
Appendix A3: Russia — Detailed Analysis

1. Overview

- FFI = 38.5 / 100 (Weak functional structures, with limited freedom and transparency)
- CSI = 68.5 / 100 (High level of “cancerous” structures, marked by information suppression and power concentration)
- CHS = -30.0 (Overall negative health score)
- EOI = 0.7 (Strong external projection through energy resources, military power, and state-controlled narratives)
- RUI = 47.9 (High reverse unification risk, mainly through hard power and propaganda)
- HCCI = -14.3 (Net negative contribution to global civilization)

Russia exhibits “hard external influence”, with a hybrid system of political centralization, energy leverage, and information manipulation, resulting in both internal

stagnation and global destabilizing effects.

2. System Scores and Explanations

2.1 Information-Neural System

FFI = 25 / 100

- Press Freedom (1/5): Ranked 164/180 in RSF Press Freedom Index.
- Media Plurality (2/5): Some independent outlets exist, but are heavily censored or labeled “foreign agents.”
- Government Data Transparency (1/5): Public data is limited and often politicized.
- Algorithm Transparency (0/5): State-run algorithms amplify pro-government narratives.
- Whistleblower Protection (1/5): Whistleblowers risk imprisonment or exile.
- Network Diversity (3/5): Internet access is partially

open but under increasing control.

- Independent Investigations (2/5): Independent journalists face harassment.
- Fact-Checking Mechanisms (2/5): Limited independent verification, often external NGOs.
- Citizen Information Access (2/5): Restricted by state filters and propaganda.
- Public Media Trust (1/5): Trust undermined by state-controlled narratives.

CSI = 85 / 100

- Keyword Blocking (5/5): Extensive censorship of political topics.
- Internet Firewalling (4/5): Partial blocking of Western platforms like Facebook, Twitter.
- Criminalization of Speech (5/5): Harsh penalties for anti-war or anti-government statements.
- Algorithmic Manipulation (5/5): State-driven content dominates media space.
- Foreign Information Blocking (4/5): Western news platforms are restricted or banned.

2.2 Resource Circulation System

$$\text{FFI} = 40 / 100$$

- Property Rights Protection (2/5): Property rights exist but are vulnerable to state seizure.
- Market Competition (2/5): State-owned companies dominate key industries (e.g., Gazprom).
- Fiscal Transparency (2/5): National budgets lack clarity and auditing.
- Education Access & Quality (4/5): Basic education remains strong but politicized.
- Healthcare Access (3/5): Public healthcare exists but underfunded.
- Entrepreneurial Environment (2/5): Corruption and bureaucracy hinder startups.
- Wealth Distribution (1/5): Oligarchs hold vast economic power.
- Infrastructure Access (3/5): Roads, public utilities are functional but under-maintained.
- Environmental Sustainability (2/5): Limited

environmental protection.

- Tax Fairness (2/5): Tax system favors oligarchs and political allies.

CSI = 70 / 100

- Resource Monopolies (5/5): Oil, gas, and telecom dominated by state-linked corporations.
 - Gray Economy (4/5): Corruption is endemic.
 - Oligarchic Control (5/5): Wealth concentrated among political allies.
 - Tax Corruption (3/5): Tax enforcement used as political weapon.
 - Black-Box Finance (3/5): Non-transparent budgeting and off-book funds.
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2.3 Digestive and Absorptive System

FFI = 35 / 100

- Cultural Openness (2/5): Western cultural imports restricted.

- International Academic Cooperation (3/5): Limited due to sanctions and state restrictions.
- Global Media Accessibility (1/5): Foreign media blocked or censored.
- Translation & Publishing Freedom (2/5): Heavily monitored content.
- Multicultural Tolerance (2/5): Rising nationalist sentiment.
- International Conferences (3/5): Restricted due to foreign policy tensions.
- Global Innovation Collaboration (3/5): Technology exchange limited by sanctions.
- Cultural Diversity Protection (3/5): Indigenous and regional cultures receive limited support.
- Knowledge Platforms (2/5): Platforms are under state control.
- World History Education (4/5): Education emphasizes Russian-centered narrative.

CSI = 65 / 100

- Book/Film/Platform Bans (5/5): Many Western media sources banned.

- Cultural Ideological Censorship (4/5): Media and art tightly controlled.
 - History Distortion (4/5): Schoolbooks rewritten to fit political narrative.
 - Cultural Nationalism (4/5): “ Russian superiority ” narratives dominate.
 - Anti-Foreign Ideology (3/5): Western values portrayed as hostile.
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2.4 Reproduction and Transmission System

FFI = 45 / 100

- Marriage Freedom (3/5): No recognition of same-sex marriage.
- Gender Equality (2/5): Gender pay gaps and employment discrimination persist.
- Child Protection (3/5): Some protective laws, but enforcement inconsistent.
- Sex Education (2/5): Limited programs, often avoided due to cultural taboos.

- Reproductive Freedom (3/5): Abortion is legal but stigmatized.
- Domestic Violence Laws (2/5): Weak enforcement of anti-domestic violence laws.
- Non-Traditional Family Recognition (1/5): LGBTQ+ families unrecognized.
- Public Childcare (3/5): Uneven access to quality childcare.
- Intergenerational Mobility (3/5): Lower than EU/US but not completely blocked.
- Youth Mental Health (3/5): Services limited, stigma remains.

