

(Return in triplicate)

FISCAL NOTE

Bill/Resolution No.: SB 2316 Amendment to: _____

Requested by: Legislative Council Date of Receipt: _____

Please estimate the fiscal impact of the above measure for:

State general or special funds Counties Cities

In the following space note the fiscal effect in dollars of this measure:

Narrative:

The estimated economic loss reduction in North Dakota with safety belt legislation (SB 2316) is \$15,978,800 per year or \$31,957,600 for the biennium.

This is calculated using the National Safety Council 1987 accident cost criteria and applying it to the 1987 North Dakota statistics for motor vehicle crash deaths and injuries. Attachment A gives a detailed account of this calculation. Attachment B is based on the National Safety Council's 1984 cost criteria applied to 1987 statistics, and is included for comparison purposes only.

It is not possible for us to estimate how these savings would affect any of the specific state, county or city funds, therefore; they are not included below.

State Fiscal Effect:

<u>1989-90</u>		<u>1990-91</u>		<u>Biennium Total</u>	
<u>General Fund</u>	<u>Special Funds</u>	<u>General Fund</u>	<u>Special Funds</u>	<u>General Fund</u>	<u>Special Funds</u>

County and City Fiscal Effect:

<u>1989-90</u>		<u>1990-91</u>		<u>Biennium Total</u>	
<u>Counties</u>	<u>Cities</u>	<u>Counties</u>	<u>Cities</u>	<u>Counties</u>	<u>Cities</u>

If additional space is needed, attach a supplemental sheet.

Signed Reyne Buchholz
Typed Name Reyne Buchholz
Finance Director

Date Prepared: 1-20-89

Department ND State Highway Dept.

NORTH DAKOTA HIGHWAY DEPARTMENT/TRAFFIC SAFETY DIVISION

ESTIMATED ECONOMIC LOSS REDUCTION IN NORTH DAKOTA WITH SAFETY BELT LEGISLATION (SB 2316)*

1987 Motor Vehicle Crash Deaths and Injuries (North Dakota)

	INJURIES		
	Injury Total	33% Overall Reduction	80% Reduction for Seat Belt Equipped Vehicles
A. Incapacitating:	749	247	197
B. Evident:	2,099	692	553
C. Possible:	2,272	749	599

	FATALITIES		
	All Deaths	In Seat Belt Equipped Veh.	Reduction For Seat Belt Use
D.	101	80	20

* * * * *

CALCULATION**

A. 197	x	\$ 28,600	=	\$ 5,634,200
B. 553	x	7,100	=	3,926,300
C. 599	x	1,700	=	1,018,300
D. 20	x	270,000	=	<u>5,400,000</u>

TOTAL ECONOMIC LOSS REDUCTION
WITH SAFETY BELT USE (SB 2316) \$15,978,800

*Data from National Safety Council (NSC) Bulletin, "Estimating the Cost of Accidents 1987."

**NSC cost criteria, nationally factored, includes costs for lost wages, medical expense, insurance administration costs, worker and unemployment compensation claims, social service claims, etc. Accident cost calculations are as follows:

A. Incapacitating injury	\$ 28,600
B. Non-incapacitating evident injury	7,100
C. Possible injury	1,700
D. Death	270,000

NSC estimates of cost per death vary from a low of \$270,000 to \$2,170,000 for a motor vehicle death, and up to \$3,800,000 for a work-related death.

NORTH DAKOTA HIGHWAY DEPARTMENT/TRAFFIC SAFETY DIVISION

ESTIMATED ECONOMIC LOSS REDUCTION IN NORTH DAKOTA
WITH SAFETY BELT LEGISLATION (SB 2316)*

1987 Motor Vehicle Crash Deaths and Injuries (North Dakota)

INJURIES

	<u>Injury Total</u>	<u>33% Overall Reduction</u>	<u>80% Reduction for seat belt equipped vehicles</u>
A. Incapacitating:	749	247	197
B. Evident:	2,099	692	553
C. Possible:	2,272	749	599

FATALITIES

	<u>All Deaths</u>	<u>In seat belt equipped vehicles</u>	<u>Reduction for seat belt use</u>
D.	101	80	20

* * * * *

CALCULATION**

A.	197	x	\$ 21,600	=	\$ 4,255,200
B.	553	x	5,200	=	2,875,600
C.	599	x	1,200	=	718,800
D.	20	x	220,000	=	<u>4,400,000</u>

TOTAL ECONOMIC LOSS REDUCTION
WITH SAFETY BELT USE (SB 2316) \$ 12,249,600

* Data from National Safety Council (NSC) Bulletin, "Estimating the Cost of Accidents 1984".

** NSC cost criteria, nationally factored, includes costs for lost wages, medical expense, insurance administration costs, worker & unemployment comp. claims, social service claims, etc. Accident cost calculations are as follows:

A. Incapacitating injury	\$ 21,600
B. Non-incapacitating evident injury	5,200
C. Possible injury	1,200
D. Death	220,000

NSC estimates of cost per death vary from a low of \$220,000 to \$1,560,000 for a motor vehicle death and up to \$2,900,000 for a work-related death.