

Costs of Road Crashes in Australia - 1988: Supplementary Information

Information Sheet

This supplementary Information Paper details the social costs of road crashes in Australia for 1988. Estimates of the social cost of road crashes, reflects not only on the costs borne by crash victims, but also those costs imposed on the wider community.

Subject

Series

Date

A to Z

Search

Results

Print

Exit

GO BACK

COST OF ROAD CRASHES IN AUSTRALIA - 1988

SUPPLEMENTARY INFORMATION

Estimates of the social cost of road crashes, reflect not only the costs borne by crash victims, but also those costs imposed on the wider community.

These estimates for 1988 update those produced for 1987, and are based upon the methodology described in BTCE Occasional Paper 91, *Cost of Road Accidents in Australia*. They were calculated by adjusting the average cost estimates, presented in Occasional Paper 91, for each category, except Pain and Suffering, by the relative four quarter movement (1985 to 1988) in Average Weekly Earnings. Pain and Suffering average cost estimates were adjusted by the relative four quarter change (1985 to 1988) in the Consumer Price Index.

Total costs were calculated by applying Australian road traffic crash statistics for 1988, to the average costs for each injury severity level. Crash statistics for each State and Territory are available from the Federal Office of Road Safety.

TABLE 1 TOTAL AND AVERAGE CRASH COSTS FOR AUSTRALIA, 1988

(\$ million)

Cost category	Abbreviated injury scale (AIS) level						Property damage only	Total
	6	5	4	3	2	1		
Loss of victim	1319.8	122.8	269.0	32.8	108.4	23.3	..	1876.1
Crash-generated activities	62.5	24.4	68.9	196.1	658.9	845.5	1187.8	3044.1
Pain and suffering of victim	0.0	53.8	134.4	300.8	665.5	104.5	0.0	1259.0
Total	1382.3	201.0	472.3	529.7	1432.8	973.3	1187.8	6179.1

(\$ 000's)

Average^a	479.0	426.7	200.7	55.9	24.6	5.9	1.2
----------------------------	--------------	--------------	--------------	-------------	-------------	------------	------------

a. Average is per fatality for AIS level 6, per injured person for AIS levels 1-5 and per vehicle for Property damage only accidents.

.. Not applicable.

Note Figures may not add to totals due to rounding.



bureau of
transport and communications
economics

TABLE 2 CRASH COSTS BY CATEGORY AND INJURY SEVERITY LEVEL: AUSTRALIA, 1988

(\$ million)

Cost category	Abbreviated injury scale (AIS) level						Property damage only	Total
	6 Fatal	5 Critical	4 Severe	3 Serious	2 Moderate	1 Minor		
Loss of victim								
Forgone income	739.5	68.8	150.7	15.5	51.4	11.1	..	1037.1
Family and community losses	580.3	54.0	118.3	17.2	57.0	12.3	..	839.0
Accident generated activities								
Hospital) Medical) Rehabilitation)	6.7	14.1	24.8	58.0	103.5	32.0	..	239.2
Legal and court proceedings	8.0	1.9	9.6	29.4	73.6	62.7	0.0	185.2
Insurance administration	4.9	0.8	4.0	13.8	70.0	55.2	197.2	345.9
Accident investigation	6.6	0.4	1.8	6.4	34.2	50.2	30.1	129.6
Losses to others	12.8	2.5	5.4	3.2	10.4	4.5	0.0	38.8
Vehicle damage	23.2	4.6	22.6	82.7	351.1	595.3	751.4	1831.0
Traffic delay	0.3	0.1	0.6	2.6	18.1	45.5	209.2	274.5
Pain and suffering of victim	0.0	53.8	134.4	300.8	665.5	104.5	0.0	1259.0
Total	1382.3	201.0	472.3	529.7	1432.8	973.3	1187.8	6179.1

.. Not applicable.

Note: Figures may not add to totals due to rounding.

Additional information on the cost of fatalities by State and Territory is available in Information Sheet 1.

For further information, contact:

Manager, Information Services, Bureau of Transport and Communications Economics, GPO Box 501, Canberra, ACT, 2601

Phone (062) 746846 Fax (062) 746816