



UI GreenMetric Questionnaire

University : Baku State University
Country : Azerbaijan
Web Address : <https://bdu.info.az/en>
SDG focused Web Adress: <https://sdg.bsu.edu.az/>

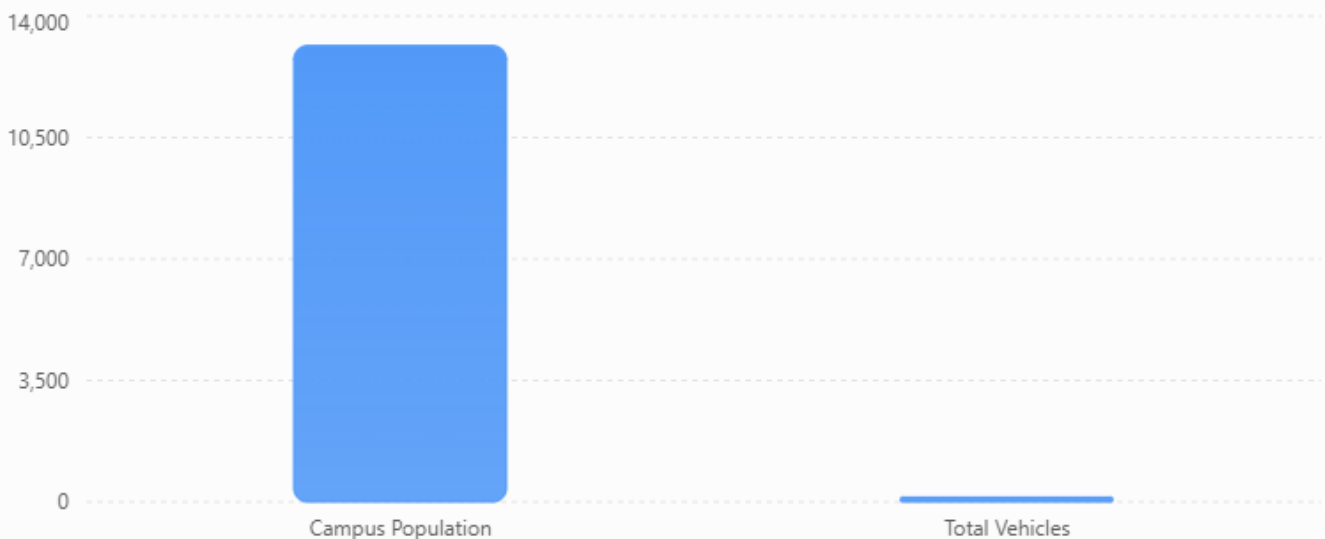
[5] Transportation (TR)

[5.4] The total number of vehicles (cars and motorcycles) divided by total campus' Population (TR.1)

Indicator	Value
Number of university-owned/managed cars	7
Number of cars entering university daily	121
Number of motorcycles entering university daily	15
Total combustion-engine vehicles entering daily	136
Total regular students (full-time + part-time)	12,125
Total academic & administrative staff	1,023
Total campus population	13,148
Vehicle-to-campus population ratio	0.0103

Campus Population vs Vehicle Count

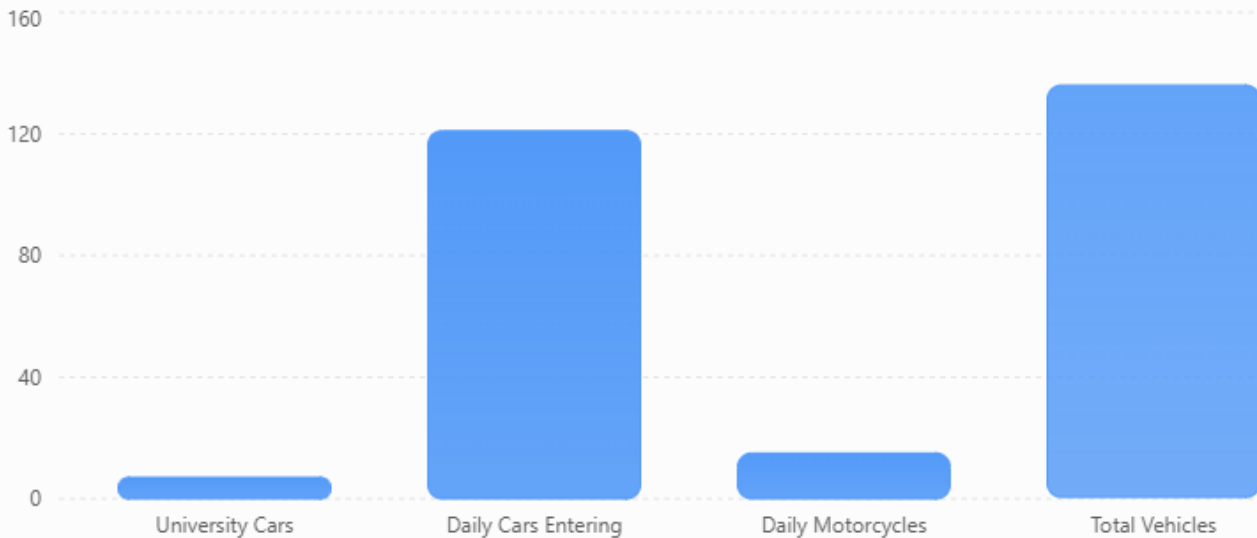
Comparison between total campus population and combustion-engine vehicles entering campus.





