

Staff Notes regarding Parks and Recreation non-project requests:

PWSC Dual-Credit program

- Valdez Eco-Stewardship Program funding was approved in the Recreation budget 2021
- PWSC Dual-Credit came before Council prior to the Recreation budget. Staff decided from Council recommendation in 2020, to include this funding for credits during the carry forward budget process.
- \$5,952.00 is for three credits, for eight high school students upon completion of the program and PWSC requirements

Contract PM Shooting Range RFQ

- PRCS Director will be soliciting an RFQ for a third party to operate the shooting range based upon recommendation from shooting range consultant's visit in the fall of 2020.
- The shooting range consultant visit was delayed due to COVID and was moved to the fall, and the request was not able to be included in the 2021 budget request.

Ice Rink

- Request for a portable ice rink and storage solution

Portable Ice Rink



Middle Rink (15 x 30 ft)
from \$1,900



Save 35% per square foot

Small Rink (20 x 40 ft)
from \$2,200



Medium Rink (25 x 50 ft)
from \$2,900



Save 53% per square foot

Large Rink (30 x 60 ft)
from \$3,600



Save 64% per square foot

XL Rink (40 x 80 ft)
from \$4,900

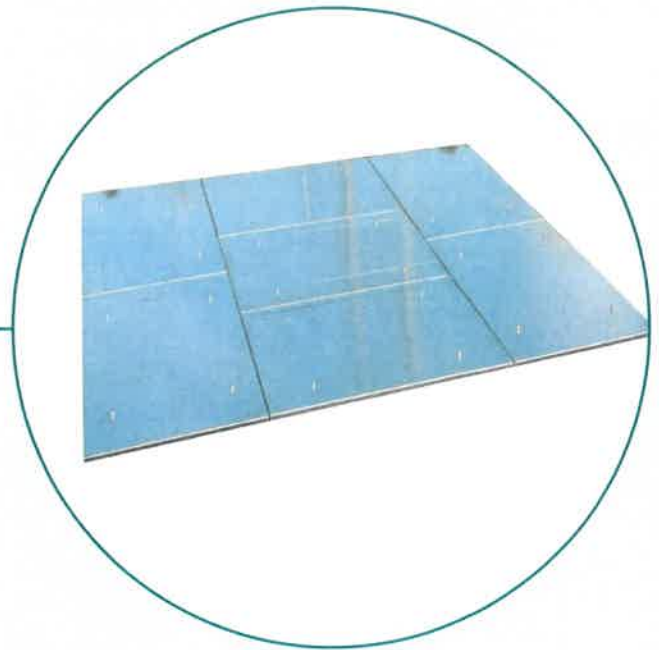


Save 74% per square foot

XXL Rink (60 x 100 ft)
from \$6,500

SSR

Snow Scale SSR is a measuring device for automatic and continuous detection of the snow load on flat roofs.



Properties and benefits

- » Automatic measurement of snow load on roofs
- » Individual alarm features
- » Increase of building protection
- » Simple and easy installation and setup
- » No influence to the roof structure
- » No flow retention because of perforated plates
- » Light operating weight
- » Low maintenance requirement

General

Description

The SSR Snow Scale is a measuring device which has been developed for measuring the snow load on roofs. The SSR is the result of years of research for this purpose of measurement. Especially the changes in the norm of snow load in EU and the increase of snow amount during the last years had been the reasons for Fa. Sommer to develop a new system for snow load measurement on roofs.

The snow scale SSR provides the opportunity for direct monitoring of the current amount of snow. Therefore the snow scale is a perfect decision guidance in load case and makes a big contribution to the area of building security.

Function

The measurement principle of the SSR is based on the measuring principle of load cells. The scale consists of seven perforated plates. The actual measurement process takes place on the center panel, while the six surrounding plates work as a calming zone. The system allows accurate measurement even during periods of rapid snow settlement following large snow accumulations. The large size of the measuring surface increases the reliability of measured values. Additionally the low operation weight allows the use on roofs with low ultimate load.

