## Afghanistan

| **Theme** | **No** | **Indicator Name** | **Computation Methodology** | **Actual Data Points Based on Source** | **Data Source** | **Data sourcing strategy** |
| --- | --- | --- | --- | --- | --- | --- |
| Demographic indicators |  | Total area | No computation done | Land area | World Development Indicators | API available |
|  | Total population | No computation done | Population, total |
|  | Annual growth rate of population | Population for current year minus population from previous year over previous year’s population |  |
|  | Urban Area | No available data as of date | |
|  | Urban population | No computation done | Urban population |
|  | Annual growth rate of urban population | Urban population for current year minus population from previous year over previous year’s urban population |  |
|  | Gross population density | Population, total / Land Area |  |
|  | Population density in urban areas | No available data as of date | |
|  | Population within ages 0-14 | Population ages 0-14 /Population, total |  |
|  | Population within ages 15-64 | Population ages 15-64 / Population, total |  |
|  | Population within ages 65 and above | Population ages 65 and above / Population, total |  |
|  | Female ratio | Population, female / (Population, male \* 1,000) |  |
| Socio-economic indicators |  | Gross domestic product (GDP) | GDP (current US$) / 1,000,000 |  | World Development Indicators | API available |
|  | GDP per capita | GDP (current US$) / Population, total |  |
|  | Gross national income (GNI) | GNI (current US$) / 1,000,000 |  |
|  | GNI per capita | GNI (current US$)/ Population, total |  |
|  | Labour force participation rate- male | No computation done | Labor force participation rate, male |
|  | Labour force participation rate- female | No computation done | Labor force participation rate, female |
|  | Percent of population in formal employment | Labor Force: Employed / Total labor force |  |
|  | Unemployment rate | Unemployment, total / Population, total |  |
|  | Annual household income per capita | No available data as of date | |  |  |
|  | GINI coefficient | No available data as of date | |
|  | Population below national poverty line | No computation done | Proportion of population living below the national poverty line | ADB Basic Statistics | Manual uploading  (until API has been developed) |
| Water Supply |  | Percent of population connected to improved drinking water source - national | No computation done | Drinking water facility type: Non-piped improved; Residence type: Total | WHO – UNICEF Joint Monitoring Programme | Manual uploading, API to be requested from WHO-UNICEF JOINT MONITORING PROGRAMME |
|  | Percent of population connected to improved drinking water source - urban | No computation done | Drinking water facility type: Non-piped improved; Residence type: Urban |
|  | Percent of population connected to improved piped drinking water source - national | No computation done | Drinking water facility type: Piped improved; Residence type: Total |
|  | Percent of population connected to improved piped drinking water source – urban | No computation done | Drinking water facility type: Piped improved; Residence type: Urban |
|  | Daily water production | Water Production / 365 |  | IB-Net | API available |
|  | Daily water consumption |  | Total water consumption (liters/person/day) |
|  | Per capital daily household level water use |  | Residential consumption (liters/person/day) |
|  | Non-revenue water | No available data as of date | |  |  |
|  | Water tariff for household metered connections | No available data as of date | |
|  | Water tariff or household non-metered connections | No available data as of date | |
|  | Water tariff or non-household connections | No available data as of date | |
|  | Percent of population with safely managed drinking water - national | No computation done | Population using safely managed drinking water - national | WHO – UNICEF Joint Monitoring Programme | Manual uploading, API to be requested from WHO-UNICEF Joint Monitoring Programme |
|  | Percent of population with safely managed drinking water - urban | No computation done | Population using safely managed drinking water - urban |
| Sanitation |  | Percent of population connected to sewer network - national | No computation done | Sanitation facility type: Sewer; Residence type: Total | WHO – UNICEF Joint Monitoring Programme | Manual uploading,  API to be requested from WHO-UNICEF Joint Monitoring Programme |
|  | Percent of population connected to sewer network - urban | No computation done | Sanitation facility type: Sewer; Residence type: Urban |
|  | Percent of population connected to septic tank - national | No computation done | Sanitation facility type: Septic; Residence type: Total |
|  | Percent of population connected to septic tank - urban | No computation done | Sanitation facility type: Septic; Residence type: Urban |
|  | Percent of population connected to improved latrine and others - national | No computation done | Sanitation facility type: Improved latrine and other; Residence type: Total |
|  | Percent of population connected to improved latrine and others - urban | No computation done | Sanitation facility type: Improved latrine and other; Residence type: Urban |
|  | Percent of population for which wastewater is treated through sewage treatment facility - national | No available data as of date | |
|  | Percent of population for which wastewater is treated through sewage treatment facility - urban | No available data as of date | |
|  | Percent of population for which wastewater is treated through faecal sludge management - national | No available data as of date | |
|  | Percent of population for which wastewater is treated through faecal sludge management - urban | No available data as of date | |
|  | Percent of population for which wastewater is treated through insitu disposal - national | No available data as of date | |
|  | Percent of population for which wastewater is treated through insitu disposal – urban | No available data as of date | |
|  | Percent of population with safely managed sanitation - national | No available data as of date | |
|  | Percent of population with safely managed sanitation - urban | No available data as of date | |
| Solid Waste Management |  | Waste generation per capita | Total municipal solid waste generated (converted to kg) / total population / 365 |  | World Bank, What A Waste Global Database | Manual uploading  (until API has been developed) |
|  |  | Environmental stress | Total waste generation (converted to tonnes) / total area |  |
|  |  | Percent of organic waste | No available data as of date | |  |  |
|  |  | Percent of plastic waste | No available data as of date | |
|  |  | Percent of waste going to landfill | No available data as of date | |
|  |  | Total waste generation | Total municipal solid waste generated converted to thousand tonnes / year |  | World Bank, What A Waste Global Database | Manual uploading  (until API has been developed) |
|  |  | Waste collection coverage | No available data as of date | |  |  |
| Transport |  | Total length of roads | No computation done | Road length, total | ADB Asian Transport Outlook | Manual uploading  (until API has been developed) |
|  | Passenger volume by road transport | No computation done | Passenger transport demand: road transport | ADB Key Indicators | API available |
|  | Total length of railways | No computation done | Heavy railways – Route KM | ADB Asian Transport Outlook | Manual uploading  (until API has been developed) |
|  | Passenger volume by railways | No computation done | Passenger transport demand: railway transport |
|  | Total length of mass rapid transit (MRT) network | No available data as of date | |  |  |
|  | Passenger volume by MRT | No available data as of date | |
|  | Percent of four-wheelers registered | Vehicle registration (LDV) /  Total vehicle registration |  | ADB Asian Transport Outlook | Manual uploading  (until API has been developed) |
|  | Percent of buses registered | Vehicle registration (Bus) /  Total vehicle registration |  |
|  | Annual passenger volume per capita | No available data as of date | |  |  |
|  | Total length of bus rapid transit (BRT) network | No available data as of date | |
|  | Rapid transit to resident ratio for BRT network | No available data as of date | |
|  | Total length of light railway transit (LRT) network | No available data as of date | |
|  | Rapid transit to resident ratio for LRT network | No available data as of date | |
|  | Total length of metro network | No available data as of date | |
|  | Rapid transit to resident ratio for metro network | No available data as of date | |
| Energy |  | Electricity production | No computation done | Electricity production | ADB Key Indicators | API available |
|  | Electricity consumption | No computation done | Electricity consumption |
|  | Proportion of population with access to electricity- national | No computation done | Access to electricity (% of population) | World Development Indicators | API available |
|  | Proportion of population with access to electricity - urban | No computation done | Access to electricity, urban (% of urban population) |
|  | Time required to get electricity connection | No computation done | Time required to get electricity (days) |
|  | Output of renewable energy | No computation done | Renewable electricity output (% of total electricity output) |
|  | Renewable energy consumption | No computation done | Renewable energy consumption (% of total final energy consumption) |
|  | Tariff for per unit electricity consumption for household use | No available data as of date | |  |  |
|  | Tariff for per unit electricity consumption for non-household use | No available data as of date | |
| Information and Communication Technology |  | Commercial service exports of computers, communications, and other services | No computation done | Computer, communications and other services (% of commercial service exports) | World Development Indicators | API available |
|  | Commercial service imports of computers, communications, and other services | No computation done | Computer, communications and other services (% of commercial service imports) |
|  | Fixed broadband subscriptions | No computation done | Fixed broadband subscriptions |
|  | Export of information and communication technology goods | No computation done | ICT goods exports (% of total goods exports) |
|  | Import of information and communication technology goods | No computation done | ICT goods imports (% total goods imports) |
|  | Information and communication technology service exports | No computation done | ICT service exports (BoP, current US$) |
|  | Individuals using the internet | No computation done | Individuals using the Internet (% of population) |
|  | Secure internet servers | No computation done | Secure Internet servers |
|  | Investment in ICT with private participation | No computation done | Investment in ICT with private participation (current US$) |
|  | Public private partnerships investment in ICT | No available data as of date | |
|  | Mobile cellular subscriptions | No computation done | Mobile cellular subscriptions |

