

Government of the people's Republic of Bangladesh  
Ministry of Road Transport and Bridges  
Roads Transport and Highway Division  
Roads and Highways Division



User Manual of Web Dashboard for Traffic Survey Report

**HDM Circle**

May 2024



<https://gis.rhd.gov.bd/trafficsurvey>



# Dashboard of Traffic Survey

Dashboard

Menus

**Report**  
1<sup>st</sup> & 2<sup>nd</sup> 24 hours   
Go to 

**Summary**  
Report   
Go to 

**Data**  
Update   
Go to 

Reports Link

Data Update Link

Traffic Survey App Link  
in Google Play Store



# Reports

The screenshot illustrates the user interface for generating traffic reports. It is divided into two main sections: the Dashboard and the Traffic Report form.

**Dashboard:** Located at the top, it features three primary navigation cards: **Report** (teal), **Summary** (red), and **Data** (green). The **Report** card includes a bar chart icon and the text "1st & 2nd 24 hours". A purple hand icon points to the "Go to" button on the **Report** card. A blue arrow points from this button down to the Traffic Report form.

**Traffic Report Form:** This section is titled "Traffic Report" and contains a sub-header "Traffic Report (1st 24 hours / 2nd 24 hours / 48 hours)". It includes several input fields for filtering the report:

- Survey Year:** A dropdown menu labeled "Select a Year".
- Zone:** A dropdown menu labeled "Select a Zone".
- Circle:** A dropdown menu labeled "Select a Circle".
- Division:** A dropdown menu labeled "Select a Division".
- Road No.:** A dropdown menu labeled "Select a Road No.". This field is marked as mandatory with a red asterisk.
- Road Link:** A dropdown menu labeled "Select a Road Link".
- Hour:** A dropdown menu labeled "Select a Report Type" with a close button (x).
- Report View As:** A dropdown menu currently set to "PDF".

A teal **Generate** button with a magnifying glass icon is positioned at the bottom right of the form.

To generate traffic reports, the following steps and requirements must be followed as illustrated in the image:

## 1. Mandatory Fields:

1. **Survey Year:** You must select the year in which the survey data was collected.
2. **Road No.:** Choose the specific road number for which the report is required.
3. **Road Link:** Specify the road link to ensure accurate reporting.
4. **Hour:** Select the report type, such as 1st 24 hours, 2nd 24 hours, or 48 hours.

## 2. Optional Fields:

1. **Zone:** You can filter the report by selecting a zone.
2. **Circle:** Specify the circle for additional refinement.
3. **Division:** Narrow the report scope by selecting a division.

## 3. Report Format:

1. Choose how the report should be viewed under "Report View As" (e.g., PDF, Excel).

## 4. Generate Report:

1. Once the required fields are filled, click on the **Generate** button to create the report. The report will display the traffic data for the selected time period (1st 24 hours, 2nd 24 hours, or 48 hours).

This interface is designed to help users generate detailed traffic reports efficiently for specific roads and time frames.