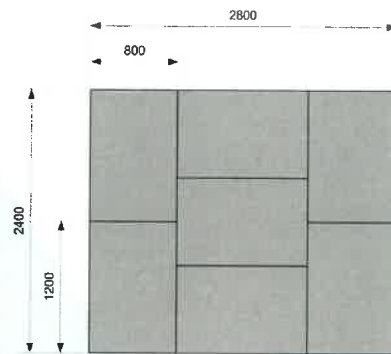


Figure 1: Snow Scale SSR

Installation and set up

The snow scale is easy and simple to install on flat roofs. First, a protective mat is designed and on this the included linkage is positioned. The weight sensor is placed in the middle of the frame. The six calming plates and the central plate are screwed on the frame. Then the fitting

panel is attached to the plates and loaded with weights. Now it's possible to connect the snow scale with the house system and to define the limits.

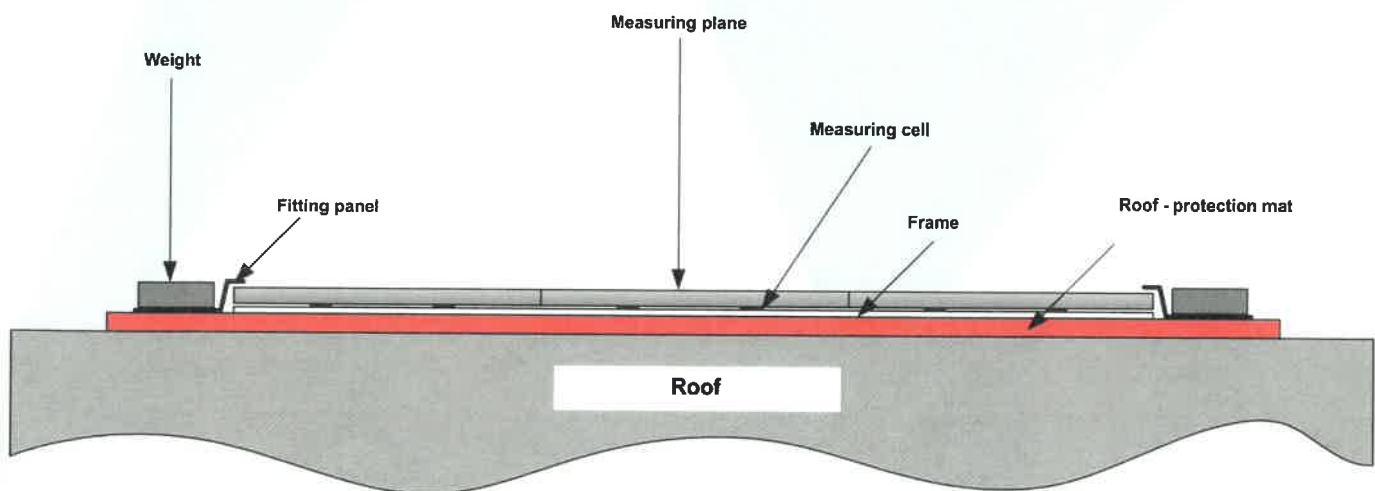


Figure 2: Possible variations to install the snow scale SSR on flat roofs

Alerting

In addition, Sommer Mess-Systemtechnik offers a suitable alerting and datalogger system. Customized solution can be implemented practice-oriented. The alerting systems range from simple acoustic and visual alarms

up to very complex online data services with alerting over SMS, E-Mail or call.

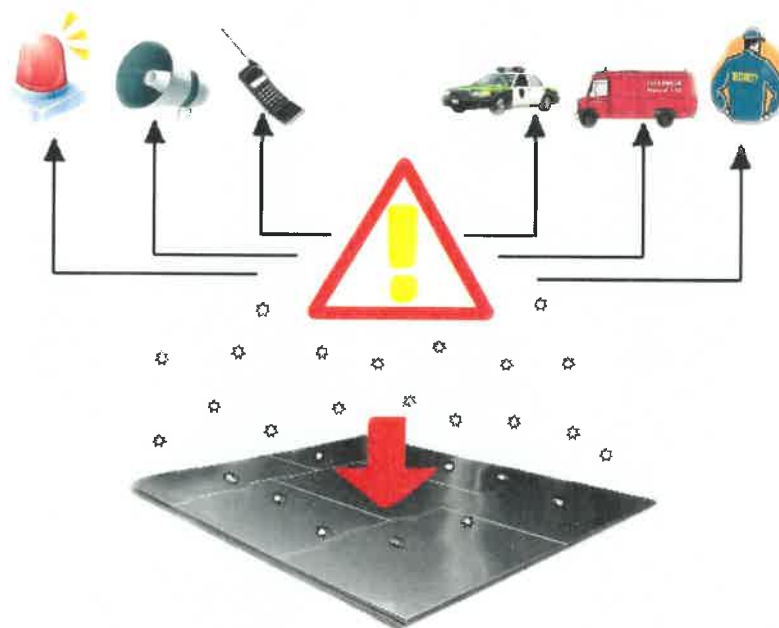


Figure 3: Individual alarming possibility

Sommer Mess-Systemtechnik offers not only individual alerting systems but also interesting possibilities for on-

line data management and visualization. We will be happy to give advise!

