

Key Facts

A Summary of Useful Transportation Data

August 1991

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**Washington State
Department of Transportation**

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Key Facts

A Summary of Useful Transportation Data

August 1991



**Washington State
Department of Transportation**

Finance and Budget Management Division
Management and Operations Office
Transportation Building
Olympia, Washington 98504-5201
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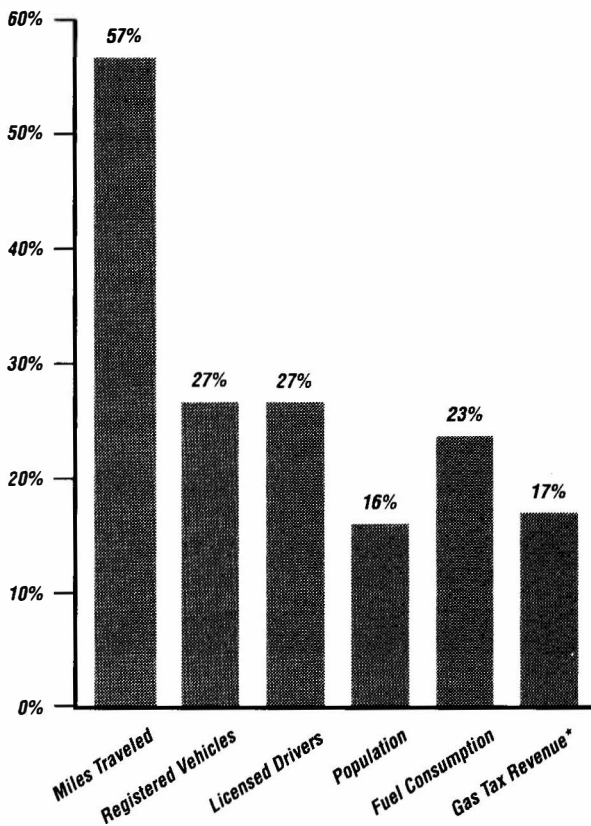
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10 Year Growth In Percent: 1980-1990



**In constant 1980 dollars.*

Transportation Effects on State Economy

- Supports a strong economy.
- Supports virtually every form of economic activity.
- 1 in every 7 workers in Washington State is in a transportation-related job (based on national statistics).
- Americans spend approximately \$1 of every \$5 for transportation.
- At least \$1.3 billion in economic activity created in Washington State by federal funds.
- Approximately 45,000 jobs supported in the economy by WSDOT budget.
- \$75-90 million provided to state general fund in taxes collected from highway contractors and their employees.
- \$1.5 billion in WSDOT programs directly support statewide economic development.
- Partial list of private sector gross income from transportation in calendar year (CY) 1989:

Equipment Manufacturing	\$19.8 Billion
Auto Related Sales	\$10.9 Billion
Transportation Services	\$ 5.5 Billion
Auto Repair	\$ 1.8 Billion

Total Centerline Miles – Streets, Roads, and Highways

(Approximate 1990 Mileage in Washington)

	Paved	Unpaved	Total
State			
Interstate	760		760
Primary	4,960		4,960
Secondary	1,080	30	1,110
Urban	200		200
Total State	7,000	30	7,030
County			
Secondary	6,140		6,140
Urban	1,860		1,860
Rural (Off Federal System)	17,000	16,700	33,700
Total County	25,000	16,700	41,700
City			
Secondary	160		160
Urban	2,400		2,400
Other Urban (Off Federal System)	7,580	1,000	8,580
Total City	10,140	1,000	11,140
Other Roads*	Unknown	Unknown	11,330
Federal Roads**	Unknown	Unknown	10,100
Total			81,300

* Includes mileage in state parks, forests, institutions, and other private roads not on the state system.

** Federal parks, forests, and Indian reservations.

Vehicle/Driver Statistics FY 91

(Based on June 1991 Forecast and OFM Data)

Registered Vehicles

Autos	2,947,811
Motor Homes	61,657
Motorcycles	100,000
Mopeds	16,000
For Hire	600
Truck/Tractor Truck	1,253,877
Total Motorized	4,379,945
Trailer/Semi-trailer	547,339
Campers	50,000
Total Registered	4,977,284

Population/Drivers

State Population	4,922,250
Driver Age Population (16 Years and Over)	3,780,427
Drivers Licenses in Force	3,440,842

Vehicle Operations (Average Annual, All Types)

Person Per Motorized Vehicle	1.17
Gallons Consumed Per Vehicle	613
Miles Per Gallon	18.13
Miles Traveled (Billions)	47.408
Miles Per Vehicle	11,119

Comparison of Use of Modes

(Calendar Year 1989 and 1990)

	1989*	1990	Percent Change
Public Transit (Millions of Passengers)			
Metro	92.3	96.3	4.3%
20 Other Authorities	39.5	43.3	9.6%
Ferries (Millions) Passengers (Excluding Drivers)	11.6	12.3	6.0%
Autos (Including Drivers)	8.7	9.1	4.6%
Highway Miles Traveled (Billions)	43.2	44.7	3.5%
Major Airports (Millions of Passengers)			
Seattle	15.2	16.2	6.6%
Spokane	1.5	1.6	6.7%
Rail-AMTRAK Washington State On-Off (Thousands)	564.9	619.3	9.6%
Freight Rail			
Private Carriers	1	1	0.0%
Common Carriers	10	10	0.0%
Rail Miles in Operation	3,393	3,356	-1.1%

* Revised data.

