

ECONOMIC RESEARCH CENTRE

REPORT OF THE
HUNDRED AND SEVENTEENTH ROUND TABLE
ON TRANSPORT ECONOMICS

held in Paris on 26th-27th October 2000
on the following topic:

ECONOMIC EVALUATION OF ROAD TRAFFIC SAFETY MEASURES

EUROPEAN CONFERENCE OF MINISTERS OF TRANSPORT

TABLE OF CONTENTS

INTRODUCTORY REPORTS

Report by H. BAUM and K-J. HOHNSCHEID (Germany)	5
1. Introduction.....	9
2. Evaluation Methods - A Critical Review.....	10
3. New Evidence in Accident Costs.....	19
4. Empirical Evaluations of Road Safety Measures.....	24
5. Prospects for Further Evaluation Procedure.....	36
Report by P. WESEMANN (Netherlands)	41
1. Introduction.....	47
2. The Free Market Mechanism.....	50
3. The Role of Government.....	51
4. Government Intervention in the Market for Mobility and Road Safety.....	53
5. Evaluation Methods.....	55
6. Determining the Traffic Safety Budget.....	65
7. Composition of Packages of Measures.....	71
8. Conclusions and Recommendations.....	73
Report by A. EVANS (United Kingdom)	77
1. Introduction.....	83
2. Methods for Valuing the Prevention of Accidents and Casualties.....	83
3. Valuations for Great Britain.....	86
4. Use of Results.....	92
5. Conclusions.....	96
Report by U. PERSSON (Sweden)	101
1. Introduction.....	105
2. The Swedish National Road Administration's Value of Safety.....	106
3. Three Approaches Used for Estimating Current Costs per Casualty.....	106
4. Data Used for Estimating the Current Costs per Casualty.....	107
5. Revisions of the Swedish NRA's Costs per Casualty.....	109
6. Ongoing Research on Cost of Traffic Accidents and Value of Transport Safety in Sweden.....	111
7. Results from the New Swedish Contingent Valuation (CV) Study.....	113
8. Some Suggestions for Future Studies on the Value of Traffic Safety.....	119

OTHER CONTRIBUTIONS.....	123
SUMMARY OF DISCUSSIONS	
(Round Table debate on reports).....	153
LIST OF PARTICIPANTS.....	169