Fair, safe and productive workplaces

# Labour

# Occupational Injuries Amongst Canadian Federal Jurisdiction Employers: 2008-2012

Performance, Analysis, Research and Learning Division, Labour Program October 2014



### **Table of Contents**

1.	Preface	3
2.	Highlights	4
3.	Introduction	5
	Industries under Federal Jurisdiction	5
4.	Occupational Injuries by Federal Jurisdiction Industry Sector	6
	Data Analysis: Injury Incidence and Rates	6
5.	Occupational Injuries for Federal Jurisdiction Employers by Province or Territory	. 15
	Data Analysis: Injury Incidence and Rates	. 15
6.	Data Tables	. 23
	Table 1: Occupational Injuries and Rates in Industries under Federal Jurisdiction by Industry Sector, Canada, 2008 to 2012 <sup>1</sup>	. 23
	Table 2: Occupational Injuries and Rates in Industries under Federal Jurisdiction by Province or Territory, (Including Foreign Worksites), 2008 to 2012 <sup>1</sup>	. 27
	Table 3: Net Actual Change and Net Percentage Change of Occupational Injuries and Rates, in Industries under Canadian Federal Jurisdiction, 2008-2012	. 29
	Table 4: Net Actual Change and Net Percentage Change of Occupational Injuries and Rates, in Canadian Federal Jurisdiction industries, by Province, Territory or Foreign Worksites, 2008 to 2012	. 30
7.	Glossary	. 31

### 1. Preface

The Labour Program, Employment and Social Development Canada (ESDC), maintains a register of employers engaged in federal works, undertakings and businesses. The Employer's Annual Hazardous Occurrence Report (EAHOR) is mailed each year to all federally regulated employers. As stipulated in section 15.10 of the Canada Occupational Health and Safety Regulations, all federally regulated employers must provide information to ESDC by March 1 of each year on the total number of disabling and non-disabling (minor) injuries, fatalities and other hazardous occurrences, the total number of employees (in full-time equivalents), and the total number of hours worked by all employees during the previous calendar year.

This report contains a summary of this statistical occupational injury information on Canadian companies under the federal jurisdiction operating in Canada and at worksites outside of Canada.

In editions of this publication prior to 2000, the disabling injury rate was expressed as the Disabling Injury Frequency Rate (DIFR), which referred to the number of fatal and disabling injuries per million hours worked. Since 2000, the Labour Program has adopted the Disabling Injury Incidence Rate (DIIR) as its principal occupational injuries incidence rate performance measure. In editions since 2000, the DIIR has replaced the DIFR. The DIIR refers to the number of fatal and disabling injuries per 100 employees, expressed as full-time equivalents (FTEs). This rate is now accepted as the definitive measure of work-related injuries and fatalities for employees under the federal jurisdiction in Canada.

### 2. Highlights<sup>1</sup>

- In 2012, the national Disabling Injury Incidence Rate (DIIR) for the federal jurisdiction increased slightly to 1.77 per 100 full-time equivalent employees (FTE) from 1.73 in 2011. Notwithstanding this recent increase, over the five year period from 2008 to 2012, the national rates showed a downward trend, moving from 2.19 in 2008 to 1.77 in 2012 (a 19% decline).
- In 2012, the national Injury Incidence Rate (IIR) (minor and disabling injuries) for the federal jurisdiction increased to 5.23 per 100 full-time equivalent employees (FTE) from 4.80 in 2011. However, like the DIIR, the rates demonstrated a downward trend, declining from 5.71 in 2008 to 5.23 in 2012.
- After the peak of 5.15 fatalities per 100,000 full-equivalent employees (FTE) in 2011, the Fatal Injury Incidence Rate (FIIR) declined to 4.09 fatalities per 100,000 FTEs in 2012, which is a decrease from 4.77 fatalities per 100,000 FTEs in 2008.
- The five federally regulated industry sectors with the highest Disabling Injury Incidence Rates in 2012 were: Long shoring (6.06), Postal Contractors (4.14), Road Transport (4.08), Air Transport (3.33) and Water Transport (3.01).
- The four federally regulated industry sectors with the highest Fatal Injury Incidence Rates in 2012 were Road Transport (16.12), Rail Transport (11.32), Aboriginal (7.38), and Water Transport (7.22).

This statistical report catalogues occupational injuries and fatalities between 2008 and 2012 among employers in Canada under federal jurisdiction. It includes three key statistical performance measures:

<sup>1.</sup> The **Disabling Injuries Incidence Rate (DIIR)** is defined as the total number of disabling and fatal occupational injuries per 100 employees, expressed as full-time equivalents (FTEs)

<sup>2.</sup> The **Injury Incidence Rate (IIR)** is defined as the total number of occupational injuries, of all kinds, (minor, disabling and fatal injuries), per 100 employees, expressed as full-time equivalents (FTEs)

<sup>3.</sup> The **Fatal Injuries Incidence Rate** (**FIIR**) which is a measure of the total number of fatal occupational injuries per 100,000 employees, expressed as full-time equivalents (FTEs).

### 3. Introduction

The purpose of this publication is to provide statistical information and analysis on occupational injuries occurring in federal jurisdiction workplaces for key stakeholder groups and data users in the Occupational Health and Safety (OHS) community in Canada. Stakeholders and data users include employers under the federal jurisdiction, the academic and research community, health and safety organizations, workers' compensation boards, federal government OHS staff and the general public. The material in this publication consists primarily of occupational injury statistics and rates for employers under federal jurisdiction, by industry sector and province or territory for the period of 2008 to 2012.

### **Industries under Federal Jurisdiction**

According to the *Canada Labour Code*, the federal jurisdiction encompasses any work, undertaking or business that is within the legislative authority of the Parliament of Canada. This includes all work deemed to be for the common good of at least two provinces and outside the exclusive legislative authority of provincial legislatures. The industrial sectors included are as follows:

- 1. Aboriginal (ABOR)<sup>2</sup>
- 2. Air Transport (AIRT)
- 3. Banking (BANK)
- 4. Bridges and Tunnels (BRID)
- 5. Broadcasting (BROD)
- 6. Communications (COMM)
- 7. Federal Crown Corporations (CRWN)
- 8. Public Service Departments (PUBS)
- 9. Feed, Flour and Seed Mills (FEED)

- 10. Grain Elevators (GRAN)
- 11. Long shoring (LONG)
- 12. Energy and Mining (ENER)
- 13. Pipelines (PIPE)
- 14. Postal Contractors (POST)
- 15. Rail Transport (RAIL)
- 16. Inter-provincial Road Transport (ROAD)
- 17. Water Transport (WATR)

<sup>&</sup>lt;sup>2</sup> Refers to First Nation businesses or industries.

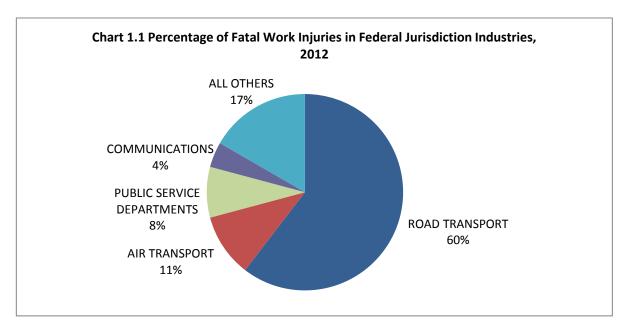
### 4. Occupational Injuries by Federal Jurisdiction Industry Sector

### **Data Analysis: Injury Incidence and Rates**

Nationally, the 2012 Injury Incidence Rate (IIR) for all injuries (minor, disabling and fatal injuries) increased to 5.23 per 100 FTEs, rising above 5.00 per 100 FTEs for the first time since 2009. In 2010 and 2011, the IIR was 4.56 and 4.80 per 100 FTEs respectively (See **Table 1**, pages 23-26).