Ferry Fleet – 25 Vessels

Jumbo Class

206 autos / 2,000 passengers
SPOKANE, WALLA WALLA

Super Class

160 autos / 2,500 passengers
HYAK, KALEETAN, YAKIMA, ELWHA

Issaquah Class

100–130 autos / 1,200 passengers
ISSAQUAH, KITTITAS, KITSAP, CATHLAMET,
CHELAN, SEALTH

Evergreen Class

100 autos / 1,000-1,140 passengers
EVERGREEN STATE, KLAHOWYA, TILLIKUM

Steel Electric Class

75 autos / 665-800 passengers / refurbished
QUINAULT, ILLAHEE, NISQUALLY, KLICKITAT

Passenger-Only

TYEE	(Acquired 9/86)	329 passengers
KALAMA	(Acquired 9/89)	250 passengers
SKAGIT	(Acquired 9/89)	250 passengers

Others

RHODODENDRON	65 autos / 546 passengers
OLYMPIC	55 autos / 605 passengers
HIYU	40 autos / 200 passengers

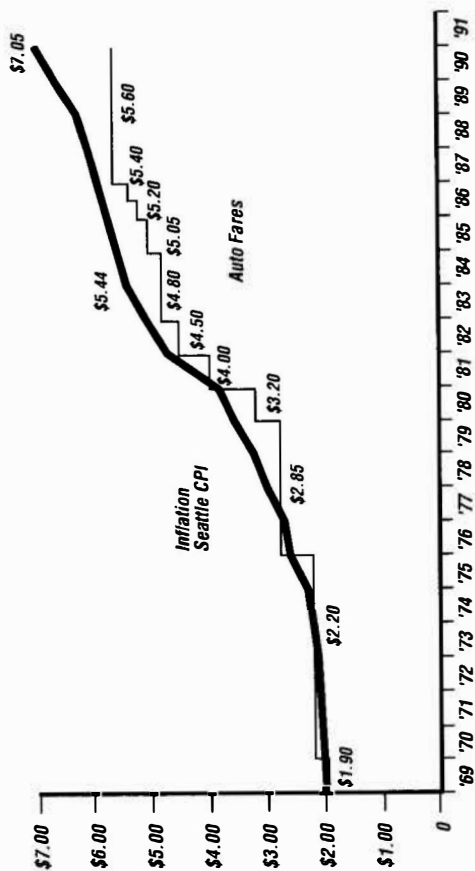
Ferry Traffic

(Traffic in Millions)

Regular Routes Only	Passengers	Vehicles	Total
FY 1983	10.3	6.4	16.7
FY 1984	10.0	6.8	16.8
FY 1985	10.0	7.0	17.0
FY 1986	10.1	7.2	17.3
FY 1987	10.5	7.6	18.1
FY 1988	10.8	8.1	18.9
FY 1989	11.2	8.4	19.6
FY 1990	12.0	9.0	21.0
FY 1991	12.5	9.3	21.8

Ferry Auto Fares vs. Inflation*

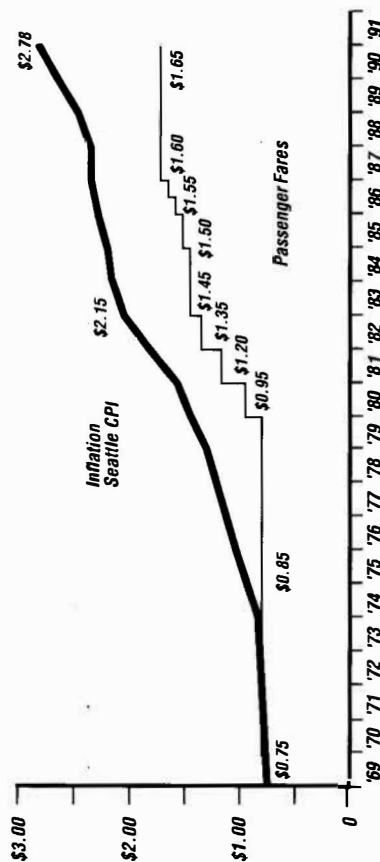
Fiscal Year 1969 - 1991



Note: Ferry fares have not been increased since July 1986
*Based on Seattle Consumer Price Index (CPI).