Daily Vehicle Traffic on Campus

Comparison of university managed and daily incoming combustion-engine vehicles.



Description:

The ratio of vehicles (cars and motorcycles) to the total campus population at Baku State University (BSU) is calculated as 0.0103. This relatively low ratio reflects the university's commitment to limiting the use of conventional fuel-based transportation and promoting environmentally sustainable mobility solutions.

BSU has developed and implemented a comprehensive transportation management framework aimed at ensuring safety, operational efficiency, and environmental sustainability across the campus. University-managed vehicles are primarily allocated for administrative and operational functions, while all private cars and motorcycles entering the campus are subject to systematic monitoring and control mechanisms. These measures contribute to traffic regulation, accident prevention, and the maintenance of a secure campus environment.

To enhance sustainable mobility, BSU actively promotes the use of alternative, low-emission transportation modes. In particular, students are provided with access to electric bicycles and electric scooters, which facilitate efficient short-distance travel within the campus while minimizing carbon emissions. This initiative aligns with global sustainability goals and supports the reduction of the university's overall environmental footprint.

In addition, the university ensures the effective management of logistical operations through the regulated use of delivery vehicles. A dedicated mini car is also available to support internal transportation and administrative tasks, thereby increasing institutional efficiency without significantly impacting environmental sustainability.



Furthermore, BSU encourages a shift toward environmentally responsible transportation behaviors by raising awareness among students and staff about sustainable mobility practices. The university also considers future improvements, including the expansion of electric mobility infrastructure and the potential introduction of campus shuttle services based on clean energy sources.

Overall, BSU's transportation policy reflects an integrated approach that balances operational needs with environmental responsibility, contributing to the university's broader sustainability strategy in line with international frameworks such as UI GreenMetric.

Additional evidence link (i.e., for videos, more images, or other files that are not included in this file):

Within the framework of its Climate Action Policy, Baku State University (BSU) identifies sustainable transportation as a key priority area in reducing greenhouse gas emissions and promoting a low-carbon campus environment. The University actively supports the transition towards environmentally friendly mobility solutions and aims to minimize reliance on private vehicles.

Key transport-related measures include:

- Gradual replacement of conventional service vehicles with hybrid vehicles
- Expansion of electric vehicle (EV) charging infrastructure on campus
- Promotion of bicycle usage and development of related infrastructure
- Encouragement of public transport use and carpooling practices among students and staff

As a result of these initiatives, BSU has contributed to the reduction of Scope 3 emissions, particularly those associated with transportation activities.

In line with its long-term sustainability strategy, the University aims for at least 40% of students and staff to use sustainable transport modes by 2030.

For more details please see:

- ❖ <https://sdg.bsu.edu.az/climate-action-policy>

As part of its carbon management and energy efficiency strategy, Baku State University (BSU) actively promotes sustainable transportation to reduce greenhouse gas emissions and improve overall campus sustainability.

The university integrates transportation into its carbon footprint assessment, recognizing mobility-related emissions as a key component of Scope 3 emissions. To address this, BSU encourages the use of public transport, cycling, and electric vehicles among students and staff. Key measures include the installation of electric vehicle (EV) charging stations, support for low-emission mobility options, and awareness initiatives aimed at promoting environmentally responsible commuting behavior.

Through these efforts, BSU contributes to reducing transport-related carbon emissions while supporting its broader goal of achieving carbon neutrality by 2030.

For more details please see:



**BAKU
STATE
UNIVERSITY**



- ❖ <https://sdg.bsu.edu.az/news/carbon-management-and-energy-efficiency-at-baku-state-university>

Baku State University provides transportation-related support measures as part of its broader social assistance framework. In cooperation with local authorities, the university facilitates discounted or free public transportation access for students from low-income and vulnerable backgrounds. This initiative contributes to equitable access to education while simultaneously encouraging the use of public transport, thereby supporting sustainable mobility and reducing reliance on private vehicles.

For more details please see:

- ❖ <https://sdg.bsu.edu.az/news/baku-state-university-expands-financial-aid-opportunities-for-students>

Baku State University has established dedicated lanes for bicycles and small electric vehicles at the main campus entrance in order to support sustainable and low-emission transportation. Implemented in line with Azerbaijan's 2025–2030 transport infrastructure development program initiated by Ilham Aliyev, the initiative promotes micromobility solutions such as bicycles and electric scooters for short-distance travel.

