

UKRAINE FACT SHEET

March 2024

IMPACT OF RUSSIAN AGGRESSION AGAINST UKRAINE SINCE FEBRUARY 24, 2022

- **War Crimes.** > 127k Russian aggression-related and war crimes registered since the start of the full-scale invasion¹; > 1,660 attacks on hospitals and medical workers, c. 3,428 damaged or destroyed educational institutions, and circa 1,000 kindergartens.² (*Prosecutor General's Office*)
- **Refugees and Displaced Persons.** 6.5m Ukrainian refugees officially reported globally³; c.3.7m remain internally displaced⁴; 14.6m or 40% of the population require some form of humanitarian help⁵ (*UN Refugee Agency, IOM*)
- **Deportations.** Number of deported Ukrainians to Russia officially registered is about 1.3 m³, unofficially, it varies from 2.8 to 4.7m⁶. 20k children have been illegally deported⁷. Over 1.5m children are said to be brought to Russia since 2014⁸ (*National Resistance Center, Regional Human Rights Center, Ministry of Reintegration*)
- **Forced Adoptions.** About 20,000 Ukrainian children were deported to be forced into adoption in Russia⁹, 400 adoptions with verified information and names¹⁰ (*Presidential Commissioners for Children's and Human Rights*)
- **Total Number of Attacks against over 60% of Civilian Targets¹¹.** > 8,000 ballistic and cruise missiles; > 4,000 drone attacks¹² (*Presidents Administration, Ukrainian Armed Forces*)
- **Civilian Casualties.** UN Human Rights Office (OHCHR) reports 30,010 civilian casualties since the invasion: 10,582 killed, incl. 587 children, and 19,875 injured¹³ – these are only verified cases from territories where data collection is possible, with the actual toll likely significantly higher
- **Cumulative Number of Air Raid Sirens Nationwide.** Over 35,533 sirens, adding up to the equivalent of 24 days-long of sirens in Western regions, >47 days in Kyiv, > 172 days in Donetsk region¹⁴ (*alerts.in.ua*)
- **Infrastructure Losses.** > 30% of infrastructure has been destroyed, with a replacement cost of circa US \$270bn¹⁵
- **Total Cost of Reconstruction and Recovery.** US \$452.8bn as of December 2023¹⁶ (*Ukraine's Government, EC, WB*)
- **Economic Losses.** -29.2% YoY fall in real GDP in 2022, recovering only c.5% YoY in 2023¹⁷; 27% of GDP budget deficit, excluding grants¹⁸; Black Sea port operations blocked; -35% YoY in merchandized exports in 2022, and further -16% YoY in 2023¹⁹; unemployment surged >2x YoY (to over 20%)²⁰; poverty coefficient – increased 5x to 24%²¹ (*NBU, Ministry of the Economy*)
- **Mined Area.** 30% of Ukrainian territory is mined (the equivalent of double Austria's size or 8x the size of Israel)²²; according to different estimates, 30²³-70²⁴, or even up to 757²⁵ years is estimated to be required to demine Ukraine completely (*State Emergency Service of Ukraine*)

MILITARY AID PROVIDED BY U.S. AND ALLIES TO UKRAINE HAS ENABLED SUCCESSFUL DEFENSE OF FREEDOM, TERRITORIAL INTEGRITY, AND FREEDOM FOR THE UKRAINIAN PEOPLE

- **Occupied Territory.** 7% of Ukraine was annexed/occupied pre-2022²⁶; 27% - at height in March 2022²⁷; ~18% - now²⁸ (*ISW, War Mapper, WB*)
- **Total Military Aid Committed and Disbursed Since Feb 24th:** Over \$100bn, including circa \$44bn from the U.S., and remainder primarily from Europe, UK and EU institutions²⁹ (*Kiel Institute, U.S. Department of State*)
- **Liberated Territory.** Over 54% of the territory occupied since Feb 24th has been liberated, representing c. 8m hectares³⁰ and 1,900 settlements³¹, including 30k hectares and over a dozen settlements since summer counter-offensive began³² (*ISW, Ukraine Armed Forces, Presidential Office*)

DIRECT FINANCIAL AID TO UKRAINE'S BUDGET FROM THE U.S. AND ALLIES KEEPS STATE OPERATING WHILE TAXES COLLECTED FUND PRIMARILY WAGES OF MILITARY AND SECURITY PERSONNEL