Ferry Passenger Fares vs. Inflation*

Fiscal Year 1969 - 1991



Note: Ferry fares have not been increased since July 1986.
*Based on Seattle Consumer Price Index (CPI).

Motor Vehicle Excise Tax History

(Transportation Related)

- 1971 1.0% Local Option MVET for transit to replace 50% of the 2.0% State MVET. Approved by the 1969 legislature effective July 1, 1971.
- 1978 Temporary 0.2% MVET surtax for Ferry System Capital Construction. Approved by the 1977 legislature effective August 1, 1978, until August 1, 2008.
- 1987 0.2% surtax for Ferry System Capital Construction made permanent.
- 1988 Temporary 0.1% surtax for Ferry System operations. Approved by the 1987 Legislature effective January 1988 through December 1989.
- 1988 Temporary 0.1% surtax for Ferry System operations was extended through December 1990.
- 1990 0.1% surtax for Ferry System operations made permanent.
0.2% surtax for transportation purposes approved effective September 1990.
- 1993 5% of the revenue from the base 2% MVET tax to be transferred from deposit in the General Fund to the Transportation Fund. Approved by the 1990 Legislature effective July 1, 1993.

State Motor Fuel Tax History

- 1921 1 cent
- 1924 2 cents
- 1929 3 cents
- 1931 5 cents
- 1949 6.5 cents
- 1961 7.5 cents
- 1967 9 cents
- 1977 Variable
21.5% of retail price, net of taxes
12 cent lid
Enacted at 11 cents
- 1979 12 cents
Rose to lid
- 1981 Variable
Changed to 10% of retail price, net of taxes
12 cent floor
Enacted at 13.5 cents first 6 months, then fell to 12 cent floor
- 1983 10% variable repealed
Increased to 16 cents July 1983
- 1984 18 cents in July 1984
- 1990 22 cents in April 1990
- 1991 23 cents in April 1991

Gas Tax Distribution

Computed equivalent cents based on legislated distribution before deductions for rebates and transfers for non-highway use, Department of Licensing's cost of collection, and State Treasurer's cost of distribution.

Dedicated 17 Cent Distribution (RCW 46.68.100)

Urban Arterial Trust Account	1.21 cents
Counties	3.87 cents
Cities	1.96 cents
Ferry Operations	.54 cents
Ferry Capital Construction	.55 cents
State Urban Highways	1.18 cents
State	7.69 cents
Total	17.00 cents

Dedicated 1 Cent Distribution (RCW 82.36.025)

Rural Arterial Program	.33 cents
Urban Arterial Program	.33 cents
State Highway Construction	.33 cents
Total	1.00 cent

Gas Tax Distribution

(Continued)

Dedicated 4 Cent Distribution RCW 46.68 (4/1/90)

Department of Transportation	1.00 cents
Cities	0.50 cents
Counties – Regular Distribution	0.30 cents
Counties – Arterial Preservation	0.45 cents
Transportation Improvement Board	1.50 cents
Rural Arterial Program	0.25 cents

Total	4.00 cents
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Dedicated 1 Cent Distribution RCW 46.68 (4/1/91)

Special C Program	0.75 cents
Counties – Regular Distribution	0.25 cents

Total	1.00 cent
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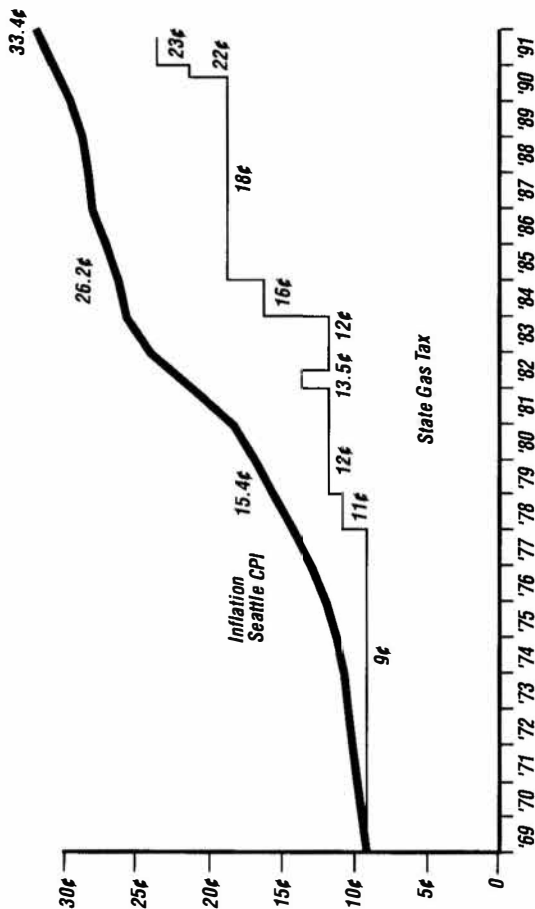
Summary