The national 2012 Disabling Injuries Incidence Rate (DIIR) slightly increased to 1.77 per 100 FTEs (disabling and fatal injuries) from the 2011 DIIR of 1.73. The lowest DIIR for the five year period, 2008-2012, was in 2010 at 1.68. The DIIR decreased from 2.19 in 2008 to 1.88 in 2009.

The total number of work-related fatalities reported for the federal jurisdiction decreased in 2012 to 48 fatalities, down 20% from 60 fatalities in 2011. Aside from the sharp 50% increase from 2010 to 2011, in which the total number of fatalities increased from 40 to 60, the number of fatalities has decreased from year to year over the period of 2008 to 2012. When this is expressed as a rate per 100,000 FTEs, the Fatal Injury Incidence Rate (FIIR) demonstrated a similar pattern, declining in all years over 2008-2012, except in 2011: in 2012 the rate was 4.09 compared to 5.15 in 2011, 3.54 in 2010, 4.56 in 2009 and 4.77 in 2008.

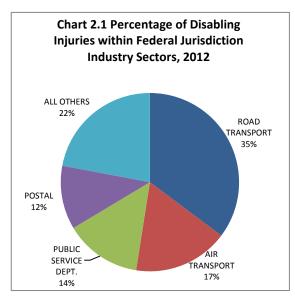


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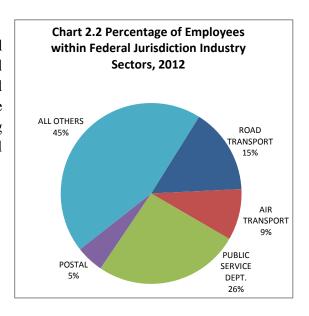
<sup>&</sup>lt;sup>3</sup> Seventeen of the 20 additional fatalities reported in 2011 compared to 2010 were in the Road Transportation industry sector.

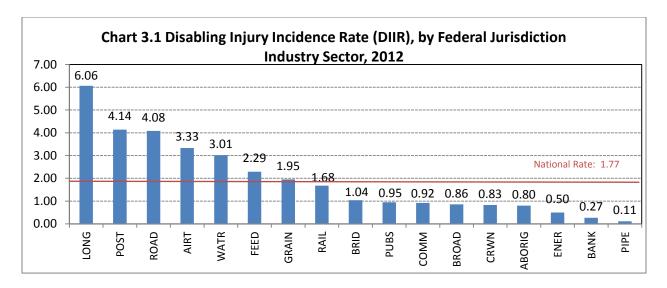
The highest concentration of work-related fatalities in 2012 occurred in Road Transportation, which accounted for 60% (29/48) of all fatalities. The next highest percentage of fatal injuries in 2012 was reported by the Air Transportation industry sector, making up 11% of the total (5/48). Public Service Departments followed at 8%, and closely behind was Communications at 4% of total work-related fatalities. Three other industry sectors together accounted for 17% of the total (Rail Transportation, Water Transportation and Aboriginal). (See **Chart 1.1**) Over half (10/17) of all federal jurisdiction industry sectors reported no (zero) work-related fatalities in 2012.

Road Transportation accounted for just over a third (35%) of all disabling injuries in 2012. This was considerably higher than any other federal jurisdiction industry sector, and was disproportionately so, since Road Transportation comprised only 15% of total federal jurisdiction employees (See **Charts 2.1 and 2.2**). The next three highest reporting industry sectors, Air Transportation, Public Service Departments and Postal Contractors, each represented a similar percentage share of disabling injuries at 17%, 14% and 12% respectively. All other federal jurisdiction industry sectors collectively accounted for the remaining 22% of disabling injuries.

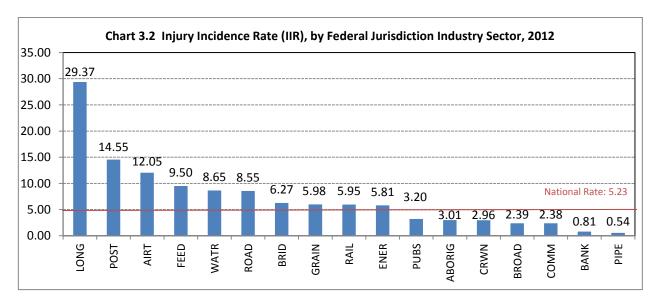


As with Road Transportation, Air Transportation, and Postal Contractors experienced disproportionate percentages of total disabling injuries considering their percentage share of total employees. In the case of Public Service Departments, the situation was more positive as its share of total disabling injuries was disproportionately smaller than its share of total federal jurisdiction employment.

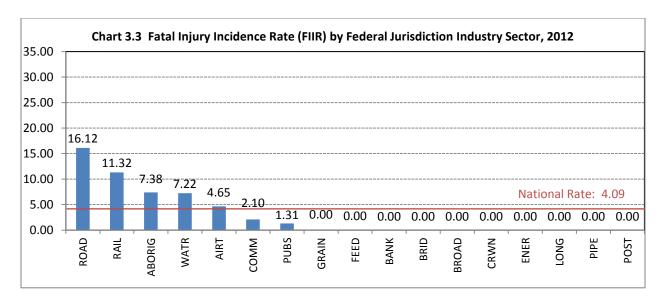




The federal jurisdiction industry sectors with the highest DIIR values in 2012 were Long shoring (6.06), Postal Contractors (4.14), Road Transport (4.08), Air Transport (3.33), Water Transport (3.01), Feed, Flour and Seed (2.29), and Grain Elevators (1.95). All other federal jurisdiction industry sectors reported rates below the national rate of 1.77. The federal jurisdiction industry sectors with the lowest DIIR values in 2012 were Pipelines (0.11) and Banking (0.27). (See **Chart 3.1**)

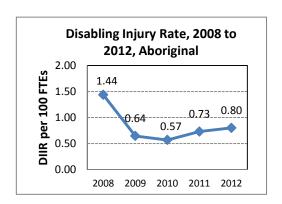


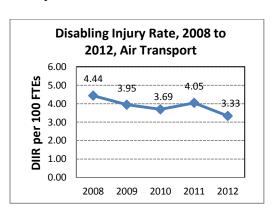
The seven federal jurisdiction industry sectors with the highest Injury Incidence Rates (IIRs) in 2012 were almost the same as those with the highest DIIRs in 2012. The top seven IIRs were in the Long-shoring (29.37), Postal Contractors (14.55), Air Transport (12.05), Feed, Flour and Seed (9.50), Water Transport (8.65), Road Transport (8.55), Bridges and Tunnels (6.27) industry sectors. The IIR of 29.37 in Long shoring was almost six times the national IIR rate of 5.23. At the low end of the IIR spectrum were Pipelines (0.54) and Banking (0.81) – the same industry sectors to report the lowest DIIR values for 2012. (See **Chart 3.2**)

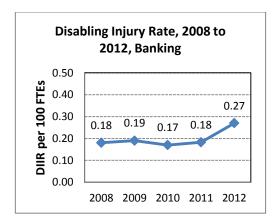


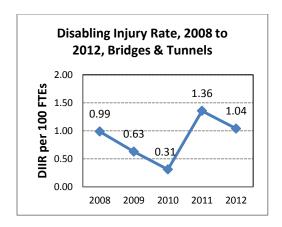
The federal jurisdiction industry sectors that displayed the highest FIIR values in 2012 were: Road Transport (16.12), Rail Transport (11.32), Aboriginal (7.38), Water Transport (7.22) and Air Transport (4.65). The majority of the industry sectors with higher than average FIIRs in 2012 also had above average DIIR and IIR values that same year, the only two exceptions being the Long shoring and Postal Contractor industry sectors. These two, while having both high DIIR and IIR values in the year, reported no work-related fatalities in 2012, as was the case in 2011. (See **Chart 3.3**)