## Armenia

| **Theme** | **No** | **Indicator Name** | **Computation Methodology** | **Actual Data Points Based on Source** | **Data Source** | **Data sourcing strategy** |
| --- | --- | --- | --- | --- | --- | --- |
| Demographic indicators |  | Total area | No computation done | Land area | World Development Indicators | API available |
|  | Total population | No computation done | Population, total |
|  | Annual growth rate of population | Population for current year minus population from previous year over previous year’s population |  |
|  | Urban Area | No computation done | Urban land area |
|  | Urban population | No computation done | Urban population |
|  | Annual growth rate of urban population | Urban population for current year minus population from previous year over previous year’s urban population |  |
|  | Gross population density | Population, total / Land Area |  |
|  | Population density in urban areas | Urban population/ Urban Area |  |
|  | Population within ages 0-14 | Population ages 0-14 /Population, total |  |
|  | Population within ages 15-64 | Population ages 15-64 / Population, total |  |
|  | Population within ages 65 and above | Population ages 65 and above / Population, total |  |
|  | Female ratio | Population, female / (Population, male \* 1,000) |  |
| Socio-economic indicators |  | Gross domestic product (GDP) | GDP (current US$) / 1,000,000 |  | World Development Indicators | API available |
|  | GDP per capita | GDP (current US$) / Population, total |  |
|  | Gross national income (GNI) | GNI (current US$) / 1,000,000 |  |
|  | GNI per capita | GNI (current US$)/ Population, total |  |
|  | Labour force participation rate- male | No computation done | Labor force participation rate, male |
|  | Labour force participation rate- female | No computation done | Labor force participation rate, female |
|  | Percent of population in formal employment | Labor Force: Employed / Total labor force |  |
|  | Unemployment rate | Unemployment, total / Population, total |  |
|  | Annual household income per capita | No computation done | Household income per capita | CEIC Data | API available |
|  | GINI coefficient | No computation done | GINI index (World Bank estimate) | World Development Indicators | API available |
|  | Population below national poverty line | No computation done | Proportion of population living below the national poverty line | ADB Basic Statistics | Manual uploading  (until API has been developed) |
| Water Supply |  | Percent of population connected to improved drinking water source - national | No computation done | Drinking water facility type: Non-piped improved; Residence type: Total | WHO – UNICEF Joint Monitoring Programme | Manual uploading, API to be requested from WHO-UNICEF Joint Monitoring Programme |
|  | Percent of population connected to improved drinking water source - urban | No computation done | Drinking water facility type: Non-piped improved; Residence type: Urban |
|  | Percent of population connected to improved piped drinking water source - national | No computation done | Drinking water facility type: Piped improved; Residence type: Total |
|  | Percent of population connected to improved piped drinking water source – urban | No computation done | Drinking water facility type: Piped improved; Residence type: Urban |
|  | Daily water production | (Public water supply, total \* 1,000) / 365 |  | Statistical Committee of the Republic of Armenia | Manual uploading |
|  | Daily water consumption | (Household consumers connected to public water supply \*1,000) / 365 |  |
|  | Per capital daily household level water use | (Household water user per capita in m3 \* 1,000) / 365 |  |
|  | Non-revenue water | Water losses / Public water supply, total |  |
|  | Water tariff for household metered connections | No available data as of date | |  |  |
|  | Water tariff or household non-metered connections | No available data as of date | |
|  | Water tariff for non-household connections | No available data as of date | |
|  | Percent of population with safely managed drinking water - national | No computation done | Population using safely managed drinking water - national | WHO – UNICEF Joint Monitoring Programme | Manual uploading, API to be requested from WHO-UNICEF Joint Monitoring Programme |
|  | Percent of population with safely managed drinking water - urban | No available data as of date | |  |  |
| Sanitation |  | Percent of population connected to sewer network - national | No computation done | Sanitation facility type: Sewer; Residence type: Total | WHO – UNICEF Joint Monitoring Programme | Manual uploading, API to be requested from WHO-UNICEF Joint Monitoring Programme |
|  | Percent of population connected to sewer network - urban | No computation done | Sanitation facility type: Sewer; Residence type: Urban |
|  | Percent of population connected to septic tank - national | No computation done | Sanitation facility type: Septic; Residence type: Total |
|  | Percent of population connected to septic tank - urban | No computation done | Sanitation facility type: Septic; Residence type: Urban |
|  | Percent of population connected to improved latrine and others - national | No computation done | Sanitation facility type: Improved latrine and other; Residence type: Total |
|  | Percent of population connected to improved latrine and others - urban | No computation done | Sanitation facility type: Improved latrine and other; Residence type: Urban |
|  | Percent of population for which wastewater is treated through sewage treatment facility - national | No computation done | Treatment of Wastewater: At wastewater treatment plant; Setting: national |
|  | Percent of population for which wastewater is treated through sewage treatment facility - urban | No computation done | Treatment of Wastewater: At wastewater treatment plant; Setting: urban |
|  | Percent of population for which wastewater is treated through faecal sludge management - national | No computation done | Treatment of Wastewater: At faecal sludge treatment plant; Setting: national |
|  | Percent of population for which wastewater is treated through faecal sludge management - urban | No computation done | Treatment of Wastewater: At faecal sludge treatment plant; Setting: urban |
|  | Percent of population for which wastewater is treated through insitu disposal - national | No computation done | Population using improved sanitation facilities (excluding shared): Disposed of in situ, National |
|  | Percent of population for which wastewater is treated through insitu disposal – urban | No computation done | Population using improved sanitation facilities (excluding shared): Disposed of in situ, Urban |
|  | Percent of population with safely managed sanitation - national | No computation done | Population using safely managed sanitation - national |
|  | Percent of population with safely managed sanitation - urban | No available data as of date | |  |  |
| Solid Waste Management |  | Waste generation per capita | No computation done | Waste generation per capita | Statistical Committee of the Republic of Armenia | Manual Uploading |
|  | Environmental stress | No computation done | Environmental stress |
|  | Percent of organic waste | No computation done | Composition: Food organic waste | World Bank, What A Waste Global Database | Manual uploading  (until API has been developed) |
|  | Percent of plastic waste | No computation done | Composition: Plastic |
|  | Percent of waste going to landfill | No available data as of date | |  |  |
|  | Total waste generation |  | Waste generation, total, thousand tonn | Statistical Committee of the Republic of Armenia | Manual Uploading |
|  | Waste collection coverage - national | No available data as of date | |  |  |
| Transport |  | Total length of roads | No computation done | Road length, total | ADB Asian Transport Outlook | Manual uploading  (until API has been developed) |
|  | Passenger volume by road transport | No computation done | Passenger transport demand: road transport |
|  | Total length of railways | No computation done | Heavy railways – Route KM |
|  | Passenger volume by railways | No computation done | Passenger transport demand: railway transport |
|  | Total length of mass rapid transit (MRT) network | No computation done | Length of all rapid transit | Institute for Transportation & Development Rapid Transit Database | Manual uploading |
|  | Passenger volume by MRT | No available data as of date | |  |  |
|  | Percent of four-wheelers registered | No available data as of date | |
|  | Percent of buses registered | No available data as of date | |
|  | Annual passenger volume per capita | Computed as the total of passenger road, railway and metro transport demand divided by total population |  | ADB Asian Transport Outlook | Manual uploading  (until API has been developed) |
|  | Total length of bus rapid transit (BRT) network | No available data as of date | |  |  |
|  | Rapid transit to resident ratio for BRT network | No available data as of date | |
|  | Total length of light railway transit (LRT) network | No available data as of date | |
|  | Rapid transit to resident ratio for LRT network | No available data as of date | |
|  | Total length of metro network | No computation done | Length of metro | Institute for Transportation & Development Rapid Transit Database | Manual uploading |
|  | Rapid transit to resident ratio for metro network | No computation done | Rapid transit to resident ratio for metro |
| Energy |  | Electricity production | No computation done | Electricity production | ADB Key Indicators | API available |
|  | Electricity consumption | No computation done | Electricity consumption |
|  | Proportion of population with access to electricity- national | No computation done | Access to electricity (% of population) | World Development Indicators | API available |
|  | Proportion of population with access to electricity - urban | No computation done | Access to electricity, urban (% of urban population) |
|  | Time required to get electricity connection | No computation done | Time required to get electricity (days) |
|  | Output of renewable energy | No computation done | Renewable electricity output (% of total electricity output) |
|  | Renewable energy consumption | No computation done | Renewable energy consumption (% of total final energy consumption) |
|  | Tariff for per unit electricity consumption for household use | No available data as of date | |  |  |
|  | Tariff for per unit electricity consumption for non-household use | No available data as of date | |
| Information and Communication Technology |  | Commercial service exports of computers, communications, and other services | No computation done | Computer, communications and other services (% of commercial service exports) | World Development Indicators | API available |
|  | Commercial service imports of computers, communications, and other services | No computation done | Computer, communications and other services (% of commercial service imports) |
|  | Fixed broadband subscriptions | No computation done | Fixed broadband subscriptions |
|  | Export of information and communication technology goods | No computation done | ICT goods exports (% of total goods exports) |
|  | Import of information and communication technology goods | No computation done | ICT goods imports (% total goods imports) |
|  | Information and communication technology service exports | No computation done | ICT service exports (BoP, current US$) |
|  | Individuals using the internet | No computation done | Individuals using the Internet (% of population) |
|  | Secure internet servers | No computation done | Secure Internet servers |
|  | Investment in ICT with private participation | No computation done | Investment in ICT with private participation (current US$) |
|  | Public private partnerships investment in ICT | No computation done | Public private partnerships investment in ICT (current US$) |
|  | Mobile cellular subscriptions | No computation done | Mobile cellular subscriptions |

## Azerbaijan

| **Theme** | **No** | **Indicator Name** | **Computation Methodology** | **Actual Data Points Based on Source** | **Data Source** | **Data sourcing strategy** |
| --- | --- | --- | --- | --- | --- | --- |
| Demographic indicators |  | Total area | No computation done | Land area | World Development  Indicators | API available |
|  | Total population | No computation done | Population, total |
|  | Annual growth rate of population | Population for current year minus population from previous year over previous year’s population |  |
|  | Urban Area | No available data as of date | |
|  | Urban population | No computation done | Urban population |
|  | Annual growth rate of urban population | Urban population for current year minus population from previous year over previous year’s urban population |  |
|  | Gross population density | Population, total / Land Area |  |
|  | Population density in urban areas | No available data as of date | |
|  | Population within ages 0-14 | Population ages 0-14 /Population, total |  |
|  | Population within ages 15-64 | Population ages 15-64 / Population, total |  |
|  | Population within ages 65 and above | Population ages 65 and above / Population, total |  |
|  | Female ratio | Population, female / (Population, male \* 1,000) |  |
| Socio-economic indicators |  | Gross domestic product (GDP) | GDP (current US$) / 1,000,000 |  | World Development Indicators | API available |
|  | GDP per capita | GDP (current US$) / Population, total |  |
|  | Gross national income (GNI) | GNI (current US$) / 1,000,000 |  |
|  | GNI per capita | GNI (current US$)/ Population, total |  |
|  | Labour force participation rate- male | No computation done | Labor force participation rate, male |
|  | Labour force participation rate- female | No computation done | Labor force participation rate, female |
|  | Percent of population in formal employment | Labor Force: Employed / Total labor force |  |
|  | Unemployment rate | Unemployment, total / Population, total |  |
|  | Annual household income per capita | No computation done | Household income per capita | CEIC Data | API available |
|  | GINI coefficient | No computation done | GINI index (World Bank estimate) | World Development Indicators | API available |
|  | Population below national poverty line | No computation done | Proportion of population living below the national poverty line | ADB Basic Statistics | Manual uploading  (until API has been developed) |
| Water Supply |  | Percent of population connected to improved drinking water source - national | No computation done | Drinking water facility type: Non-piped improved; Residence type: Total | WHO – UNICEF Joint Monitoring Programme | API available |
|  | Percent of population connected to improved drinking water source - urban | No computation done | Drinking water facility type: Non-piped improved; Residence type: Urban |
|  | Percent of population connected to improved piped drinking water source - national | No computation done | Drinking water facility type: Piped improved; Residence type: Total |
|  | Percent of population connected to improved piped drinking water source – urban | No computation done | Drinking water facility type: Piped improved; Residence type: Urban |
|  | Daily water production | (Water abstraction from natural water resources – total \* 1,000) / 365 |  | The State Statistical Committee of the Republic of Azerbaijan | Manual uploading |
|  | Daily water consumption | (Water consumption \* 1,000) / 365 |  |
|  | Per capital daily household level water use | (Water consumption of which are domestic and drinking purposes (in liters) / population / 365 |  |
|  | Non-revenue water | Water losses during transportation / Water abstraction from natural water resources – total |  |
|  | Water tariff for household metered connections | No available data as of date | |  |  |
|  | Water tariff for household non-metered connections | No available data as of date | |
|  | Water tariff for non-household connections | No available data as of date | |
|  | Percent of population with safely managed drinking water - national | No computation done | Population using safely managed drinking water - national | WHO – UNICEF Joint Monitoring Programme | Manual uploading, API to be requested |
|  | Percent of population with safely managed drinking water - urban | No computation done | Population using safely managed drinking water - urban |  |  |
| Sanitation |  | Percent of population connected to sewer network - national | No computation done | Sanitation facility type: Sewer; Residence type: Total | WHO – UNICEF Joint Monitoring Programme | Manual uploading,  API to be requested from UNICEF Joint Monitoring Programme |
|  | Percent of population connected to sewer network - urban | No computation done | Sanitation facility type: Sewer; Residence type: Urban |
|  | Percent of population connected to septic tank - national | No computation done | Sanitation facility type: Septic; Residence type: Total |
|  | Percent of population connected to septic tank - urban | No computation done | Sanitation facility type: Septic; Residence type: Urban |
|  | Percent of population connected to improved latrine and others - national | No computation done | Sanitation facility type: Improved latrine and other; Residence type: Total |
|  | Percent of population connected to improved latrine and others - urban | No computation done | Sanitation facility type: Improved latrine and other; Residence type: Urban |
|  | Percent of population for which wastewater is treated through sewage treatment facility - national | No computation done | Treatment of Wastewater: At wastewater treatment plant; Setting: national |
|  | Percent of population for which wastewater is treated through sewage treatment facility - urban | No computation done | Treatment of Wastewater: At wastewater treatment plant; Setting: urban |
|  | Percent of population for which wastewater is treated through faecal sludge management - national | No computation done | Treatment of Wastewater: At faecal sludge treatment plant; Setting: national |
|  | Percent of population for which wastewater is treated through faecal sludge management - urban | No computation done | Treatment of Wastewater: At faecal sludge treatment plant; Setting: urban |
|  | Percent of population for which wastewater is treated through insitu disposal - national | No computation done | Population using improved sanitation facilities (excluding shared): Disposed of in situ, National |
|  | Percent of population for which wastewater is treated through insitu disposal – urban | No computation done | Population using improved sanitation facilities (excluding shared): Disposed of in situ, Urban |
|  | Percent of population with safely managed sanitation - national | No computation done | Population using safely managed sanitation - national |
|  | Percent of population with safely managed sanitation - urban | No computation done | Population using safely managed sanitation - urban |
| Solid Waste Management |  | Waste generation per capita | No computation done | Waste generation per capita | The State Statistical Committee of the Republic of Azerbaijan | Manual Uploading |
|  | Environmental stress | No computation done | Environmental stress |
|  | Percent of organic waste | No computation done | Composition: Food organic waste | World Bank, What A Waste Global Database | Manual uploading  (until API has been developed) |
|  | Percent of plastic waste | No computation done | Composition: Plastic |
|  | Percent of waste going to landfill | No available data as of date | |  |  |
|  | Total waste generation | No computation done | Quantity of generated production and consumption waste | The State Statistical Committee of the Republic of Azerbaijan | Manual uploading |
|  | Waste collection coverage - national | No available data as of date | |  |  |
| Transport |  | Total length of roads | No computation done | Road length, total | The State Statistical Committee of the Republic of Azerbaijan | Manual uploading |
|  | Passenger volume by road transport | No computation done | Passenger transport demand: road transport |
|  | Total length of railways | No computation done | Heavy railways – Route KM |
|  | Passenger volume by railways | No computation done | Passenger transport demand: railway transport |
|  | Total length of mass rapid transit (MRT) network | No computation done | Length of all rapid transit | Institute for Transportation & Development Rapid Transit Database | Manual uploading |
|  | Passenger volume by MRT | No computation done | Passenger transport demand: underground (metro) transport | The State Statistical Committee of the Republic of Azerbaijan | Manual uploading |
|  | Percent of four-wheelers registered | Vehicle registration (LDV) /  Total vehicle registration |  |
|  | Percent of buses registered | Vehicle registration (Bus) /  Total vehicle registration |  |
|  | Annual passenger volume per capita | Computed as the total of passenger road, railway and metro transport demand divided by total population |  |
|  | Total length of bus rapid transit (BRT) network | No available data as of date | |  |  |
|  | Rapid transit to resident ratio for BRT network | No available data as of date | |
|  | Total length of light railway transit (LRT) network | No available data as of date | |
|  | Rapid transit to resident ratio for LRT network | No available data as of date | |
|  | Total length of metro network | No computation done | Length of metro | Institute for Transportation & Development Rapid Transit Database | Manual uploading |
|  | Rapid transit to resident ratio for metro network | No computation done | Rapid transit to resident ratio for metro |
| Energy |  | Electricity production | No computation done | Electricity production | ADB Key Indicators | API available |
|  | Electricity consumption | No computation done | Electricity consumption |
|  | Proportion of population with access to electricity- national | No computation done | Access to electricity (% of population) | World Development Indicators | API available |
|  | Proportion of population with access to electricity - urban | No computation done | Access to electricity, urban (% of urban population) |
|  | Time required to get electricity connection | No computation done | Time required to get electricity (days) |
|  | Output of renewable energy | No computation done | Renewable electricity output (% of total electricity output) |
|  | Renewable energy consumption | No computation done | Renewable energy consumption (% of total final energy consumption) |
|  | Tariff for per unit electricity consumption for household use | No available data as of date | |  |  |
|  | Tariff for per unit electricity consumption for non-household use | No available data as of date | |
| Information and Communication Technology |  | Commercial service exports of computers, communications, and other services | No computation done | Computer, communications and other services (% of commercial service exports) | World Development Indicators | API available |
|  | Commercial service imports of computers, communications, and other services | No computation done | Computer, communications and other services (% of commercial service imports) |
|  | Fixed broadband subscriptions | No computation done | Fixed broadband subscriptions |
|  | Export of information and communication technology goods | No computation done | ICT goods exports (% of total goods exports) |
|  | Import of information and communication technology goods | No computation done | ICT goods imports (% total goods imports) |
|  | Information and communication technology service exports | No computation done | ICT service exports (BoP, current US$) |
|  | Individuals using the internet | No computation done | Individuals using the Internet (% of population) |
|  | Secure internet servers | No computation done | Secure Internet servers |
|  | Investment in ICT with private participation | No available data as of date | |
|  | Public private partnerships investment in ICT | No available data as of date | |
|  | Mobile cellular subscriptions | No computation done | Mobile cellular subscriptions |