Cities	2.46 cents
Counties	4.87 cents
Rural Arterial Program	.58 cents
Transportation Improvement Board	3.04 cents
Ferries	1.09 cents
State	10.95 cents

Total	23.00 cents
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State Gasoline Tax vs. Inflation*

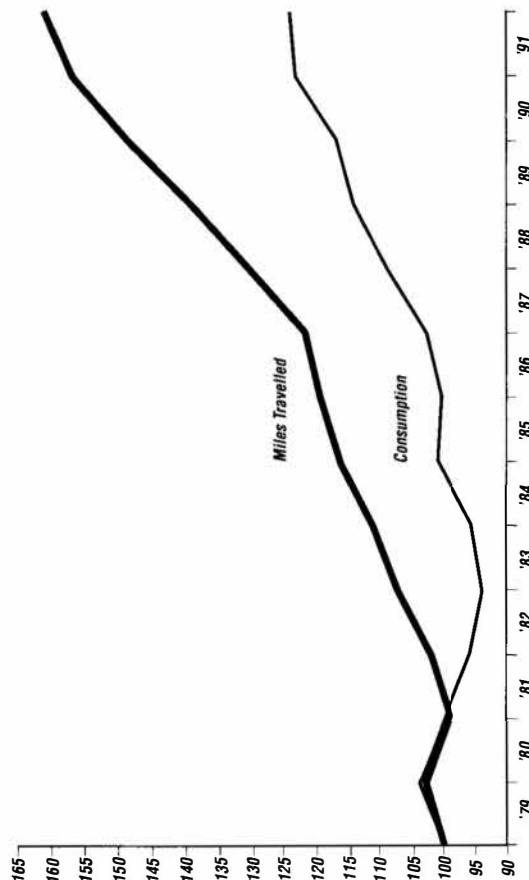
Fiscal Years 1969 - 1991



* Based on Seattle Consumer Price Index (CPI)

Gasoline Consumption vs. Miles Traveled

Index Values: 1978 = 100



Motor Vehicle License Fee History

1915	\$ 3.00	Autos	25 HP or less
	\$ 5.00		26 to 40 HP
	\$ 7.50		More than 40 HP
	\$ 0.50	For Hire	Per HP
	\$ 0.50	Stages	Per HP plus \$1.00 per person carrying capacity
	\$ 10.00	Trucks	Under 2 Tons
	\$ 15.00		From 2 to under 3 tons
	\$ 20.00		From 3 to under 4 tons
	\$ 25.00		4 tons or more — maximum 5 tons
	\$ 20.00	Trucks	Under 2 Tons
	\$ 30.00	For Hire	From 2 to under 3 tons
	\$ 40.00		From 3 to under 4 tons
	\$ 50.00		4 tons or more — maximum 5 tons
1917	\$ 5.00	Autos	25 HP or less
	\$ 7.50		26 to 40 HP
	\$ 10.00		More than 40 HP
	\$ 1.00	For Hire	Per HP
	\$ 1.00	Stages	Per HP plus \$2.00 per person carrying capacity
	\$ 5.00	Trucks	Under one-half ton
	\$ 10.00		One-half ton and under 1 ton
	\$ 15.00		1 ton and under 2 tons
	\$ 25.00		2 tons and under 3 tons
	\$ 35.00		3 tons and under 4 tons
	\$ 50.00		4 tons and not to exceed 5 tons
	\$100.00		Over 5 tons and not to exceed 6 tons
	\$250.00		Over 6 tons and not to exceed 7 tons

Motor Vehicle License Fee History

(Continued)

1919*	\$10.00	Autos	Revenue to the Motor Vehicle Fund
	\$20.00	For Hire	
	\$25.00	Stages	
	\$10.00	Trucks	
1931	\$ 3.00	Motor Vehicles	Revenue to the Motor Vehicle Fund
1949	\$ 5.00		Revenue to the Motor Vehicle Fund
1957	\$ 6.50		\$3.00 to the Motor Vehicle Fund and \$3.50 to the State Patrol Highway Account
1961	\$ 6.90		\$3.40 to the Motor Vehicle Fund and \$3.50 to the State Patrol Highway Account
1965	\$ 8.00		\$3.40 to the Motor Vehicle Fund and \$4.60 to the State Patrol Highway Account
1969	\$ 8.00		\$2.00 to the Motor Vehicle Fund and \$6.00 to the State Patrol Highway Account
1971	\$ 8.00		Revenue to the Motor Vehicle Fund
1975	\$13.40	New	Revenue to the Motor Vehicle Fund
	\$ 9.40	Renewal	

Motor Vehicle License Fee History

(Continued)

1981	\$13.40 \$ 9.40	New Renewal	\$7.40 of new and \$3.40 of renewals is distributed 72.7% to the Motor Vehicle Fund and 27.3% to the Puget Sound Ferry Operations Account. \$6.00 to the State Patrol Highway Account.
1982	\$23.00 \$19.00	New Renewal	\$15.60 to the State Patrol Highway Account. \$7.40 of new and \$3.40 of renewals is distributed 72.7% to the Motor Vehicle Fund and 27.3% to the Puget Sound Ferry Operations Account.
1989	\$27.75 \$23.75	New Renewal	\$20.35 to the State Patrol Highway Account. \$7.40 of new and \$3.40 of renewals is distributed 72.7% to the Motor Vehicle Fund and 27.3% to the Puget Sound Ferry Operations Account.