The project aims to reduce dependence on private vehicles, alleviate traffic congestion, and improve environmentally friendly urban mobility. In addition, dedicated bicycle parking facilities have been installed to support safe and organized use of micromobility transport on campus.

This initiative contributes to BSU's broader sustainability and climate action objectives by encouraging cleaner and more sustainable transportation practices.

For more details please see:

- ❖ <https://sdg.bsu.edu.az/news/dedicated-lanes-for-bicycles-and-small-electric-vehicles-at-the-main-entrance-of-bsu>

Baku State University (BSU), together with partner universities from Türkiye, Uzbekistan, and Kyrgyzstan, co-organized an international conference in Izmir focused on the conservation of Eurasian biodiversity, with 110 scientific presentations from four countries.

The event included international academic participation and knowledge exchange on ecosystem protection, biodiversity monitoring, and environmental sustainability, reflecting BSU's active role in cross-border scientific collaboration and academic mobility.

For more details please see:

- ❖ [https://sdg.bsu.edu.az/news/with-the-co-organization-of-baku-state-university-\(bsu\)-the-ii-international-conference-on-conservation-of-eurasian-biodiversity-was-held-in-izmir](https://sdg.bsu.edu.az/news/with-the-co-organization-of-baku-state-university-(bsu)-the-ii-international-conference-on-conservation-of-eurasian-biodiversity-was-held-in-izmir)



**BAKU
STATE
UNIVERSITY**



Baku State University (BSU), in cooperation with the State Agency for Renewable Energy Sources under the Ministry of Energy, organized an informative meeting on renewable energy projects, focusing on wind, solar, and alternative energy development in Azerbaijan.

The event increased student awareness of green energy technologies, sustainable infrastructure, and future low-carbon development strategies, while encouraging participation in internships and practical training related to renewable energy systems.

For more details please see:

- ❖ <https://sdg.bsu.edu.az/news/informative-meeting-on-renewable-energy-projects-and-future-perspectives>

Baku State University (BSU) is participating in Baku Energy Week, which brings together three major international forums in the energy sector. Within the “Smart Energy Hub” startup zone, 10 innovative projects from local and international participants were presented.

At the BSU stand, the university showcased its on-campus electric vehicle charging station powered by solar and wind energy. The station supports fast charging under CCS2 and GBT standards and is expected to extend its services in the future to electric bicycles and scooters used by students.

For more details please see:

- ❖ <https://sdg.bsu.edu.az/news/bsu-represented-at-baku-energy-week>

Baku State University hosted an information session on sustainable urban mobility in cooperation with Azerbaijan Urban Transport Agency (AYNA). The event focused on ongoing and planned micromobility initiatives in Baku, including the expansion of bicycle and electric micro-vehicle infrastructure.

During the session, participants were informed about measures aimed at reducing traffic congestion, improving environmental conditions, and promoting safer mobility systems for cyclists and electric vehicle users. It was noted that micromobility lanes have already been established on numerous streets in Baku, with further expansion planned.

For more details please see:

- ❖ <https://sdg.bsu.edu.az/news/ayna-holds-info-session-on-sustainable-urban-mobility-at-bsu>

Baku State University (BSU) is strengthening its sustainability efforts by expanding low-carbon energy monitoring, installing renewable energy infrastructure, and increasing campus energy efficiency under its 2023–2030 Climate Action Plan.

The initiative includes solar-wind hybrid charging stations, rooftop solar panels, smart energy monitoring, and annual energy audits, contributing to reduced carbon emissions and supporting sustainable campus operations and green transportation infrastructure.



**BAKU
STATE
UNIVERSITY**



The event also included interactive discussions with students and a bicycle tour on the BSU campus, encouraging practical engagement with sustainable transportation concepts and environmentally friendly mobility practices.

For more details please see:

- ❖ <https://sdg.bsu.edu.az/news/baku-state-university-advances-sustainability-expands-low-carbon-energy-monitoring-across-campus>

Baku State University organized a scientific seminar dedicated to the application of hybrid energy systems in smart transport technologies. The seminar focused on the use of triboelectric nanogenerators (TENGs) as innovative energy sources and self-powered sensors for transportation infrastructure.

The presented research highlighted the potential of hybrid energy systems to support sustainable and intelligent transport solutions through energy-efficient technologies and advanced sensing applications for highway electronic systems.

This initiative reflects BSU's commitment to promoting scientific research and innovation in sustainable transportation, clean energy technologies, and environmentally responsible infrastructure development.

For more details please see:

- ❖ <https://sdg.bsu.edu.az/news/bdu-da-hibrid-enerji-sistemlerinin-agilli-neqliyyat-texnologiyasina-tetbiqine-dair-elmi-seminar>





**BAKU
STATE
UNIVERSITY**





**BAKU
STATE
UNIVERSITY**





**BAKU
STATE
UNIVERSITY**





**BAKU
STATE
UNIVERSITY**