- **Total Support to Budget Since Feb 24th:** \$74.8n, incl. \$27.5bn from EU, \$22.9bn from the U.S., \$7.2bn from IMF, \$5.1bn from Japan, \$3.6bn from Canada, \$2.0bn from UK, \$2.0 from WB, \$4.5bn from Rest of World³⁹
- **Ukraine's 2022 Pre-War State Budget Expenditures:** \$53bn; military & security is 6% GDP and 19% of budget or c. \$10bn³³
- **Ukraine's 2022 Actual Expenditures:** \$83bn; military & security is 31% GDP and 59% of budget or c. \$49bn³⁴
- **Ukraine's 2023 Actual Expenditures:** >\$109bn³⁵; military & security is >35% of 2023E GDP and >60% of the state budget or c. \$73bn in 2023³⁶
- **Ukraine's 2024 Approved Budget:** \$85bn; military & security is 22% GDP and 55% of budget or c. \$46.5bn³⁷

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President: *Andy Hunder*

- **2022 Support to Budget by U.S. and Allies.** \$31bn, incl. c. \$12bn grants from the U.S., \$8bn from EU, \$2.7bn from IMF, \$1.9bn from Canada³⁸, € 1.7bn from EIB³⁹, \$5.5bn from Rest of World
- **2023 Support to Budget by U.S. and Allies.** \$42.5bn, incl. \$19.5bn from EU, c. \$11bn grants from the U.S., \$4.5bn from IMF, \$3.6bn from Japan, \$3.9bn from Rest of World⁴⁰
- **2023 Key Budget Sources.** 45% from collected taxes; 37% from non-tax income (revenues of budgetary institutions and income from property & business activities); 16% from foreign aid in the forms of grants⁴¹
- **2023 Key Budget Uses.** 67% military & security; 11.7% social outlays; 7.4% state support; 4.5% healthcare⁴²
- **Increasing Tax Income.** Increasing MoM (+27% YoY in UAH terms in 2023, in USD +12% YoY), covering 30% of total budget spending⁴³, including military wages (1/3 of budget spending⁴⁴), while foreign grants help support the running of the state
- **World Bank's PEACE in Ukraine Project.** Partners provided \$13bn to reimburse priority social and humanitarian, non-defense related, expenditures for 2023⁴⁵; >80% are US grants; Ministry of Finance presented analytical dashboard to increase transparency: for 1Q23, 62% of were spent for social outlays, 15% for healthcare, 15% for education, 5% for salaries to rescuers of the State Emergency Service⁴⁶ (*Ministry of Finance, NBU*)

CONTINUED SUPPORT OF UKRAINE IS INVESTMENT IN INTERNATIONAL WORLD ORDER, GLOBAL SECURITY, AND LARGEST REBUILD SINCE WORLD WAR II