* Note: Beginning in 1919 a distinction was made between the vehicle license fee and additional fees based on seating capacity and rated carrying capacity.

Local Option Transportation Taxes

Tax:	Motor Vehicle Fuel and Special Fuel Tax
Authorized:	Chapter 173 Laws of 1991 Sec. 1, SHB 1342
Amount:	In increments of 0.1¢ to a maximum of 1.0¢
Jurisdiction:	Cities and Towns within ten miles of an international border crossing and Transportation Benefit Districts with an international border crossing within their boundaries.
Tax:	Motor Vehicle and Special Fuel Tax
Authorized:	RCW 82.80.010, Chapter 42 Laws of 1990 Sec. 201, SSB 6358
Amount:	10% of the State Gas Tax
Jurisdiction:	County
Tax:	Vehicle License Fee
Authorized:	RCW 82.80.020, Chapter 42 Laws of 1990 Sec. 206, SSB 6358
Amount:	Not to exceed \$15 per vehicle
Jurisdiction:	County
Tax:	Commercial Parking Tax
Authorized:	RCW 82.80.030, Chapter 42 Laws of 1990 Sec. 208, SSB 6358
Amount:	(1) Based on gross proceeds or number of parking stalls available for commercial parking use or, (2) based on the act or privilege of parking a motor vehicle in a facility operated by a commercial parking business.
Jurisdiction:	County (only the unincorporated area) or City (incorporated area)

Local Option Transportation Taxes

(Continued)

Tax:	Street Utility tax
Authorized:	RCW 82.80.050, Chapter 42 Laws of 1990 Sec. 210, SSB 6358
Amount:	Not to exceed \$2.00 per month per full-time equivalent employee of a business or \$2.00 per month per housing unit for residential property.
Jurisdiction:	City or Town
Tax:	Employer Tax
Authorized:	RCW 81.100.030, Chapter 43 Laws of 1990 Sec. 14, SSB 1825
Amount:	Up to \$2.00 per employee per month measured by the number of full-time equivalent employees
Jurisdiction:	A Class AA county or a Class A county adjoining a Class AA county having within its boundaries existing or planned high-occupancy vehicle lanes on the state highway system
Tax:	Excise Tax
Authorized:	RCW 81.100.060, Chapter 43 Laws of 1990 Sec. 17, SHB 1825
Amount:	Not more than 15% of the State Motor Vehicle Excise Tax paid under RCW 82.44.020(1) on vehicles registered to a person residing within the county
Jurisdiction:	A Class AA county or Class A county adjoining a Class AA county having within its boundaries existing or planned high-occupancy vehicle lanes on the state highway system

Local Option Transportation Taxes

(Continued)

Tax:	Employer Tax
Authorized:	RCW 81.104.150, Chapter 43 Laws of 1990 Sec. 41, SHB 1825
Amount:	At a rate approved by the voters up to \$2.00 per month on all employers located within the agency's jurisdiction, measured by the number of full-time equivalent employees
Jurisdiction:	Cities that operate transit systems, county transportation authorities, metropolitan municipal corporations, and public transportation benefit areas
Tax:	Motor Vehicle Excise Tax
Authorized:	RCW 81.104.160, Chapter 43 Laws of 1990 Sec. 42, SHB 1825
Amount:	At a rate approved by the voters but not exceeding 80/100ths. of 1% on the value under Chapter 82.44 of every motor vehicle owned by a resident of such city, county transportation authorities, metropolitan municipal corporations, and public transportation benefit area
Jurisdiction:	Cities that operate transit systems, county transportation authorities, metropolitan municipal corporations, and public transportation benefit areas

Local Option Transportation Taxes

(Continued)

Tax:	Sales and Use Tax
Authorized:	RCW 81.104.170, Chapter 43 Laws of 1990 Sec. 43, SHB 1825
Amount:	At a rate approved by the voters not exceeding 1% of the selling price (sales tax) or value of the article used (use tax)
Jurisdiction:	The legislative bodies of cities that operate transit systems, county transportation authorities, metropolitan municipal corporations, and public transportation benefit areas