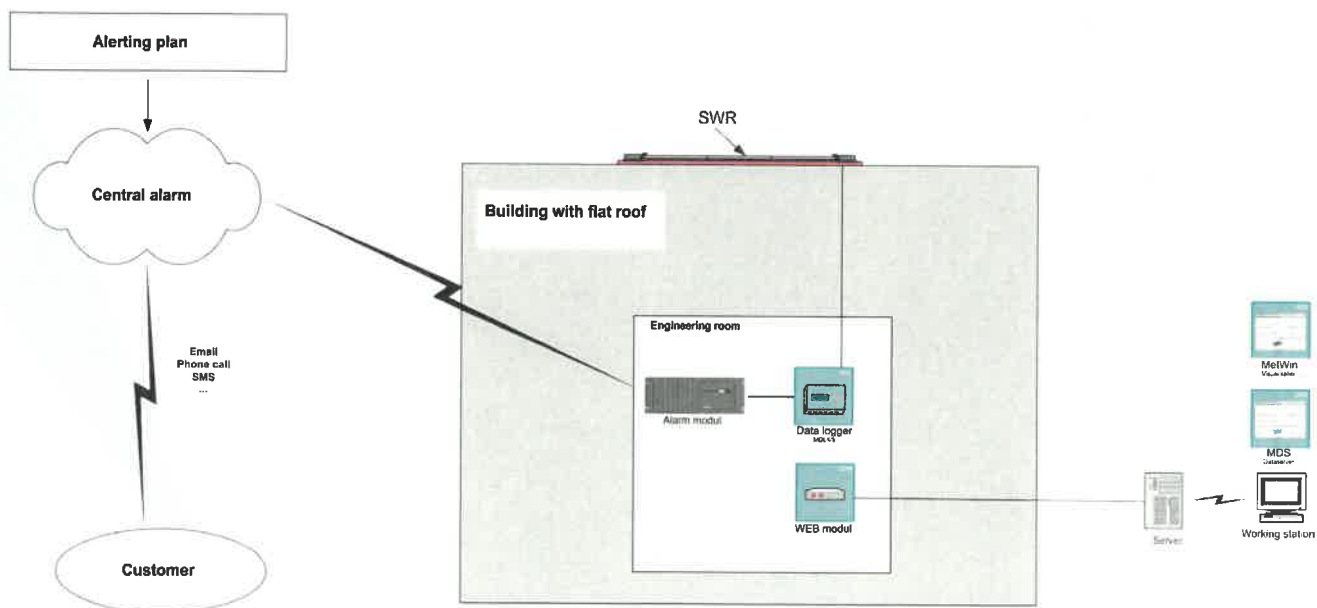


Figure 4: System drawing alarm inclusive online service

Technical Data

General	
Dimensions (mm)	2800 x 2400 x 103 mm
Power supply	11 - 30 VDC
Power input	max. 100 mA
Protection	IP 68
Operating temperature	- 40 ... + 80 °C
Max. inclination	5°
Output	4 - 20 mA
Measurement range	0 - 200 kg/m ² 0 - 500 kg/m ² 0 - 1.000 kg/m ²
Resolution	0.1 kg/m ² (*)
Accuracy	0.3 % (*)
Measuring surface	6.72 m ²
Total weight	110 kg (16.37 kg/m ²)
Optional	<ul style="list-style-type: none"> • Cable • Mounting plate • Alerting system • Data recording system
Packaging	
Europallet (cm)	L = 120 W = 80 H = 100 Weight: about 130 kg
Tube (cm)	L = 320 Ø = 25 Weight: about 42 kg

Power-LOAD[®] cot compatibility

The Power-LOAD compatibility option is available for the Power-PRO XT, Power-PRO IT and Performance-PRO XT. Power-LOAD and Power-PRO XT with X-Restraints meet dynamic crash test standards for occupant safety* and will automatically charge the Power-PRO XT SMRT battery.