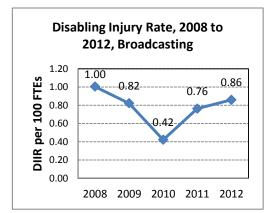
The following 18 charts present the Disabling Injury Incidence Rates recorded for each of the federally regulated industrial sectors for the calendar years 2008 to 2012:

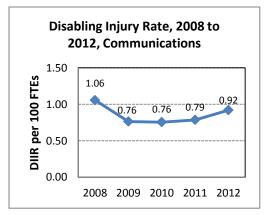


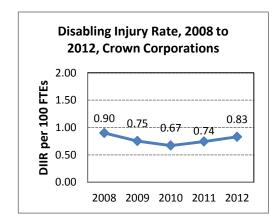


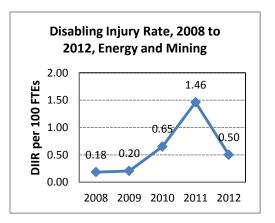


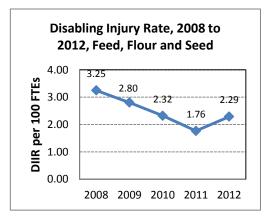


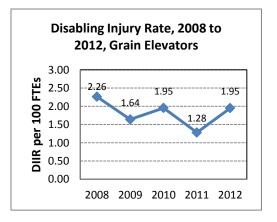


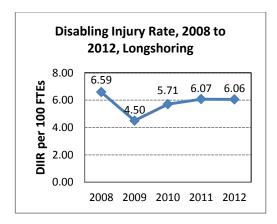


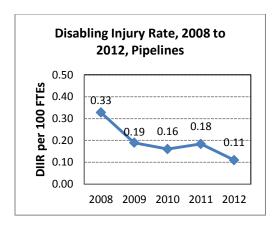


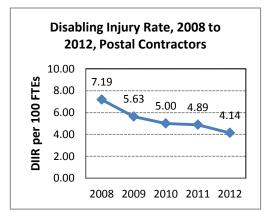


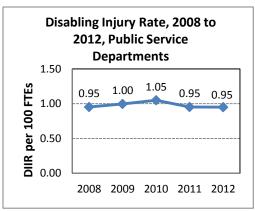


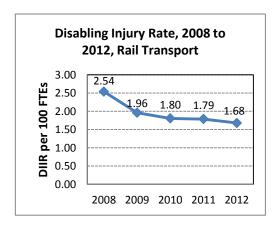


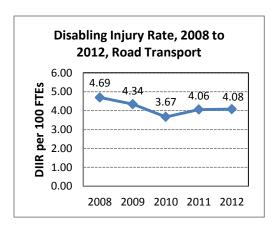


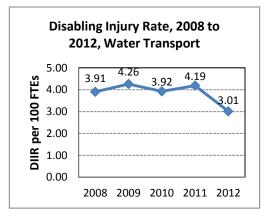


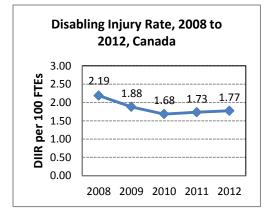




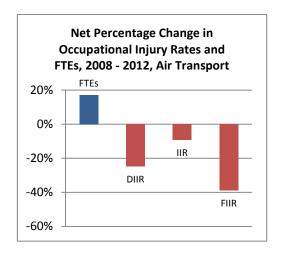


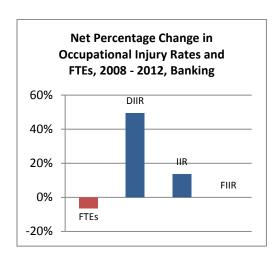


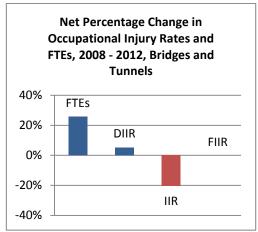


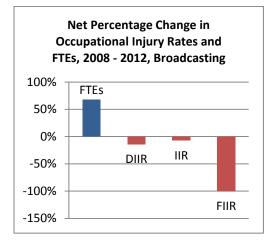


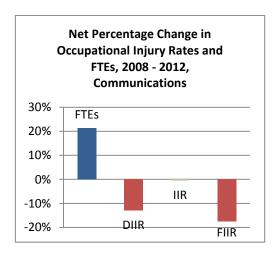
The following 17 charts present the net percentage change in FTEs and each of the three occupational injury incidence rates recorded for federally regulated industrial sectors for the calendar years 2008 to 2012. Please note that data collection for the Aboriginal sector commenced in 2008, and may be subject to under-reporting as compared to subsequent years. Therefore, no chart is included for that industry sector. Please refer to **Table 3** on page 30 for data pertaining to the Aboriginal sector and all other industry sectors.

