Statistical bulletin «Turkic Economic Outlook» contains main macroeconomic indicators in January-December 2022. This publication is a joint special publication of the Center for Analysis of Economic Reforms and Communication (CAERC) and the Secretariat of the Organization of Turkic States (OTS).

All countries are listed in alphabetical order. The statistical bulletin covers member and observer states of the Organization of Turkic States.

This Statistical Bulletin is a publication of the Center for Analysis of Economic Reforms and Communication of the Republic of Azerbaijan (CAERC). All enquiries, comments and suggestions should be addressed to: info@ereforms.gov.az
## SECTION A

### THE ORGANIZATION OF TURKIC STATES’ MEMBERS AND OBSERVERS: OVERVIEW

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Comparison of GDP Growth for the Members and Observers of the Organization of Turkic States ................................................................. 8

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### THE ORGANIZATION OF TURKIC STATES’ MEMBERS AND OBSERVERS: MAIN MACROECONOMIC INDICATORS

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<tr>
<td>Kyrgyzstan</td>
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<td>Türkiye</td>
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<td>Uzbekistan</td>
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<td>Hungary</td>
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Turkic Economic Outlook: January - December 2022
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### GREEN ECONOMY AND DIGITALIZATION INDICATORS

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<td>Azerbaijan</td>
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<td>Türkiye</td>
<td>21</td>
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<tr>
<td>Uzbekistan</td>
<td>22</td>
</tr>
<tr>
<td>Hungary</td>
<td>23</td>
</tr>
</tbody>
</table>
SECTION A: OVERVIEW

THE ORGANIZATION OF TURKIC STATES’ MEMBERS AND OBSERVERS

Turkic Economic Outlook: January - December 2022
GENERAL OVERVIEW OF THE ORGANIZATION OF TURKIC STATES’ MEMBERS AND OBSERVERS

AREA (thousand km²)
4 823.5

POPULATION (2022) (milion people)
173.8

GDP (2021) (billion USD)
1 383

TRADE TURNOVER (2021) (billion USD)
855.7
COMPARISON OF GDP GROWTH FOR THE MEMBERS AND OBSERVERS OF THE ORGANIZATION OF TURKIC STATES (January-December 2022)

Azerbaijan: 4.6%
Kazakhstan: 3.2%
Kyrgyzstan: 7%
Türkiye: 5.6%
Uzbekistan: 5.7%
Hungary: 4.6%
Turkmenistan: 6.2%
TRNC**: 4%

*Statistical indicators related to Turkmenistan are compiled only in the general section.
**2021
SECTION B: MAIN MACROECONOMIC INDICATORS
for the January-December, 2022
AZERBAIJAN: MAIN MACROECONOMIC INDICATORS (January-December 2022)

Exchange rate: 1 USD = 1.70205 AZN

ECONOMIC GROWTH

GDP* (78 626.2 mln $) ↑ 4.6%
INDUSTRIAL PRODUCTION* (50 528.9 mln $) ↓ 1.1%
AGRICULTURAL PRODUCTS* (6 453.5 mln $) ↑ 3.4%

FOREIGN TRADE

EXPORTS (41 672.2 mln $) ↑ 74.1%
IMPORTS (14 539.9 mln $) ↑ 24.2%
TRADE BALANCE +27 132.3 mln $

FINANCE

INVESTMENTS DIRECTED TO FIXED CAPITAL* (10 735.5 mln $) ↑ 5.5%
BANK ASSETS* (27 646 mln $) ↑ 22.3%

STATE BUDGET

INCOME OF STATE BUDGET* (18 013.9 mln $) ↑ 16.2%
EXPENDITURE OF STATE BUDGET* (18 805.7 mln $) ↑ 16.7%

The figures in percent show a change in the January-December of 2022 compared to the same period last year.
The figures in dollar terms cover the actual figures for the January-December of 2022.
* Calculated on the basis of the conversion of the national currency to the US dollar at the exchange rate as of the last day of the 4th quarter of the relevant years.
KAZAKHSTAN: MAIN MACROECONOMIC INDICATORS (January-December 2022)

Exchange rate: 1 USD = 462.872 KZT

**ECONOMIC GROWTH**

- **GDP*** (219 332.8 mln $) ↑ 3.2%
- **INDUSTRIAL PRODUCTION*** (103 716.6 mln $) ↑ 1.1%
- **AGRICULTURAL PRODUCTS*** (19 999.9 mln $) ↑ 9.1%