- **Ukraine's Significance.** Largest European country by area (excl. RF), with a population of over 40m, incredibly rich in natural resources, home to 20 of the 'critical' raw materials, incl. lithium, cobalt, graphite, and zirconium⁴⁷, with estimates of the value of these deposits ranging from \$3tr to \$11.5tr⁴⁸. Ukraine's exports feed more than 400m people worldwide, given 55% of land's area is arable land⁴⁹ (*UN, WB*). Over 800m people living in neighboring consumer markets, powered by 20 FTAs with 47 countries, including the EU, making Ukraine a critical player in the global supply chain
- **Oil and Gas Deposits.** Produces crude oil, natural gas, and coal; 2nd in Europe for proven gas reserves, c. 1.1 trn m3 proven reserves⁵⁰. Total gas extraction volume reached 18.7 bn cubic meters⁵¹. Thus, in 2023, Ukraine reduced its gas purchases by as much as 81% YoY and is well-positioned to achieve self-sufficiency in 2024, also due to lower consumption. Ukraine still has control over most of its oil and gas reserves (90% and 80%). It is developing its gas reserves, achieving self-sufficiency for the first time since Ukraine's independence anticipated in 2024 with state oil and gas company (Nafrogas, Ukrnafta) already contributing almost 10% to total tax revenues and more than 4% to Ukraine's total budget revenues, paying over \$3.1bn taxes to the state in 2023 alone⁵²
- **Strategic Earth Minerals.** Among the top 10 countries by proven reserves of titanium - 7% of world production⁵³. Lithium reserves, a key component for rechargeable batteries, account for c. 1/3 of those proven in Europe⁵⁴ (*ERMA*)
- **Russian seizure of Ukraine's Key Deposits.** Russia has seized at least \$12.7tr worth of Ukraine's energy deposits⁵⁵. Moscow controls territory containing 63% of Ukraine's coal deposits, 11% of its oil, 20% of its natural gas, 42% of its metals, and 33% of its rare earths, including lithium. If it succeeds in annexing Ukrainian land seized during the full-scale invasion, Ukraine would permanently lose almost 2/3 of its deposits.
- **IT Powerhouse.** IT is the fastest-growing industry and largest category of services exports (41% in 2023), reaching \$7.3bn in 2022 vs. \$2bn in 2015, up 2.5x in the last 5 years and ~60x over last 20 years, incl. +6% in 2022⁵⁶ (*NBU*)
- **Immense Tech Talent Pool.** One of the highest levels of IT / Tech graduates per capita in Europe, ahead of UK, FR, IT, PL, RO and top-5 globally by the number of tech specialists - over 310k, +15% annually⁵⁷ (*UA IT Association*)
Ukrainian developers rank in the top 5-10 globally in multiple rankings (*SkillValue, Topcoder, HackerRank*). Home to largest number of unicorns in CEE (5), over 100 R&D centers of global businesses, top-3 in CEE by the Tech Ecosystem growth for the last 5 years, incl. 2022, >9x since 2017 (*Ukrainian IT Association*)
- **Major Digitalization Underway.** One of the most advanced countries in the world in terms of digitizing public services: 30 public services & 14 documents in smartphone (about 100 services on official website⁵⁸), used by almost 20m Ukrainians (>50%) in "Diia", a govt services superapp⁵⁹ (*MinDigital*)

ENSURING UKRAINE'S AGRICULTURAL EXPORTS CONTINUE AND SHIPPING ROUTES OPEN IS KEY TO GLOBAL FOOD SECURITY

- **Agricultural Powerhouse.** In 2021, Ukraine accounted for 10% of global grain trade, ranking as the 4th-largest exporter after the US, Argentina, and Russia. The EU – all 27 members combined – was ranked 5th⁶⁰
- **Record Breaking 2021.** Ukraine delivered a record-breaking \$28bn of agricultural exports in 2021. Exports included over 50% of global supply of sunflower meal and oil, c. 20% of global export of rapeseed and barley, 3rd among global exporters; 4th globally in the export of corn (c.12% of global export) and 5th in the export of wheat (9%)⁶¹

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- **Key Partner to International Relief Agencies.** World Food Program (WFP), the UN's humanitarian food-assistance, obtains 50% of its wheat from Ukraine, share increased to 80% as of July 2023⁶²
- **Feeds Disproportionate Share of World's Hungry.** Largest buyers of Ukrainian grain traditionally are Asian and African countries (50%), followed by Europe (c. 25%). Low-income countries, like Djibouti, Eritrea, Lebanon, Mauritania, or Tunisia are very much dependent on Ukrainian wheat – at least 40% of grain in each is from Ukraine⁶³
- **Ukraine Continue to Feed World since February 24th.** During 2022, \$23.7bn in agricultural exports, given the Grain Initiative and established alternative export routes⁶⁴ In 2023 marketing year, only 25% of Ukraine's harvest will be used for domestic needs, while the rest will be exported to countries at risk of famine⁶⁵
- **July 2022 – July 2023 UN-brokered Grain Deal.** >1 000 ships with almost 33m tons of grain and other foodstuffs left Ukraine from 3 Ukrainian ports (Chornomorsk, Odesa and Yuzhny/Pivdennyi) during this time. Over 65% of the wheat exported through the Black Sea Grain Initiative reached developing countries⁶⁶
- **Destroyed Port infrastructure.** Since mid-July 105 port infrastructure objects were damaged, including 10 elevators, 26 warehouses with vegetable oil and fuel, c.70 sqm of storage warehouses for grain cargoes⁶⁷, amounting to over \$0.6bn as of June 2023⁶⁸(KSE Institute); destroyed over 280 tons of Ukrainian grain held in ports⁶⁹; a civilian Liberian-flagged vessel was also struck in November 2023 in Ukrainian port, killing a pilot⁷⁰
- **Impact of Loss of Ukraine Agricultural Exports.** Loss of export revenues without seaborne grain exports at c. \$0.2bn-0.4bn monthly; monthly export to African, Asian and European countries cut by almost 3m tonnes⁷¹
- **Alternative Grain Corridor Opened.** The route was opened weeks after Russian termination of the Black Sea grain deal, in August 2023; nearly 28m tons of cargo has been exported since, grain accounted for about half of shipments, mostly to Africa and Asia; 854 new vessels arrived at Ukrainian ports to receive cargo;⁷² shipping continues to face major risks, such as Russian missile strikes and floating mines

