

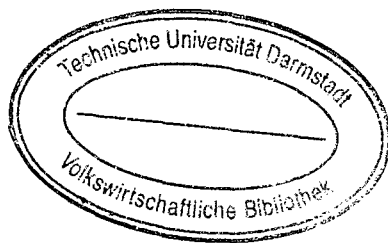
ECONOMICS

AT THE WHEEL

The Costs of Cars and Drivers

Richard C. Porter

Department of Economics
The University of Michigan
Ann Arbor, Michigan



ACADEMIC PRESS

San Diego London Boston New York Sydney Tokyo Toronto

Contents

Preface	ix
Glossary	xiii
1 <i>Introduction</i>	1
<i>Appendix: External Costs and Policy</i>	5

The Economics of Driving

2 <i>The Cost of Driving</i>	15
3 <i>The Demand for Driving</i>	25
<i>Appendix: Who Really Pays a Gasoline Tax?</i>	35

Energy and Air Pollution

4 <i>Fuel Efficiency</i>	41
---------------------------------	-----------

5	<i>Air Pollution</i>	55
	<i>Appendix: Benefit–Cost Analysis of Automotive Emissions Controls</i>	70
6	<i>Global Warming</i>	73

Highway Safety

7	<i>An Overview of Highway Safety</i>	87
	<i>Appendix: The Value of Life</i>	94
8	<i>Vehicle Safety</i>	99
9	<i>Seat Belts and Air Bags</i>	109
10	<i>Legal Liability and Insurance</i>	119
11	<i>Alcohol</i>	129
12	<i>Youth</i>	137
13	<i>Speed and Highway Design</i>	147

Other Automotive Externalities

14	<i>Congestion, Roads, and Parking</i>	155
	<i>Appendix: The Theory of Highway Congestion</i>	167

15	<i>Water Pollution</i>	173
16	<i>Potpourri</i>	181

Where Next?

17	<i>Where Should We Go from Here?</i>	191
18	<i>Where Can We Go from Here?</i>	201
	<i>Answers to Text Questions</i>	209
	References	229
	Index	249