of the Soviet Union, but as the second most powerful nation to emerge from the former USSR, Ukraine has continued to invest in mapping after the break-up of the Soviet Union, and some new products have been developed since independence in 1991 despite the economic crisis which continues to grip the privatizing Ukrainian economy. Topographic mapping follows the Soviet pattern with series conforming to the 1942 system, published on the Gauss conformal transverse cylindrical projection, Krassovsky ellipsoid.

Soviet military topographic mapping of Ukraine exists at the following scales: 1:1,000,000 (9 sheets, complete coverage, published 1969-1988); 1:500,000 (26 sheets, complete coverage, published 1977-1994); 1:200,000 (158 sheets, complete coverage, published 1971-1992); 1:100,000 (486 sheets, complete coverage, published 1953-1991); 1:50,000 (1,856 sheets, complete coverage, published 1969-1991) and city (1:10,000 to 1:25,000) topographic mapping of 11 major cities from Dnepropetrovsk to Zaporozhye (Zaporizhia) published between 1972 and 1991. These products are available in print, digital raster and digital vector GIS formats from **East View Geospatial**.

The Ukrainian national mapping agency is **The National Committee for Geodesy Mapping and Cadastre (Holovne Upravlinnja Heodezii Kartografii ta Kadastruv (HUHKK))**, which is responsible for all official topographic and cadastral mapping in the country and organizes surveying for the publication of official map series.

Divisions of **HUHKK** are responsible for different aspects of the official mapping enterprise. Most production is still based on 'map factories' established in the Soviet system, the most important of which is the **Ukraïnkogo Aerogodezichnogo Pidpriemstvo (UkrAGP)**, in Kyiv, first established in 1924. **UkrAGP** has captured 1:200,000 and 1:500,000 scale topographic coverage which is available as raster or vector data. New Ukrainian editions of 1:200,000 scale coverage have been compiled. Other local production also continues in the **State Cartographic Factory (Derzhavna Kartografichna Fabrika)** in Vinitsia. Other map production plants active in the past which may still be of local significance include **Ukrgeoinform** in Kharkhov, and **ZOREPAD** in Lviv.

Following independence most mapping effort has been devoted to land reform. In 1996 the **Science and Research Centre State Land Cadastre** was established as a new agency responsible to **HUHKK**, and funded through the EU TACIS programme to set-up an ARC/INFO-based land registration system using 1:200,000 scale digital data.

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Geological/Scientific

Earth science mapping of the Ukraine was carried out through the **Ukrainian Ministry of Geology**, often in conjunction with Soviet Federal agencies such as **Vserossiiskoi nauchno-issledovatel'skii geologicheskii Institut (VSEGEI)**, the All Union Geology Scientific Research Institute in St. Petersburg and some of their smaller scale mapping is still available. Russian geological mapping programs at 1:1,000,000 and 1:200,000 scales also covered the Ukraine. After independence geological mapping has been carried out by the **National Committee for Geology and Natural Resources (Heoprohnoz)**, and other divisions of the **Ministry of Geology (MGU)**, including 1:500,000 scale oblast-based structural mapping of pre-quaternary sediments and national 1:1 500,000 scale environmental geological coverage for six different themes, including distribution of radioactive isotopes in the soils of the country.

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Thematic

A very wide variety of smaller scale and educational mapping is published through the official map agency **NVP Kartografia**, which performs a similar role to the eponymous organization in Moscow. Publications include single-sheet coverage at a number of different scales, city plans, atlases and a large number of maps and atlases aimed at the school market. Wall maps are available at 1:1,000,000 scale for 11 different themes. 1:2,000,000 scale environmental and ecological maps are published and a useful series of 1:200,000 maps are released on administrative sheet lines for each of the 25 Ukrainian oblasts. 1:1,000,000 and 1:500 000 scale topographic coverage is also listed as available and some **Kartografia** maps are published in English language versions, notably town maps of Kyiv, and Kharkhov and an administrative map of the country. Some of the smaller scales of Ukrainian mapping also cover neighbouring Moldova.

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Atlas

Coping with the aftermath of the Chernobyl disaster has encouraged the publication of a number of specialist themes for the areas most affected by pollution from radioactive isotopes. This includes the English, Ukrainian and Russian language *Atlas of the Chernobyl exclusion zone*, published in 1996 by **Kartografia** and contains 10 different 1:200,000 scale thematic coverages. Ukrainian agencies have actively participated in international mapping projects relating to monitoring Chernobyl impacts and described in our European section.

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Tourist/Reference

An emerging commercial sector in Ukrainian mapping includes **Krym-Krok** which concentrates upon the publication of tourist maps and atlases of the Crimea, for walkers and motorists. **Mapa Ltd** in Kyiv publishes town maps of the capital, as well as a range of small-scale maps of the country and maps for motorists. Several of this expanding range are issued in English language versions. Overseas commercial maps for the tourist market are published by **IGN** and **Gizimap**.

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