Power-PRO XT



Performance-PRO XT



Power-PRO IT

100%

reduction in cot related injuries saved one service \$545,500 in 4.5 years.⁴

99%

of those surveyed agree our Powered System has made their job easier.⁵

\$69,594

cost of a typical strain injury (\$33,140 direct and \$36,454 indirect costs)⁶

* Meets dynamic crash standards for Power-PRO XT (AS/NZS-4535, BS EN-1789 and SAE J3027 with X-restraints) and Performance-PRO XT (BS EN-1789).

Specifications

Model Number	6390
Length	
Overall length	95 in. (241 cm)
Minimum length	89.5 in. (228 cm)
Width	24.5 in. (62 cm)
Weight	
Total weight	211.5 lb (96.5 kg)
Floor plate assembly	16.5 lb (7.5 kg)
Anchor assembly	23 lb (10.5 kg)
Transfer assembly	67 lb (30.5 kg)
Trolley assembly	105 lb (48 kg)
Maximum weight capacity*	700 lb (318 kg)
Minimum operator required	
Occupied cot	2
Unoccupied cot	1
Recommended loading height	22 in to 36 in (56 cm to 91 cm)
Battery	12VCD, 5 Ah lead acid battery (6390-001-468)

Stryker reserves the right to change specifications without notice.

Warranty

- One-year parts, labor, and travel or two-year parts only
- Lifetime on all welds

Extended warranties available.

7-year service life.

Maintenance agreements are available for service beyond its expected service life.

Stryker Corporation or its divisions or other corporate affiliated entities own, use or have applied for the following trademarks or service marks: **Flex Financial, Performance-PRO, Power-LOAD, Power-PRO, ProCare, Stryker**. All other trademarks are trademarks of their respective owners or holder.

*Maximum weight capacity represents patient weight and accessories. Safe working load of 870 lb (395 kg) represents the sum of the cot total weight and patient.
The Power-LOAD Cot Fastener System is designed to conform to the Federal Specification for the Star-of-Life Ambulance KKK-A-1822.

1. Sanders, Mick J. (2011) Mosby’s Paramedic Textbook (4th ed., p. 36)
2. Please contract your sales representative to see if you qualify for the EMS Guarantee.
3. Subject to the terms and conditions of EMS proven to save guarantee agreement.
4.Reference: Stryker (2018). EMSStat – Norman Regional Health System Case Study (Case Study on Power-PRO XT cots and Power-LOAD cot fastening systems). Retrieved from: <http://ems.stryker.com>
5 Reference: Stryker. (2012). Superior Ambulance Case Study [Case Study on Power-PRO XT cots]. Retrieved from: <http://ems.stryker.com>
6. <https://www.osha.gov/dcspp/smallbusiness/safetypays/estimator.html>. As of August 1, 2018 with a 3% profit margin for strain.

Technical support

Our Technical Support comprises a team of professionals available to help with your Performance-LOAD needs. Contact via phone at 1 800 STRYKER or email at medicaltechnicalsupport@stryker.com

Stryker’s ProCare Services

When lives are at stake, you need someone who takes a proactive approach to keeping your equipment up and running.

Imagine having someone dedicated to managing your equipment, who truly understands the intricacies of EMS and can anticipate your needs before an issue even arises. We’ll make sure your lifesaving devices and back-saving equipment is ready when you need it. With ProCare Service, you can count on trusted experts dedicated to caring for your equipment, so you can focus on what truly matters – saving lives.

All ProCare plans include:

- Stryker original equipment manufacturer parts
- Labor and travel expenses.
- Unlimited repairs to restore equipment to manufacturer specifications
- Responsive support from your field service representative
- Option to include preventive maintenance inspections
- Option to include battery service and replacement

Flex Financial Program

Our financial programs provide a range of smart alternatives designed to fit your organization’s needs. We offer flexibility beyond a cash purchase with payment structures that can be customized to meet budgetary needs and help to build long-term financial stability. Contact your account manager for more information.

