

Collect. Verify. Connect.



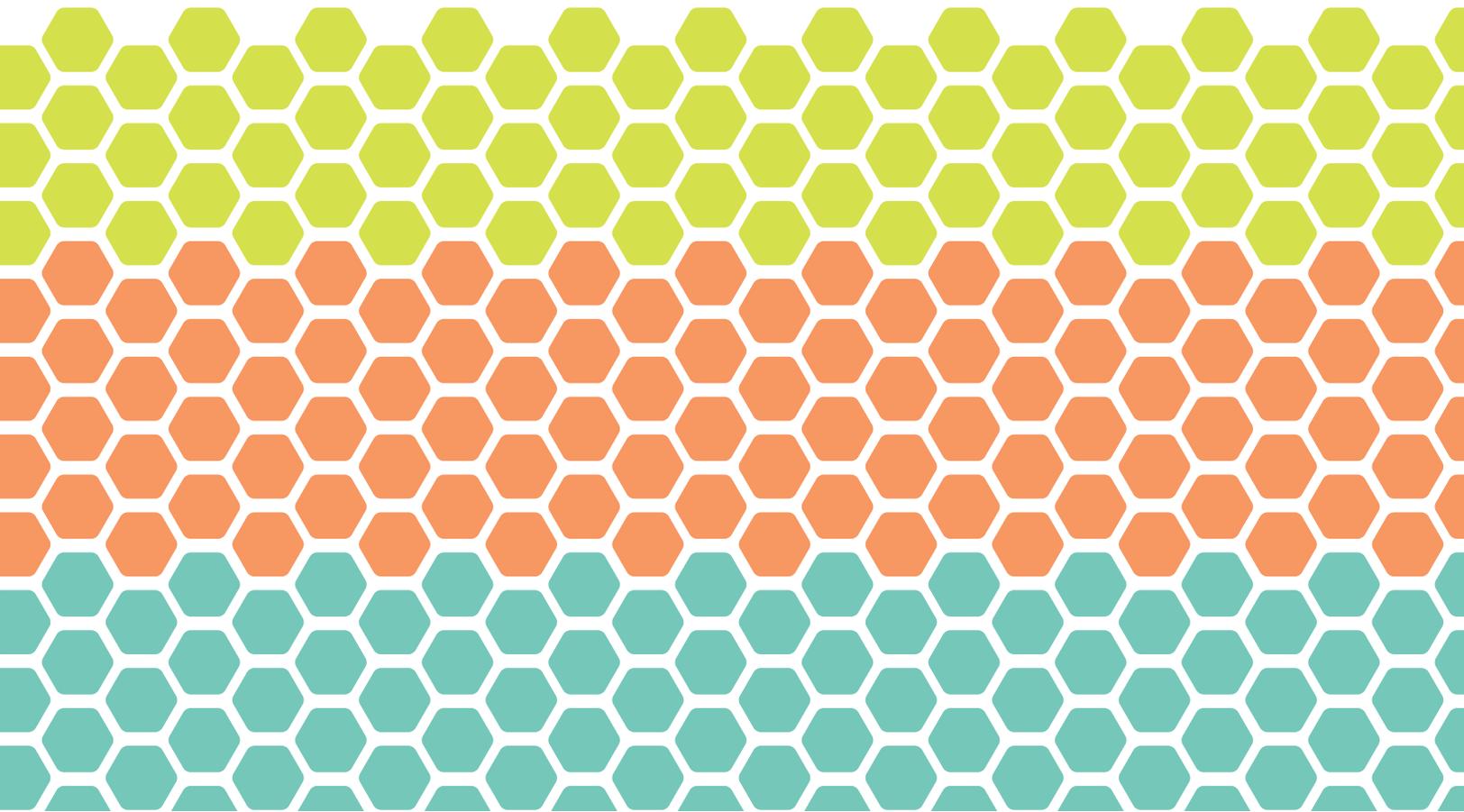
Health & Safety Performance Indicators

U.S. Oil & Gas Industry, 2011 Data

ISN Report No. 1202

September 2012

ISNetworld.com





Health & Safety Performance Indicators

U.S. Oil & Gas Industry, 2011 Data

ISN Report No. 1202

September 2012

ISNetworld.com

Copyright Notice

© 2012 ISN Software Corporation. All rights reserved. The contents of this report and analysis methods are exclusively owned by ISN Software Corporation and are protected by United States and international copyright law. This report is intended solely for access and internal use by actively subscribed ISNetworld subscribing organizations and their active employees. No part of this report may be (i) reproduced, distributed, displayed, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, (ii) sold or distributed for financial or other gain, or (iii) used for any other purpose than expressly set forth above without the prior written permission of ISN Software Corporation. Any trademark, copyright or other notice included in this report may not be altered or removed.

About ISN

ISN (www.ISNetworld.com) is a global leader in contractor and supplier management, continuously growing and supporting the needs of its clients around the world.

ISNetworld, ISN's innovative database, provides a web-based contractor and supplier management system designed to meet corporate and legislatively driven requirements. ISN's Review and Verification Services (RAVS) conducts independent due-diligence on contractor and supplier information through its desktop auditing services. ISN is headquartered in Dallas with additional U.S. offices in Los Angeles and New York, a Canadian office in Calgary, an Australian office in Sydney and a U.K. office in London.

ISN collects and verifies health, safety, environmental, procurement, quality, compliance and other performance data from tens of thousands of contractors and suppliers in the following industries:

- Oil and Gas
- Chemical
- Utilities and Power Generation
- Food, Agriculture, Wood and Paper
- Manufacturing
- Mining
- Facilities Management
- Pharmaceutical and Healthcare

Based on the comprehensive information collected, reviewed and verified, Owner Clients are able to establish customized scoring criteria to readily identify and hire the safest and most qualified contractors and suppliers for their projects.

