

# Be Your Own Transportation Consultant



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# Key Concepts

## Efficiency

- Performing or functioning in the best possible manner with the least waste in resources

## Effectiveness

- Having an intended or expected effect; the ability to deliver intended service

# Achieving Transportation Efficiency

## Fill It



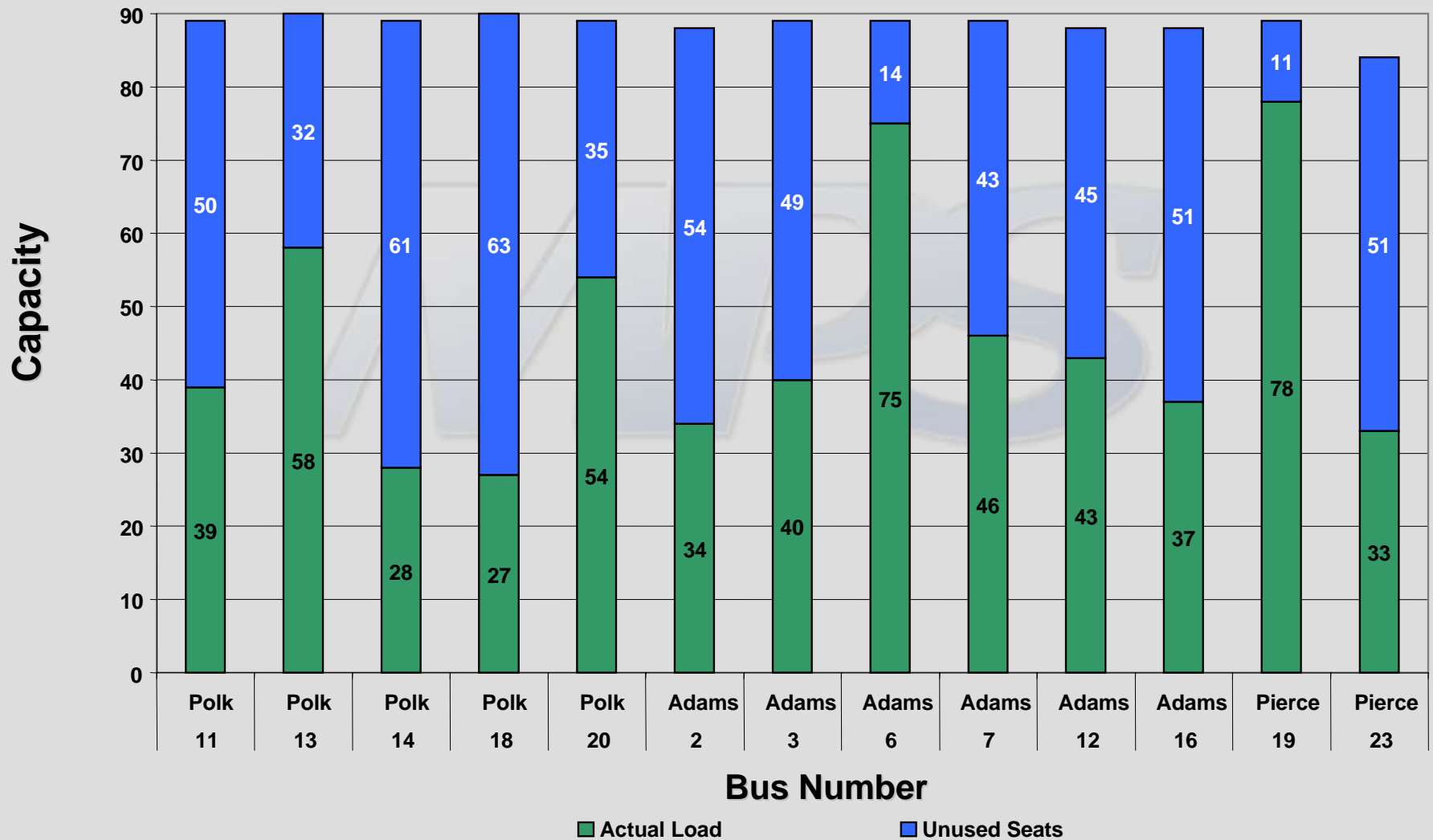
## Reuse It



# Evaluating Transportation Efficiency

Performance Measure	Data Required	Comparative Guideline
Cost Per Student	Total Transportation Cost ÷ Total Students Transported	\$700 to \$850
Capacity Use	Total Seats Available ÷ Total Students Eligible and Riding	75 to 85% Planned 65 to 75% Actual
Run Pairing	Total Number of Bus Trips ÷ Total Number of Buses	1.5 to 2.5
Buses Per 100 Students Transported	Total Active Buses ÷ (Total Students Transported ÷ 100)	1.0 to 1.3