Federal Highway-Users Fees

User Fee Type	Rate as of August 1, 1991
Gasoline	\$0.14 / gallon*
Gasohol	\$0.086 / gallon*
Diesel Fuel	\$0.20 / gallon*
Other Special Fuels	\$0.09 / gallon*
Tires	0 - 40 lbs.: No tax 40 - 70 lbs.: \$0.15 for every pound over 40 lbs. 70 - 90 lbs.: \$4.50 + \$0.30 for every pound over 70 lbs. Over 90 lbs.: \$10.50 + \$0.50 for every pound over 90 lbs.
Truck and Trailer Sales	12% of retailer's sales price for all tractors and trucks over 33,000 lbs. gross vehicle weight (gvw) and trailers over 26,000 lbs.gvw.
Heavy Vehicle Use (annual tax)	Trucks 55,000 lbs. gvw to 75,000 lbs. gvw: \$100.00 plus \$22.00 for each 1,000 lbs. (or fraction thereof) in excess of 55,000 lbs. Trucks over 75,000 lbs. gvw: \$550.00

*Excludes the 0.1 cent per gallon tax on motor fuel dedicated to the
Leaking Underground Storage Tank Fund.

WSDOT Budget

Division/Program
(\$ in Millions) 1991-93*
Budget

Program Development Division

A Preservation and Safety	\$ 250.4
B Interstate	457.0
C Non-Interstate Capacity Improvements	253.8
G Community Economic Revitalization	5.0
H Non-Interstate Bridges	106.6
R7 Reimbursable Projects	60.0
Total Program Development	\$ 1,132.8

Operations Division

M Highway Maintenance and Operations	215.9
D Highway Management and Facilities	72.5
Total Operations	\$ 288.4

Marine Division

X Marine Maintenance and Operations	205.3
W Marine Construction	125.8
Total Marine Division	\$ 331.1

Aeronautics Division

F Aeronautics	3.5
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Planning, Research and Public Transportation Division

T Planning, Research and Public Transportation	61.0
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Finance and Budget Management Division

S Transportation Management	35.8
R Sales and Services to Others	9.0
U Charges from Other Agencies	21.4
Total Finance and Budget Management	\$ 66.2

Local Programs Division

Z Local Programs	118.9
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Other

09 Supportive Services	0.6
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Total WSDOT Budget \$ 2,002.5

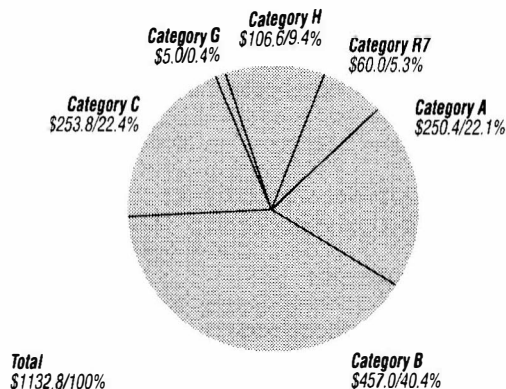
Non-Appropriated

E Transportation Equipment Fund (TEF)	112.8
OR Right-of-Way Revolving Fund	10.0

*Salary and insurance increase allocations from OFM not included.

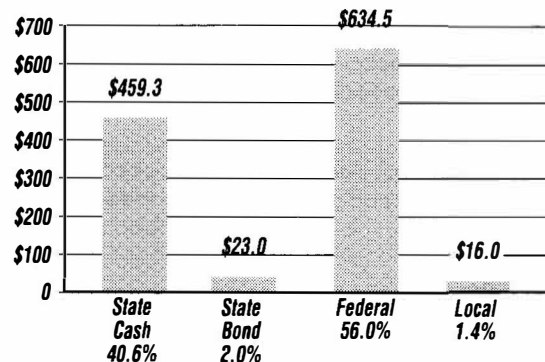
1991-93 Highway Construction

(\$ in millions)



Fund Source

(\$ in millions)



Operations Division

Program Description

• Management and Support

Administers Construction, Maintenance and Capital Facilities for all state highways for the Department of Transportation.

• Maintenance

Maintains and provides over 7,000 miles of state highways.

Freeway Management

Express lane operations
Freeway monitoring systems

Roadway Maintenance

WSDOT is actively participating in SHRP research that is developing and testing innovative pavement maintenance methods and materials.

Plant Life Management

Over 55,000 acres of state highway right of way contains vegetation that must be managed.

Involves biological, cultural, chemical, and mechanical methods of control.

Structures

Includes maintenance of 3,056 state-owned structures including 23 movable span bridges.

Operations Division

Program Description

(Continued)

Snow and Ice

The amount of sand used for snow and ice control in FY89, would fill approximately 34,902 dump trucks which if lined up "end for end," would stretch from Seattle to Vancouver.

Continuing research of chemical deicers that are less corrosive than salt.

Rest Area Management

The number of people visiting our 38 major rest areas each year is equivalent to the entire population of New York City and Los Angeles COMBINED!!! (Approximately 40 million people.)

General Maintenance

Major categories included in General Maintenance

- field Supervision
- training

Damage Repair

Damage caused by highway users cost WSDOT \$5.5 million dollars during FY89.