Sources: *Dragon Capital, European Council, World Bank, public data sources.*

ACCURACY-FREE UKRAINE IS AT THE TOP OF UKRAINE'S AGENDA

- **Significant results obtained by Office of Protection of Investor Rights, led by Oleksiy Boniuk, under the Office of the Prosecutor General (PGO), spearheaded by Dmytro Verbytskyi, Deputy Prosecutor General.** Since May 2020, AmCham has cooperated with, and provided steadfast support to this Office to ensure that, during this period of reform, law-abiding taxpayers/investors committed to Ukraine may be assured of the country's commitment to fairness, transparency, a level playing field and protection of investor rights. To date, AmCham has brought forward 57 cases from its members (37 cases regarding pressure on business, 20 cases where business have suffered from criminal activity and seek justice). As of today, safeguarding of investors' rights has been established in 31 cases, with significant progress made that represents the maximum extent of support that may be provided, including cases that have been referred to relevant court or escalated to the appropriate agency, for 16 other cases underway, a total of 47 of 57 cases or 82% of cases referred by AmCham
- **Key institutions launched.** (i) National Agency on Corruption Prevention (NACP), Aug 2016, led by Oleksandr Novikov since 2020; (ii) National Anti-Corruption Bureau of Ukraine (NABU), formed 2014, launched Apr 2015, led by Semen Kryvonos since March 2023; (iii) Specialized Anti-Corruption Prosecutors Office (SAP), formed Sep 2015, launched c. Apr 2016, led by Oleksandr Klymenko since Jul 2022; (iv) High Anti-Corruption Court (**HACC**), launched Apr 2019, led by Vira Mykhailenko since Feb 2023; (v) Economic Security Bureau of Ukraine (**ESBU**), launched November 2021 and led by Andrii Paschuk, Acting Director since August 2023
- **Major Milestones Reached.** (i) fully formed, functioning independent anti-corruption infrastructure after 2022/23, leaders of agencies appointed; (ii) Ukraine removed from GRECO (Council of Europe Anti-Corruption Body) blacklist in March 2023; 1st time 1991 based on progress since 2017; (iii) approved the State Anti-Corruption Program for 2023-2025, with 1,700 measures in 15 directions and trackable KPIs; (iv) Ukraine ascended 12 places in the 2023 Transparency International's annual Corruption Perceptions Index, one of the best global results of 2023
- **Prevention Stats (NACP).** >1 million annual e-declarations of civil servants, Parliament renewed with obligation to make statements public within one year; President vetoed law, insisting on declarations made public immediately, except for select cases incl Armed Forces – voted through in September 2023
- **Investigation Stats (NABU) and Prosecution Stats (SAP).** 641 investigations opened in 2023⁷³ vs. 456 in 2022 and 633 in 2021⁷⁴ ⁷⁵; 129 accused officials in 2022, 233 in 2023⁷⁶ NABU and SAP saved the state c.\$128m in 2023⁷⁷ (\$92m in 2022⁷⁸, c.\$70m in 2021⁷⁹)
- **High-Anti Corruption Court Stats.** over 160 verdicts in 5 years (37 in 2022, 65 in 2023), >160 corruption sentences⁸⁰ (49 in 2022⁸¹); named most efficient anticor body in Ukraine by Transparency International⁸²