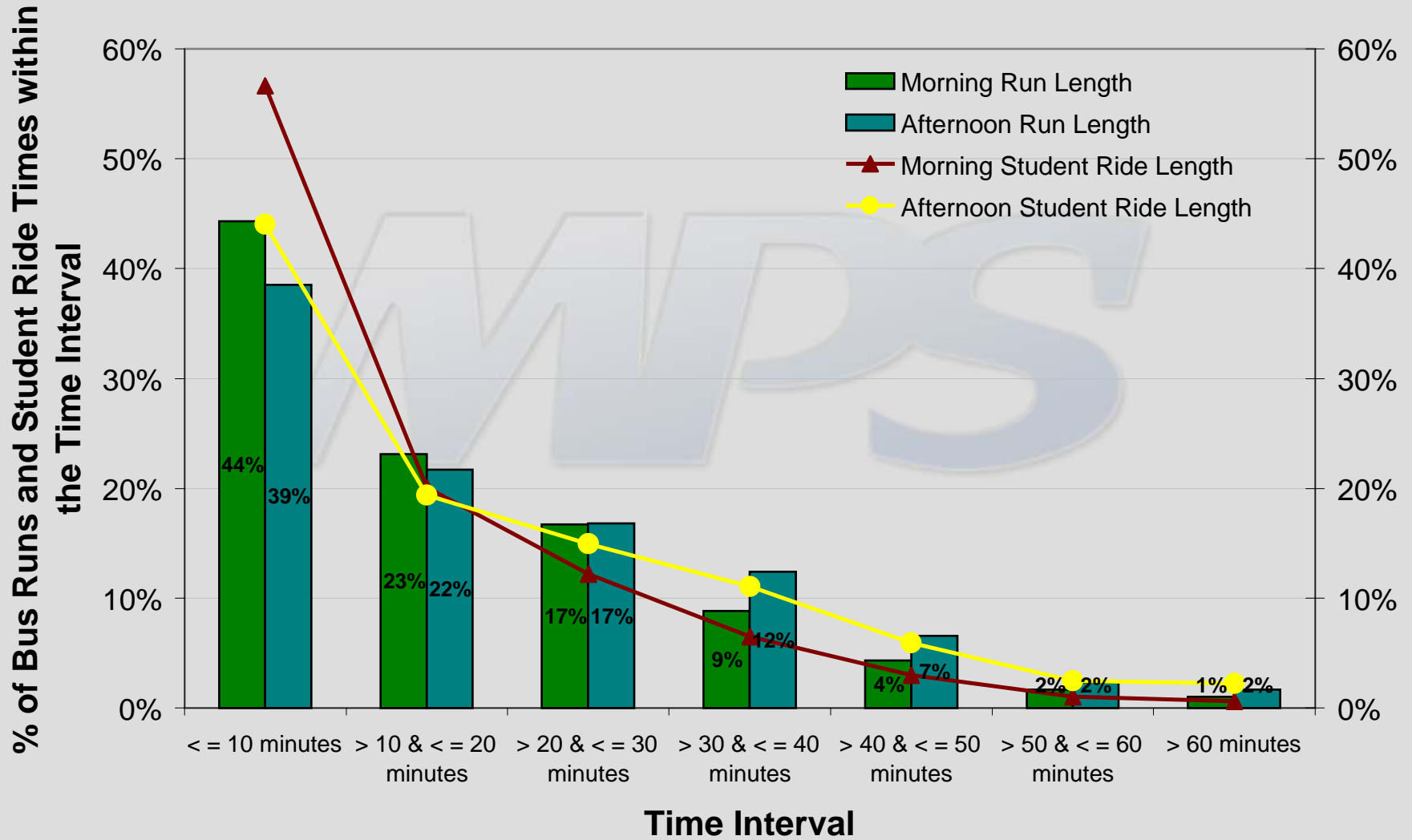
# Considering Capacity Use



# Evaluating Transportation Effectiveness

Performance Measure	Data Required	Comparative Guideline
Ride Length	Total Time Students Are on Bus from Pickup to Drop Off	
On Time Percent	Count of buses arriving prior to bell ÷ Total count of arrivals	$\geq 95\%$
Buses Availability	Count of buses mission ready ÷ Count of buses required	$\geq 95\%$

# Considering Ride Time



# Defining Transportation Constraints

- Policies
- Operational Procedures

MPS

# Key Transportation Policies

- Eligibility for service
