



Bus Fleet Fuel Efficiency Audit Checklist - Public Transit

Vehicle Data & Usage

Records pertaining to individual bus characteristics and operational patterns.

Vehicle Identification Number (VIN)

Odometer Reading

Date of Last Fuel Purchase

Fuel Type (e.g., Diesel, CNG, Electric kWh)

Average Daily Mileage

Engine Hours (if applicable)

Enter a number...

Notes on Vehicle Usage (e.g., routes, passenger load)

Write something...

Driver Behavior & Training

Assessments related to driver habits and training effectiveness in fuel conservation.

Average Speed (mph)

Enter a number...

Idle Time per Shift (minutes)

Enter a number...

Harsh Braking Events per Shift

Enter a number...

Aggressive Acceleration Events per Shift

Enter a number...

Fuel-Efficient Driving Techniques Training Completion

- Yes
- No
- Pending

Last Fuel-Efficient Driving Refresher Training Date

Enter date...

Driver Comments/Observations on Fuel Efficiency

Write something...

Consistent Route Adherence

- Always
- Usually
- Sometimes
- Rarely

Route Optimization & Traffic Analysis

Evaluates route planning, traffic flow, and potential improvements for fuel efficiency.

Average Route Speed (km/h)

Enter a number...

Average Trip Distance (km)

Enter a number...

Description of Recurring Traffic Congestion Points

Write something...

Route Profile - Terrain Type

- Flat
- Hilly
- Mountainous
- Urban

Route Diversion Options Assessed?

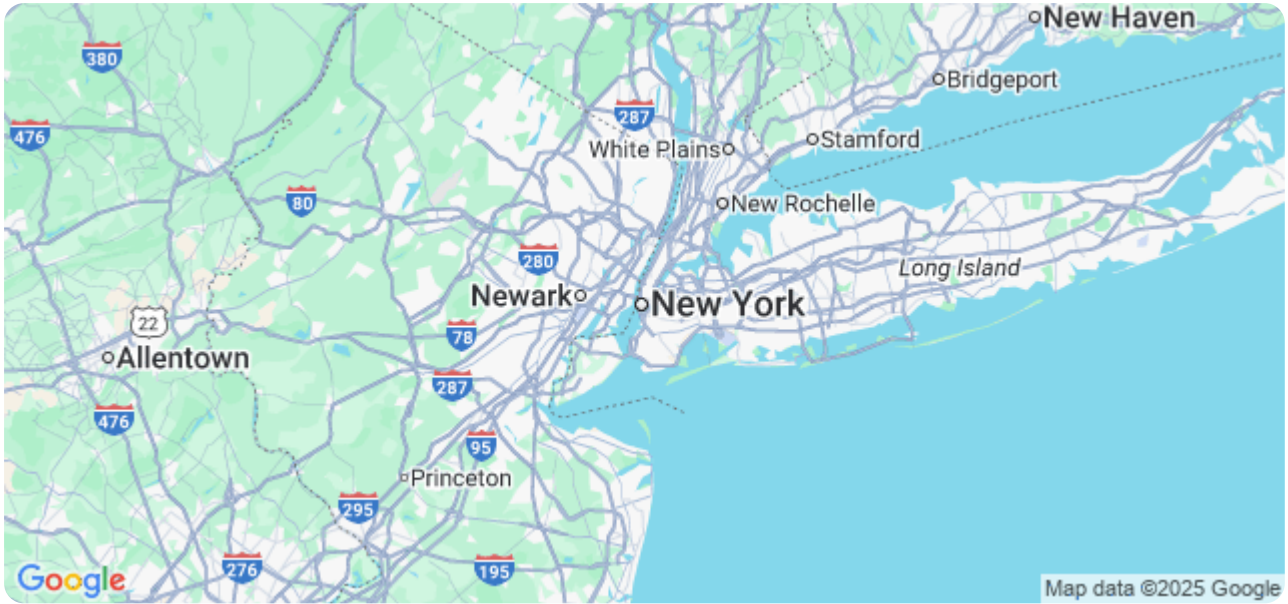
- Yes
- No

Date of Last Route Review

Enter date...

Location of Key Traffic Bottleneck (Pin on Map)

[📍 Set My Current Location](#)



Vehicle Maintenance & Condition

Inspection of engine, tires, and other components impacting fuel consumption.

Tire Pressure (PSI)

Enter a number...

Engine Oil Level (Quarts)

Enter a number...

Coolant Level (Gallons)

Enter a number...

Brake Pad Condition

- Excellent
- Good
- Fair
- Poor

Engine Noise Level

- Normal
- Slightly Elevated
- Elevated
- Abnormal

Last Oil Change Date

Enter date...

Additional Notes & Observations

Write something...

Fuel Management & Procurement

Review of fuel purchasing practices and monitoring of fuel consumption rates.

Average Fuel Price per Gallon/Liter

Enter a number...

Total Fuel Purchased (Gallons/Liters) - Last Month

Enter a number...

Total Fuel Cost - Last Month

Enter a number...

Fuel Supplier

- Supplier A
- Supplier B
- Supplier C
- Other

Date of Last Fuel Delivery

Enter date...

Notes on Fuel Quality or Delivery Issues

Write something...

Fuel Type Purchased

- Diesel
- CNG
- Biodiesel
- Other

Fuel Storage Tank Level (Beginning of Month)

Enter a number...

Technology & Telematics

Assessment of vehicle telematics and data analytics for fuel efficiency insights.

Telematics System Uptime (%)

Enter a number...

Average Fuel Consumption (L/100km)

Enter a number...

Number of Telematics Alerts Generated

Enter a number...

Description of Recent Telematics System Updates

Write something...

Data Points Monitored by Telematics (e.g., Speed, RPM, Idle Time)

- Speed
- RPM
- Idle Time
- Engine Load
- GPS Location
- Accelerator Pedal Position

Last Telematics System Software Update Date

Enter date...

Telematics Vendor

- Vendor A
- Vendor B
- Vendor C