## Georgia

| **Theme** | **No** | **Indicator Name** | **Computation Methodology** | **Actual Data Points Based on Source** | **Data Source** | **Data sourcing strategy** | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Demographic indicators |  | Total area | No computation done | Land area | World Development Indicators | | API available |
|  | Total population | No computation done | Population, total |
|  | Annual growth rate of population | Population for current year minus population from previous year over previous year’s population |  |
|  | Urban Area | No computation done | Urban land area |
|  | Urban population | No computation done | Urban population |
|  | Annual growth rate of urban population | Urban population for current year minus population from previous year over previous year’s urban population |  |
|  | Gross population density | Population, total / Land Area |  |
|  | Population density in urban areas | Urban population/ Urban Area |  |
|  | Population within ages 0-14 | Population ages 0-14 /Population, total |  |
|  | Population within ages 15-64 | Population ages 15-64 / Population, total |  |
|  | Population within ages 65 and above | Population ages 65 and above / Population, total |  |
|  | Female ratio | Population, female / (Population, male \* 1,000) |  |
| Socio-economic indicators |  | Gross domestic product (GDP) | GDP (current US$) / 1,000,000 |  | World Development Indicators | API available | |
|  | GDP per capita | GDP (current US$) / Population, total |  |
|  | Gross national income (GNI) | GNI (current US$) / 1,000,000 |  |
|  | GNI per capita | GNI (current US$)/ Population, total |  |
|  | Labour force participation rate- male | No computation done | Labor force participation rate, male |
|  | Labour force participation rate- female | No computation done | Labor force participation rate, female |
|  | Percent of population in formal employment | Labor Force: Employed / Total labor force |  |
|  | Unemployment rate | Unemployment, total / Population, total |  |
|  | Annual household income per capita | No computation done | Household income per capita | CEIC Data | API available | |
|  | GINI coefficient | No computation done | GINI index (World Bank estimate) | World Development Indicators | API available | |
|  | Population below national poverty line | No computation done | Proportion of population living below the national poverty line | ADB Basic Statistics | Manual uploading  (until API has been developed) | |
| Water Supply |  | Percent of population connected to improved drinking water source - national | No computation done | Drinking water facility type: Non-piped improved; Residence type: Total | WHO – UNICEF Joint Monitoring Programme | Manual uploading, API to be requested from WHO-UNICEF Joint Monitoring Programme | |
|  | Percent of population connected to improved drinking water source - urban | No computation done | Drinking water facility type: Non-piped improved; Residence type: Urban |
|  | Percent of population connected to improved piped drinking water source - national | No computation done | Drinking water facility type: Piped improved; Residence type: Total |
|  | Percent of population connected to improved piped drinking water source – urban | No computation done | Drinking water facility type: Piped improved; Residence type: Urban |
|  | Daily water production | No computation done | House water use | National Statistics Office of Georgia | Manual uploading | |
|  | Daily water consumption | No computation done | Freshwater supplied by water supply industry |
|  | Per capital daily household level water use | No computation done | Household water user per capita |
|  | Non-revenue water | No computation done | Non-revenue water | IB-Net | API available | |
|  | Water tariff for household metered connections | Average of the tariffs of all the water utility providers registered via GNERC | Tariff category: household, metered (GEL/m3) converted to US$/m3 | GNERC Website | Manual uploading/ Request to be made to GNERC to share API | |
|  | Water tariff for household non-metered connections | Average of the tariffs of all the water utility providers registered via GNERC | Tariff category: household, non-metered (GEL/person/month) converted to US$/capita/month |
|  | Water tariff for non-household connections | Average of the tariffs of all the water utility providers registered via GNERC | Tariff category: non-household (GEL/m3) converted to US$/m3 |
|  | Percent of population with safely managed drinking water - national | No computation done | Population using safely managed drinking water - national | WHO – UNICEF Joint Monitoring Programme | Manual uploading, API to be requested from WHO-UNICEF Joint Monitoring Programme | |
|  | Percent of population with safely managed drinking water - urban | No computation done | Population using safely managed drinking water - urban |
| Sanitation |  | Percent of population connected to sewer network - national | No computation done | Sanitation facility type: Sewer; Residence type: Total | WHO – UNICEF Joint Monitoring Programme | Manual uploading, API to be requested from WHO-UNICEF Joint Monitoring Programme | |
|  | Percent of population connected to sewer network - urban | No computation done | Sanitation facility type: Sewer; Residence type: Urban |
|  | Percent of population connected to septic tank - national | No computation done | Sanitation facility type: Septic; Residence type: Total |
|  | Percent of population connected to septic tank - urban | No computation done | Sanitation facility type: Septic; Residence type: Urban |
|  | Percent of population connected to improved latrine and others - national | No computation done | Sanitation facility type: Improved latrine and other; Residence type: Total |
|  | Percent of population connected to improved latrine and others - urban | No computation done | Sanitation facility type: Improved latrine and other; Residence type: Urban |
|  | Percent of population for which wastewater is treated through sewage treatment facility - national | No computation done | Treatment of Wastewater: At wastewater treatment plant; Setting: national |
|  | Percent of population for which wastewater is treated through sewage treatment facility - urban | No computation done | Treatment of Wastewater: At wastewater treatment plant; Setting: urban |
|  | Percent of population for which wastewater is treated through faecal sludge management - national | No computation done | Treatment of Wastewater: At faecal sludge treatment plant; Setting: national |
|  | Percent of population for which wastewater is treated through faecal sludge management - urban | No computation done | Treatment of Wastewater: At faecal sludge treatment plant; Setting: urban |
|  | Percent of population for which wastewater is treated through insitu disposal - national | No computation done | Population using improved sanitation facilities (excluding shared): Disposed of in situ, National |
|  | Percent of population for which wastewater is treated through insitu disposal – urban | No computation done | Population using improved sanitation facilities (excluding shared): Disposed of in situ, Urban |
|  | Percent of population with safely managed sanitation - national | No computation done | Population using safely managed sanitation - national |
|  | Percent of population with safely managed sanitation - urban | No computation done | Population using safely managed sanitation - urban |
| Solid Waste Management |  | Waste generation per capita | No computation done | Waste generation per capita | National Statistics Office of Georgia | Manual Uploading | |
|  | Environmental stress | No computation done | Environmental stress |
|  | Percent of organic waste | No computation done | Composition: Food organic waste | World Bank, What A Waste Global Database | Manual uploading  (until API has been developed) | |
|  | Percent of plastic waste | No computation done | Composition: Plastic |
|  | Percent of waste going to landfill | No available data | |  |  | |
|  | Total waste generation | No computation done | Generated municipal waste | National Statistics Office of Georgia | Manual Uploading | |
|  | Waste collection coverage - national | No computation done | Waste collection coverage, total | World Bank, What A Waste Global Database | Manual uploading  (until API has been developed) | |
| Transport |  | Total length of roads | No computation done | Road length, total | ADB Asian Transport Outlook | Manual uploading, API may be requested | |
|  | Passenger volume by road transport | No computation done | Passenger transport demand: road transport | National Statistics Office of Georgia | Manual uploading; Request to be made to National Statistics Office of Georgia to compile and share this data | |
|  | Total length of railways | No computation done | Heavy railways – Route KM | ADB Asian Transport Outlook | Manual uploading, API may be requested | |
|  | Passenger volume by railways | No computation done | Passenger transport demand: railway transport | National Statistics Office of Georgia | Manual uploading; Request to be made to National Statistics Office of Georgia to compile and share this data | |
|  | Total length of mass rapid transit (MRT) network | No computation done | Length of all rapid transit | Institute for Transportation & Development Rapid Transit Database | Manual uploading | |
|  | Passenger volume by MRT | No computation done | Passenger transport demand: underground (metro) transport | National Statistics Office of Georgia | Manual uploading; Request to be made to National Statistics Office of Georgia to compile and share this data | |
|  | Percent of four-wheelers registered | Vehicle registration (LDV) /  Total vehicle registration |  | ADB Asian Transport Outlook | Manual uploading, API may be requested | |
|  | Percent of buses registered | Vehicle registration (Bus) /  Total vehicle registration |  |
|  | Annual passenger volume per capita | Computed as the total of passenger road, railway and metro transport demand divided by total population |  |
|  | Total length of bus rapid transit (BRT) network | No computation done | Length of bus rapid transit (BRT) | Institute for Transportation & Development Rapid Transit Database | Manual uploading | |
|  | Rapid transit to resident ratio for BRT network | No computation done | Rapid transit to resident ratio for BRT |
|  | Total length of light railway transit (LRT) network | No computation done | Length of light railway transit (LRT) |
|  | Rapid transit to resident ratio for LRT network | No computation done | Rapid transit to resident ratio for LRT |
|  | Total length of metro network | No computation done | Length of metro |
|  | Rapid transit to resident ratio for metro network | No computation done | Rapid transit to resident ratio for metro |
| Energy |  | Electricity production | No computation done | Electricity production | ADB Key Indicators | API available | |
|  | Electricity consumption | No computation done | Electricity consumption |
|  | Proportion of population with access to electricity- national | No computation done | Access to electricity (% of population) | World Development Indicators | API available | |
|  | Proportion of population with access to electricity - urban | No computation done | Access to electricity, urban (% of urban population) |
|  | Time required to get electricity connection | No computation done | Time required to get electricity (days) |
|  | Output of renewable energy | No computation done | Renewable electricity output (% of total electricity output) |
|  | Renewable energy consumption | No computation done | Renewable energy consumption (% of total final energy consumption) |
|  | Tariff for per unit electricity consumption for household use | Average of distribution tariff per kWh consumption category (0 to 101, 101 to 301, over 301 kWh) for household use | Distribution tariff per kWh consumption category for household use | GNERC Website | Manual uploading/ Request to be made to GNERC to share data | |
|  | Tariff for per unit electricity consumption for non-household use | Average of distribution tariff per kV consumption category (110-35, 10-6-3.3, 0.4 kV) for non-household use | Distribution tariff per kV consumption category for non-household use | GNERC Website | Manual uploading/ Request to be made to GNERC to share data | |
| Information and Communication Technology |  | Commercial service exports of computers, communications, and other services | No computation done | Computer, communications and other services (% of commercial service exports) | World Development Indicators | API available | |
|  | Commercial service imports of computers, communications, and other services | No computation done | Computer, communications and other services (% of commercial service imports) |
|  | Fixed broadband subscriptions | No computation done | Fixed broadband subscriptions |
|  | Export of information and communication technology goods | No computation done | ICT goods exports (% of total goods exports) |
|  | Import of information and communication technology goods | No computation done | ICT goods imports (% total goods imports) |
|  | Information and communication technology service exports | No computation done | ICT service exports (BoP, current US$) |
|  | Individuals using the internet | No computation done | Individuals using the Internet (% of population) |
|  | Secure internet servers | No computation done | Secure Internet servers |
|  | Investment in ICT with private participation | No computation done | Investment in ICT with private participation (current US$) |
|  | Public private partnerships investment in ICT | No computation done | Public private partnerships investment in ICT (current US$) |
|  | Mobile cellular subscriptions | No computation done | Mobile cellular subscriptions |