CSI = 72 / 100

- State Control of Birth Policies (4/5): Pronatalist policies and cultural pressure.
- Family Pressure/Obedience (4/5): Patriarchal family norms dominate.
- Domestic Violence (4/5): Underreported and under-prosecuted.
- Marriage Resource Trading (3/5): Present in some rural regions.

- Systemic Gender Bias (4/5): Laws and workplace culture favor men.

2.5 Legal & Institutional Framework

FFI = 30 / 100

- Judicial Independence (1/5): Courts are heavily influenced by executive power.
- Legal Transparency (2/5): Basic laws are accessible, but major cases lack transparency.
- Separation of Powers (1/5): Legislative and judiciary are largely subordinate to the presidency.
- Equality Before Law (1/5): Political opposition faces selective prosecution.
- Constitution & Human Rights (2/5): Rights exist on paper but often ignored.
- Anti-Corruption Effectiveness (2/5): Campaigns are selective, targeting rivals rather than systemic issues.
- Lawyer Independence (2/5): Lawyers defending dissidents are harassed or jailed.

- NGO Legality (2/5): NGOs often labeled as “foreign agents.”
- Auditing & Oversight Independence (2/5): State-controlled auditing agencies.
- Referendum & Constitutional Reform (2/5): Constitutional changes (e.g., 2020 amendments) were top-down.

CSI = 80 / 100

- Executive Interference with Judiciary (5/5): The Kremlin dictates major judicial decisions.
- Selective Law Enforcement (5/5): Laws applied differently for opposition figures.
- Political Prisoners (4/5): Increasing cases of political persecution (e.g., Navalny).
- Lack of Fair Trials (4/5): Courts favor state narratives.
- Law as a Political Tool (5/5): Legal apparatus used for repression.

2.6 Human Values & Direction

FFI = 36 / 100

- Priority of Freedom & Dignity (2/5): Freedom of expression is limited.
- Happiness Index (3/5): Russia ranks 70th in the 2023 World Happiness Report.
- Minority Protection (2/5): LGBTQ+ rights face systemic suppression.
- Creativity Index (3/5): Strong cultural heritage but restricted by politics.
- Critical Thinking Education (2/5): Education emphasizes patriotism, not critical inquiry.
- Media Attention to Human Rights (2/5): Limited independent reporting.
- Charitable Activity (3/5): Charitable work exists but under tight regulation.
- Social Innovation Freedom (2/5): NGOs and startups face legal and financial barriers.
- Inclusion of Vulnerable Groups (3/5): Limited support for disabled and marginalized communities.
- Public Participation (2/5): Political participation outside state-sanctioned channels is suppressed.

CSI = 70 / 100

- Value Imposition (5/5): State ideology dominates public discourse.
 - Extreme Nationalism (4/5): Propaganda heavily promotes Russian exceptionalism.
 - Collectivism Over Individual Freedom (4/5): Citizens expected to conform to state narratives.
 - Suppression of Plurality (4/5): Opposition and minority voices silenced.
 - Instrumentalization of Values (3/5): Human rights discourse co-opted for state goals.
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2.7 Immune System

FFI = 35 / 100

- Crisis Response Transparency (2/5): COVID-19 data was underreported.
- Social Self-Correction (2/5): Whistleblowers and independent media face repression.

- Civil Society Resilience (3/5): Some NGOs operate underground or abroad.
- Global Cooperation (3/5): Selective cooperation (e.g., energy, military), but geopolitical tensions hinder collaboration.
- Science & Rational Discourse (3/5): Science respected in technical fields but politicized.
- Public Feedback Mechanisms (2/5): Limited channels for public grievances.
- Cross-Field Expert Input (3/5): Expert opinions often sidelined in policy-making.
- Platform for False Info Repair (2/5): Disinformation correction limited.
- Global Problem Awareness (3/5): Climate change and global issues under-discussed.
- NGO Role in Immune Response (3/5): Severely constrained by legal restrictions.

CSI = 72 / 100

- NGO/Media Suppression (5/5): Critical NGOs shut down (e.g., Memorial).
- External Structural Penetration (4/5): Propaganda and

cyber operations exported abroad.

- Civilization Hostility (4/5): “ West vs. Russia ” narrative entrenched.

- Refusal of External Oversight (4/5): Rejects Western human rights monitoring.

- Crisis Information Blackout (5/5): War-related information heavily censored.

3. Data Summary

- FFI = 38.5 / 100 (Weak positive structures)
- CSI = 68.5 / 100 (High cancerous elements)
- CHS = -30.0 (Net negative structural health)
- EOI = 0.7 (Significant global influence through energy and military projection)

- RUI = 47.9 (High externalization risk)
- HCCI = -14.3 (Net negative contributor to global civilization)

4. Data Sources & Evidence

International Index Mapping:

- RSF Press Freedom Index: Russia ranked 164/180 in 2023.
- Transparency International CPI: Scored 28/100 in 2023 (high corruption).
- V-Dem Democracy Index: Classified as “electoral autocracy.”
- World Happiness Report: Russia ranked 70th, indicating low subjective well-being.
- World Bank Governance Indicators: Weak scores in rule of law, voice, and accountability.

Real-World Evidence:

- Information Control: RT and state TV dominate narratives; blocking of Western media and social platforms.
- Military Projection: War in Ukraine shows structural focus on coercion.
- Civil Society Repression: NGOs like Memorial were banned.
- Oligarchic Economy: Economic power is concentrated

among a few political elites.

- Value Instrumentalization: Religion and nationalism intertwined with state power.