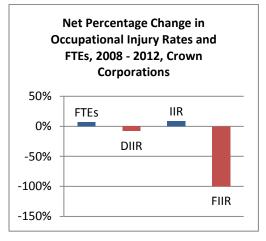


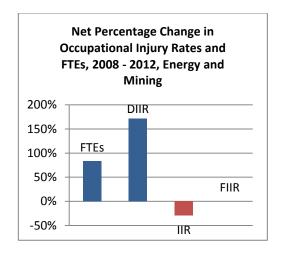


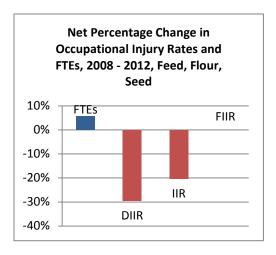


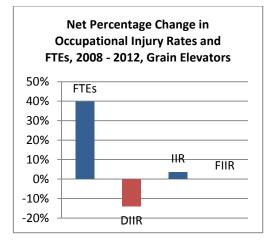


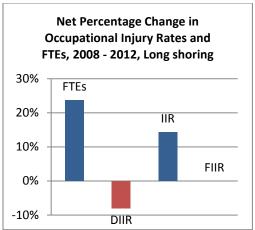


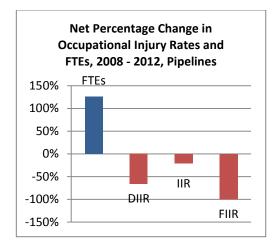


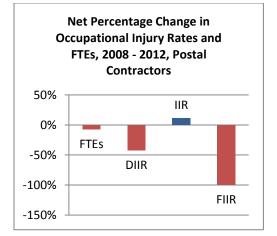


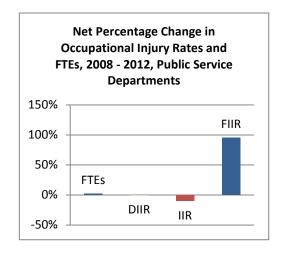


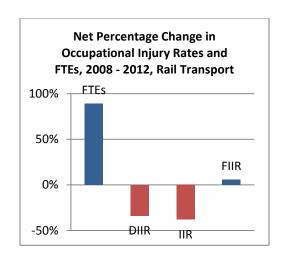


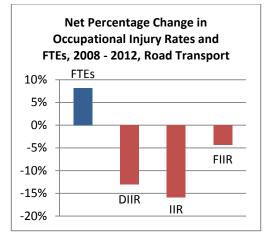


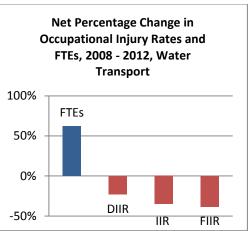


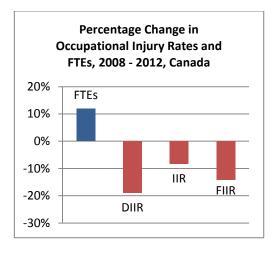










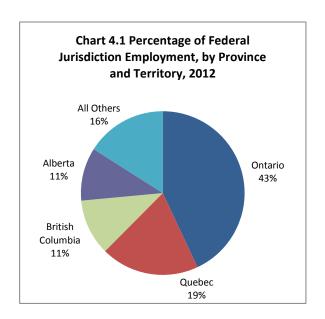


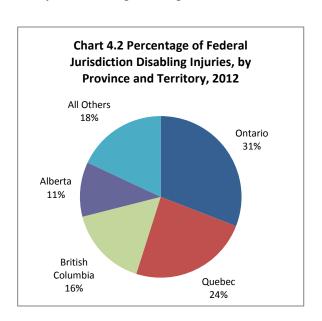
Nine of the 17 industry sectors under federal jurisdiction demonstrated a similar trend to the national data, meaning an increase in FTEs and a decrease in two or more of the three injury incidence rates. DIIR values decreased in 12 of the 17 industry sectors. Only three, (Aboriginal, Public Service Departments and Rail Transportation) showed an increase in their respective FIIR values and all industry sectors, except for Banking and Postal Contractors, showed a decrease in IIR values.

# 5. Occupational Injuries for Federal Jurisdiction Employers by Province or Territory

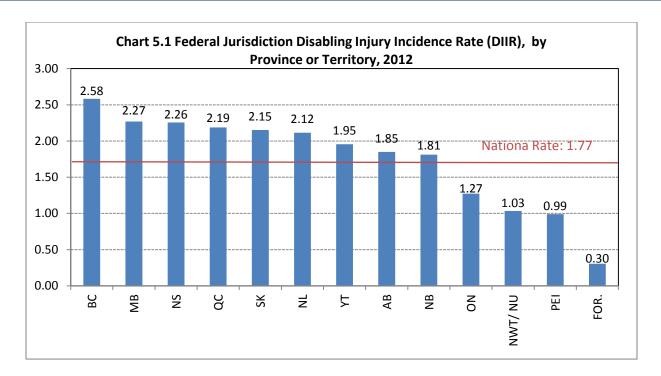
### **Data Analysis: Injury Incidence and Rates**

For the period from 2008 to 2012, Ontario and Quebec represented a combined majority, or 55% of all disabling injuries. This is understandable due to their large combined share (62%) of federal jurisdiction employment. Note that some industry sectors operate in some provinces and territories while not in others and may not have had any operations in a particular province or territory in this period. For example, in 2012, Newfoundland did not report any activity in the Rail Transport sector, and the Northwest Territories did not report any activity in the Long shoring sector.

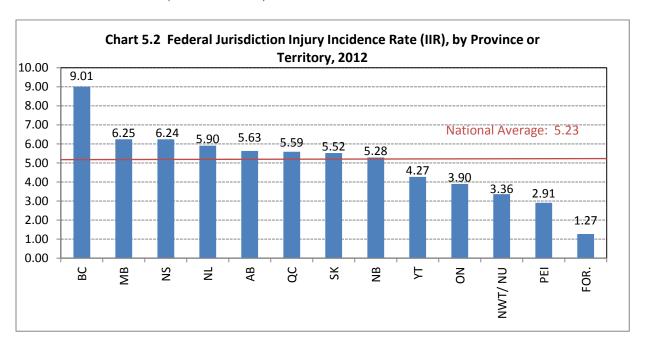




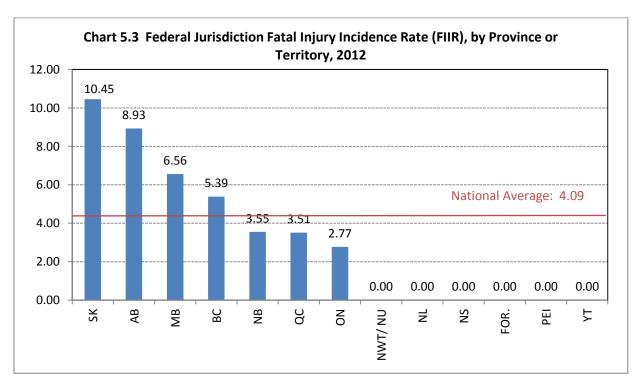
Due to their larger relative populations and accompanying federal jurisdiction workforces, the greatest concentration of disabling workplace injuries in 2012 was in four provinces: Ontario (31%), Quebec (24%), British Columbia (16%) and Alberta (11%). Collectively they accounted for 82% of all disabling injuries in the federal jurisdiction and represented 84% of the full-time equivalent (FTE) employment federal jurisdiction workforce (See **Charts 4.1** and **4.2**).



There were nine provinces and territories with DIIR rates that exceeded the national DIIR figure of 1.77 in 2012. The provinces and territories with the highest DIIR rates for 2012 were: British Columbia (2.58), Manitoba (2.27), Nova Scotia (2.26), Quebec (2.19), Saskatchewan (2.15), Newfoundland (2.12), Yukon (1.95), Alberta (1.85), and New Brunswick (1.81). The only three provinces reporting lower DIIR rates than the national rate in 2012 were Ontario (1.27), Northwest Territories/ Nunavut (1.03) and Prince Edward Island (0.99). Canadian federal jurisdiction employees who worked outside of the country in 2012 accounted for the lowest Disabling Injury Incidence Rate of 0.30 (See Chart 5.1).

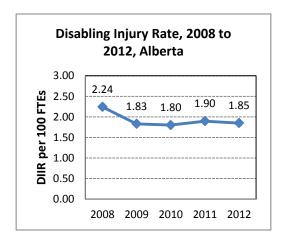


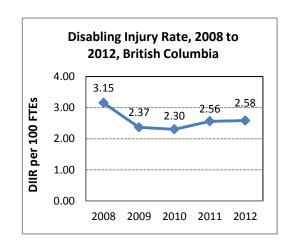
Injury Incidence Rates (IIR) exceeded the national IIR figure of 5.23 in eight provinces and territories in 2012. These provinces were British Columbia (9.01), Manitoba (6.25), Nova Scotia (6.24), Newfoundland (5.90), Alberta (5.63), Quebec (5.59), Saskatchewan (5.52) and New Brunswick (5.28). The lowest IIR rates were seen in the Yukon (4.27), Ontario (3.90), Northwest Territories/ Nunavut (3.36), Prince Edward Island (2.91), and Foreign (1.27), which were all below the national rate. Much like the DIIR, the IIR was highest in British Columbia, Manitoba and Nova Scotia (See **Chart 5.2**).

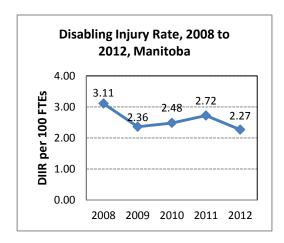


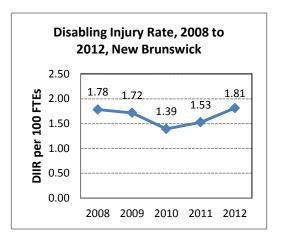
The four provinces with a 2012 Fatal Injury Incidence Rate greater than the national rate were Saskatchewan (10.45), Alberta (8.93), Manitoba (6.56), and British Columbia (5.39). New Brunswick (3.55), Quebec (3.51), and Ontario (2.77) reported FIIRs below the national rate. There were no work-related fatalities in 2012 among federal jurisdiction employees in the Northwest Territories/Nunavut, Newfoundland, Nova Scotia, foreign worksites, Prince Edward Island, or the Yukon. It is noteworthy that, although Ontario and Quebec represent a combined 62% of federal jurisdiction employment, both provinces are below the national FIIR figure (See Chart 5.3).