## Kazakhstan

| **Theme** | **No** | **Indicator Name** | **Computation Methodology** | **Actual Data Points Based on Source** | **Data Source** | **Data sourcing strategy** | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Demographic indicators |  | Total area | No computation done | Land area | World Development Indicators | | API available |
|  | Total population | No computation done | Population, total |
|  | Annual growth rate of population | Population for current year minus population from previous year over previous year’s population |  |
|  | Urban Area | No available data as of date | |
|  | Urban population | No computation done | Urban population |
|  | Annual growth rate of urban population | Urban population for current year minus population from previous year over previous year’s urban population |  |
|  | Gross population density | Population, total / Land Area |  |
|  | Population density in urban areas | No available data as of date | |
|  | Population within ages 0-14 | Population ages 0-14 /Population, total |  |
|  | Population within ages 15-64 | Population ages 15-64 / Population, total |  |
|  | Population within ages 65 and above | Population ages 65 and above / Population, total |  |
|  | Female ratio | Population, female / (Population, male \* 1,000) |  |
| Socio-economic indicators |  | Gross domestic product (GDP) | GDP (current US$) / 1,000,000 |  | World Development Indicators | API available | |
|  | GDP per capita | GDP (current US$) / Population, total |  |
|  | Gross national income (GNI) | GNI (current US$) / 1,000,000 |  |
|  | GNI per capita | GNI (current US$)/ Population, total |  |
|  | Labour force participation rate- male | No computation done | Labor force participation rate, male |
|  | Labour force participation rate- female | No computation done | Labor force participation rate, female |
|  | Percent of population in formal employment | Labor Force: Employed / Total labor force |  |
|  | Unemployment rate | Unemployment, total / Population, total |  |
|  | Annual household income per capita | No computation done | Household income per capita | CEIC Data | API available | |
|  | GINI coefficient | No computation done | GINI index (World Bank estimate) | World Development Indicators | API available | |
|  | Population below national poverty line | No computation done | Proportion of population living below the national poverty line | ADB Basic Statistics | Manual uploading  (until API has been developed) | |
| Water Supply |  | Percent of population connected to improved drinking water source - national | No computation done | Drinking water facility type: Non-piped improved; Residence type: Total | WHO – UNICEF Joint Monitoring Programme | API available | |
|  | Percent of population connected to improved drinking water source - urban | No computation done | Drinking water facility type: Non-piped improved; Residence type: Urban |
|  | Percent of population connected to improved piped drinking water source - national | No computation done | Drinking water facility type: Piped improved; Residence type: Total |
|  | Percent of population connected to improved piped drinking water source – urban | No computation done | Drinking water facility type: Piped improved; Residence type: Urban |
|  | Daily water production | Water supply industry (ISIC 36) converted to million liters |  | Bureau of National Statistics, Kazakhstan | Manual uploading | |
|  | Daily water consumption | Water consumption of households converted to million liters |  |
|  | Per capital daily household level water use | (Water supply industry (ISIC 36) converted to liters) / total population |  |
|  | Non-revenue water | Computed as the percentage of the difference of total water production and total water consumption | Non-revenue water |
|  | Water tariff for household metered connections | No available data as of date | |  |  | |
|  | Water tariff for household non-metered connections | No available data as of date | |
|  | Water tariff for non-household connections | No available data as of date | |
|  | Percent of population with safely managed drinking water - national | No computation done | Population using safely managed drinking water - national | WHO – UNICEF Joint Monitoring Programme | API available | |
|  | Percent of population with safely managed drinking water - urban | No available data as of date | |  |  | |
| Sanitation |  | Percent of population connected to sewer network - national | No computation done | Sanitation facility type: Sewer; Residence type: Total | WHO – UNICEF Joint Monitoring Programme | Manual uploading, API to be requested from WHO-UNICEF Joint Monitoring Programme | |
|  | Percent of population connected to sewer network - urban | No computation done | Sanitation facility type: Sewer; Residence type: Urban |
|  | Percent of population connected to septic tank - national | No computation done | Sanitation facility type: Septic; Residence type: Total |
|  | Percent of population connected to septic tank - urban | No computation done | Sanitation facility type: Septic; Residence type: Urban |
|  | Percent of population connected to improved latrine and others - national | No computation done | Sanitation facility type: Improved latrine and other; Residence type: Total |
|  | Percent of population connected to improved latrine and others - urban | No computation done | Sanitation facility type: Improved latrine and other; Residence type: Urban |
|  | Percent of population for which wastewater is treated through sewage treatment facility - national | No computation done | Treatment of Wastewater: At wastewater treatment plant; Setting: national |
|  | Percent of population for which wastewater is treated through sewage treatment facility - urban | No computation done | Treatment of Wastewater: At wastewater treatment plant; Setting: urban |
|  | Percent of population for which wastewater is treated through faecal sludge management - national | No computation done | Treatment of Wastewater: At faecal sludge treatment plant; Setting: national |
|  | Percent of population for which wastewater is treated through faecal sludge management - urban | No computation done | Treatment of Wastewater: At faecal sludge treatment plant; Setting: urban |
|  | Percent of population for which wastewater is treated through insitu disposal - national | No computation done | Population using improved sanitation facilities (excluding shared): Disposed of in situ, National |
|  | Percent of population for which wastewater is treated through insitu disposal – urban | No computation done | Population using improved sanitation facilities (excluding shared): Disposed of in situ, Urban |
|  | Percent of population with safely managed sanitation - national | No computation done | Population using safely managed sanitation - national |
|  | Percent of population with safely managed sanitation - urban | No computation done | Population using safely managed sanitation - urban |
| Solid Waste Management |  | Waste generation per capita | No computation done | Collected municipal waste per capita | Bureau of National Statistics, Kazakhstan | Manual Uploading | |
|  | Environmental stress | No computation done | Environmental stress |
|  | Percent of organic waste | No computation done | MSW Composition: Organic (%) |
|  | Percent of plastic waste | No computation done | MSW Composition: Plastic (%) |
|  | Percent of waste going to landfill | No computation done | Landfilling on a controlled site / Municipal waste collected |
|  | Total waste generation | No computation done | Volume of collected municipal waste |
|  | Waste collection coverage - national | No computation done | Waste collection coverage - national | World Bank, What A Waste Global Database | Manual uploading  (until API has been developed) | |
| Transport |  | Total length of roads | No computation done | Road length, total | ADB Asian Transport Outlook | Manual uploading, API may be requested | |
|  | Passenger volume by road transport | No computation done | Passenger transport demand: road transport |
|  | Total length of railways | No computation done | Heavy railways – Route KM | World Development  Indicators | API Available | |
|  | Passenger volume by railways | No computation done | Passenger transport demand: railway transport |
|  | Total length of mass rapid transit (MRT) network | No computation done | Length of all rapid transit | Institute for Transportation & Development Rapid Transit Database | Manual uploading | |
|  | Passenger volume by MRT | No available data as of date | |  |  | |
|  | Percent of four-wheelers registered | No available data as of date | |
|  | Percent of buses registered | No available data as of date | |
|  | Annual passenger volume per capita | Computed as the total of passenger road, railway and metro transport demand divided by total population |  | ADB Asian Transport Outlook | Manual uploading, API may be requested | |
|  | Total length of bus rapid transit (BRT) network | No available data as of date | |  |  | |
|  | Rapid transit to resident ratio for BRT network | No available data as of date | |
|  | Total length of light railway transit (LRT) network | No available data as of date | |
|  | Rapid transit to resident ratio for LRT network | No available data as of date | |  |  | |
|  | Total length of metro network | No computation done | Length of metro | Institute for Transportation & Development Rapid Transit Database | Manual uploading | |
|  | Rapid transit to resident ratio for metro network | No computation done | Rapid transit to resident ratio for metro |
| Energy |  | Electricity production | No computation done | Electricity production | ADB Key Indicators | API available | |
|  | Electricity consumption | No computation done | Electricity consumption |
|  | Proportion of population with access to electricity- national | No computation done | Access to electricity (% of population) | World Development Indicators | API available | |
|  | Proportion of population with access to electricity - urban | No computation done | Access to electricity, urban (% of urban population) |
|  | Time required to get electricity connection | No computation done | Time required to get electricity (days) |
|  | Output of renewable energy | No computation done | Renewable electricity output (% of total electricity output) |
|  | Renewable energy consumption | No computation done | Renewable energy consumption (% of total final energy consumption) |
|  | Tariff for per unit electricity consumption for household use | No available data as of date | |  |  | |
|  | Tariff for per unit electricity consumption for non-household use | No available data as of date | |
| Information and Communication Technology |  | Commercial service exports of computers, communications, and other services | No computation done | Computer, communications and other services (% of commercial service exports) | World Development Indicators | API available | |
|  | Commercial service imports of computers, communications, and other services | No computation done | Computer, communications and other services (% of commercial service imports) |
|  | Fixed broadband subscriptions | No computation done | Fixed broadband subscriptions |
|  | Export of information and communication technology goods | No computation done | ICT goods exports (% of total goods exports) |
|  | Import of information and communication technology goods | No computation done | ICT goods imports (% total goods imports) |
|  | Information and communication technology service exports | No computation done | ICT service exports (BoP, current US$) |
|  | Individuals using the internet | No computation done | Individuals using the Internet (% of population) |
|  | Secure internet servers | No computation done | Secure Internet servers |
|  | Investment in ICT with private participation | No computation done | Investment in ICT with private participation (current US$) |
|  | Public private partnerships investment in ICT | No computation done | Public private partnerships investment in ICT (current US$) |
|  | Mobile cellular subscriptions | No computation done | Mobile cellular subscriptions |