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- **Economic Security Bureau of Ukraine Stats (ESBU).** c.\$240m budget costs saved in 2023; 2,072 pre-trial investigations in criminal proceedings initiated (vs. 442 in 2022); suspicion announced to 507 people, a 10x increase vs. 2022; 342 cases sent to court (vs. 29 in 2022)⁸³
- **E-procurement Platform.** Prozorro launched in 2016, mandatory for most state-owned enterprises, government bodies, law enforcement agencies, territorial communities; tens of thousands of competitive purchases in 2023, totaling \$14bn, with 36k individuals/ entities taking part⁸⁴. Savings to the government est. at ~\$165mm in 2022⁸⁵ and 16% of Defense Ministry relevant budget alone in 1H23⁸⁶
- **Military & Other Aid Oversight.** Monitored through the defense attaché of the US in Kyiv and establishment of the Security Assistance Group-Ukraine. Ministry of Finance, with WB, Deloitte, PWC and BDO audit carries out review according to agreed procedures of eligibility of public government expenditures (under USAID SOREA Project)
- **High-Profile Cases.** In January 2024, a businessman and Lviv oblast governor arrested after an attempt to bribe the State Bureau of Investigation (DBR) and accused of funneling \$31.6m intended for completing Defense Ministry contracts; in November 2023, NABU and SAPO accused a head of the State Special Communications and Information Protection Service of Ukraine in embezzlement of over \$1.8m of state funds; in September 2023, criminal case was initiated against oligarch Ihor Kolomoisky – in a \$250m money-laundering case⁸⁷; in May 2023, NABU and SAPO exposed a \$2.7m bribery scheme involving the head of the Supreme Court, exposed corrupt actions by 26 heads of state-owned enterprises, held 7 judges accountable 1H23⁸⁸
- **Lifetime status for Politically Exposed Persons (PEPs).** Ukrainian parliament passed IMF-EU-required legislation on politically exposed persons that reinstated lifetime status for PEPs, removing former 3-year provision
- **Conscription Transparency.** President Zelenskyy dismissed all officials in charge of regional military recruitment centers in August 2023⁸⁹, resulting in 112 criminal proceedings on corruption charges⁹⁰

Sources: *Council of Europe, Presidential website, NACP, NABU, SAPO, HACC, Prozorro websites, public data sources.*

ABOUT THE AMERICAN CHAMBER OF COMMERCE IN UKRAINE:

The American Chamber of Commerce is Ukraine's leading international business association that has been serving 600+ members in Ukraine since 1992, delivering the shared voice of best-in-class US, international, and Ukrainian companies, who invested over \$50 billion in Ukraine and remain committed to the country.

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SOURCES

¹ Prosecutor General's Office <https://www.gp.gov.ua/>

² Report on damages and losses to infrastructure from the destruction caused by Russia's military aggression against Ukraine as of June 2023 https://kse.ua/wp-content/uploads/2023/09/June_Damages_ENG_-Report.pdf

³ UNHCR. Ukraine situation

https://data2.unhcr.org/en/situations/ukraine?_gl=1*1fjpej0*_rup_ga*MTM2NzAzMDcyOS4xNjk1NjUxNDYz*_rup_ga_EVDQTJ4LjE5NTY1MTQ2Mi4xLjEuMTY5NTY1MTUwMC4wLjAuMA..*_ga*MTM2NzAzMDcyOS4xNjk1NjUxNDYz*_ga_X2YZPj1XWR*MTY5NTY1MTQ2My4xLjEuMTY5NTY1MTUwMC4wLjAuMA..#_ga=2.5435763.1131579437.1695651463-1367030729.1695651463

⁴ IOM <https://dtm.iom.int/ukraine>

⁵ UNHR <https://www.miragenews.com/unsc-russias-conflict-dramatically-affects-1153982/>

⁶ 5 am Coalition. Analytical report https://zmina.ua/wp-content/uploads/sites/2/2023/01/deportation_eng.pdf

⁷ Children of war <http://www.childrenofwar.gov.ua/>

⁸ Regional Human Rights Center <https://espreso.tv/z-2014-roku-rosiya-deportovala-z-ukraini-ponad-15-mln-ditey-yuristka-rashevsk>

⁹ Children of war <http://www.childrenofwar.gov.ua/>

¹⁰ Regional Human Rights Center <https://www.radiosvoboda.org/a/novyny-pryazovya-deportatsiya-ukrayinskykh-ditey-prodovzhuyetsya-vyplaty-za-usynovlennya/32491844.html>

¹¹ President Volodymyr Zelenskyy's speech at "UA: Human Rights in Dark Times" International Conference in Kyiv <https://www.president.gov.ua/en/news/maye-buti-yedinij-pravovij-front-yakij-zdolaye-rosijsku-geno-79753>

¹² President following the negotiations in the Netherlands <https://www.president.gov.ua/en/news/mi-vikoristayemo-f-16-shob-trimati-rosijskih-terroristiv-yakn-84993>

¹³ UN OHCHR <https://ukraine.un.org/en/259792-protection-civilians-armed-conflict-%E2%80%94-january-2024>