Traffic Services

Includes the maintenance and repair of:

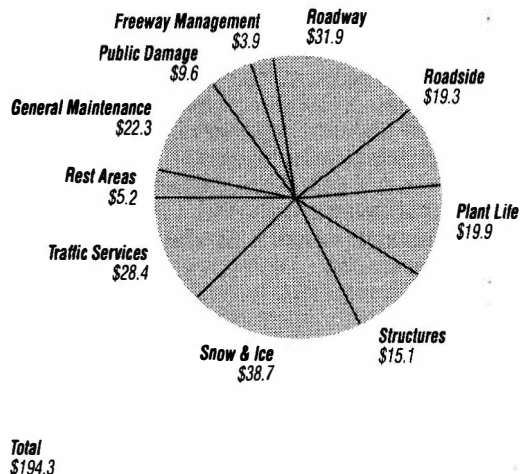
- traffic signal systems
- luminaires
- over 125,000 traffic signs

Roadside Maintenance

Three-quarters of the roadside maintenance budget is spent on drainage maintenance.

Operations Division Program Description (Continued)

91-93 Highway Maintenance
(\$ in millions)



Operations Division Program Description (Continued)

• Construction

Manages highway construction projects, change orders, and contractor claims. Monitors approximately 200 construction contracts annually.

• Pre-Contract Administration

Maintain qualification data for over 700 construction contractors. Print and distribute PS&E for and award up to 200 contracts annually.

• Equipment and Facilities

Supports statewide plant construction, operation, and maintenance. Directs statewide radio communication network.

• Materials

Directs and supports statewide materials testing by performing evaluation on specific materials used on highway and bridge construction, pavement design and rehabilitation.

Has capability for 500 materials evaluations, soils, aggregate asphalt, and manufactured products. State geotechnical foundation drilling and materials inspection testing in over 200 facilities statewide.

Marine Division

Ferry System Operations

(Based on June 1991 Forecast)

	(\$ in Millions) 1991-93
Revenue	
State Revenue*	\$ 78.5
Fares, Tolls, and Miscellaneous	136.0
Total Available Revenue	\$ 214.5
Expenditures**	
Operations	\$ 158.1
Engineering	33.6
Finance and Administration	9.5
Executive Management and Support	4.1
Total Proposed Program	\$ 205.3

* Revenue generated from gas tax, registration fees, and Motor Vehicle Excise Tax.

** Does not include salary and insurance increase allocations from OFM.

Marine Division

Capital Construction 6-Year Program

(Based on June 1991 Forecast)

	1991-93	1993-95	1995-97
Revenue			
Cash Balance	\$ 8.6	\$ 1.2	\$ 7.5
State Revenue Available	108.7	125.5	141.0
Less Debt Service*	-27.8	-27.3	-27.5
Less DOT Overhead	-0.4	-0.4	-0.4
Transfer from (to) Operations	0.0	-7.3	-7.7
Subtotal	\$ 89.1	\$ 91.7	\$ 112.9
Bond Sales	15.0	0.0	0.0
Federal Funds	16.8	6.0	6.0
Local Funds	5.7	4.4	4.5
Total Available Revenue	\$ 126.6	\$ 102.1	\$ 123.4
Expenditures***			
Emergency Repair	\$ 2.0	\$ 2.2	\$ 2.4
Continuity of Service	6.5	6.9	5.6
Struct./Mech. Integrity	76.3	45.8	32.0
Efficiency	29.2	26.5	31.7
Capacity	7.9	9.6	11.6
1963 Hood Canal Bridge			
Refunding Revenue Bonds	3.5	3.6	3.6
Total Proposed Program**	\$ 125.4	\$ 94.6	\$ 86.9
Ending Balance	\$ 1.2	\$ 7.5	\$ 36.5

* Debt service on 1977 bonds is appropriated to the State Treasurer.

** Expenditure plan approved by Transportation Commission, June 1991.

*** Does not include an additional \$300,000 approved by the 1991 Legislature.

Aeronautics Division

Program Summary

Sub-Program Description		1991-93 Budget
F-1	Management and Support	\$ 1,045,000
F-2	Airport Aid Projects	1,775,000
	Motor Vehicle Fund Payback	100,000
F-3	State-owned Airports	
	Maintenance and Construction	104,000
F-4	Search and Rescue	126,000
F-5	Planning	342,000
Total		\$ 3,492,000

Fund Source

Aeronautics Account		
	State	\$ 3,083,000
	Federal	283,000
Search and Rescue Account		
	State	126,000
Total Source of Funds		\$ 3,492,000

Management and Support

Includes federal airport inspections (5010), hazard and obstruction reviews, aircraft maintenance, insurance, and accident investigations.

Airport Aid Projects

State funds provide matching dollars to local funds used for runway and taxiway rehabilitation, airport lighting, navigation improvements, access roads and ramps, security fencing, etc.

