

Top Fleet Metrics



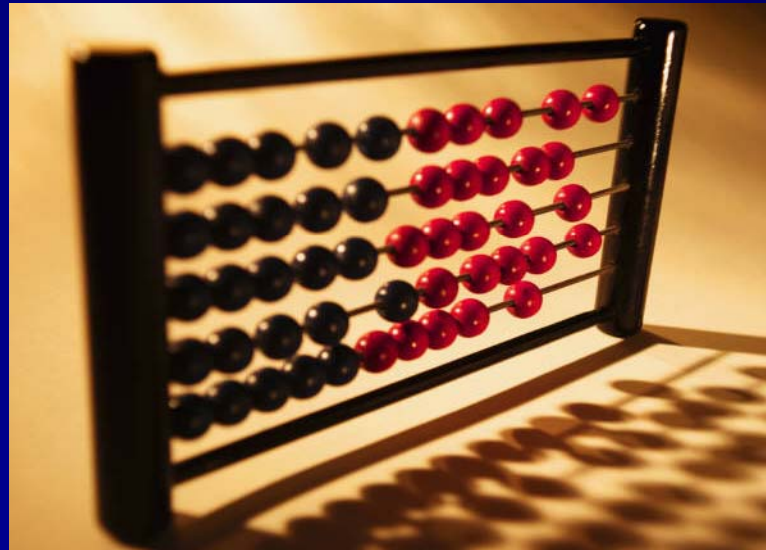
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Brewington & Company

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Top Fleet Metrics



The Early Years of Fleet
Management

Top Fleet Metrics



NCR 399 Courtesy of The DFWCUG Historical CPU Preservation Society

The Early Years of Fleet Management

Top Fleet Metrics



IBM System 32 Courtesy of IBM

The Early Years of Fleet Management

Top Fleet Metrics



IBM PC AT Courtesy of Old-Computers.Com

The Early Years of Fleet Management

Top Fleet Metrics

Fleet Management Today

Accurate, Detailed & Timely Data

+

Today's Hardware & Software

= Almost Unlimited Reports & Info

Top Fleet Metrics

Data Collection ✓

Data Processing

Outputs to Other Systems

Fleet Management Tools ✓

Data Collection

Asset Information

Fixed Costs

Operating Costs

Utilization

Asset Information

Equipment Roster

Asset Master File

Assignment History

Replacement Schedule

Equipment Roster

Unit Number

Unit Description –Year, Make, Model

ID, Tag, & Other Identifying Info

Vehicle Class or Group

In Service Date

Total Acquisition Cost

Asset Master File

Acquisition Information

Unit Details

Up – Fitting Information

Digital Images of Asset

Warranty Types & Lengths

Acquisition Cost Details

Notes

Assignment History

Department or Agency

Driver Assignment

Current & Past Assignments

Billing History by Cost Center

Carry Home Status

Replacement Schedule

Replacement Schedule by:

Utilization – Time or Use Based

Depreciation Schedule

Percent of “Use” Remaining

Budget Year & Cost to Replace
Projections

Fixed Costs

Depreciation

Cost of Money

Up – Fitting & Accessories

Insurance

License & Taxes

Overhead – Administrative & Fleet

Operating Costs

Repairs & Maintenance

Fuel & Oil

Tires

Unreimbursed Damage Repairs

Repairs & Maintenance

Vehicle Maintenance History

Vehicle Status

Reason for Repair

Repair by System, Assembly, or Component

Repair Order Log

Preventive Maintenance Master

Warranty Claim Activity

Vehicle Maintenance History

Info for Current Month, Previous 3
Months, Past 12 Months, & Life to Date:

Utilization

Repair Costs by System Codes

Fuel Usage & Cost

Oil Usage & Cost

Tire Expenses

Vehicle Maintenance History

(Continued)

Preventive Maintenance Expenses

Total Expenses for each Period

Cost per Mile, Hour, etc. for each Period

Notes

Vehicle Status

Sort by:

Unit #, Class, Description, or Assignment

For:

Current Meter Readings

Expiration Date of Tags or Inspections

Recalls Pending

PM Status

Reason for Repair

Individual Unit Data Sorted by:

“Reason for Repair” Code

Showing:

Frequency of this Code

Costs Related to this Code

Average Cost per Repair for this Code

Repair by System, Assembly, etc.