**FOREIGN TRADE**

- **EXPORTS** (84 394 mln $) ↑ 39.9%
- **IMPORTS** (50 043.6 mln $) ↑ 20.8%
- **TRADE BALANCE** +34 350.4 mln $

**FINANCE**

- **INVESTMENTS DIRECTED TO FIXED CAPITAL*** (32 545.5 mln $) ↑ 7.9%
- **BANK ASSETS*** (96 271.9 mln $) ↑ 18.4%

**STATE BUDGET**

- **INCOME OF STATE BUDGET*** (43 744.5 mln $) ↑ 27.8%
- **EXPENDITURE OF STATE BUDGET*** (46 519.4 mln $) ↑ 19.9%

*Calculated on the basis of the conversion of the national currency to the US dollar at the exchange rate as of the last day of the 4th quarter of the relevant years.
KYRGYZSTAN:
MAIN MACROECONOMIC INDICATORS (January-December 2022)

Exchange rate: 1 USD = 85.68 KGS

<table>
<thead>
<tr>
<th><strong>ECONOMIC GROWTH</strong></th>
<th><strong>FOREIGN TRADE</strong></th>
<th><strong>FINANCE</strong></th>
<th><strong>STATE BUDGET</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>GDP* (10 731 mln $)</td>
<td><strong>Exports</strong> (2186.7 mln $)</td>
<td><strong>INVESTMENTS DIRECTED TO FIXED CAPITAL</strong> (1 614.5 mln $)</td>
<td><strong>Income of State Budget</strong> (3 508.7 mln $)</td>
</tr>
<tr>
<td>↑ 7%</td>
<td>↓ 20.5%</td>
<td>↑ 3%</td>
<td>↑ 43.2%</td>
</tr>
<tr>
<td>INDUSTRIAL PRODUCTION* (5 312.2 mln $)</td>
<td><strong>Imports</strong> (9629.1 mln $)</td>
<td><strong>Bank Assets</strong> (5 628.5 mln $)</td>
<td><strong>Expenditure of State Budget</strong> (3 630.2 mln $)</td>
</tr>
<tr>
<td>↑ 11.4%</td>
<td>↑ 72.6%</td>
<td>↑ 33.5%</td>
<td>↑ 46.9%</td>
</tr>
<tr>
<td>AGRICULTURAL PRODUCTS* (4 423.4 mln $)</td>
<td><strong>Trade Balance</strong> -7442.4 mln $</td>
<td></td>
<td></td>
</tr>
<tr>
<td>↑ 7.3%</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

The figures in percent show a change in the January-December of 2022 compared to the same period last year.
The figures in dollar terms cover the actual figures for the January-December of 2022.
* Calculated on the basis of the conversion of the national currency to the US dollar at the exchange rate as of the last day of the 4th quarter of the relevant years.
<table>
<thead>
<tr>
<th>Indicator</th>
<th>Value</th>
<th>Percentage Change</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ECONOMIC GROWTH</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GDP*</td>
<td>(905 501 mln $)</td>
<td>↑ 5.6%</td>
</tr>
<tr>
<td>INDUSTRIAL PRODUCTION*</td>
<td>(217 342 mln $)</td>
<td>↑ 3.3%</td>
</tr>
<tr>
<td>AGRICULTURAL PRODUCTS*</td>
<td>(51 876 mln $)</td>
<td>↑ 0.6%</td>
</tr>
<tr>
<td><strong>FOREIGN TRADE</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EXPORTS</td>
<td>(254 172 mln $)</td>
<td>↑ 12.9%</td>
</tr>
<tr>
<td>IMPORTS</td>
<td>(363 711 mln $)</td>
<td>↑ 34%</td>
</tr>
<tr>
<td>TRADE BALANCE</td>
<td>-109 539 mln $</td>
<td></td>
</tr>
<tr>
<td><strong>FINANCE</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>INVESTMENTS DIRECTED TO FIXED CAPITAL*</td>
<td>(237 779.6 mln $)</td>
<td>↑ 2.8%</td>
</tr>
<tr>
<td>BANK ASSETS*</td>
<td>(782 481 mln $)</td>
<td>↑ 13.5%</td>
</tr>
<tr>
<td><strong>STATE BUDGET</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>INCOME OF STATE BUDGET*</td>
<td>(147 122.2 mln $)</td>
<td>↑ 100.6%</td>
</tr>
<tr>
<td>EXPENDITURE OF STATE BUDGET*</td>
<td>(154 462.9 mln $)</td>
<td>↑ 83.1%</td>
</tr>
</tbody>
</table>

The figures in percent show a change in the January-December period of 2022 compared to the same period last year. The figures in dollar terms cover the actual figures for the January-December period of 2022.