MVF Payback

To pay for a tort settlement in the case of Osibov vs. the State in the amount of \$407,430, the Aeronautics Account borrowed money from the Motor Vehicle Fund. Payback to the Motor Vehicle Fund is planned as four biennial installments of approximately \$100,000 each.

Planning, Research & Public Transportation Division

Program Financial Summary

(\$ in thousands)

Sub-Program Description		1991-93 Budget
T-1	Management & Support	\$ 1,047
T-2	Planning & Research	27,755
T-3	Public Transportation	8,741
T-4	High Capacity Transportation	15,640
T-5	Essential Rail Assistance Projects	7,800
Total		\$ 60,983

Fund Source

Motor Vehicle Fund		
	Federal	\$ 9,000
	State	17,830
Transportation Fund		
	Federal	5,418
	State	8,795
	Local	100
High Capacity Transportation Account		15,640
Essential Rail Assistance Account		1,000
Essential Rail Banking Account		1,100
State Building Construction Account		2,100
Total Sources of Funds		\$ 60,983

Planning, Research & Public Transportation Division

Program Description

Management & Support

Ensures that WSDOT & other transportation decision-makers have innovative policies for effective transportation planning.

Planning & Research

Provides continuing and special studies relating to statewide road inventories, traffic surveys, highway finance and economic surveys, and statistical reporting to provide basic design data for improved transportation planning, road construction and maintenance. Includes research for application of new construction methods and materials, improved traffic management techniques, environmental mitigation measures, and earthquake preparedness.

Public Transportation

Develops planning policies related to public transportation. Manages Urban Mass Transportation Administration pass-through grants to Washington transit and paratransit providers on behalf of the Federal government. Planning and technical assistance and training is provided to transit operators throughout the state.

High Capacity Transportation

New program created in the 1990 Legislative session to develop policy and plan for future regional high capacity transportation systems and to study ways to improve AMTRAK services

Essential Rail Assistance Projects

Supports continued freight rail operations by loans to ports, county rail districts, or first class cities and by acquiring abandoned rights-of-way for future reactivation.

Planning, Research & Public Transportation Division

High Occupancy Vehicle (HOV) Facilities & Programs

HOV Facilities

	Completed or Under Construction	Additional Planned for the Year 2000	Total
HOV Lanes (Miles)	90	183	273
Park & Ride Spaces	26,800	12,500	39,300

Other Facilities

- Transit Supporting HOV Ramps
- Metered By-Pass Ramps
- Express Transit Stations
- Transit Centers
- Dedicated Interchanges

Special Features

There are 495 publicly operated and over 100 privately operated vanpools statewide.

Ridesharers are given priority loading on state ferries and priority entrance to certain central Puget Sound freeways.

Dual-mode articulated buses are used in the downtown Seattle transit tunnel, a 1.3 mile exclusive busway. By the year 2000, 40% of the buses downtown will use the tunnel.

Local Programs Division

Mission

Assist and support cities and counties in our partnership to develop and maintain our state's transportation system through programs and services that:

- Optimize federal aid funds distributed to cities and counties.
- Provide technical services on design, construction and operations.
- Provide engineering and technical training opportunities.
- Provide information on new technology, innovations and efficiencies.

Goals

- Provide bridge inspection support and training.
- Increase technical and engineering training opportunities.
- Increase technical assistance to cities and counties.
- Develop pavement management system for cities.
- Increase traffic services to small cities and counties.
- Streamline program delivery procedures.

Accomplishments

- 300 city and county projects for \$131 million (total project costs).
- Power Washington funding of 56 traffic signal projects for \$6.2 million (Exxon oil rebate).
- Trained over 5,000 persons, through technology transfer roadshows which deliver the training to the workplace.
- Provide traffic engineering services and microcomputer assistance in response to 850 requests.
- Prepared new bridge inspection manual and began implementing new procedures required by FHWA.
- Developed and provided bridge inspection training for 150 city and county bridge inspectors.

Local Programs Division

Program and Services

- Advocate for and partner with cities and counties.
- Provide rapid response to requests for funding and technical assistance.
- Focus on service to cities and counties as well as delivery of the federal aid program
- Local Agency Guideline manual, tool for assisting in administering federal funds.
- Continue the certification acceptance process which delegates most project decisions to qualifying cities and counties.
- Northwest Technology Transfer center renowned for provision of materials and training to cities and counties.
- Traffic services, providing hands-on assistance in traffic engineering and computer usage.

Project Summary

(\$ in Millions)

FA Program	(Since 1973)		Annual Allocation**
	Allocations	Projects	
Federal Aid Urban	\$233.0	890	\$12.4
Federal Aid Secondary	107.0	370	8.0
Railroad Crossing	33.0	425	2.2
Hazard Elimination	27.6	440	1.8
Bridge Replacement	305.0	480	15.0
Emergency Relief	76.0	380	2.0
Other Programs*	42.1	606	N/A

**Phased Out*

***Average annual allocation for five years*

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