Individual Unit Data Sorted by:

“Repair by System, Assembly or
Component” Code

Showing:

Frequency of this Particular Code

Costs Related to this Code

Average Cost per Repair for this Code

Repair Order Log

Individual Unit Repair Order Showing:
Date & Time Order was Opened & Closed
Length of Time Order was Open
System, Assembly, or Component Codes Used
“Reason for Repair” Codes Shown
Part Failure Codes
Total Cost of Repair

Preventive Maintenance Master

Individual Unit PM Records Showing:

Dates

Meter Readings

Locations or Vendors

Levels of PM Performed

Cost of Each PM Service

Warranty Claim Activity

Parameters in Master File Set to Flag:

Repairs or Purchases (Parts, Tires, etc.) that should be Under Warranty

List Potential Recoverable Expenses by:

Unit, Date, System, Assembly, or Component Code

“Reason for Repair” Code

Repair Order or Invoice Identifiers

Fuel & Oil

Inputs from:

Automated Fuel Dispensing Systems

Fuel Card Providers

Manual Entries

Fuel & Oil

Data for Local Fleets:

Transaction Date

Supplier

Type & Amount of Fuel

Cost of Purchase

Purchaser

Non-highway Use where Applicable

Fuel & Oil

Purchases through Fuel Card Providers

Level “3” Data:

Purchase Amount, Date, Type Supplier,
Vendor Names, City, State, Zip Code

Product Code, Unit Price, Unit of
Measure, Quantity, Purchase Amount

Odometer Reading, Vehicle ID,
Purchaser ID

Tires

Type Expense – Repair, Replace,
Rotate, Align, etc.

Reason for Expense – Wear, Driver's
Report, Damaged, etc.

Cost & Vender Info

Date & Mileage, Hours, or Additional
Details

Unreimbursed Damage Repair

Repairs not Covered by Insurance

Insurance Deductibles

Other Unreimbursed Amounts

Utilization

Track by:

Cost Center or Individual Assignment

Capture Use by:

Time – Hour, Day, Week, Month

Actual Use – Miles, Engine Hours, PTO
Hours, Cycles, Tons Hauled, Fuel
Consumed, etc.

Fleet Management Tools

Reports or Inquiries to:

Learn About Assets – What, Where, To Whom, When, etc.

Determine Costs – Fixed & Operating

Bill User Departments or Agencies

Benchmark Internally

Plan for Future

Learn About Assets

Equipment Roster

Asset Master File

Assignment History

Replacement Schedule

Determine Costs

Fixed Costs:

Depreciation

Cost of Money

Up-Fitting & Accessories

Insurance

License & Taxes

Overhead – Administration & Fleet

Determine Costs

Operating Costs:

Repairs & Maintenance

Fuel & Oil

Tires

Unreimbursed Damage Repairs

Bill User

Charge-back Actual Costs to Each Cost Center

Give them Access to Details of their Billing

Encourage them to Benchmark Against other Internal Users

Benchmark Internally

Compare Individual Units with:

Same “Class” of Units – by Region or
Operating Group

All Units within the same “Class”

Differing “Classes” of Units Performing
the same Function or Job

Plan for Future

Replacement Scheduling:
Based on Projected Utilization
Depreciation Schedule
Updated to Reflect Actual Use &
Projected Future Use

Plan for Future

Timing & Funding for Replacements:

Track Percent of “Use” Remaining

Project Time for Replacement

Lock-in Replacement Funding

Use “What if” Scenarios to Evaluate
Costs or Utilization

Top Reports for Management

Asset Utilization

Internal Trends in Operating Costs

Budget Needs for Operating Expenses

Budget Needs for Replacement Funding

“What if” Scenarios to Evaluate Costs or Utilization

Top Reports for Users

Asset & Assignment Information

Actual Operating Expenses

Utilization Information

Pool or Rental Unit Use

Exception Reports

Internal Benchmarking

Top Reports for Fleet Management

Asset & Assignment Information

Actual Operating Expenses

Utilization Information

Internal Benchmarking

Repair/Replace Decisions

Accident or Damage Tracking

Top Reports for Fleet Management

(Continued):

Exception Reports

- Use + or –
- Excessive Fuel Use
- Tire Usage
- Repeat “Reason for Repair” Codes
- Reoccurring System Codes
- Duplicate “Reason for Failure” Codes

Top Reports for Fleet Management

(Continued):

Pool or Rental Unit Use

- By Operator or Location
- Frequency of Use
- Length of Use
- Miles Driven

“What if” Scenarios to Evaluate Costs or
Utilization

Top Fleet Metrics

What are your Top Fleet Metrics to:
Share with Management?
Share with Users?
Manage the Fleet?

Top Fleet Metrics

Questions & Comments

Top Fleet Metrics

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