Hundreds of Owner Clients depend on ISN's products and services to manage, pre-qualify and continuously monitor the performance for their contractors and suppliers.

For more information, visit ISNetworld.com, contact ISN at 1-800-976-1303 or email ISNTeam@isn.com.

Table of Contents

About ISN	1
Preface.....	3
Table 1: 2011 Injury and Illness Rates (TRIR, Nonfatal TRIR, and DART) and Fatalities by NAICS Code.....	4
Table 2: 2011 Injury and Illness Rates (TRIR, Nonfatal TRIR, and DART) and Fatalities by ISN Work Type	16
Appendix 1: Definitions.....	39
Appendix 2: Incident Rate Calculations.....	40
Appendix 3: Analysis Procedure Summary.....	42

Disclaimer

The contents of this report represent an aggregate data compilation and are intended for informational and general guidance purposes only. This report is not intended, and does not, constitute any advice, recommendation or proposal of a particular course of action, by or on behalf of ISN Software Corporation ("ISN"), to any user hereof. While efforts have been made to ensure the accuracy of the information contained in the report, the information is not exhaustive and may contain both material and immaterial errors. ISN does not warrant or represent the accuracy or completeness of any information herein. ISN disclaims any losses, however arising, as a result of a user's reliance on the contents of this report. Before relying on any such material or data, users should carefully make their own assessment as to its accuracy, currency, completeness and relevance for their purposes, and should obtain any appropriate professional advice relevant to their particular circumstances. Any access or use of any information or material contained in this report is at your own risk and constitutes agreement to the terms of this disclaimer.

Preface

ISN gathers and manages a comprehensive range of health, safety and environmental (HSE) performance data from contractors and suppliers in capital-intensive industries. In addition to HSE, procurement, quality and compliance information, annual and quarterly HSE performance statistics are collected through ISN's web-based system, ISNetworld, then reviewed and verified by ISN's Review and Verification Services (RAVS) for accuracy and completion.

The main purpose of this report is to provide ISNetworld member contractors, suppliers and Owner Clients pertinent HSE performance information useful for benchmarking their organization's performance against industry peers.

Collectively, more than 43,000 contractors and suppliers actively report information through ISNetworld, representing more than 10 billion work hours of activity in 2011 alone. A large proportion of the 43,000 contractors (which represents about 5 billion work hours) belong to the U.S. Oil and Gas industry. A rich source of data such as this provides an opportunity for developing industry-specific benchmarking statistics that are unique for their quality, insight and comprehensiveness.

This report specifically covers information pertinent to the U.S. Oil and Gas industry for the year 2011 – utilizing data from contracting companies who work in the U.S. Upstream (Exploration and Production), Midstream (Pipeline and Terminals) and Downstream (Refining) industries. ISN intends to develop similar HSE performance indicator reports annually, as well as for other industries and countries in the future.

The health and safety Key Performance Indicators (KPIs) collected and presented in this report include:

- Total recordable injury and illness rate (TRIR)
- Total nonfatal recordable injury and illness rate (Nonfatal TRIR)
- Days away, restricted or job transfer rate (DART)
- Fatality rate per 100,000 employees
- Total number of fatalities

These KPIs are organized into two tables: **Table 1** provides detailed health and safety performance indicators aggregated by NAICS code. For added granularity, **Table 2** provides performance indicators grouped by ISN Work Type designation. All values in this report are aggregated to preserve the anonymity of contractor and supplier companies. Appendices 1 through 3 provide definitions, calculations and analysis procedures.

It is ISN's hope that users will find the report useful for benchmarking their HSE performance against that of their peers' and for driving continual health and safety performance improvement efforts in the workplace.

Preface

IFM gathers and manages a comprehensive range of health, safety and environmental (HSE) performance data from contractors and suppliers in capital intensive industries. In addition to HSE, procurement, quality and compliance information, annual and quarterly HSE performance indicators are collected through IFM's web based system. IFM works with external auditors to verify the HSE data and the Financial Services (FSC) for accuracy and completion.

The main purpose of this report is to provide IFM network member contractors, suppliers and Client Clients pertinent HSE performance information useful for benchmarking their HSE health performance against industry peers.

Collectively more than 43,000 contractors and suppliers actively report information through IFM's web, representing more than 50 billion work hours of activity in 2011 alone. A large

number of contractors and suppliers are also members of the IFM network, which provides a range of services to its members, including training, consulting and benchmarking services. The IFM network is a leading provider of HSE data and analysis to its members.

The report provides a comprehensive overview of the HSE performance indicators for the year 2011, including a comparison of the industry performance against the 2010 performance. The report also provides a comparison of the industry performance against the 2010 performance. The report also provides a comparison of the industry performance against the 2010 performance.

The health and safety Key Performance Indicators (KPIs) collected and presented in this report include:

- Total recordable injury and illness rate (TRIR)
- Total recordable injury and illness rate (frequency) (TRIF)
- Days away, restricted or job transfer rate (DAJTR)
- Fatality rate per 100,000 employees
- Total number of fatalities

These KPIs are organized into two tables. **Table 1** provides detailed health and safety performance indicators aggregated by IFM's code. For added granularity, **Table 2** provides performance indicators grouped by IFM Work Type designation. All values in this report are aggregated to preserve the anonymity of contractor and supplier companies. Appendices 1 through 3 provide definitions, calculations and analysis procedures.

It is IFM's hope that users will find the report useful for benchmarking their HSE performance against that of their peers and for driving continued health and safety performance improvement efforts in the workplace.