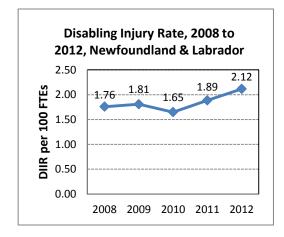
The following 14 charts present the disabling injury incidence rates for each of the provinces and territories, (including foreign employers), as well as the rates for the entire federal jurisdiction in Canada for the calendar years from 2008 to 2012.

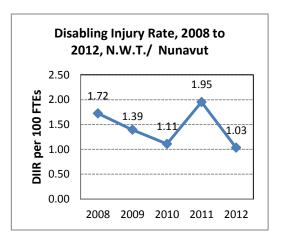


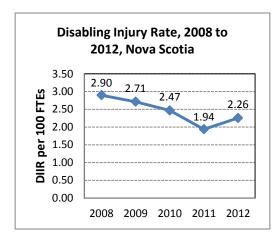


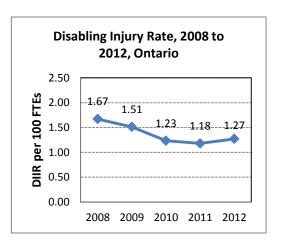


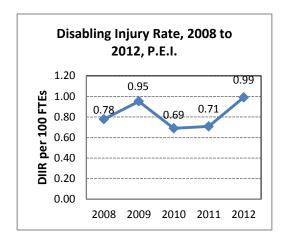


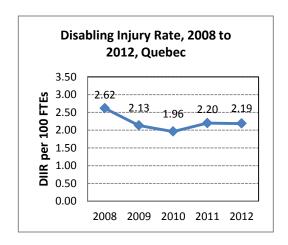


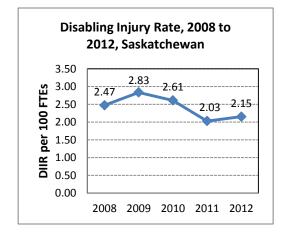


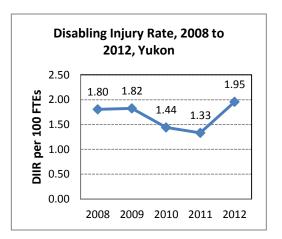


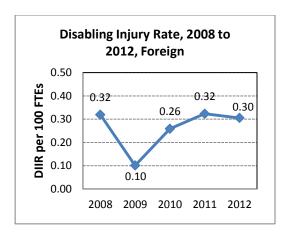


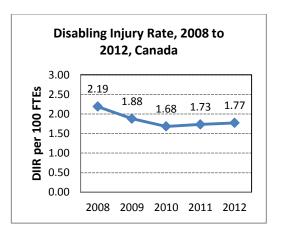




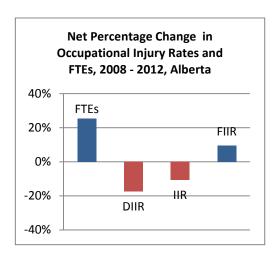


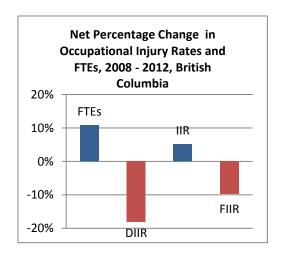


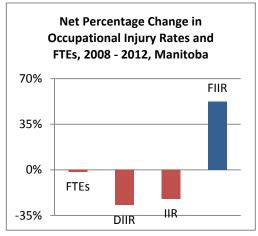


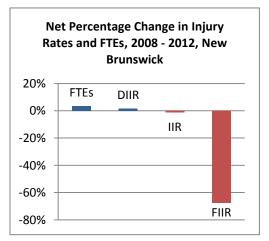


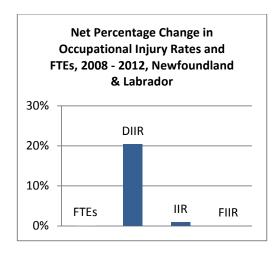
The following 14 charts present the net percentage change in FTEs and in each of the three occupational injury incidence rates for each of the provinces and territories (including foreign employers), as well as the rates for the entire federal jurisdiction in Canada for the calendar years 2008 to 2012. Please refer to **Table 4** on page 31 for additional information of this kind.

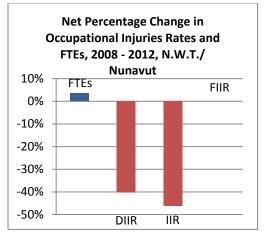


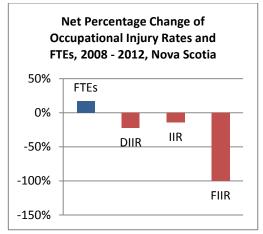


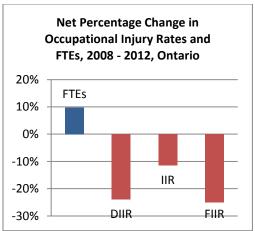


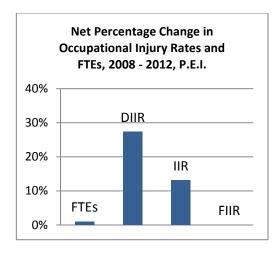


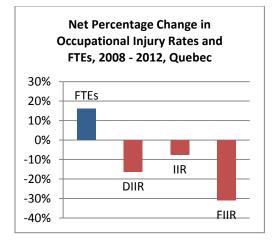


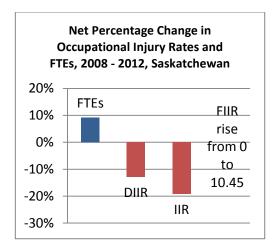


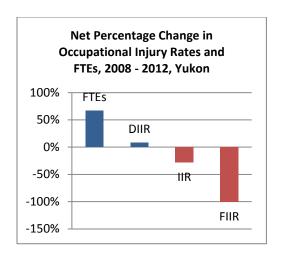


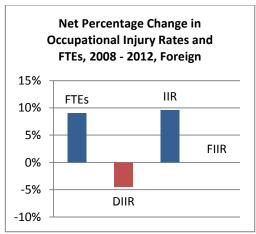


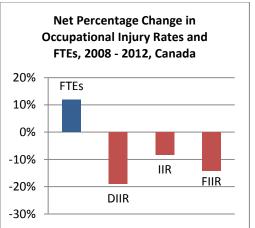












Nine of the 13 provinces or territories (including foreign employers), demonstrated a similar trend to the national data, meaning an increase in FTEs and a decrease in two or more of the three occupational injury incidence rates. As well, a full 10 of the 13 provinces or territories (including foreign employers) either showed a decrease or no change in their respective FIIR values, the exceptions being Alberta, Manitoba and Saskatchewan.