## Kyrgyzstan

| **Theme** | **No** | **Indicator Name** | **Computation Methodology** | **Actual Data Points Based on Source** | **Data Source** | **Data sourcing strategy** | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Demographic indicators |  | Total area | No computation done | Land area | World Development Indicators | | API available |
|  | Total population | No computation done | Population, total |
|  | Annual growth rate of population | Population for current year minus population from previous year over previous year’s population |  |
|  | Urban Area | No available data as of date | |
|  | Urban population | No computation done | Urban population |
|  | Annual growth rate of urban population | Urban population for current year minus population from previous year over previous year’s urban population |  |
|  | Gross population density | Population, total / Land Area |  |
|  | Population density in urban areas | No available data as of date | |
|  | Population within ages 0-14 | Population ages 0-14 /Population, total |  |
|  | Population within ages 15-64 | Population ages 15-64 / Population, total |  |
|  | Population within ages 65 and above | Population ages 65 and above / Population, total |  |
|  | Female ratio | Population, female / (Population, male \* 1,000) |  |
| Socio-economic indicators |  | Gross domestic product (GDP) | GDP (current US$) / 1,000,000 |  | World Development Indicators | API available | |
|  | GDP per capita | GDP (current US$) / Population, total |  |
|  | Gross national income (GNI) | GNI (current US$) / 1,000,000 |  |
|  | GNI per capita | GNI (current US$)/ Population, total |  |
|  | Labour force participation rate- male | No computation done | Labor force participation rate, male |
|  | Labour force participation rate- female | No computation done | Labor force participation rate, female |
|  | Percent of population in formal employment | Labor Force: Employed / Total labor force |  |
|  | Unemployment rate | Unemployment, total / Population, total |  |
|  | Annual household income per capita | No computation done | Household income per capita | CEIC Data | API available | |
|  | GINI coefficient | No computation done | GINI index (World Bank estimate) | World Development Indicators | API available | |
|  | Population below national poverty line | No computation done | Proportion of population living below the national poverty line | ADB Basic Statistics | Manual uploading  (until API has been developed) | |
| Water Supply |  | Percent of population connected to improved drinking water source - national | No computation done | Drinking water facility type: Non-piped improved; Residence type: Total | WHO – UNICEF Joint Monitoring Programme | Manual uploading, API to be requested from WHO-UNICEF Joint Monitoring Programme | |
|  | Percent of population connected to improved drinking water source - urban | No computation done | Drinking water facility type: Non-piped improved; Residence type: Urban |
|  | Percent of population connected to improved piped drinking water source - national | No computation done | Drinking water facility type: Piped improved; Residence type: Total |
|  | Percent of population connected to improved piped drinking water source – urban | No computation done | Drinking water facility type: Piped improved; Residence type: Urban |
|  | Daily water production | Water production (liters/ person/day) \* total population converted to million liters/day |  | IB-Net | API Available | |
|  | Daily water consumption | Total water consumption (liters/ person/day) \* total population converted to million liters/day |  |
|  | Per capital daily household level water use | No computation done | Residential consumption (liters/person/day) |
|  | Non-revenue water | No computation done | Non-revenue water |
|  | Water tariff for household metered connections | No available data as of date | |  |  | |
|  | Water tariff for household non-metered connections | No available data as of date | |
|  | Water tariff for non-household connections | No available data as of date | |
|  | Percent of population with safely managed drinking water - national | No computation done | Population using safely managed drinking water - national | WHO – UNICEF Joint Monitoring Programme | Manual uploading, API to be requested from WHO-UNICEF Joint Monitoring Programme | |
|  | Percent of population with safely managed drinking water - urban | No computation done | Population using safely managed drinking water - urban |
| Sanitation |  | Percent of population connected to sewer network - national | No computation done | Sanitation facility type: Sewer; Residence type: Total | WHO – UNICEF Joint Monitoring Programme | Manual uploading, API to be requested from WHO-UNICEF Joint Monitoring Programme | |
|  | Percent of population connected to sewer network - urban | No computation done | Sanitation facility type: Sewer; Residence type: Urban |
|  | Percent of population connected to septic tank - national | No computation done | Sanitation facility type: Septic; Residence type: Total |
|  | Percent of population connected to septic tank - urban | No computation done | Sanitation facility type: Septic; Residence type: Urban |
|  | Percent of population connected to improved latrine and others - national | No computation done | Sanitation facility type: Improved latrine and other; Residence type: Total |
|  | Percent of population connected to improved latrine and others - urban | No computation done | Sanitation facility type: Improved latrine and other; Residence type: Urban |
|  | Percent of population for which wastewater is treated through sewage treatment facility - national | No computation done | Treatment of Wastewater: At wastewater treatment plant; Setting: national |
|  | Percent of population for which wastewater is treated through sewage treatment facility - urban | No computation done | Treatment of Wastewater: At wastewater treatment plant; Setting: urban |
|  | Percent of population for which wastewater is treated through faecal sludge management - national | No available data as of date | |
|  | Percent of population for which wastewater is treated through faecal sludge management - urban | No available data as of date | |
|  | Percent of population for which wastewater is treated through insitu disposal - national | No computation done | Population using improved sanitation facilities (excluding shared): Disposed of in situ, National |
|  | Percent of population for which wastewater is treated through insitu disposal – urban | No computation done | Population using improved sanitation facilities (excluding shared): Disposed of in situ, Urban |
|  | Percent of population with safely managed sanitation - national | No computation done | Population using safely managed sanitation - national |
|  | Percent of population with safely managed sanitation - urban | No computation done | Population using safely managed sanitation - urban |
| Solid Waste Management |  | Waste generation per capita | Number of waste (converted to kg) / total population / 365 |  | National Statistical Committee of the Kyrgyz Republic | Manual uploading | |
|  | Environmental stress | Number of waste / land area |  |
|  | Percent of organic waste | No available data as of date | |  |  | |
|  | Percent of plastic waste | No available data as of date | |
|  | Percent of waste going to landfill | No available data as of date | |
|  | Total waste generation |  | Number of waste in reporting year | National Statistical Committee of the Kyrgyz Republic | Manual uploading | |
|  | Waste collection coverage - national | No available data as of date | |  |  | |
| Transport |  | Total length of roads | No computation done | Road length, total | ADB Asian Transport Outlook | Manual uploading, API may be requested | |
|  | Passenger volume by road transport | No computation done | Passenger transport demand: road transport |
|  | Total length of railways | No computation done | Heavy railways – Route KM | World Development Indicators | API Available | |
|  | Passenger volume by railways | No computation done | Passenger transport demand: railway transport | ADB Asian Transport Outlook | Manual uploading, API may be requested | |
|  | Total length of mass rapid transit (MRT) network | No available data as of date | |  |  | |
|  | Passenger volume by MRT | No available data as of date | |
|  | Percent of four-wheelers registered | No available data as of date | |
|  | Percent of buses registered | No available data as of date | |
|  | Annual passenger volume per capita | Computed as the total of passenger road, railway and metro transport demand divided by total population |  | ADB Asian Transport Outlook | Manual uploading, API may be requested | |
|  | Total length of bus rapid transit (BRT) network | No available data as of date | |  |  | |
|  | Rapid transit to resident ratio for BRT network | No available data as of date | |
|  | Total length of light railway transit (LRT) network | No available data as of date | |
|  | Rapid transit to resident ratio for LRT network | No available data as of date | |
|  | Total length of metro network | No available data as of date | |
|  | Rapid transit to resident ratio for metro network | No available data as of date | |
| Energy |  | Electricity production | No computation done | Electricity production | ADB Key Indicators | API available | |
|  | Electricity consumption | No computation done | Electricity consumption |
|  | Proportion of population with access to electricity- national | No computation done | Access to electricity (% of population) | World Development Indicators | API available | |
|  | Proportion of population with access to electricity - urban | No computation done | Access to electricity, urban (% of urban population) |
|  | Time required to get electricity connection | No computation done | Time required to get electricity (days) |
|  | Output of renewable energy | No computation done | Renewable electricity output (% of total electricity output) |
|  | Renewable energy consumption | No computation done | Renewable energy consumption (% of total final energy consumption) |
|  | Tariff for per unit electricity consumption for household use | No available data as of date | |  |  | |
|  | Tariff for per unit electricity consumption for non-household use | No available data as of date | |
| Information and Communication Technology |  | Commercial service exports of computers, communications, and other services | No computation done | Computer, communications and other services (% of commercial service exports) | World Development Indicators | API available | |
|  | Commercial service imports of computers, communications, and other services | No computation done | Computer, communications and other services (% of commercial service imports) |
|  | Fixed broadband subscriptions | No computation done | Fixed broadband subscriptions |
|  | Export of information and communication technology goods | No computation done | ICT goods exports (% of total goods exports) |
|  | Import of information and communication technology goods | No computation done | ICT goods imports (% total goods imports) |
|  | Information and communication technology service exports | No computation done | ICT service exports (BoP, current US$) |
|  | Individuals using the internet | No computation done | Individuals using the Internet (% of population) |
|  | Secure internet servers | No computation done | Secure Internet servers |
|  | Investment in ICT with private participation | No computation done | Investment in ICT with private participation (current US$) |
|  | Public private partnerships investment in ICT | No computation done | Public private partnerships investment in ICT (current US$) |
|  | Mobile cellular subscriptions | No computation done | Mobile cellular subscriptions |