* Calculated on the basis of the conversion of the national currency to the US dollar at the exchange rate as of the last day of the 4th quarter of the relevant years.
### ECONOMIC GROWTH

<table>
<thead>
<tr>
<th>Indicator</th>
<th>Value</th>
<th>Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>GDP* (79 018.5 mln $)</td>
<td></td>
<td>↑ 5.7%</td>
</tr>
<tr>
<td>INDUSTRIAL PRODUCTION* (19 631.8 mln $)</td>
<td></td>
<td>↑ 5.2%</td>
</tr>
<tr>
<td>AGRICULTURAL PRODUCTS* (18 542 mln $)</td>
<td></td>
<td>↑ 3.6%</td>
</tr>
</tbody>
</table>

### FOREIGN TRADE

<table>
<thead>
<tr>
<th>Trade</th>
<th>Value</th>
<th>Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>EXPORTS (19 309.1 mln $)</td>
<td></td>
<td>↑ 15.9%</td>
</tr>
<tr>
<td>IMPORTS (30 699.3 mln $)</td>
<td></td>
<td>↑ 20.4%</td>
</tr>
<tr>
<td>TRADE BALANCE</td>
<td>-11 390.2 mln $</td>
<td></td>
</tr>
</tbody>
</table>

### FINANCE

<table>
<thead>
<tr>
<th>Indicator</th>
<th>Value</th>
<th>Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>INVESTMENTS DIRECTED TO FIXED CAPITAL* (24 004 mln $)</td>
<td></td>
<td>↑ 0.9%</td>
</tr>
<tr>
<td>BANK ASSETS* (49 522.9 mln $)</td>
<td></td>
<td>↑ 25.1%</td>
</tr>
</tbody>
</table>

### STATE BUDGET

<table>
<thead>
<tr>
<th>Indicator</th>
<th>Value</th>
<th>Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>INCOME OF STATE BUDGET* (17 790.1 mln $)</td>
<td></td>
<td>↑ 35.9%</td>
</tr>
<tr>
<td>EXPENDITURE OF STATE BUDGET* (19 107.6 mln $)</td>
<td></td>
<td>↑ 29.5%</td>
</tr>
</tbody>
</table>

The figures in percent show a change in the January-December of 2022 compared to the same period last year. The figures in dollar terms cover the actual figures for the January-December of 2022.

* Calculated on the basis of the conversion of the national currency to the US dollar at the exchange rate as of the last day of the 4th quarter of the relevant years.
* The state budget was obtained from the openbudget.uz website.
The figures in percent show a change in the January-December of 2022 compared to the same period last year. The figures in dollar terms cover the actual figures for the January-December of 2022. * Calculated on the basis of the conversion of the national currency to the US dollar at the exchange rate as of the last day of the 4th quarter of the relevant years.
**NORTHERN CYPRUS: MAIN MACROECONOMIC INDICATORS** (January-December 2021)

Exchange rate: 1 USD = 18.6887 TRY

### ECONOMIC GROWTH

<table>
<thead>
<tr>
<th>Indicator</th>
<th>Amount</th>
<th>Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>GDP*</td>
<td>$(1,610.6 mln)</td>
<td>4%</td>
</tr>
<tr>
<td>INDUSTRIAL PRODUCTION*</td>
<td>$(121.7 mln)</td>
<td>16.8%</td>
</tr>
<tr>
<td>AGRICULTURAL PRODUCTS*</td>
<td>$(135.1 mln)</td>
<td>-1.5%</td>
</tr>
</tbody>
</table>

### FOREIGN TRADE

<table>
<thead>
<tr>
<th>Trading</th>
<th>Amount</th>
<th>Change</th>
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</thead>
<tbody>
<tr>
<td>EXPORTS</td>
<td>$(106.8 mln)</td>
<td>5.6%</td>
</tr>
<tr>
<td>IMPORTS</td>
<td>$(1,251 mln)</td>
<td>2.5%</td>
</tr>
<tr>
<td>TRADE BALANCE</td>
<td>-$(1,144 mln)</td>
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</table>