### 6. Data Tables

Table 1:
Occupational Injuries and Rates in Industries under Federal Jurisdiction by Industry Sector, Canada, 2008 to 2012<sup>1</sup>

Industry	Year	Operational		Injuri	es		Employme	ent in FTEs	Total Hours	Injury	Rates	Fatality Rate
Industry	Teal	Activity	Disabling	Fatal	Minor	Total	Total	Office	Worked	DIIR <sup>2</sup>	IIR <sup>3</sup>	FIIR⁴
	2012		215	2	600	817	27,111	15,806	45,958,351	0.80	3.01	7.38
	2011		149	0	538	687	20,442	10,764	33,923,924	0.73	3.36	0.00
Aboriginal	2010		107	1	466	574	19,045	9,901	32,543,476	0.57	3.01	5.25
	2009		92	1	278	371	14,432	7,573	23,148,561	0.64	2.57	6.93
	2008		14	0	31	45	975	507	2,132,454	1.44	4.62	0.00
		Off-board	2,855	2	6,776	9,633	80,407	36,537	142,346,709	3.55	11.98	2.49
	2012	On-board	722	3	2,595	3,320	27,049	0	37,179,324	2.68	12.27	11.09
		Total	3,577	5	9,371	12,953	107,456	36,537	179,526,033	3.33	12.05	4.65
		Off-board	2,994	0	5,948	8,942	64,298	33,155	122,092,109	4.66	13.91	0.00
	2011	On-board	484	10	2,623	3,117	21,925	0	28,263,468	2.25	14.22	45.61
		Total	3,478	10	8,571	12,059	86,223	33,155	150,355,577	4.05	13.99	11.60
		Off-board	2,558	1	4,382	6,941	63,323	32,167	118,815,515	4.04	10.96	1.58
Air Transport	2010	On-board	611	6	1,910	2,527	22,653	0	24,445,266	2.72	11.16	26.49
		Total	3,169	7	6,292	9,468	85,976	32,167	143,260,781	3.69	11.01	8.14
		Off-board	3,062	3	5,934	8,999	68,647	19,913	132,495,428	4.46	13.11	4.37
	2009	On-board	510	4	2,050	2,564	22,070	0	20,390,360	2.33	11.62	18.12
		Total	3,572	7	7,984	11,563	90,717	19,913	152,885,788	3.95	12.75	7.72
		Off-board	3,500	4	5,961	9,465	73,215	21,611	148,776,008	4.79	12.93	5.46
	2008	On-board	568	3	2,168	2,739	18,612	0	26,369,798	3.07	14.72	16.12
		Total	4,068	7	8,129	12,204	91,827	21,611	175,145,806	4.44	13.29	7.62
	2012		547	0	1,113	1,660	206,182	202,407	392,939,682	0.27	0.81	0.00
	2011		416	2	1,094	1,512	228,715	224,386	454,071,479	0.18	0.66	0.87
Banking	2010		393	0	881	1,274	231,085	226,222	402,193,147	0.17	0.55	0.00
	2009		389	0	1,011	1,400	204,712	199,847	377,302,400	0.19	0.68	0.00
	2008		398	0	1,173	1,571	220,330	216,961	377,617,072	0.18	0.71	0.00
	2012		4	0	20	24	383	113	741,558	1.04	6.27	0.00
	2011		4	0	19	23	295	86	549,941	1.36	7.80	0.00
Bridges & Tunnels	2010		1	0	16	17	324	85	711,714	0.31	5.25	0.00
	2009		2	0	14	16	319	89	504,866	0.63	5.02	0.00
	2008		3	0	21	24	304	70	544,863	0.99	7.89	0.00
	2012		522	0	931	1,453	60,915	46,062	115,598,787	0.86	2.39	0.00
	2011		441	0	877	1,318	57,771	40,531	90,980,963	0.76	2.28	0.00
Broadcasting	2010		243	1	660	904	57,893	46,844	74,258,759	0.42	1.56	1.73
	2009		349	1	641	991	42,576	32,718	80,534,930	0.82	2.33	2.35
	2008		364	1	572	937	36,325	22,409	65,134,518	1.00	2.58	2.75
	2000		20.	_	0.2	70.	20,220	,	30,10 .,010	1.00	2.00	20

Table 1:
Occupational Injuries and Rates in Industries under Federal Jurisdiction by Industry Sector, Canada, 2008 to 2012<sup>1</sup>

Industry	Year	Operational		Injuri	ies		Employme	ent in FTEs	Total Hours	Injury	Rates	Fatality Rate
ilidusti y	i cai	Activity	Disabling	Fatal	Minor	Total	Total	Office	Worked	DIIR <sup>2</sup>	IIR <sup>3</sup>	FIIR <sup>4</sup>
	2012		874	2	1,393	2,269	95,237	79,940	182,409,022	0.92	2.38	2.10
	2011		603	3	915	1,521	77,112	61,853	146,955,086	0.79	1.97	3.89
Communications	2010		624	0	818	1,442	82,549	62,070	155,601,115	0.76	1.75	0.00
	2009		633	0	1,178	1,811	82,807	65,524	154,871,916	0.76	2.19	0.00
	2008		827	2	1,046	1,875	78,438	60,556	155,765,029	1.06	2.39	2.55
	2012		296	0	760	1,056	35,722	21,984	66,440,991	0.83	2.96	0.00
	2011		261	0	512	773	35,140	21,982	74,972,449	0.74	2.20	0.00
Crown Corporations	2010		214	0	648	862	31,957	18,825	57,193,410	0.67	2.70	0.00
Corporations	2009		247	0	551	798	32,833	20,460	60,527,789	0.75	2.43	0.00
	2008		298	2	607	907	33,327	20,489	62,801,242	0.90	2.72	6.00
	2012		15	0	159	174	2,994	1,728	5,254,882	0.50	5.81	0.00
	2011		19	0	113	132	1,300	563	2,397,727	1.46	10.15	0.00
Energy and Mining	2010		8	0	132	140	1,229	391	2,259,156	0.65	11.39	0.00
	2009		3	1	151	155	1,955	308	3,490,206	0.20	7.93	51.15
	2008		3	0	131	134	1,629	375	2,825,539	0.18	8.23	0.00
	2012		194	0	610	804	8,464	2,351	16,661,611	2.29	9.50	0.00
	2011		128	1	558	687	7,310	1,948	13,292,232	1.76	9.40	13.68
Feed, Flour and Seed	2010		171	0	519	690	7,367	1,959	13,997,533	2.32	9.37	0.00
Oceu	2009		200	0	516	716	7,135	1,758	13,734,951	2.80	10.04	0.00
	2008		260	0	695	955	8,007	2,104	16,646,288	3.25	11.93	0.00
	2012		167	0	346	513	8,573	3,111	18,064,598	1.95	5.98	0.00
	2011		90	2	218	310	7,184	3,020	14,349,843	1.28	4.32	27.84
Grain Elevators	2010		138	0	156	294	7,068	3,063	14,549,152	1.95	4.16	0.00
	2009		99	0	216	315	6,038	2,533	11,786,577	1.64	5.22	0.00
	2008		139	0	216	355	6,140	2,461	11,879,433	2.26	5.78	0.00
	2012		306	0	1,178	1,484	5,053	1,067	10,537,252	6.06	29.37	0.00
	2011		268	0	1,078	1,346	4,412	829	9,436,372	6.07	30.51	0.00
Long shoring	2010		252	3	1,114	1,369	4,467	1,057	9,652,675	5.71	30.65	67.16
-	2009		113	1	518	632	2,534	642	5,790,164	4.50	24.94	39.46
	2008		269	0	780	1,049	4,083	947	8,267,951	6.59	25.69	0.00
	2012		9	0	36	45	8,281	6,130	14,119,313	0.11	0.54	0.00
	2011		10	0	69	79	5,430	4,057	9,175,340	0.18	1.45	0.00
Pipelines	2010		9	0	24	33	5,598	4,269	10,258,656	0.16	0.59	0.00
	2009		4	0	12	16	2,112	1,518	3,604,277	0.19	0.76	0.00
	2008		11	1	13	25	3,662	2,208	6,590,472	0.33	0.68	27.31