¹⁴ <https://alerts.in.ua/>

¹⁵ Report on damages and losses to infrastructure https://kse.ua/wp-content/uploads/2023/09/June_Damages_ENG_-Report.pdf

¹⁶ <https://euneighbourseast.eu/news/publications/ukraine-third-rapid-damage-and-needs-assessment-rdna3-february-2022-december-2023/>

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- ¹⁷ Ministry of Economy <https://www.kmu.gov.ua/en/news/zbilshennia-eksportu-vidnovlennia-enerhetyky-ta-rozvytok-opk-iuliia-svrydenko-nazvala-kroky-iaki-spriyatymut-samozaradnosti-ekonomiky-ukrainy>
- ¹⁸ Dragon Capital https://dragon-capital.com/what-we-do/research/news_and_reports/2023-central-budget-deficit-provisionally-at-27-of-gdp/
- ¹⁹ Ukrstat <https://www.ukrstat.gov.ua/>
- ²⁰ NBU <https://bank.gov.ua/en/news/all/inflyatsiyniy-zvit-lipen-2023-roku>
- ²¹ World bank <https://thedocs.worldbank.org/en/doc/d5f32ef28464d01f195827b7e020a3e8-0500022021/related/mpo-ukr.pdf>
- ²² Ministry of Internal Affairs <https://mvs.gov.ua/uk/news/zastupnik-glavi-mvs-ukrayini-bogdan-drapatii-obgovoriv-z-delegacijeu-korolivstva-niderlandi-pitannia-rozminuvannia-ukrayini>
- ²³ Ministry of Defense <https://armyinform.com.ua/2023/04/11/ukrayina-planuye-zaluchyty-minimum-5-tysyach-saperiv-dlya-rozminuvannia-ukrayinskyh-terytorij-oleksij-reznikov/>
- ²⁴ Ministry of Economy <https://me.gov.ua/News/Detail?lang=uk-UA&id=4f930d66-96f5-44d6-a74f-be4d514b0fe9&title=UkrainiPotribenramshtain>
- ²⁵ Washington Post <https://www.washingtonpost.com/world/2023/07/22/ukraine-is-now-most-mined-country-it-will-take-decades-make-safe/>
- ²⁶ UN <https://ukraineun.org/en/ukraine-and-un/russian-aggression/>
- ²⁷ CNN <https://edition.cnn.com/interactive/2022/09/europe/russia-territory-control-ukraine-shift-dg/>
- ²⁸ NY times <https://www.nytimes.com/interactive/2023/09/28/world/europe/russia-ukraine-war-map-front-line.html>
- ²⁹ Kiel Institute <https://www.ifw-kiel.de/topics/war-against-ukraine/ukraine-support-tracker/>
- ³⁰ US Department of Defense <https://www.defense.gov/News/Transcripts/Transcript/Article/3530900/secretary-of-defense-lloyd-j-austin-iii-and-chairman-of-the-joint-chiefs-of-sta/>
- ³¹ President Zelenskiy <https://www.youtube.com/watch?v=KvOP6XsOx6o>
- ³² Ukraine Armed Forces <https://t.me/annamaliar/1079>
- ³³ Ministry of Finance of Ukraine <https://mof.gov.ua/storage/files/%D0%9F%D1%80%D0%B5%D0%B7%D0%B5%D0%BD%D1%82%D0%B0%D1%86%D1%96%D1%8F%20%D0%BF%D1%80%D0%BE%D0%B5%D0%BA%D1%82%20%D0%94%D0%B5%D1%80%D0%B6%D0%B1%D1%8E%D0%B4%D0%B6%D0%B5%D1%82%D1%83-2022.pdf>
- ³⁴ Ministry of Finance of Ukraine https://mof.gov.ua/en/budget_2022-538
- ³⁵ Ministry of Finance of Ukraine https://mof.gov.ua/uk/news/vikonannia_derzhavnogo_biudzhetu__2023-4381
- ³⁶ National Bank of Ukraine <https://bank.gov.ua/ua/statistic/macro-indicators#4>
- ³⁷ Ministry of Finance of Ukraine https://mof.gov.ua/uk/budget_of_2024-698
- ³⁸ Parliament of Ukraine https://www.rada.gov.ua/news/news_kom/239582.html