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Portage, MI 49002 USA
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www.ems.stryker.com



Power-LOAD®
powered fastener system

stryker



Reduce the risk

of injuries when
loading and
unloading cots

Being an EMS worker is a demanding job, both physically and emotionally. The repetition of loading and unloading cots in and out of an ambulance day after day can take its toll on the body.

1 in 4

EMS workers suffer from a career-ending back injury within the first four years of employment.¹



A vertical yellow and black Stryker cot fastening system is visible on the left side of the page. It features a yellow upper section with the Stryker logo and a black lower section with a red safety hook and a yellow warning triangle.

Proven to save guarantee^{2,3}

100% **reduction** in
missed safety hooks

At Stryker we stand behind our products. For qualifying purchasers², upon standardization, Stryker offers a program that guarantees at least a **50% reduction** in cot-related injuries pertaining to raising, lowering, loading and unloading cots and **100% reduction** in missed safety hooks while unloading cots with the Power-PRO and Power-LOAD in full power operation. If not, Stryker will refund the price paid for the Power-PRO cots and Power-LOAD cot fastening systems.³

50% **reduction**
in cot related injuries

Safe

- Dynamically crash tested with the Power-PRO XT cot to meet AS/NZS-4535, BS EN-1789 and SAE J3027, improving caregiver safety in the back of the ambulance.
- Helps minimize patient drops by supporting the cot until its wheels are on the ground.

Durable

- Ergonomically designed to help reduce caregiver injuries, Power-LOAD lifts patients weighing up to 700 pounds.
- Power-LOAD and Power-PRO have been rigorously tested as a system to be reliable throughout the life of the products.

Easy to Use

- Inductively charges your Power-PRO cot SMRT battery when in the transport position.
- Improved guided load and unloaded functionality eliminate the need to steer the cot into and out of the ambulance.
- Wirelessly communicates with your Power-PRO cot to control cot functionality when loading and unloading.



Ada County Paramedics

Stryker's Powered System Brings Injury Reduction and Improved Patient Handling



Power-PRO™ XT Cot & Power-LOAD® Fastening System

When Shawn Rayne, Deputy Director for the Ada County Paramedics considered the current status quo, he found a few things to be alarming. The average tenure had decreased to around eight years, and back injuries continued to be a key contributor to that reduction.

"We want people to retire from here without the life-long effects of a back injury, and every time a patient is lifted, there is a small toll taken on the back."

Shawn and the Ada County team began to re-evaluate their current fleet of Ferno 93H and 93P cots and consider different lift assisting options in EMS that would better serve their patients and providers. 2010 through 2013 saw injury rates of 17, 18, 11, and 14 respectively, and Ada County was ready to look at options that could improve these yearly statistics.

Making strides towards injury reduction

In 2014, the research and consideration for new products had come to completion. Ada County began the process of outfitting their rigs with the Stryker EMS Powered System (Power-PRO™ XT cots and Power-LOAD® cot fasteners). The change was strongly influenced by the interest in improving their employee's well-being and finding ways to best serve their large population in Idaho's Treasure Valley. The team considered multiple options, and in the end determined the Stryker Powered System of equipment would be best in serving their demographic of patients both large and small.

Proven innovation that brings tangible results

Ada County decreased their back injuries from a peak of 10 in 2010 to ZERO in 2014 and 2015 with the assistance of the Power-LOAD cot fastening system and Power-PRO XT cot. This is a reduction that they are proud to provide to their employees.

Keeping a crew of 105 full-time employees healthy is a tall task and one that the Ada County team focuses on each and every day. The service handles a large volume of calls in the highly populated Treasure Valley area and needs employees that are healthy and engaged to keep up with the high demand for care.

Having 13% of their employees experience on the job injuries in 2013 brought a need for action and one that has had a positive impact on the Ada County team.

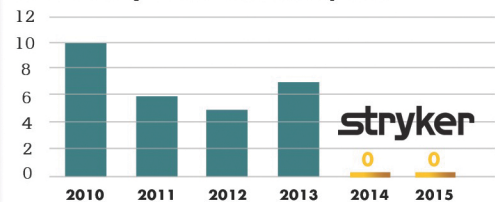
"The investment was worth the reward; and the community has been affected in a positive way through the improved patient handling during loading and unloading."

Ada County was initially attracted to the design and function of the Power-PRO XT and Power-LOAD, but has since become increasingly attracted to the injury reduction and cost savings that the products have provided them.