Table 1:
Occupational Injuries and Rates in Industries under Federal Jurisdiction by Industry Sector, Canada, 2008 to 2012<sup>1</sup>

Industry	Year	Operational		Injuri	es		Employmen	t in FTEs	Total Hours	Injury	Rates	Fatality Rate
ilidusti y	I cai	Activity	Disabling	Fatal	Minor	Total	Total	Office	Worked	DIIR <sup>2</sup>	IIR <sup>3</sup>	FIIR <sup>4</sup>
	2012		2,396	0	6,029	8,425	57,892	4,304	85,893,404	4.14	14.55	0.00
	2011		2,852	0	4,586	7,438	58,344	4,489	86,469,160	4.89	12.75	0.00
Postal Contractors	2010		3,008	0	3,128	6,136	60,124	4,543	86,780,055	5.00	10.21	0.00
	2009		3,481	1	3,168	6,650	61,842	4,910	89,027,963	5.63	10.75	1.62
	2008		4,470	3	3,691	8,164	62,251	5,345	93,403,948	7.19	13.11	4.82
	2012		2,888	4	6,915	9,807	306,002	233,210	595,602,288	0.95	3.20	1.31
	2011		3,315	4	7,147	10,466	348,655	230,041	622,725,242	0.95	3.00	1.15
Public Service Departments	2010		3,263	7	7,803	11,073	311,686	230,833	610,496,631	1.05	3.55	2.25
Dopartmonto	2009		3,054	3	7,768	10,825	306,828	225,766	607,962,815	1.00	3.53	0.98
	2008		2,844	2	7,763	10,609	298,957	220,244	602,088,167	0.95	3.55	0.67
		Off-board	290	0	761	1,051	22,507	1,531	44,472,921	1.29	4.67	0.00
	2012	On-board	300	4	747	1,051	12,837	0	25,923,554	2.37	8.19	31.16
		Total	590	4	1,508	2,102	35,344	1,531	70,396,475	1.68	5.95	11.32
		Off-board	457	1	598	1,056	29,559	12,886	59,060,323	1.55	3.57	3.38
	2011	On-board	413	0	595	1,008	19,153	0	38,322,983	2.16	5.26	0.00
		Total	870	1	1,193	2,064	48,712	12,886	97,383,306	1.79	4.24	2.05
		Off-board	442	0	448	890	30,961	6,808	61,635,636	1.43	2.87	0.00
Rail Transport	2010	On-board	382	1	558	941	14,766	0	29,301,014	2.59	6.37	6.77
		Total	824	1	1,006	1,831	45,727	6,808	90,936,650	1.80	4.00	2.19
		Off-board	445	0	1,338	1,783	26,166	1,262	60,019,946	1.70	6.81	0.00
	2009	On-board	354	0	931	1,285	14,594	0	30,729,126	2.43	8.80	0.00
		Total	799	0	2,269	3,068	40,760	1,262	90,749,072	1.96	7.53	0.00
		Off-board	241	1	641	883	12,925	1,211	25,710,377	1.87	6.83	7.74
	2008	On-board	232	1	680	913	5,781	0	11,520,015	4.03	15.79	17.30
		Total	473	2	1,321	1,796	18,706	1,211	37,230,392	2.54	9.60	10.69
	2012		7,306	29	8,041	15,376	179,866	41,705	366,447,510	4.08	8.55	16.12
	2011		6,556	36	7,215	13,807	162,500	34,418	302,498,099	4.06	8.50	22.15
Road Transport	2010		5,785	19	7,405	13,209	158,317	33,552	311,169,211	3.67	8.34	12.00
	2009		6,087	30	6,880	12,997	140,952	31,561	279,211,622	4.34	9.22	21.28
	2008		7,776	28	9,097	16,901	166,237	38,368	342,474,280	4.69	10.17	16.84

Table 1:
Occupational Injuries and Rates in Industries under Federal Jurisdiction by Industry Sector, Canada, 2008 to 2012<sup>1</sup>

Industry	Year	Operational		Injuri	es		ı	Employment i	n FTEs	Total Hours	Injury Rates		Fatality Rate
muusii y	i cai	Activity	Disabling	Fatal	Minor	Total	1	Γotal	Office	Worked	DIIR <sup>2</sup>	IIR <sup>3</sup>	FIIR⁴
		Off-board	486	0	847	1,3	33	18,682	9,333	34,010,792	2.60	7.14	0.00
	2012	On-board	346	2 713 1,0		61	9,008	0	20,036,663	3.86	11.78	22.20	
		Total	832	2	1,560 2,		94	27,690	9,333	54,047,455	3.01	8.65	7.22
	2011	Off-board	332	0 559		89	91	8,688	3,265	16,528,431	3.82	10.26	0.00
		On-board	349	349 1 475 8		82	25	7,605	0	15,869,478	4.60	10.85	13.15
		Total	681	1 1,034 1,		1,7	16	16,293	3,265	32,397,909	4.19	10.53	6.14
		Off-board	484	1	822	130	07	11,824	3,649	21,869,923	4.10	11.05	8.46
Water Transport	2010	On-board	263	0	629	89	92	7,241	0	14,176,548	3.63	12.32	0.00
		Total	747	1	1,451	2,1	99	19,065	3,649	36,046,471	3.92	11.53	5.25
		Off-board	318	0	751	10	69	8,253	2,604	14,867,589	3.85	12.95	0.00
	2009	On-board	295	3	429		27	6,212	0	12,498,848	4.80	11.70	48.29
		Total	613	3	1,180	1,7	96	14,465	2,604	27,366,437	4.26	12.42	20.74
		Off-board	328	1	959	12	88	9,173	3,642	15,708,989	3.59	14.04	10.90
	2008	On-board	336	1	649	98	36	7,882	0	16,184,291	4.28	12.51	12.69
		Total	664	2	1,608	2,2	74	17,055	3,642	31,893,280	3.91	13.33	11.73
	2012		20,738	48	40,570	61,3	356	1,173,165	707,319	2,220,639,212	1.77	5.23	4.09
	2011		20,141	60	35,737	55,9	938	1,165,838	688,273	2,141,934,650	1.73	4.80	5.15
CANADA	2010		18,956	40	32,519	51,5	515	1,129,477	686,238	2,051,908,592	1.68	4.56	3.54
	2009		19,737	48	34,335	54,1	120	1,053,017	618,986	1,982,500,334	1.88	5.14	4.56
	2008		22,881	50	36,894	59,8	325	1,048,253	619,508	1,992,440,734	2.19	5.71	4.77

- **1.** Data provided by federal jurisdiction employers on their Employer's Annual Hazardous Occurrence Report (EAHOR). This table includes data from both the off-board and on-board reports from the transportation industries.
- **2.** Disabling Injury Incidence Rate (DIIR) is the number of disabling and fatal occupational injuries per 100 employees (expressed as full-time equivalents or FTEs).
- **3.** Injury Incidence Rate (IIR) is a measure of all occupational injuries (disabling, fatal and minor) per 100 employees (expressed as full-time equivalents or FTEs).
- **4.** Fatal Injury Incidence Rate (FIIR) is the number of fatal occupational injuries per 100,000 employees (expressed as full-time equivalents or FTEs)

Table 2:
Occupational Injuries and Rates in Industries under Federal Jurisdiction by Province or Territory, (Including Foreign Worksites), 2008 to 2012<sup>1</sup>