### FINANCE

<table>
<thead>
<tr>
<th>Component</th>
<th>Amount</th>
<th>Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>LOCAL INVESTMENT*</td>
<td>$(35.9 mln)</td>
<td>93.2%</td>
</tr>
<tr>
<td>BANK ASSETS*</td>
<td>$(1,565.3 mln)</td>
<td>75.3%</td>
</tr>
</tbody>
</table>

### STATE BUDGET

<table>
<thead>
<tr>
<th>Component</th>
<th>Amount</th>
<th>Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>INCOME OF STATE BUDGET*</td>
<td>$(504.7 mln)</td>
<td>15.7%</td>
</tr>
<tr>
<td>EXPENDITURE OF STATE BUDGET*</td>
<td>$(555.7 mln)</td>
<td>19.4%</td>
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</table>

The figures in percent show a change in the January-December of 2021 compared to the same period last year. The figures in dollar terms cover the actual figures for the January-December of 2021.

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SECTION C:
GREEN ECONOMY AND DIGITALIZATION INDICATORS
AZERBAIJAN: GREEN ECONOMY AND DIGITALIZATION INDICATORS

Exchange rate: 1 USD = 1.70205 AZN

GREEN ECONOMY

CO₂ EMISSION(2021) (CARBON FOOTPRINTS) (37.1 mln. tonnes)

* 0.10%

*World total

TELECOMMUNICATIONS INFRASTRUCTURE INDEX (TII)

SCORE 0.68

RANK 83

ONLINE SERVICE INDEX (OSI)

SCORE 0.61

HUMAN CAPITAL INDEX (HCI)

SCORE 0.79

OPEN GOVERNMENT DATA INDEX (OGDI)

SCORE 0.59

REVENUE IN E-COMMERCE MARKET**

2.123 bln. $

INTERNET

INTERNET PENETRATION (8.32 mln. user)

81.1%

** In the e-commerce market, revenue reflects estimated value. The e-commerce market comprises the sale of physical goods via a digital channel to a private end consumer (B2C).
KAZAKHSTAN: GREEN ECONOMY AND DIGITALIZATION INDICATORS

E-GOVERNMENT DEVELOPMENT INDEX (EGDI 2022)

- **Rank**: 28
- **Score**: 0.86

**Telecommunications Infrastructure Index (TII)**
- Score: 0.75

**Online Service Index (OSI)**
- Score: 0.93

**Human Capital Index (HCI)**
- Score: 0.90

**INTERNET**

- **Internet Penetration**
  - (16.41 mln. user)
  - 85.9%

**Revenue in E-Commerce Market**
- 3.45 bln. ABŞ $

**Green Economy**

- **CO₂ Emission (2021)**
  - (211.2 mlyn. ton)
  - *0.56%* (World total)

**Valuta məzənnəsi**: 1 ABŞ dolları = 462.872 KZT

**INTERNET PENETRATION**

INTERNET PENETRATION (16.41 mln. user)

85.9%

**OPEN GOVERNMENT DATA INDEX (OGDI)**
- **Score**: 0.86

**E-GOVERNMENT DEVELOPMENT INDEX (EGDI 2022)**

- **Rank**: 28
- **Score**: 0.86

**Telecommunications Infrastructure Index (TII)**
- Score: 0.75

**Online Service Index (OSI)**
- Score: 0.93

**Human Capital Index (HCI)**
- Score: 0.90

**INTERNET**

- **Internet Penetration**
  - (16.41 mln. user)
  - 85.9%

**Revenue in E-Commerce Market**
- 3.45 bln. ABŞ $

**Green Economy**

- **CO₂ Emission (2021)**
  - (211.2 mlyn. ton)
  - *0.56%* (World total)

**Valuta məzənnəsi**: 1 ABŞ dolları = 462.872 KZT
**KYRGYZSTAN: GREEN ECONOMY AND DIGITALIZATION INDICATORS**

**Exchange rate:** 1 USD = 85.68 KGS

**E-GOVERNMENT DEVELOPMENT INDEX (EGDI 2022)**

- **RANK:** 81
- **SCORE:** 0.70

**Green Economy**

- **CO₂ EMISSION (2021)** (carbon footprints) (10.8 mln. tonnes)
  - **0.03%**
  - *World total*