## Pakistan

| **Theme** | **No** | **Indicator Name** | **Computation Methodology** | **Actual Data Points Based on Source** | **Data Source** | **Data sourcing strategy** | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Demographic indicators |  | Total area | No computation done | Land area | World Development Indicators | | API available |
|  | Total population | No computation done | Population, total |
|  | Annual growth rate of population | Population for current year minus population from previous year over previous year’s population |  |
|  | Urban Area | No computation done | Urban land area |
|  | Urban population | No computation done | Urban population |
|  | Annual growth rate of urban population | Urban population for current year minus population from previous year over previous year’s urban population |  |
|  | Gross population density | Population, total / Land Area |  |
|  | Population density in urban areas | Urban population/ Urban Area |  |
|  | Population within ages 0-14 | Population ages 0-14 /Population, total |  |
|  | Population within ages 15-64 | Population ages 15-64 / Population, total |  |
|  | Population within ages 65 and above | Population ages 65 and above / Population, total |  |
|  | Female ratio | Population, female / (Population, male \* 1,000) |  |
| Socio-economic indicators |  | Gross domestic product (GDP) | GDP (current US$) / 1,000,000 |  | World Development Indicators | API available | |
|  | GDP per capita | GDP (current US$) / Population, total |  |
|  | Gross national income (GNI) | GNI (current US$) / 1,000,000 |  |
|  | GNI per capita | GNI (current US$)/ Population, total |  |
|  | Labour force participation rate- male | No computation done | Labor force participation rate, male |
|  | Labour force participation rate- female | No computation done | Labor force participation rate, female |
|  | Percent of population in formal employment | Labor Force: Employed / Total labor force |  |
|  | Unemployment rate | Unemployment, total / Population, total |  |
|  | Annual household income per capita | No computation done | Household income per capita | CEIC Data | API available | |
|  | GINI coefficient | No computation done | GINI index (World Bank estimate) | World Development Indicators | API available | |
|  | Population below national poverty line | No computation done | Proportion of population living below the national poverty line | ADB Basic Statistics | Manual uploading  (until API has been developed) | |
| Water Supply |  | Percent of population connected to improved drinking water source - national | No computation done | Drinking water facility type: Non-piped improved; Residence type: Total | WHO – UNICEF Joint Monitoring Programme | Manual uploading, API to be requested from WHO-UNICEF Joint Monitoring Programme | |
|  | Percent of population connected to improved drinking water source - urban | No computation done | Drinking water facility type: Non-piped improved; Residence type: Urban |
|  | Percent of population connected to improved piped drinking water source - national | No computation done | Drinking water facility type: Piped improved; Residence type: Total |
|  | Percent of population connected to improved piped drinking water source – urban | No computation done | Drinking water facility type: Piped improved; Residence type: Urban |
|  | Daily water production | Water production (liters/ person/day) \* total population converted to million liters/day |  | IB-Net | API Available | |
|  | Daily water consumption | Total water consumption (liters/ person/day) \* total population converted to million liters/day |  |
|  | Per capital daily household level water use | No computation done | Residential consumption (liters/person/day) |
|  | Non-revenue water | No computation done | Non-revenue water |
|  | Water tariff for household metered connections | No available data as of date | |  |  | |
|  | Water tariff for household non-metered connections | No available data as of date | |
|  | Water tariff for non-household connections | No available data as of date | |
|  | Percent of population with safely managed drinking water - national | No computation done | Population using safely managed drinking water - national | WHO – UNICEF Joint Monitoring Programme | Manual uploading, API to be requested from WHO-UNICEF Joint Monitoring Programme | |
|  | Percent of population with safely managed drinking water - urban | No computation done | Population using safely managed drinking water - urban |
| Sanitation |  | Percent of population connected to sewer network - national | No computation done | Sanitation facility type: Sewer; Residence type: Total | WHO – UNICEF Joint Monitoring Programme | Manual uploading, API to be requested from WHO-UNICEF Joint Monitoring Programme | |
|  | Percent of population connected to sewer network - urban | No computation done | Sanitation facility type: Sewer; Residence type: Urban |
|  | Percent of population connected to septic tank - national | No computation done | Sanitation facility type: Septic; Residence type: Total |
|  | Percent of population connected to septic tank - urban | No computation done | Sanitation facility type: Septic; Residence type: Urban |
|  | Percent of population connected to improved latrine and others - national | No computation done | Sanitation facility type: Improved latrine and other; Residence type: Total |
|  | Percent of population connected to improved latrine and others - urban | No computation done | Sanitation facility type: Improved latrine and other; Residence type: Urban |
|  | Percent of population for which wastewater is treated through sewage treatment facility - national | No available data as of date | |
|  | Percent of population for which wastewater is treated through sewage treatment facility - urban | No available data as of date | |
|  | Percent of population for which wastewater is treated through faecal sludge management - national | No available data as of date | |
|  | Percent of population for which wastewater is treated through faecal sludge management - urban | No available data as of date | |
|  | Percent of population for which wastewater is treated through insitu disposal - national | No available data as of date | |
|  | Percent of population for which wastewater is treated through insitu disposal – urban | No available data as of date | |
|  | Percent of population with safely managed sanitation - national | No available data as of date | |
|  | Percent of population with safely managed sanitation - urban | No available data as of date | |
| Solid Waste Management |  | Waste generation per capita | Total municipal solid waste generated (converted to kg) / total population / 365 |  | World Bank, What A Waste Global Database | Manual uploading  (until API has been developed) | |
|  |  | Environmental stress | Total waste generation (converted to tonnes) / total area |  |
|  |  | Percent of organic waste | No computation done | Composition: Food organic waste |
|  |  | Percent of plastic waste | No computation done | Composition: Plastic |
|  |  | Percent of waste going to landfill | No available data as of date | |  |  | |
|  |  | Total waste generation | Total municipal solid waste generated converted to thousand tonnes / year |  | World Bank, What A Waste Global Database | Manual uploading  (until API has been developed) | |
|  |  | Waste collection coverage - national | No available data as of date | |  |  | |
| Transport |  | Total length of roads | No computation done | Road length, total | ADB Asian Transport Outlook | Manual uploading, API may be requested | |
|  | Passenger volume by road transport | No computation done | Passenger transport demand: road transport | Economic Survey Reports | Manual uploading | |
|  | Total length of railways | No computation done | Heavy railways – Route KM | ADB Asian Transport Outlook | Manual uploading, API may be requested | |
|  | Passenger volume by railways | No computation done | Passenger transport demand: railway transport | Economic Survey Reports | Manual uploading | |
|  | Total length of mass rapid transit (MRT) network | No computation done | Length of all rapid transit | Institute for Transportation & Development Rapid Transit Database | Manual uploading | |
|  | Passenger volume by MRT | No available data as of date | |  |  | |
|  | Percent of four-wheelers registered | Vehicle registration (LDV) / Total vehicle registration |  | ADB Asian Transport Outlook | Manual uploading, API may be requested | |
|  | Percent of buses registered | Vehicle registration (Bus) / Total vehicle registration |  |
|  | Annual passenger volume per capita | Computed as the total of passenger road, railway and metro transport demand divided by total population |  |
|  | Total length of bus rapid transit (BRT) network | No computation done | Length of bus rapid transit (BRT) | Institute for Transportation & Development Rapid Transit Database | Manual uploading | |
|  | Rapid transit to resident ratio for BRT network | No computation done | Rapid transit to resident ratio for BRT |
|  | Total length of light railway transit (LRT) network | No available data as of date | |  |  | |
|  | Rapid transit to resident ratio for LRT network | No available data as of date | |
|  | Total length of metro network | No available data as of date | |
|  | Rapid transit to resident ratio for metro network | No available data as of date | |
| Energy |  | Electricity production | No computation done | Electricity production | ADB Key Indicators | API available | |
|  | Electricity consumption | No computation done | Electricity consumption |
|  | Proportion of population with access to electricity- national | No computation done | Access to electricity (% of population) | World Development Indicators | API available | |
|  | Proportion of population with access to electricity - urban | No computation done | Access to electricity, urban (% of urban population) |
|  | Time required to get electricity connection | No computation done | Time required to get electricity (days) |
|  | Output of renewable energy | No computation done | Renewable electricity output (% of total electricity output) |
|  | Renewable energy consumption | No computation done | Renewable energy consumption (% of total final energy consumption) |
|  | Tariff for per unit electricity consumption for household use | Average of the consumer-end applicable residential tariff for utility providers registered under the National Electricity Power Regulatory Authority |  | National Electricity  Power Regulatory Authority | Manual uploading | |
|  | Tariff for per unit electricity consumption for non-household use | Average of the consumer-end applicable residential tariff for utility providers registered under the National Electricity Power Regulatory Authority |  |
| Information and Communication Technology |  | Commercial service exports of computers, communications, and other services | No computation done | Computer, communications and other services (% of commercial service exports) | World Development Indicators | API available | |
|  | Commercial service imports of computers, communications, and other services | No computation done | Computer, communications and other services (% of commercial service imports) |
|  | Fixed broadband subscriptions | No computation done | Fixed broadband subscriptions |
|  | Export of information and communication technology goods | No computation done | ICT goods exports (% of total goods exports) |
|  | Import of information and communication technology goods | No computation done | ICT goods imports (% total goods imports) |
|  | Information and communication technology service exports | No computation done | ICT service exports (BoP, current US$) |
|  | Individuals using the internet | No computation done | Individuals using the Internet (% of population) |
|  | Secure internet servers | No computation done | Secure Internet servers |
|  | Investment in ICT with private participation | No computation done | Investment in ICT with private participation (current US$) |
|  | Public private partnerships investment in ICT | No computation done | Public private partnerships investment in ICT (current US$) |
|  | Mobile cellular subscriptions | No computation done | Mobile cellular subscriptions |

