

**WorkSafe**  
SASKATCHEWAN  
Work to live.

**SGI**  
Take care out there.

**K-LINE**  
MAINTENANCE & CONSTRUCTION  
Together is Better

**ccaccess**  
COMMUNICATIONS CO-OPERATIVE LIMITED

**YARA**

**Mosaic**

**sherritt coal**

**SaskPower**

Saskatchewan  
Ministry of  
Health

**Safe**  
SASKATCHEWAN

**Vision**  
An injury free  
Saskatchewan  
where safe lifestyles  
influence how we  
live, work and play.

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### Among the worst in Canada

- **158,000** injuries per year – one every 3.5 minutes
  - 3% of Canada's population vs 7% of the number of injuries
- Injuries account for **40%** of emergency room visits
- **9,800** hospitalizations annually - **26 per day**
  - twice the national average
- **3,500** permanent disabilities – **10 per day**
- **330** deaths – just under **1 per day**
  - 1.4 times the national average

**Safe**  
SASKATCHEWAN

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### Total costs by injury type

Injury Type	Percentage
Other	39%
Falls	36%
Motor Vehicle	20%
Poisoning	5%

Other: drowning, fires, railway, motor vehicle non-traffic, bicycle, water transport, air and space, natural and environmental, recreational and other incidents.

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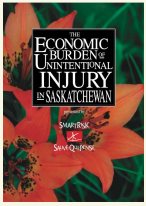
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Every year  
preventable unintentional injuries  
create a drain of  
**\$1 billion\***  
on the Saskatchewan economy

\*The SMARTRISK Economic Burden of Unintentional Injury in Saskatchewan report cites \$595 million (1998) as the annual cost to the Saskatchewan economy. When this amount is indexed to today's dollar value and when workers' compensation, auto and other private disability insurer costs are added, \$1 billion is a conservative estimate of the annual cost of preventable injuries to Saskatchewan's economy. This is the equivalent of \$1000 annual economic burden per Saskatchewan resident. This compares to the 2009/10 budget for the Saskatchewan Ministry of Health of \$4.07 Billion.




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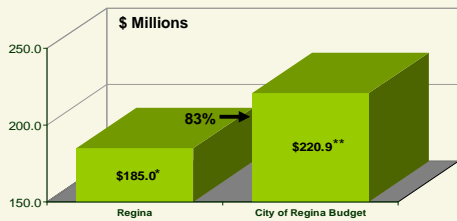
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### economic impact to Saskatchewan communities



\* Economic burden based on Regina's population of 185,010  
\*\* Source: [http://www.regina.ca/pdfs/budget\\_2007/2007Operating.pdf](http://www.regina.ca/pdfs/budget_2007/2007Operating.pdf)




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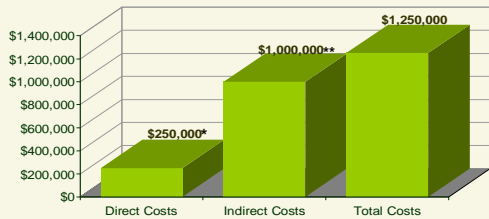
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### Business case the potential cost of a serious workplace injury



\*Direct costs include wage loss, medical costs, vocational rehabilitation costs and long-term earnings replacement costs  
\*\* It is estimated that for every \$1 in direct costs, there are between \$4 & \$11 in indirect costs




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## Saskatchewan injury rates

	Workplace	Off-the-Job
Injury Rate	1	2X
Permanent Disability Rate	1	4X
Death Rate	1	5X



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U.S. National Safety Council:  
**“9 out of 10**  
unintentional injury deaths  
and **two-thirds**  
of disabling injuries  
**occurred off the job**  
in 2005.”



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U.S. National Safety Council:  
*“Off-the-job injuries*  
*are up to*  
**8 times more costly**  
*than workplace injuries.”*



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## U.S. Centers for Disease Control and Prevention

- ✓ \$1 spent on smoke alarms **saves \$69**
- ✓ \$1 spent on bicycle helmets **saves \$29**
- ✓ \$1 spent on child safety seats **saves \$32**
- ✓ \$1 spent on road improvements **saves \$3**




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### experience

- Potash Business Unit (PBU) includes 4 mines in Saskatchewan, 1 in New Mexico and 1 in Michigan
- 2500 workers in total
- Based on fiscal year, 2006/07



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### experience

**example of the economic burden to industry**

Category	Injuries	Person Years	Direct Costs	Indirect Costs	Total Costs
Workplace Injuries	100	-	-	-	\$7.5 Million
Off-the-job Injuries	6,094	30 Person Years	\$1.5 Million	\$6.0 Million	\$7.5 Million

**FINANCIAL IMPACT: \$1230 per day of disability!**




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**Mosaic response**

**A Strategy** to create involvement and injury prevention activities in . . .

- ✓ Society
- ✓ Communities
- ✓ Homes

**Safe SASKATCHEWAN**

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**Mosaic results**

386 Fewer Days or  
1.93 Man Years Not Lost.  
\$96,500 in Direct Costs Avoided  
\$386,000 in Indirect Costs Avoided  
**\$482,500 of Costs Avoided (Savings)**

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**Mosaic results**

Approximate 2006-07 PBU Q1 & Q2 Investment in Health/Wellness	(\$75,000)
PBU Q1 & Q2 Direct & Indirect Savings	\$482,500
Internal Rate of Return (IRR)	543%
Net Present Value (NPV) of Investment using Internal Rate of Return of 11.8%*	\$273,267

\*The Mosaic Company hurdle rate for justifying new capital investments is currently set at an internal rate of return of 11.8%

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**a unique opportunity . . .**

. . . to lead North America  
in changing  
traditional ways of thinking  
with respect to injury prevention  
and . . .





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improve the lives of  
people in  
Saskatchewan,

enhance the  
economic  
environment for  
business and

save millions of  
dollars in health and  
social costs!

~~UNINTENTIONAL  
INJURIES~~





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**injury prevention**  
**the response to health care challenges**

The potential . . .

- Reduction in wait times for emergency room, diagnosis, treatment or surgery
- Health care providers are attracted to work in unburdened health care system
- Millions of dollars saved every year due to reduced injury spending
- Timely care for patients facing challenges presented by all diseases and illnesses





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## **injury prevention** the response to health care challenges

The value . . .

- Lives are saved and human pain and suffering is eliminated
- Investments go directly into the community, where people live, work and play
- Awareness is raised as to importance of injury prevention both on and off-the-job
- The lives of people in the community are improved and the economic environment for business is enhanced



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