REFERENCES AND BIBLIOGRAPHY


UCD-ITS-RR-96-3 (21) rev. 2

Mark A. Delucchi
Institute of Transportation Studies
University of California
Davis, California 95616
madelucchi@ucdavis.edu
www.its.ucdavis.edu/people/faculty/delucchi/

August 1996
October 2004 rev. 1
January 2006 rev. 2
ACKNOWLEDGMENTS

This report is one in a series that documents an analysis of the full social cost of motor-vehicle use in the United States. The series is entitled The Annualized Social Cost of Motor-Vehicle Use in the United States, based on 1990-1991 Data. Support for the social-cost analysis was provided by Pew Charitable Trusts, the Federal Highway Administration (through Battelle Columbus Laboratory), the University of California Transportation Center, the University of California Energy Research Group (now the University of California Energy Institute), and the U. S. Congress Office of Technology Assessment.
REPORTS IN THE UCD SOCIAL-COST SERIES

There are 21 reports in this series. Each report has the publication number UCD-ITS-RR-96-3 (#), where the # in parentheses is the report number.


Report 3: Review of Some of the Literature on the Social Cost of Motor-Vehicle Use (J. Murphy and M. Delucchi)

Report 4: Personal Nonmonetary Costs of Motor-Vehicle Use (M. Delucchi)

Report 5: Motor-Vehicle Goods and Services Priced in the Private Sector (M. Delucchi)

Report 6: Motor-Vehicle Goods and Services Bundled in the Private Sector (M. Delucchi, with J. Murphy)

Report 7: Motor-Vehicle Infrastructure and Services Provided by the Public Sector (M. Delucchi, with J. Murphy)

Report 8: Monetary Externalities of Motor-Vehicle Use (M. Delucchi)

Report 9: Summary of the Nonmonetary Externalities of Motor-Vehicle Use (M. Delucchi)


Report 11: The Cost of the Health Effects of Air Pollution from Motor Vehicles (D. McCubbin and M. Delucchi)

Report 12: The Cost of Crop Losses Caused by Ozone Air Pollution from Motor Vehicles (M. Delucchi, J. Murphy, J. Kim, and D. McCubbin)

Report 13: The Cost of Reduced Visibility Due to Particulate Air Pollution from Motor Vehicles (M. Delucchi, J. Murphy, D. McCubbin, and J. Kim)
Report 14: The External Damage Cost of Direct Noise from Motor Vehicles (M. Delucchi and S. Hsu) (with separate 100-page data Appendix)

Report 15: U.S. Military Expenditures to Protect the Use of Persian-Gulf Oil for Motor Vehicles (M. Delucchi and J. Murphy)

Report 16: The Contribution of Motor Vehicles and Other Sources to Ambient Air Pollution (M. Delucchi and D. McCubbin)

Report 17: Tax and Fee Payments by Motor-Vehicle Users for the Use of Highways, Fuels, and Vehicles (M. Delucchi)

Report 18: Tax Expenditures Related to the Production and Consumption of Transportation Fuels (M. Delucchi and J. Murphy)

Report 19: The Cost of Motor-Vehicle Accidents (M. Delucchi)

Report 20: Some Comments on the Benefits of Motor-Vehicle Use (M. Delucchi)

Report 21: References and Bibliography (M. Delucchi)

There are two ways to get copies of the reports.

1). Most reports are posted as pdf files on Delucchi’s faculty page on the UC Davis ITS web site: www.its.ucdavis.edu/ people/ faculty/ delucchi/

2). You can order hard copies of the reports from ITS:

   A. fax: (530) 752-6572
   B. e-mail: itspublications@ucdavis.edu
   C. ITS web site: http://www.its.ucdavis.edu
   D. mail: Institute of Transportation Studies, University of California, One Shields Avenue, Davis, California 95616 attn: publications

For general information about ITS, call (530) 752-6548.