## Tajikistan

| **Theme** | **No** | **Indicator Name** | **Computation Methodology** | **Actual Data Points Based on Source** | | **Data Source** | **Data sourcing strategy** | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Demographic indicators |  | Total area | No computation done | Land area | | World Development Indicators | | API available |
|  | Total population | No computation done | Population, total | |
|  | Annual growth rate of population | Population for current year minus population from previous year over previous year’s population |  | |
|  | Urban Area | No available data as of date | | |
|  | Urban population | No computation done | Urban population | |
|  | Annual growth rate of urban population | Urban population for current year minus population from previous year over previous year’s urban population |  | |
|  | Gross population density | Population, total / Land Area |  | |
|  | Population density in urban areas | No available data as of date | | |
|  | Population within ages 0-14 | Population ages 0-14 /Population, total |  | |
|  | Population within ages 15-64 | Population ages 15-64 / Population, total |  | |
|  | Population within ages 65 and above | Population ages 65 and above / Population, total |  | |
|  | Female ratio | Population, female / (Population, male \* 1,000) |  | |
| Socio-economic indicators |  | Gross domestic product (GDP) | GDP (current US$) / 1,000,000 |  | | World Development Indicators | API available | |
|  | GDP per capita | GDP (current US$) / Population, total |  | |
|  | Gross national income (GNI) | GNI (current US$) / 1,000,000 |  | |
|  | GNI per capita | GNI (current US$)/ Population, total |  | |
|  | Labour force participation rate- male | No computation done | Labor force participation rate, male | |
|  | Labour force participation rate- female | No computation done | Labor force participation rate, female | |
|  | Percent of population in formal employment | Labor Force: Employed / Total labor force |  | |
|  | Unemployment rate | Unemployment, total / Population, total |  | |
|  | Annual household income per capita | No computation done | Household income per capita | | CEIC Data | API available | |
|  | GINI coefficient | No computation done | GINI index (World Bank estimate) | | World Development Indicators | API available | |
|  | Population below national poverty line | No computation done | Proportion of population living below the national poverty line | | ADB Basic Statistics | Manual uploading  (until API has been developed) | |
| Water Supply |  | Percent of population connected to improved drinking water source - national | No computation done | Drinking water facility type: Non-piped improved; Residence type: Total | | WHO – UNICEF Joint Monitoring Programme | Manual uploading, API to be requested from WHO-UNICEF Joint Monitoring Programme | |
|  | Percent of population connected to improved drinking water source - urban | No computation done | Drinking water facility type: Non-piped improved; Residence type: Urban | |
|  | Percent of population connected to improved piped drinking water source - national | No computation done | Drinking water facility type: Piped improved; Residence type: Total | |
|  | Percent of population connected to improved piped drinking water source – urban | No computation done | Drinking water facility type: Piped improved; Residence type: Urban | |
|  | Daily water production | Water production (liters/ person/day) \* total population converted to million liters/day |  | | IB-Net | API available | |
|  | Daily water consumption | Total water consumption (liters/ person/day) \* total population converted to million liters/day |  | |
|  | Per capital daily household level water use | No computation done | Residential consumption (liters/person/day) | |
|  | Non-revenue water | No computation done | Non-revenue water | |
|  | Water tariff for household metered connections | No available data as of date | | |  |  | |
|  | Water tariff for household non-metered connections | No available data as of date | | |
|  | Water tariff for non-household connections | No available data as of date | | |
|  | Percent of population with safely managed drinking water - national | No computation done | Population using safely managed drinking water - national | | WHO – UNICEF Joint Monitoring Programme | Manual uploading, API to be requested from WHO-UNICEF Joint Monitoring Programme | |
|  | Percent of population with safely managed drinking water - urban | No available data as of date | | |  |  | |
| Sanitation |  | Percent of population connected to sewer network - national | No computation done | Sanitation facility type: Sewer; Residence type: Total | | WHO – UNICEF Joint Monitoring Programme | Manual uploading, API to be requested from WHO-UNICEF Joint Monitoring Programme | |
|  | Percent of population connected to sewer network - urban | No computation done | Sanitation facility type: Sewer; Residence type: Urban | |
|  | Percent of population connected to septic tank - national | No computation done | Sanitation facility type: Septic; Residence type: Total | |
|  | Percent of population connected to septic tank - urban | No computation done | Sanitation facility type: Septic; Residence type: Urban | |
|  | Percent of population connected to improved latrine and others - national | No computation done | Sanitation facility type: Improved latrine and other; Residence type: Total | |
|  | Percent of population connected to improved latrine and others - urban | No computation done | Sanitation facility type: Improved latrine and other; Residence type: Urban | |
|  | Percent of population for which wastewater is treated through sewage treatment facility - national | No available data as of date | | |  |  | |
|  | Percent of population for which wastewater is treated through sewage treatment facility - urban | No available data as of date | | |
|  | Percent of population for which wastewater is treated through faecal sludge management - national | No available data as of date | | |
|  | Percent of population for which wastewater is treated through faecal sludge management - urban | No available data as of date | | |
|  | Percent of population for which wastewater is treated through insitu disposal - national | No available data as of date | | |
|  | Percent of population for which wastewater is treated through insitu disposal – urban | No available data as of date | | |
|  | Percent of population with safely managed sanitation - national | No available data as of date | | |
|  | Percent of population with safely managed sanitation - urban | No available data as of date | | |
| Solid Waste Management |  | Waste generation per capita | Total municipal solid waste generated (converted to kg) / total population / 365 | |  | World Bank, What A Waste Global Database | Manual uploading  (until API has been developed) | |
|  | Environmental stress | Total waste generation (converted to tonnes) / total area | |  |
|  | Percent of organic waste | No available data as of date | | |  |  | |
|  | Percent of plastic waste | No available data as of date | | |
|  | Percent of waste going to landfill | No available data as of date | | |
|  | Total waste generation | Total municipal solid waste generated converted to thousand tonnes / year | |  | World Bank, What A Waste Global Database | Manual uploading  (until API has been developed) | |
|  | Waste collection coverage - national | No available data as of date | | |  |  | |
| Transport |  | Total length of roads | No computation done | Road length, total | | Tajikistan in figures report | Manual uploading | |
|  | Passenger volume by road transport | No computation done | Passenger transport demand: road transport | |
|  | Total length of railways | No computation done | Heavy railways – Route KM | | World Development Indicators | API available | |
|  | Passenger volume by railways | No computation done | Passenger transport demand: railway transport | |
|  | Total length of mass rapid transit (MRT) network | No available data as of date | | |  |  | |
|  | Passenger volume by MRT | No available data as of date | | |
|  | Percent of four-wheelers registered | No available data as of date | | |
|  | Percent of buses registered | No available data as of date | | |
|  | Annual passenger volume per capita | Computed as the total of passenger road, railway and metro transport demand divided by total population |  | | Tajikistan in figures report | Manual uploading | |
|  | Total length of bus rapid transit (BRT) network | No available data as of date | | |  |  | |
|  | Rapid transit to resident ratio for BRT network | No available data as of date | | |
|  | Total length of light railway transit (LRT) network | No available data as of date | | |
|  | Rapid transit to resident ratio for LRT network | No available data as of date | | |
|  | Total length of metro network | No available data as of date | | |
|  | Rapid transit to resident ratio for metro network | No available data as of date | | |
| Energy |  | Electricity production | No computation done | Electricity production | | ADB Key Indicators | API available | |
|  | Electricity consumption | No computation done | Electricity consumption | |
|  | Proportion of population with access to electricity- national | No computation done | Access to electricity (% of population) | | World Development Indicators | API available | |
|  | Proportion of population with access to electricity - urban | No computation done | Access to electricity, urban (% of urban population) | |
|  | Time required to get electricity connection | No computation done | Time required to get electricity (days) | |
|  | Output of renewable energy | No computation done | Renewable electricity output (% of total electricity output) | |
|  | Renewable energy consumption | No computation done | Renewable energy consumption (% of total final energy consumption) | |
|  | Tariff for per unit electricity consumption for household use | No available data as of date | | |  |  | |
|  | Tariff for per unit electricity consumption for non-household use | No available data as of date | | |
| Information and Communication Technology |  | Commercial service exports of computers, communications, and other services | No computation done | Computer, communications and other services (% of commercial service exports) | | World Development Indicators | API available | |
|  | Commercial service imports of computers, communications, and other services | No computation done | Computer, communications and other services (% of commercial service imports) | |
|  | Fixed broadband subscriptions | No computation done | Fixed broadband subscriptions | |
|  | Export of information and communication technology goods | No computation done | ICT goods exports (% of total goods exports) | |
|  | Import of information and communication technology goods | No computation done | ICT goods imports (% total goods imports) | |
|  | Information and communication technology service exports | No computation done | ICT service exports (BoP, current US$) | |
|  | Individuals using the internet | No computation done | Individuals using the Internet (% of population) | |
|  | Secure internet servers | No computation done | Secure Internet servers | |
|  | Investment in ICT with private participation | No computation done | Investment in ICT with private participation (current US$) | |
|  | Public private partnerships investment in ICT | No available data as of date | | |
|  | Mobile cellular subscriptions | No computation done | Mobile cellular subscriptions | |

## Turkmenistan

| **Theme** | **No** | **Indicator Name** | **Computation Methodology** | **Actual Data Points Based on Source** | | **Data Source** | **Data sourcing strategy** | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Demographic indicators |  | Total area | No computation done | Land area | | World Development Indicators | | API available |
|  | Total population | No computation done | Population, total | |
|  | Annual growth rate of population | Population for current year minus population from previous year over previous year’s population |  | |
|  | Urban Area | No available data as of date | | |
|  | Urban population | No computation done | Urban population | |
|  | Annual growth rate of urban population | Urban population for current year minus population from previous year over previous year’s urban population |  | |
|  | Gross population density | Population, total / Land Area |  | |
|  | Population density in urban areas | No available data as of date | | |
|  | Population within ages 0-14 | Population ages 0-14 /Population, total |  | |
|  | Population within ages 15-64 | Population ages 15-64 / Population, total |  | |
|  | Population within ages 65 and above | Population ages 65 and above / Population, total |  | |
|  | Female ratio | Population, female / (Population, male \* 1,000) |  | |
| Socio-economic indicators |  | Gross domestic product (GDP) | GDP (current US$) / 1,000,000 |  | | World Development Indicators | API available | |
|  | GDP per capita | GDP (current US$) / Population, total |  | |
|  | Gross national income (GNI) | GNI (current US$) / 1,000,000 |  | |
|  | GNI per capita | GNI (current US$)/ Population, total |  | |
|  | Labour force participation rate- male | No computation done | Labor force participation rate, male | |
|  | Labour force participation rate- female | No computation done | Labor force participation rate, female | |
|  | Percent of population in formal employment | Labor Force: Employed / Total labor force |  | |
|  | Unemployment rate | Unemployment, total / Population, total |  | |
|  | Annual household income per capita | No available data as of date | | |  |  | |
|  | GINI coefficient | No available data as of date | | |
|  | Population below national poverty line | No available data as of date | | |
| Water Supply |  | Percent of population connected to improved drinking water source - national | No computation done | Drinking water facility type: Non-piped improved; Residence type: Total | | WHO – UNICEF Joint Monitoring Programme | Manual uploading, API to be requested from WHO-UNICEF Joint Monitoring Programme | |
|  | Percent of population connected to improved drinking water source - urban | No computation done | Drinking water facility type: Non-piped improved; Residence type: Urban | |
|  | Percent of population connected to improved piped drinking water source - national | No computation done | Drinking water facility type: Piped improved; Residence type: Total | |
|  | Percent of population connected to improved piped drinking water source – urban | No computation done | Drinking water facility type: Piped improved; Residence type: Urban | |
|  | Daily water production | No available data as of date | | |  |  | |
|  | Daily water consumption | No available data as of date | | |
|  | Per capital daily household level water use | No available data as of date | | |
|  | Non-revenue water | No available data as of date | | |
|  | Water tariff for household metered connections | No available data as of date | | |
|  | Water tariff for household non-metered connections | No available data as of date | | |
|  | Water tariff for non-household connections | No available data as of date | | |
|  | Percent of population with safely managed drinking water - national | No computation done | Population using safely managed drinking water - national | | WHO – UNICEF Joint Monitoring Programme | Manual uploading, API to be requested from WHO-UNICEF Joint Monitoring Programme | |
|  | Percent of population with safely managed drinking water - urban | No computation done | Population using safely managed drinking water - urban | |
| Sanitation |  | Percent of population connected to sewer network - national | No computation done | Sanitation facility type: Sewer; Residence type: Total | | WHO – UNICEF Joint Monitoring Programme | Manual uploading, API to be requested from WHO-UNICEF Joint Monitoring Programme | |
|  | Percent of population connected to sewer network - urban | No computation done | Sanitation facility type: Sewer; Residence type: Urban | |
|  | Percent of population connected to septic tank - national | No computation done | Sanitation facility type: Septic; Residence type: Total | |
|  | Percent of population connected to septic tank - urban | No computation done | Sanitation facility type: Septic; Residence type: Urban | |
|  | Percent of population connected to improved latrine and others - national | No computation done | Sanitation facility type: Improved latrine and other; Residence type: Total | |
|  | Percent of population connected to improved latrine and others - urban | No computation done | Sanitation facility type: Improved latrine and other; Residence type: Urban | |
|  | Percent of population for which wastewater is treated through sewage treatment facility - national | No available data as of date | | |  |  | |
|  | Percent of population for which wastewater is treated through sewage treatment facility - urban | No available data as of date | | |
|  | Percent of population for which wastewater is treated through faecal sludge management - national | No available data as of date | | |
|  | Percent of population for which wastewater is treated through faecal sludge management - urban | No available data as of date | | |
|  | Percent of population for which wastewater is treated through insitu disposal - national | No available data as of date | | |
|  | Percent of population for which wastewater is treated through insitu disposal – urban | No available data as of date | | |
|  | Percent of population with safely managed sanitation - national | No available data as of date | | |
|  | Percent of population with safely managed sanitation - urban | No available data as of date | | |
| Solid Waste Management |  | Waste generation per capita | No computation done | | Waste generation per capita | Waste Atlas | Manual uploading | |
|  | Environmental stress | No computation done | | Environmental stress |
|  | Percent of organic waste | No computation done | | MSW Composition: Organic (%) | World Bank, What A Waste Global Database | Manual uploading  (until API has been developed) | |
|  | Percent of plastic waste | No computation done | | MSW Composition: Plastic (%) |
|  | Percent of waste going to landfill | No available data as of date | | |  |  | |
|  | Total waste generation | Total municipal solid waste generated converted to thousand tonnes / year | |  | World Bank, What A Waste Global Database | Manual uploading  (until API has been developed) | |
|  | Waste collection coverage - national | No available data as of date | | |  |  | |
| Transport |  | Total length of roads | No computation done | Road length, total | | ADB Asian Transport Outlook | Manual uploading, API may be requested | |
|  | Passenger volume by road transport | No computation done | Passenger transport demand: road transport | |
|  | Total length of railways | No computation done | Heavy railways – Route KM | |
|  | Passenger volume by railways | No computation done | Passenger transport demand: railway transport | |
|  | Total length of mass rapid transit (MRT) network | No available data as of date | | |  |  | |
|  | Passenger volume by MRT | No available data as of date | | |
|  | Percent of four-wheelers registered | No available data as of date | | |
|  | Percent of buses registered | No available data as of date | | |
|  | Annual passenger volume per capita |  | | |
|  | Total length of bus rapid transit (BRT) network | No available data as of date | | |
|  | Rapid transit to resident ratio for BRT network | No available data as of date | | |
|  | Total length of light railway transit (LRT) network | No available data as of date | | |
|  | Rapid transit to resident ratio for LRT network | No available data as of date | | |
|  | Total length of metro network | No available data as of date | | |
|  | Rapid transit to resident ratio for metro network | No available data as of date | | |
| Energy |  | Electricity production | No computation done | Electricity production | | ADB Key Indicators | API available | |
|  | Electricity consumption | No computation done | Electricity consumption | |
|  | Proportion of population with access to electricity- national | No computation done | Access to electricity (% of population) | | World Development Indicators | API available | |
|  | Proportion of population with access to electricity - urban | No computation done | Access to electricity, urban (% of urban population) | |
|  | Time required to get electricity connection | No computation done | Time required to get electricity (days) | |
|  | Output of renewable energy | No computation done | Renewable electricity output (% of total electricity output) | |
|  | Renewable energy consumption | No computation done | Renewable energy consumption (% of total final energy consumption) | |
|  | Tariff for per unit electricity consumption for household use | No available data as of date | | |  |  | |
|  | Tariff for per unit electricity consumption for non-household use | No available data as of date | | |
| Information and Communication Technology |  | Commercial service exports of computers, communications, and other services | No available data as of date | | |  |  | |
|  | Commercial service imports of computers, communications, and other services | No available data as of date | | |
|  | Fixed broadband subscriptions | No computation done | Fixed broadband subscriptions | | World Development Indicators | API available | |
|  | Export of information and communication technology goods | No computation done | ICT goods exports (% of total goods exports) | |
|  | Import of information and communication technology goods | No computation done | ICT goods imports (% total goods imports) | |
|  | Information and communication technology service exports | No available data as of date | | |  |  | |
|  | Individuals using the internet | No computation done | Individuals using the Internet (% of population) | | World Development Indicators | API available | |
|  | Secure internet servers | No computation done | Secure Internet servers | |
|  | Investment in ICT with private participation | No available data as of date | | |  |  | |
|  | Public private partnerships investment in ICT | No available data as of date | | |
|  | Mobile cellular subscriptions | No computation done | Mobile cellular subscriptions | | World Development Indicators | API available | |