**Internet**

- **Internet penetration** (3.41 mln. user)
  - **51.1%**

**Open Government Data Index (OGDI)**

- **Score:** 0.59

**Revenue in e-commerce market**

- **Score:** 0.66
- **Score:** 0.62
- **Score:** 0.81

**Turkic Economic Outlook: January - December 2022**
TÜRKİYE: GREEN ECONOMY AND DIGITALIZATION INDICATORS

Exchange rate: 1 USD = 18.6887 TRY

GREEN ECONOMY

CO₂

CO₂ EMISSION(2021) (CARBON FOOTPRINTS) (449.7 mln. tonnes)

*1.19% *World total

INTERNET

INTERNET PENETRATION (69.95 mln. user) 82%

CO₂ EMISSION(2021) (CARBON FOOTPRINTS) (449.7 mln. tonnes)

*1.19% *World total

E-GOVERNMENT DEVELOPMENT INDEX (EGDI 2022)

RANK
48

SCORE
0.80

TELECOMMUNICATIONS INFRASTRUCTURE INDEX (TII)
0.66

ONLINE SERVICE INDEX (OSI)
0.86

HUMAN CAPITAL INDEX (HCI)
0.87

OPEN GOVERNMENT DATA INDEX (OGDI)

SCORE
0.93

REVENUE IN E-COMMERCE MARKET**

22.98 bln. $

** In the e-commerce market, revenue reflects estimated value. The e-commerce market comprises the sale of physical goods via a digital channel to a private end consumer (B2C).
UZBEKISTAN: GREEN ECONOMY AND DIGITALIZATION INDICATORS

Exchange rate: 1 USD = 11 242.2 UZS

E-GOVERNMENT DEVELOPMENT INDEX (EGDI 2022)

<table>
<thead>
<tr>
<th>Index</th>
<th>Rank</th>
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<tbody>
<tr>
<td>TELECOMMUNICATIONS INFRASTRUCTURE INDEX</td>
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<tr>
<td>ONLINE SERVICE INDEX</td>
<td></td>
<td>0.74</td>
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<tr>
<td>HUMAN CAPITAL INDEX</td>
<td></td>
<td>0.78</td>
</tr>
</tbody>
</table>

GREEN ECONOMY

CO2 EMISSION (2021) (CARBON FOOTPRINTS) (125.7 mln. ton)

*0.33%

*World total

INTERNET

INTERNET PENETRATION (20.05 mln. user)

70.4%

CO2 EMISSION (2021) (CARBON FOOTPRINTS) (125.7 mln. ton)

*0.33%

*World total

E-GOVERNMENT DEVELOPMENT INDEX (EGDI 2022)

1.57 bln. $

REVENUE IN E-COMMERCE MARKET**

OPEN GOVERNMENT DATA INDEX (OGDI)

0.81

SCORE

IN THE E-COMMERCE MARKET, REVENUE REFLECTS ESTIMATED VALUE. THE E-COMMERCE MARKET COMPRIS ES THE SALE OF PHYSICAL GOODS VIA A DIGITAL CHANNEL TO A PRIVATE END CONSUMER (B2C).

Turkic Economic Outlook: January - December 2022
**HUNGARY: GREEN ECONOMY AND DIGITALIZATION INDICATORS**

<table>
<thead>
<tr>
<th>Indicator</th>
<th>Score</th>
<th>Rank</th>
<th>Description</th>
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<tbody>
<tr>
<td>Telecommunications Infrastructure Index (TII)</td>
<td>0.77</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Online Service Index (OSI)</td>
<td>0.75</td>
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</tr>
<tr>
<td>Human Capital Index (HCI)</td>
<td>0.83</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**E-Government Development Index (EGDI 2022)**

- Rank: 51
- Score: 0.78

**Open Government Data Index (OGDI)**

- Score: 0.62

**Revenue in E-Commerce Market**

- Value: 2.75 bln. $

**Internet**

- Internet Penetration (8.56 mln. user): 89%

**Notes:**
- In the e-commerce market, revenue reflects estimated value. The e-commerce market comprises the sale of physical goods via a digital channel to a private end consumer (B2C).

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*CO₂ *0.13%* (World total)

**CO₂ Emission (2021) (Carbon Footprints) (50.7 mln. ton)**

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Turkic Economic Outlook: January - December 2022


REFERENCES


REFERENCES