# Sample Report View



Roads and Highways Department

Sarak Bhaban, Tejgaon, Dhaka-1208

Email: eedb@rhd.gov.bd

Report View Controls

Download Link

Print Report

## Traffic Count Tally Sheet (48 hours) - Road No#N101 - Road Link#N101-1

Survey Schedule: 30-Oct-2024 03:52 PM to 01-Nov-2024 03:52 PM

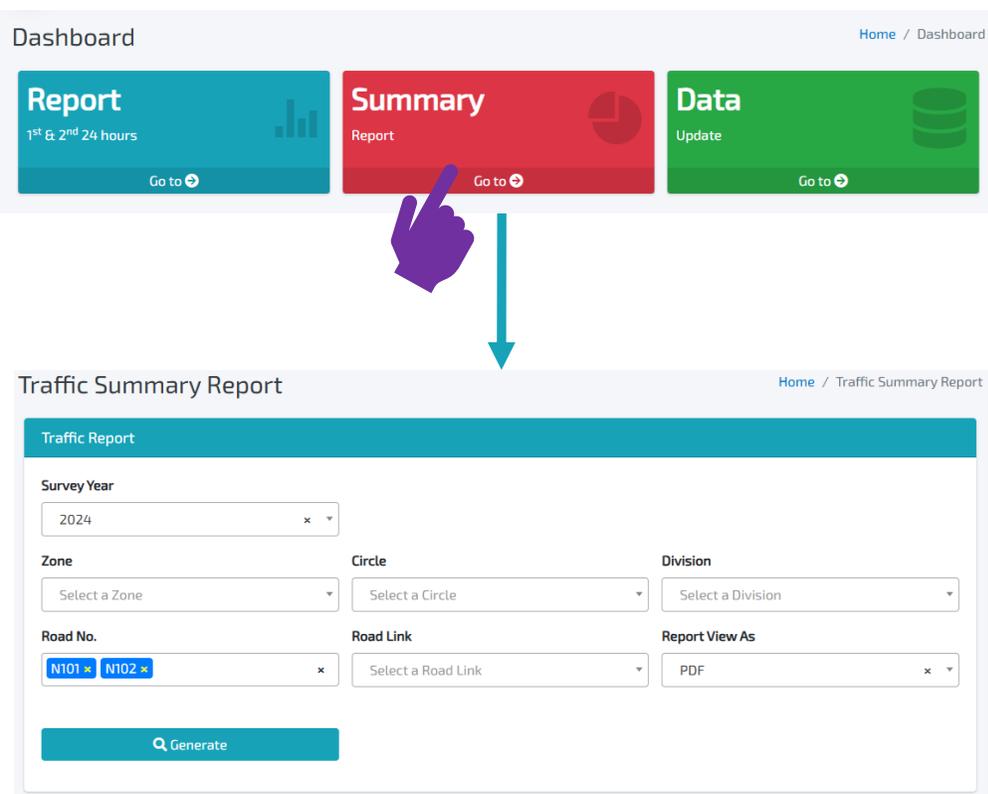
Survey Year:	2024	Zone:	Cumilla	Circle:	Cumilla	Division:	Cumilla	Motorized						Non-Motorized			Total		
Sl.	Date	Hour	Truck			Bus			Utility	Car	Auto Rickshaw	Motor Cycle	Bicycle	Rickshaw	Cart	*MT	*NMT	*TDT	
			Heavy	Medium	Small	Large	Medium	Micro											
Road No.	N101 - Cumilla - Bibirbazar Land Port Connecting Road																		
1	30-Oct-2024	15:00-16:00	0	5	0	0	5	0	0	5	0	5	0	0	0	20	0	20	

\*MT = Motorized Total

\*NMT = Non-Motorized Total

\*TDT = Total Daily Traffic

# Summary Report



The image shows a dashboard with three main sections: 'Report' (1st & 2nd 24 hours), 'Summary Report', and 'Data' (Update). A hand icon points to the 'Summary Report' button, with an arrow indicating the flow to the 'Traffic Summary Report' form. The form includes fields for Survey Year (2024), Zone, Circle, Division, Road No. (N101, N102), Road Link, and Report View As (PDF), along with a 'Generate' button.

Dashboard

Home / Dashboard

Report  
1st & 2nd 24 hours  
Go to

Summary  
Report  
Go to

Data  
Update  
Go to

Traffic Summary Report

Home / Traffic Summary Report

Traffic Report

Survey Year  
2024

Zone  
Select a Zone

Circle  
Select a Circle

Division  
Select a Division

Road No.  
N101 N102

Road Link  
Select a Road Link

Report View As  
PDF

Generate

To generate a **Traffic Summary Report**, follow the steps outlined in the interface as shown in the image:

## Mandatory Fields:

### 1.Survey Year:

1. Specify the year of the survey. For example, in the image, the year is set to **2024**.

### 2.Road No.:

1. Select one or more road numbers. Multiple selection is supported, allowing you to include multiple roads in the report. For instance, the roads **N101** and **N102** are selected.

**Optional Fields:** Zone, Circle, Division , Road Link

## Report View As:

- Select the report format. For example, PDF/ Excel

## Generate the Report:

- Once the required fields (**Survey Year** and **Road No.**) are filled, click the **Generate** button to create the Traffic Summary Report.