- ³⁹ EIB <https://www.eib.org/en/press/all/2022-537-eib-group-renews-its-commitment-to-ukraine-with-emergency-and-ongoing-support-and-a-new-donation-from-its-philanthropic-arm.htm>
- ⁴⁰ Ministry of Finance of Ukraine <https://mof.gov.ua/en/informacija-dlja-investoriv>
- ⁴¹ Ministry of Finance of Ukraine https://mof.gov.ua/en/budget_2023-582
- ⁴² Ministry of Finance of Ukraine https://mof.gov.ua/en/budget_2023-582
- ⁴³ National Bank of Ukraine <https://bank.gov.ua/ua/statistic/macro-indicators#4>
- ⁴⁴ Ministry of Finance of Ukraine https://mof.gov.ua/uk/news/minfin_vidatki_zagalnogo_fondu_derzhbiudzhetu_u_grudni_2023_roku_stanovili_4014_mlrd_grn-4392
- ⁴⁵ Cabinet of Ministers of Ukraine <https://www.kmu.gov.ua/en/news/u-2023-rotsi-minfin-ukrainy-zaluchyv-426-mlrd-dolariv-ssha-pilhovoho-ta-hrantovoho-finansuvannia-vid-mizhnarodnykh-partneriv>
- ⁴⁶ Ministry of Finance https://mof.gov.ua/en/news/usd_4_billion_financed_for_priority_expenditures_in_the_first_quarter_of_2023_under_the_world_banks_peace_in_ukraine_project-4161?fbclid=IwAR1EYBRTOPVLYqOZ_jvJbV9j06PJ2bJNT-NWX2zO794SXBZ49n3CpdDJqM
- ⁴⁷ European Commission https://neighbourhood-enlargement.ec.europa.eu/news/eu-ukraine-strategic-partnership-raw-materials-european-bank-reconstruction-and-development-will-2022-11-17_en
- ⁴⁸ Middle East Institute <https://www.mei.edu/publications/ukraines-critical-minerals-and-europes-energy-transition-motivation-russian-aggression>
- ⁴⁹ USDA <https://www.fas.usda.gov/sites/default/files/2022-04/Ukraine-Factsheet-April2022.pdf>
- ⁵⁰ IEA <https://www.iea.org/reports/ukraine-energy-profile/energy-security>
- ⁵¹ <https://ua-energy.org/uk/posts/vydobutok-hazu-v-ukraini-u-2023-rotsi-zbilshyvsia-maizhe-na-1>
- ⁵² <https://ua-energy.org/uk/posts/naftohaz-u-2023-rotsi-splatyv-902-mlrd-hrn-podatkov>
- ⁵³ <https://www.insidermonkey.com/blog/titanium-reserves-by-country-and-10-biggest-mines-in-the-world-1159446/>
- ⁵⁴ [wsws.org/en/articles/2023/06/10/53c5-j10.html](https://www.washingtonpost.com/world/2022/08/10/53c5-j10.html)
- ⁵⁵ <https://www.washingtonpost.com/world/2022/08/10/ukraine-russia-energy-mineral-wealth/>
- ⁵⁶ Ukrstat <https://www.ukrstat.gov.ua/>
- ⁵⁷ Ministry of Digital Transformation <https://itukraine.org.ua/files/ITIGUIT.pdf>
- ⁵⁸ Diia <https://guide.diia.gov.ua/>
- ⁵⁹ Ministry of Digital Transformation <https://thedigital.gov.ua/news/pershiy-v-istorii-samit-diia-in-dc-u-ssha-mikhaylo-fedorov-prezentuvav-dosyagnennya-tsifrovoi-transformatsii-ukraini>
- ⁶⁰ CEPR <https://cepr.org/voxeu/columns/restarting-ukraines-agricultural-exports>
- ⁶¹ USDA <https://www.fas.usda.gov/sites/default/files/2022-04/Ukraine-Factsheet-April2022.pdf>
- ⁶² OCHA <https://reliefweb.int/report/ukraine/one-year-black-sea-initiative-key-facts-and-figures#:~:text=As%20of%20July%202023%2C%20WFP,commercial%20exports%20have%20global%20benefits.>
- ⁶³ FAO <https://www.fao.org/3/cb9236en/cb9236en.pdf>
- ⁶⁴ Ukrstat <https://www.ukrstat.gov.ua/>