## Uzbekistan

| **Theme** | **No** | **Indicator Name** | **Computation Methodology** | **Actual Data Points Based on Source** | **Data Source** | **Data sourcing strategy** | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Demographic indicators |  | Total area | No computation done | Land area | World Development Indicators | | API available |
|  | Total population | No computation done | Population, total |
|  | Annual growth rate of population | Population for current year minus population from previous year over previous year’s population |  |
|  | Urban Area | No available data as of date | |
|  | Urban population | No computation done | Urban population |
|  | Annual growth rate of urban population | Urban population for current year minus population from previous year over previous year’s urban population |  |
|  | Gross population density | Population, total / Land Area |  |
|  | Population density in urban areas | No available data as of date | |
|  | Population within ages 0-14 | Population ages 0-14 /Population, total |  |
|  | Population within ages 15-64 | Population ages 15-64 / Population, total |  |
|  | Population within ages 65 and above | Population ages 65 and above / Population, total |  |
|  | Female ratio | Population, female / (Population, male \* 1,000) |  |
| Socio-economic indicators |  | Gross domestic product (GDP) | GDP (current US$) / 1,000,000 |  | World Development Indicators | API available | |
|  | GDP per capita | GDP (current US$) / Population, total |  |
|  | Gross national income (GNI) | GNI (current US$) / 1,000,000 |  |
|  | GNI per capita | GNI (current US$)/ Population, total |  |
|  | Labour force participation rate- male | No computation done | Labor force participation rate, male |
|  | Labour force participation rate- female | No computation done | Labor force participation rate, female |
|  | Percent of population in formal employment | Labor Force: Employed / Total labor force |  |
|  | Unemployment rate | Unemployment, total / Population, total |  |
|  | Annual household income per capita | No computation done | Household income per capita | CEIC Data | API available | |
|  | GINI coefficient | No computation done | GINI index (World Bank estimate) | World Development Indicators | API available | |
|  | Population below national poverty line | No computation done | Proportion of population living below the national poverty line | ADB Basic Statistics | Manual uploading  (until API has been developed) | |
| Water Supply |  | Percent of population connected to improved drinking water source - national | No computation done | Drinking water facility type: Non-piped improved; Residence type: Total | WHO – UNICEF Joint Monitoring Programme | Manual uploading, API to be requested from WHO-UNICEF Joint Monitoring Programme | |
|  | Percent of population connected to improved drinking water source - urban | No computation done | Drinking water facility type: Non-piped improved; Residence type: Urban |
|  | Percent of population connected to improved piped drinking water source - national | No computation done | Drinking water facility type: Piped improved; Residence type: Total |
|  | Percent of population connected to improved piped drinking water source – urban | No computation done | Drinking water facility type: Piped improved; Residence type: Urban |
|  | Daily water production | Water production (liters/ person/day) \* total population converted to million liters/day |  | IB-Net | API Available | |
|  | Daily water consumption | Total water consumption (liters/ person/day) \* total population converted to million liters/day |  |
|  | Per capital daily household level water use | No computation done | Residential consumption (liters/person/day) |
|  | Non-revenue water | No computation done | Non-revenue water |
|  | Water tariff for household metered connections | No available data as of date | |  |  | |
|  | Water tariff for household non-metered connections | No available data as of date | |
|  | Water tariff for non-household connections | No available data as of date | |
|  | Percent of population with safely managed drinking water - national | No computation done | Population using safely managed drinking water - national | WHO – UNICEF Joint Monitoring Programme | Manual uploading, API to be requested from WHO-UNICEF Joint Monitoring Programme | |
|  | Percent of population with safely managed drinking water - urban | No computation done | Population using safely managed drinking water - urban |
| Sanitation |  | Percent of population connected to sewer network - national | No computation done | Sanitation facility type: Sewer; Residence type: Total | WHO – UNICEF Joint Monitoring Programme | Manual uploading, API to be requested from WHO-UNICEF Joint Monitoring Programme | |
|  | Percent of population connected to sewer network - urban | No computation done | Sanitation facility type: Sewer; Residence type: Urban |
|  | Percent of population connected to septic tank - national | No computation done | Sanitation facility type: Septic; Residence type: Total |
|  | Percent of population connected to septic tank - urban | No computation done | Sanitation facility type: Septic; Residence type: Urban |
|  | Percent of population connected to improved latrine and others - national | No computation done | Sanitation facility type: Improved latrine and other; Residence type: Total |
|  | Percent of population connected to improved latrine and others - urban | No computation done | Sanitation facility type: Improved latrine and other; Residence type: Urban |
|  | Percent of population for which wastewater is treated through sewage treatment facility - national | No computation done | Treatment of Wastewater: At wastewater treatment plant; Setting: national |
|  | Percent of population for which wastewater is treated through sewage treatment facility - urban | No computation done | Treatment of Wastewater: At wastewater treatment plant; Setting: urban |
|  | Percent of population for which wastewater is treated through faecal sludge management - national | No computation done | Treatment of Wastewater: At faecal sludge treatment plant; Setting: national |
|  | Percent of population for which wastewater is treated through faecal sludge management - urban | No computation done | Treatment of Wastewater: At faecal sludge treatment plant; Setting: urban |
|  | Percent of population for which wastewater is treated through insitu disposal - national | No computation done | Population using improved sanitation facilities (excluding shared): Disposed of in situ, National |
|  | Percent of population for which wastewater is treated through insitu disposal – urban | No computation done | Population using improved sanitation facilities (excluding shared): Disposed of in situ, Urban |
|  | Percent of population with safely managed sanitation - national | No computation done | Population using safely managed sanitation - national |
|  | Percent of population with safely managed sanitation - urban | No computation done | Population using safely managed sanitation - urban |
| Solid Waste Management |  | Waste generation per capita | No computation done | Waste generation per capita | Waste Atlas | Manual uploading | |
|  | Environmental stress | No computation done | Environmental stress |
|  | Percent of organic waste | No computation done | MSW Composition: Organic (%) | World Bank, What A Waste Global Database | Manual uploading  (until API has been developed) | |
|  | Percent of plastic waste | No computation done | MSW Composition: Plastic (%) |
|  | Percent of waste going to landfill | No available data as of date | |  |  | |
|  | Total waste generation | Total municipal solid waste generated converted to thousand tonnes / year |  | World Bank, What A Waste Global Database | Manual uploading  (until API has been developed) | |
|  | Waste collection coverage - national | No available data as of date | |  |  | |
| Transport |  | Total length of roads | No computation done | Road length, total | The State Committee of the Republic of Uzbekistan on Statistics | Manual uploading. | |
|  | Passenger volume by road transport | No computation done | Passenger transport demand: road transport |
|  | Total length of railways | No computation done | Heavy railways – Route KM | World Development Indicators | API Available | |
|  | Passenger volume by railways | No computation done | Passenger transport demand: railway transport |
|  | Total length of mass rapid transit (MRT) network | No computation done | Length of all rapid transit | Institute for Transportation & Development Rapid Transit Database | Manual uploading | |
|  | Passenger volume by MRT | No available data as of date | |  |  | |
|  | Percent of four-wheelers registered | No available data as of date | |
|  | Percent of buses registered | No available data as of date | |
|  | Annual passenger volume per capita | Computed as the total of passenger road, railway and metro transport demand divided by total population |  | The State Committee of the Republic of Uzbekistan on Statistics | Manual uploading. | |
|  | Total length of bus rapid transit (BRT) network | No available data as of date | |  |  | |
|  | Rapid transit to resident ratio for BRT network | No available data as of date | |
|  | Total length of light railway transit (LRT) network | No available data as of date | |
|  | Rapid transit to resident ratio for LRT network | No available data as of date | |  |  | |
|  | Total length of metro network | No computation done | Length of metro | Institute for Transportation & Development Rapid Transit Database | Manual uploading | |
|  | Rapid transit to resident ratio for metro network | No computation done | Rapid transit to resident ratio for metro |
| Energy |  | Electricity production | No computation done | Electricity production | ADB Key Indicators | API available | |
|  | Electricity consumption | No computation done | Electricity consumption |
|  | Proportion of population with access to electricity- national | No computation done | Access to electricity (% of population) | World Development Indicators | API available | |
|  | Proportion of population with access to electricity - urban | No computation done | Access to electricity, urban (% of urban population) |
|  | Time required to get electricity connection | No computation done | Time required to get electricity (days) |
|  | Output of renewable energy | No computation done | Renewable electricity output (% of total electricity output) |
|  | Renewable energy consumption | No computation done | Renewable energy consumption (% of total final energy consumption) |
|  | Tariff for per unit electricity consumption for household use | Average of electricity tariff per household/ residential group, converted to US dollars |  | Uzbekenergo | Manual uploading | |
|  | Tariff for per unit electricity consumption for non-household use | Average of electricity tariff per industrial group, converted to US dollars |  |
| Information and Communication Technology |  | Commercial service exports of computers, communications, and other services | No computation done | Computer, communications and other services (% of commercial service exports) | World Development Indicators | API available | |
|  | Commercial service imports of computers, communications, and other services | No computation done | Computer, communications and other services (% of commercial service imports) |
|  | Fixed broadband subscriptions | No computation done | Fixed broadband subscriptions |
|  | Export of information and communication technology goods | No computation done | ICT goods exports (% of total goods exports) |
|  | Import of information and communication technology goods | No computation done | ICT goods imports (% total goods imports) |
|  | Information and communication technology service exports | No computation done | ICT service exports (BoP, current US$) |
|  | Individuals using the internet | No computation done | Individuals using the Internet (% of population) |
|  | Secure internet servers | No computation done | Secure Internet servers |
|  | Investment in ICT with private participation | No available data as of date | |  |  | |
|  | Public private partnerships investment in ICT | No available data as of date | |  |  | |
|  | Mobile cellular subscriptions | No computation done | Mobile cellular subscriptions | World Development Indicators | API available | |