## Key Feature:

- The ability to select multiple road numbers allows flexibility in generating reports for more than one road in a single session.

# Sample Summary Report View



Roads and Highways Department  
Sarak Bhaban, Tejgaon, Dhaka-1208  
Email: eedb@rhd.gov.bd

Report View Controls

Download Link

Print Report

## Traffic Summary Report, 2024

Survey Year:	2024																		
Zone:	Cumilla	Circle:	Cumilla	Division:	Cumilla														
Sl.	Link No	Link Name	Station Name	Motorized									Non-Motorized			Total			
				Truck			Bus			Utility	Car	Auto Rickshaw	Motor Cycle	Bicycle	Rickshaw	Cart	*MT	*NMT	*ADT
				Heavy	Medium	Small	Large	Medium	Micro										
Road No.	N101 - Cumilla - Bibirbazar Land Port Connecting Road																		
1	N101-1	Comilla (Balutopa)- Bibirbazar Land Port	TS-N101-1	0	2	0	0	2	0	0	2	0	2	0	0	0	8	0	8.00
Road No.	N102 - Cumilla (Mainamati)-Brahmanbaria (Sarail) Road																		
2	N102-1	Mainamati-Kangsanagar (Intersection with Z1219)	TS-N102-1	0	5	0	0	5	0	0	5	0	5	0	0	0	20	0	20.00

*\*MT = Motorized Total*  
*\*NMT = Non-Motorized Total*  
*\*ADT = Average Daily Traffic*

## Traffic Survey, RHD

Login to Data Update

# Login to Update Data

The interface allows authorized users to log in and update traffic survey data for the **Roads and Highways Department (RHD)**.

### Key Features:

#### 1.Login Credentials:

1. Users are required to provide:
  1. **Username:** Entered in the top input field (e.g., "eedb").
  2. **Password:** Entered in the password-protected field below (hidden for security).

#### 2.Sign In Button:

1. Clicking on the **Sign In** button submits the login credentials for authentication.

### Usage:

- This portal is intended for internal use by RHD personnel.
  - After successful login, users gain access to the data update section for maintaining and managing traffic survey records.
- Ensure that you have proper credentials before accessing this portal.

# Data Update

## Dashboard

To update data

To View Enumerators Login Status

**Report**  
1<sup>st</sup> & 2<sup>nd</sup> 24 hours 

Go to 

**Summary**  
Report 

Go to 

**Data**  
Update 

Go to 



# Data Update

## Dashboard Overview:

### 1. Main Navigation Menu:

1. **Dashboard:** Return to the homepage.
2. **Report:** Access reporting features (e.g., Traffic Reports).
3. **Data Update:** Navigate to the module for updating traffic data.
4. **Users:** View the login status of enumerators (field surveyors).
5. **Logout (eedb):** Log out of the system securely.

### 2. Dashboard Modules:

#### 1. Report (1st & 2nd 24 Hours):

1. Allows users to generate detailed traffic reports for specific timeframes (first 24 hours, second 24 hours).
2. Access this module by clicking **Go to →**.

#### 2. Summary Report:

1. Generate summarized traffic reports for selected parameters.
2. Click **Go to →** to access this feature.

#### 3. Data Update:

1. Purpose: Update traffic survey data in the system.
2. Click **Go to →** to open the data update module.

# Data Update

### Traffic Data Update

Survey Year:

Zone:  Circle:

Road No.:  Road Link:

Enumerator:  From Date:

- **Filter the Data:** Select the required fields in the filter section to narrow down the data you want to update.
- **Search for Data:** Click Search to retrieve the filtered results.
- **Update or Delete Records:** Use the Edit button to modify data in specific rows. Use the Delete button to remove data that is no longer required.

Total 161 record(s) found!