ITS charges for hard copies of the reports. The average cost is $10 per report. You can get a cost list before hand, of course. Or, you can have them send the reports with an invoice.
LIST OF ACRONYMS AND ABBREVIATIONS AND OTHER NAMES

The following are used throughout all the reports of the series, although not necessarily in this particular report:

AER = Annual Energy Review (Energy Information Administration)
AHS = American Housing Survey (Bureau of the Census and others)
ARB = Air Resources Board
BLS = Bureau of Labor Statistics (U. S. Department of Labor)
BEA = Bureau of Economic Analysis (U. S. Department of Commerce)
BTS = Bureau of Transportation Statistics (U. S. Department of Transportation)
CARB = California Air Resources Board
CMB = chemical mass-balance [model]
CO = carbon monoxide
dB = decibel
DOE = Department of Energy
DOT = Department of Transportation
EIA = Energy Information Administration (U. S. Department of Energy)
EPA = United States Environmental Protection Agency
EMFAC = California’s emission-factor model
FHWA = Federal Highway Administration (U. S. Department of Transportation)
FTA = Federal Transit Administration (U. S. Department of Transportation)
GNP = Gross National Product
GSA = General Services Administration
HC = hydrocarbon
HDDT = heavy-duty diesel truck
HDDV = heavy-duty diesel vehicle
HDGT = heavy-duty gasoline truck
HDGV = heavy-duty gasoline vehicle
HDT = heavy-duty truck
HDV = heavy-duty vehicle
HU = housing unit
IEA = International Energy Agency
IMPC = Institutional and Municipal Parking Congress
LDDT = light-duty diesel truck
LDDV = light-duty diesel vehicle
LDGT = light-duty gasoline truck
LDGV = light-duty gasoline vehicle
LDT = light-duty truck
LDV = light-duty vehicle
MC = marginal cost
MOBILE5 = EPA’s mobile-source emission-factor model.
MSC = marginal social cost
MV = motor vehicle
NIPA = National Income Product Accounts
NOX = nitrogen oxides
NPTS = Nationwide Personal Transportation Survey
OECD = Organization for Economic Cooperation and Development
O3 = ozone
OTA = Office of Technology Assessment (U. S. Congress; now defunct)
PART5 = EPA’s mobile-source particulate emission-factor model
PCE = Personal Consumption Expenditures (in the National Income Product Accounts)
PM = particulate matter
PM10 = particulate matter of 10 micrometers or less aerodynamic diameter
PM2.5 = particulate matter of 2.5 micrometers or less aerodynamic diameter
PMT = person-miles of travel
RECS = Residential Energy Consumption Survey
SIC = standard industrial classification
SOX = sulfur oxides
TIA = Transportation in America
TSP = total suspended particulate matter
TIUS = Truck Inventory and Use Survey (U. S. Bureau of the Census)
USDOE = U. S. Department of Energy
USDOL = U. S. Department of Labor
USDOT = U. S. Department of Transportation
VMT = vehicle-miles of travel
VOC = volatile organic compound
WTP = willingness-to-pay
21. REFERENCES AND BIBLIOGRAPHY

Includes references in all reports except those in Report #11


Arizona Department of Motor Vehicles, Phoenix, Arizona, personal communication, March 26 (1993)


California Air Resources Board, Notice of Public Hearing to Consider Amendments to the Air Toxics Hot Spots Fee Regulation, Sacramento, California, May (1993).


California Air Resources Board, Effects of Ozone on Vegetation and Possible Alternative Ambient Air Quality Standards, Staff Report, Sacramento, March (1987).


California Department of Motor Vehicles, Sacramento, California, personal communication, January (1993).


California State Board of Equalization, Taxable Sales in California (Sales and Use Tax) During 1987, Sacramento, California (1988).


L. G. Chestnut and R. D. Rowe, Preservation Values for Visibility Protection at the National Parks, prepared for the U. S. Environmental Protection Agency, Office of Air Quality


City of Buffalo, City Controller’s Office, Accounting Division, New York, personal communication, October 3 (1995).


City of Davis, Department of Public Works, transportation budget estimates, Davis California (1993).

City of Los Angeles, Controller’s Office, California, personal communication, January 27 (1993).

City of Newark, Department of Finance, Director’s Office, New Jersey, personal communication, October 3 (1995).

City of Sacramento, Finance Department, Revenue Division, California, personal communication, October 3 (1995).