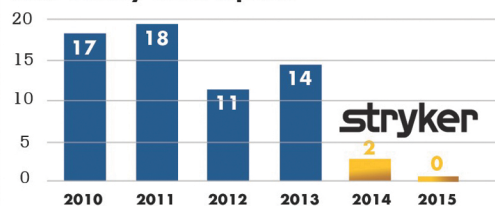
"These Stryker products are now used in our recruitment efforts and advertising for our service. We believe these to be a positive differentiation point for Ada County."

Ada County now sports a full line of Stryker EMS equipment that supports them through all points of the call. Their Stair-PRO chairs assist in the processes involved in going up and down the stairs and extracting patients from facilities, while their powered cots and fasteners dramatically improve the raising and lowering and loading and unloading of patients.

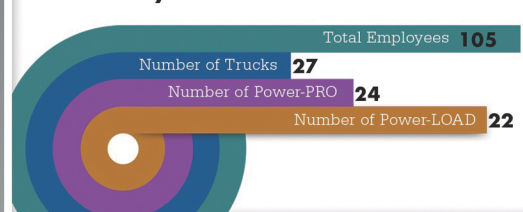
Ada County Back Related Injuries



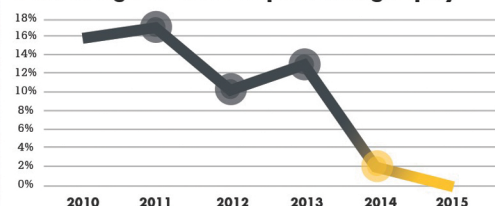
Ada County Total Injuries



Ada County Paramedics



Percentage of Staff Experiencing Injury



Power and Ergonomics that Provide Benefits

Ada County Paramedics realized many of the primary benefits of the Stryker Power-PRO and Power-LOAD including:

- Substantial reduction in patient handling-related injuries
- Improved safety during loading and unloading processes
- Increased productivity by reducing lost and modified days

Improved dynamic crash safety aligning with changing industry requirements

Improvements for EMS Patients

When considering the effects that the Stryker EMS products have had on patients during transport, a few standout thoughts come to mind. Shawn Rayne shared that "Patients have continuously referenced a more comfortable transport environment on these cots and loading systems."

"We believe that this system eliminates multiple lifts from the equation. That goes a long way in our industry and can work to extend our employees careers significantly."

In an industry with a growing obese population, Power-LOAD provides a safe working load of 870 lbs. A 700 lb. patient). The strength of this equipment allows a decreased need to request backup for large patients and truly makes a difference in handling patients of all sizes.

"In 2015 we've experienced ZERO patient drops, and we attribute that largely to the safety mechanisms put into place on both the Power-PRO and Power-LOAD devices."

The team at Ada County has confidence that their investment in safety and improved equipment is one that provides them a return on investment each and every day.

When Deputy Director, Shawn Rayne was asked if he would recommend other services invest in the Stryker Power-PRO XT and Power-LOAD, his simple response was "Absolutely."

Contact your Stryker EMS Account Manager for more information on this important field research.



Powered System

Power-PRO XT & Power-LOAD

Clinical Benefits
Zero Lifting
Battery Management
Guided Load/Unload
Modular System
Crash Rated
Powered Bariatric Solution (XPS)

References

1. Power-PRO XT and Power-LOAD implemented in 2014
2. Power-LOAD only
3. NAEMT. "NAEMT. Four in Five Medics Injured on the Job." EMSWorld.com. Perry, Nancy. 19 Nov. 2005. EMS World. 10 Sept. 2012. <<http://www.emsworld.com/article/10323499/naemt-four-in-five-medics-injured-on-the-job>>.
4. Bureau of Labor Statistics, U.S. Department of Labor. "EMTs and Paramedics." Occupational Outlook Handbook, 2012-2013 Edition. 29 March 2012. Web. <<http://www.bls.gov/ooh/healthcare/emts-and-paramedics.htm#tab-3>>.
5. Bureau of Labor Statistics, U.S. Department of Labor. "Firefighters." Occupational Outlook Handbook, 2012-2013 Edition. 11 July 2012. Web. <<http://www.bls.gov/ooh/protective-service/firefighters.htm#tab-3>>.
6. Liberty Mutual Research Institute for Safety. 2011 Liberty Mutual Workplace Safety Index. 2011. <www.libertymutual.com>.