	GPS Position		Road No.	Road Link	Station Number	Chainage	Directions		Vehicle	Date Time	Enumerator	
	Latitude	Longitude					From Direction	To Direction				
<input type="button" value="Edit"/> <input type="button" value="Delete"/>	23.7643259	90.4085862	N103	N103-1	TS-N103-1	3	Ghaturia	Kuateli	Medium Truck	2024-11-07 15:25:38	user1	<input type="button" value="Edit"/> <input type="button" value="Delete"/>
<input type="button" value="Edit"/> <input type="button" value="Delete"/>	23.7643259	90.4085862	N103	N103-1	TS-N103-1	3	Ghaturia	Kuateli	Medium Bus	2024-11-07 15:25:39	user1	<input type="button" value="Edit"/> <input type="button" value="Delete"/>
<input type="button" value="Edit"/> <input type="button" value="Delete"/>	23.7643259	90.4085862	N103	N103-1	TS-N103-1	3	Ghaturia	Kuateli	Medium Bus	2024-11-07 15:25:39	user1	<input type="button" value="Edit"/> <input type="button" value="Delete"/>
<input type="button" value="Edit"/> <input type="button" value="Delete"/>	23.7643259	90.4085862	N103	N103-1	TS-N103-1	3	Ghaturia	Kuateli	Medium Truck	2024-11-07 15:25:40	user1	<input type="button" value="Edit"/> <input type="button" value="Delete"/>

# Data Update

Total 161 record(s) found!

To update data

Data detail view in popup.

## Add/ Update Traffic Survey Information

Station Number:

TS-N103-1

Chainage Information:

Start Chainage: 0 End Chainage: 4.779

Chainage:

3

From Direction:

Ghaturia

To Direction:

Kuatali

Vehicle:

Medium Truck

Survey Date Time:

2024-11-07 15:25:38

Enumerator:

user1

Close

Submit

To apply changes, click the Submit button.



# Users (Team Leaders & Enumerators)



Traffic Survey, RHD



Dashboard

Report ▾

Data Update

Users

(eedb) Logout

This page is specifically designed to manage enumerator sessions and provide administrators with the ability to log out enumerators from the system in specific scenarios. This functionality ensures that enumerators' accounts are secure and session activities are appropriately managed.

## Purpose of the Page:

The **Users** page is primarily used to:

### 1. Log Out Enumerators:

1. When an enumerator has **forgotten to log out** from the app after completing their task.
2. In case of **system or session irregularities**, where manual intervention is needed to terminate the session.

### 2. Manage Active and Inactive Sessions:

1. The **Status** column indicates whether an enumerator is currently logged in or logged out, enabling administrators to take action as required.

# Users (Team Leaders & Enumerators)



Traffic Survey, RHD



Dashboard

Report ▾

Data Update

Users

(eedb) Logout

## How to Use This Page:

### 1. Identify the Enumerator:

1. Use the **Search** bar at the top right of the table to quickly locate a specific user by their **User ID**.
2. Alternatively, browse the paginated table to find the enumerator.

### 2. Check the Enumerator's Status:

1. In the **Status** column:
  1. **Logged In**: Indicates the enumerator is currently active in the app.
  2. **Logged Out**: Indicates the enumerator is not logged into the system.

### 3. Log Out the Enumerator:

1. For users marked as **Logged In**, perform the following steps:
  1. Locate the **Actions** column for the corresponding **User ID**.
  2. Click the **Logout** button (highlighted in yellow).
  3. A **confirmation dialog box** will appear. Click **OK** to confirm the action.
  4. The system will log out the enumerator and update their status to **Logged Out**.

### 4. Verify the Update:

1. Once the logout action is performed, the **Status** column will update to **Logged Out**, confirming that the enumerator has been successfully logged out.

# Users (Team Leaders & Enumerators)



## Users

Show 10 entries

Search:

User ID	User Level	Status	Actions
tl1	Team Leader	Logged In	Logout
tl10	Team Leader	Logged Out	
tl11	Team Leader	Logged Out	
tl12	Team Leader	Logged Out	
tl13	Team Leader	Logged Out	
tl14	Team Leader	Logged Out	
tl15	Team Leader	Logged Out	
tl16	Team Leader	Logged Out	
tl17	Team Leader	Logged Out	
tl18	Team Leader	Logged Out	

Showing 1 to 10 of 150 entries

Previous

1

2

3

4

5

...

15

Next



Traffic Survey, RHD