C. Cowherd, Midwest Research Institute, Kansas City, Missouri, personal communication, October 4 (1995).

C. Cowherd, Midwest Research Institute, Kansas City, Missouri, personal communication, August 31 (1995).


M. A. Delucchi, A Revised Model of Emissions of Greenhouse Gases from the Use of Transportation Fuels and Electricity, UCD-ITS-RR-97-8, Institute of Transportation Studies, University of California, Davis, February (1997).


32


Energy Information Administration, State Energy Price and Expenditure Report 1992


D. Engleking, Services Division, Bureau of the Census, U. S. Department of Commerce, personal communication, Suitland, Maryland, November 20, 1995


Environmental Protection Agency (EPA), Office of Air Quality Planning and Standards (OAQPS), Emissions Factor and Inventory Group, computer transmission of data file containing estimate of emissions of VOCs from plants and NOx from soil, in every county in the continental U. S. in 1990, Research Triangle Park, North Carolina (1995).

Environmental Protection Agency (EPA), Office of Policy, Planning, and Evaluation (OPPE), computer transmission of data file containing estimate of emissions of CO, VOCs, NOx, PM10, PM2.5, SOx, NH3, and SOAs (excluding emissions of VOCs from plants and NO from soil), in every county in the U. S. in 1990, prepared by E. H. Pechan Associates, Springfield, Virginia, for the EPA OPPE, Washington, D. C. (1995).


Environmental Protection Agency, Office of Policy, Planning and


Environmental Protection Agency, National Motor Vehicle and Fuels Emission Laboratory, “PART5, Information Sheet #1: Fleet Average Fugitive Dust; Fugitive Dust Emission Factors; Particle Size Cutoff Limitations,” Ann Arbor, Michigan, September 27 (1994).


Florida Department of Motor Vehicles, Tallahassee, Florida, personal communication, July 23 (1993).


G. Gonzalez, Electric Transportation Department, Southern California Edison, Rosemead, California, personal communication, February 8 (1994).


L. H. Goulder, Energy Taxes: Traditional Efficiency Effects and Environmental Implications, Department of Economics, Stanford University, Stanford, California, November (1993).


N. P. Hummon, Analysis of Household Travel Patterns Based on Time Budget Data, Technology Society Research Institute, University of Pittsburgh, Pennsylvania, October (1979).


C. E. Johnson and R. G. Derwent, “Relative Radiative Forcing Consequences of Global Emissions of Hydrocarbons, Carbon Monoxide, and NO\textsubscript{X} from Human Activities


C. Lave, “Cars and Demographics,” Access, Number 1, Fall, University of California Transportation Center (1992).


Massachusetts Department of Motor Vehicles, Boston, Massachusetts, personal communication, March 26 (1993).


L. McClelland, Traffic Law Enforcement Division, Texas Department of Public Safety, Austin, Texas, personal communication, January 24 (1994).


T. R. Miller, National Public Services Research Institute, Landover, Maryland, personal communication, July 15 (1997).

T. R. Miller, National Public Services Research Institute, Landover, Maryland, personal communication, September 15 (1994).


T. R. Miller, National Public Services Research Institute, Landover, Maryland, personal communication, June 6 (1993).

T. R. Miller, National Public Services Research Institute, Landover, Maryland, personal communication, December 22 (1993).


S. Moore and D. Stansel, Ending Corporate Welfare As We Know It, draft report, Cato Institute, Washington, D.C., March 6 (1995).


National Climatic Data Center, Local Climatological Data, 1990, Asheville, North Carolina (1992?).


E. H. Pechan Associates Inc., Atmospheric Nitrogen Deposition Loadings to the Chesapeake Bay: An Initial Analysis of the Cost Effectiveness of Control Options, EPA Contract No. 68-


A. Rabl, "Air Pollution and Buildings: An Estimation of Damage Costs in France,"


92


Texas Transportation Institute in cooperation with the U.S. Federal Highway Administration, Roadway Congestion in Major Urbanized Areas 1982-1987, (1987)


S. M. Turner, An Examination of Indicators of Congestion Level, Pennsylvania Transportation Institute, Pennsylvania State University, University Park, Pennsylvania, (1992?).


Virginia Department of Motor Vehicles, Richmond, Virginia, personal communication, March 26 (1993).


M. Walsh, transportation consultant, Arlington, Virginia, personal communication via e-mail, November (1997).