- Walk to stop distance/ stop loading
- Seating Guidelines
- Ride length
- Alternate locations
- Bell time setting
- Program location

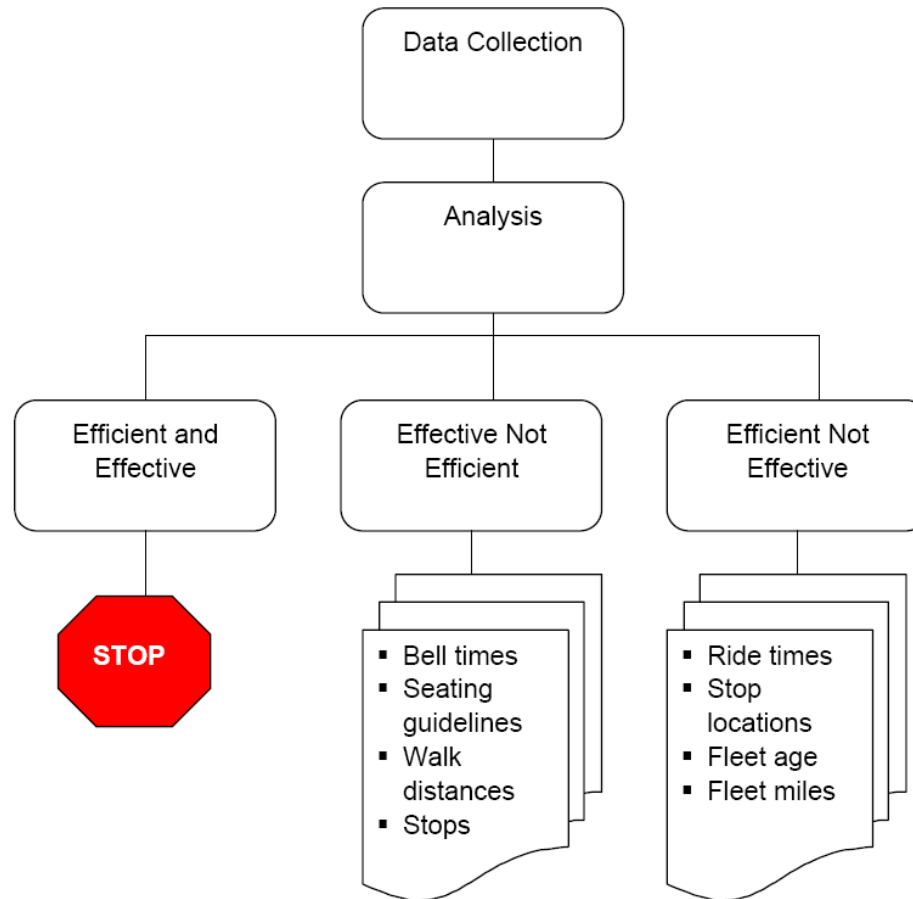
# Key Operational Practices

- Routing strategies
- Mainstreaming
- Driver contracts/deployment
- Fleet maintenance and replacement

# Critical Tools

- Cost allocation
- Transportation management software
- Fleet management software
- Common sense

# Engaging Yourself



# Consulting Mindset

- Transportation is an outcome
- Beware of the pebbles in the pond
- Fill it and reuse it