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- ⁶⁵ Cabinet of Ministers of Ukraine <https://www.kmu.gov.ua/en/news/denys-shmyhal-ukraina-i-dali-bude-harantom-hlobalnoi-prodovolchoi-bezpeky>
- ⁶⁶ UN <https://www.un.org/en/black-sea-grain-initiative/vessel-movements>
- ⁶⁷ Minister of Infrastructure <https://www.facebook.com/oleksandr.kubrakov/posts/pfbid0Q9JX44pJqw3xUfNn1ctifqtdcymTJQwWxEhhYpPSDrVTBmUtU7xgrh4TpnLofM3I>
- ⁶⁸ KSE https://kse.ua/wp-content/uploads/2023/09/June_Damages_ENG_-Report.pdf
- ⁶⁹ Ministry of Defense <https://armyinform.com.ua/2023/09/19/cherez-rosijski-ataky-na-ukrayinski-porty-bulo-znyshheno-280-tysyach-tonn-zerna-llojd-ostin/>
- ⁷⁰ Prosecutor General's Office of Ukraine <https://war.ukraine.ua/crimes/russia-hit-foreign-vessel-in-ukrainian-port/>
- ⁷¹ Minister of Infrastructure <https://www.facebook.com/oleksandr.kubrakov/posts/pfbid0Q9JX44pJqw3xUfNn1ctifqtdcymTJQwWxEhhYpPSDrVTBmUtU7xgrh4TpnLofM3I>
- ⁷² Minister of Infrastructure <https://open4business.com.ua/en/exports-through-ukrainian-sea-corridor-reached-20-mln-tons/>
- ⁷³ NABU <https://reports.nabu.gov.ua/archive/nabu-report-second-half-2022/investigations-1/>
- ⁷⁴ NABU https://nabu.gov.ua/site/assets/files/27968/zvit_nabu_pershe_pivrichchya_2021.pdf
- ⁷⁵ NABU https://nabu.gov.ua/site/assets/files/27956/zvit_nabu_ii_2021_sayt_0.pdf
- ⁷⁶ NABU <https://reports.nabu.gov.ua/investigations/>
- ⁷⁷ NABU https://nabu.gov.ua/site/assets/files/46738/zvit_maket_postorinkovo.pdf
- ⁷⁸ NABU https://nabu.gov.ua/site/assets/files/28001/maket_zvitu_dlya_saytu_0.pdf
- ⁷⁹ NABU https://nabu.gov.ua/site/assets/files/27956/zvit_nabu_ii_2021_sayt_0.pdf
- ⁸⁰ https://pda.pravda.com.ua/columns/id_7418480/
- ⁸¹ High Anti-Corruption Court of Ukraine <https://first.vaks.gov.ua/wp-content/uploads/sites/2/2023/02/Analiz-zdiysnennia-sudochynstva-VAKS-u-2022-rotsi.pdf>
- ⁸² Transparency International <https://ti-ukraine.org/en/research/capable-effective-and-independent-analysis-of-anti-corruption-agencies/>
- ⁸³ Economic Security Bureau of Ukraine <https://esbu.gov.ua/en/news/in-2023-thanks-to-the-work-of-the-economic-security-bureau-of-ukraine-88-billion-state-funds-were-saved>
- ⁸⁴ Prozorro <https://prozorro.gov.ua/uk/news/mayzhe-7-mlrd-grn-ekonomiyi-lyshe-na-zakupivlyah-minoborony-%E2%80%94-u-prozorro-pidbyly-pidsumky-roku>
- ⁸⁵ Prozorro <https://prozorro.gov.ua/news/z-24-lyutogo-v-ukrayini-provely-94-tysyachi-tenderiv-na-prozorro-na-120-mlrd-grn>
- ⁸⁶ Ministry of Economy <https://www.me.gov.ua/News/Detail?lang=uk-UA&id=55b6dd94-f5ec-46b2-adc1-43d6fd9cb05f&title=PidsumkiPublichnikhZakupivel>
- ⁸⁷ NABU <https://nabu.gov.ua/news/zavolod-nnia-9-2-mlrd-grn-privatbanku-p-do-zriu-t-sia-kolishn-i-benef-tc-arnii-vlasnik/>
- ⁸⁸ https://nabu.gov.ua/site/assets/files/46738/zvit_maket_postorinkovo.pdf
- ⁸⁹ Office of the President <https://www.president.gov.ua/documents/4912023-47805>
- ⁹⁰ State Bureau of Investigation <https://dbr.gov.ua/news/dbr-vzhe-rozslidue-ponad-110-kriminalnih-provadzhen-shhodo-zlovzhivan-voenkomiv>