Province	Year		Injur	ies		Employme	nt in FTEs	Total Hours Worked	Injury I	Rates	Fatality Rate
		Disabling	Fatal	Minor	Total	Total	Office		DIIR <sup>3</sup>	IIR⁴	FIIR⁵
	2012	2,268	11	4,655	6,934	123,159	56,611	236,580,554	1.85	5.63	8.93
	2011	2,256	12	4,046	6,314	119,544	52,288	229,476,903	1.90	5.28	10.04
Alberta	2010	2,053	4	3,768	5,825	114,239	55,937	213,517,469	1.80	5.10	3.50
	2009	2,088	9	4,800	6,897	114,590	49,742	208,930,867	1.83	6.02	7.85
	2008	2,195	8	3,999	6,202	98,215	49,815	180,664,264	2.24	6.31	8.15
	2012	3,348	7	8,350	11,705	129,922	62,374	238,414,028	2.58	9.01	5.39
	2011	3,541	13	7,446	11,000	138,855	63,044	231,679,997	2.56	7.92	9.36
British Columbia	2010	2,932	10	6,080	9,022	127,773	61,285	231,369,224	2.30	7.06	7.83
	2009	2,893	4	6,121	9,018	122,343	58,971	230,438,480	2.37	7.37	3.27
	2008	3,689	7	6,346	10,042	117,237	57,994	223,736,774	3.15	8.57	5.97
	2012	1,035	3	1,819	2,857	45,739	22,513	90,648,452	2.27	6.25	6.56
	2011	1,240	2	1,995	3,237	45,627	25,610	87,196,023	2.72	7.09	4.38
Manitoba	2010	1,185	1	1,862	3,048	47,790	23,456	91,716,464	2.48	6.38	2.09
	2009	999	2	1,636	2,637	42,398	21,635	79,706,025	2.36	6.22	4.72
	2008	1,444	2	2,297	3,743	46,514	21,839	89,524,963	3.11	8.05	4.30
	2012	509	1	978	1,488	28,156	14,768	55,408,680	1.81	5.28	3.55
	2011	428	0	786	1,214	28,050	15,025	50,569,154	1.53	4.33	0.00
New Brunswick	2010	370	3	840	1,213	26,787	14,363	49,049,559	1.39	4.53	11.20
	2009	458	4	861	1,323	26,915	14,885	49,579,795	1.72	4.92	14.86
	2008	482	3	970	1,455	27,223	14,425	52,754,589	1.78	5.34	11.02
	2012	288	0	516	804	13,617	6,977	27,884,335	2.12	5.90	0.00
	2011	278	1	369	648	14,799	6,939	27,221,995	1.89	4.38	6.76
Newfoundland and Labrador	2010	241	2	401	644	14,747	7,034	27,030,571	1.65	4.37	13.56
and Labrador	2009	239	6	450	695	13,556	6,580	25,002,647	1.81	5.13	44.26
	2008	239	0	557	796	13,601	7,129	26,444,323	1.76	5.85	0.00
	2012	51	0	115	166	4,934	2,118	9,292,083	1.03	3.36	0.00
	2011	83	7	171	261	4,610	2,136	8,563,430	1.95	5.66	151.84
N.W.T./ Nunavut	2010	56	1	183	240	5,141	2,238	9,148,396	1.11	4.67	19.45
Nullavat	2009	74	1	199	274	5,379	1,973	9,539,284	1.39	5.09	18.59
	2008	81	0	215	296	4,699	1,723	8,179,824	1.72	6.30	0.00
	2012	909	0	1,606	2,515	40,273	21,244	76,313,281	2.26	6.24	0.00
	2011	745	1	1,349	2,095	38,510	19,001	73,012,354	1.94	5.44	2.60
Nova Scotia	2010	866	0	1,303	2,169	35,085	16,049	63,337,634	2.47	6.18	0.00
	2009	900	4	1,216	2,120	33,322	15,855	61,214,461	2.71	6.36	12.00
	2008	994	1	1,501	2,496	34,331	16,575	64,526,471	2.90	7.27	2.91
	2012	6,406	14	13,247	19,667	504,622	350,272	946,939,552	1.27	3.90	2.77
	2012	5,949	15	11,162	17,126	505,730	345,583	930,109,665	1.18	3.39	2.97
Ontario	2010	6,124	9	10,794	16,927	496,863	350,446	873,241,228	1.23	3.41	1.81
	2009	6,716	8	11,955	18,679	444,163	300,044	850,003,242	1.51	4.21	1.80
	2009	7,665	17	12,531	20,213	459,799	305,279	876,388,454	1.67	4.40	3.70

Table 2:
Occupational Injuries and Rates in Industries under Federal Jurisdiction by Province or Territory, (Including Foreign Worksites), 2008 to 2012<sup>1</sup>

Province	Year		Injur	ies		Employme	nt in FTEs	Total Hours Worked	Injury I	Rates	Fatality Rate
		Disabling	Fatal	Minor	Total	Total	Office		DIIR <sup>3</sup>	IIR⁴	FIIR⁵
	2012	63	0	122	185	6,363	4,107	11,960,814	0.99	2.91	0.00
	2011	31	0	92	123	4,380	2,565	8,386,839	0.71	2.81	0.00
P.E.I.	2010	42	0	141	183	6,092	4,000	11,011,735	0.69	3.00	0.00
	2009	42	1	74	117	4,520	2,621	8,077,101	0.95	2.59	22.12
	2008	49	0	113	162	6,301	4,334	11,973,124	0.78	2.57	0.00
	2012	4,978	8	7,748	12,734	227,968	140,335	431,946,782	2.19	5.59	3.51
	2011	4,762	2	6,738	11,502	216,772	130,492	392,190,974	2.20	5.31	0.92
Quebec	2010	4,071	8	5,740	9,819	207,968	127,130	392,187,551	1.96	4.72	3.85
	2009	4,245	6	5,542	9,793	199,321	121,964	371,813,355	2.13	4.91	3.01
	2008	5,133	10	6,726	11,869	196,588	117,946	366,589,238	2.62	6.04	5.09
	2012	820	4	1,290	2,114	38,271	16,967	75,806,166	2.15	5.52	10.45
	2011	780	7	1,386	2,173	38,800	17,843	84,590,546	2.03	5.60	18.04
Saskatchewan	2010	974	1	1,292	2,267	37,347	16,758	71,102,765	2.61	6.07	2.68
	2009	1,047	3	1,324	2,374	37,044	17,248	69,807,962	2.83	6.41	8.10
	2008	867	0	1,528	2,395	35,064	15,434	75,212,339	2.47	6.83	0.00
	2012	38	0	45	83	1,944	1,050	3,498,548	1.95	4.27	0.00
	2011	20	0	91	111	1,503	832	2,890,533	1.33	7.39	0.00
Yukon	2010	21	1	60	82	1,528	778	2,659,826	1.44	5.37	65.47
	2009	28	0	70	98	1,535	745	2,692,132	1.82	6.39	0.00
	2008	19	2	48	69	1,164	567	2,074,190	1.80	5.93	171.82
	2012	25	0	79	104	8,197	7,983	15,945,937	0.30	1.27	0.00
	2011	28	0	106	134	8,661	6,916	16,046,237	0.32	1.55	0.00
Foreign <sup>2</sup>	2010	21	0	55	76	8,117	6,766	16,536,170	0.26	0.94	0.00
	2009	8	0	87	95	7,933	6,726	15,694,982	0.10	1.20	0.00
	2008	24	0	63	87	7,517	6,448	14,372,181	0.32	1.16	0.00
	2012	20,738	48	40,570	61,356	1,173,165	707,319	2,220,639,212	1.77	5.23	4.09
	2011	20,141	60	35,737	55,938	1,165,838	688,273	2,141,934,650	1.73	4.80	5.15
CANADA	2010	18,956	40	32,519	51,515	1,129,477	686,238	2,051,908,592	1.68	4.56	3.54
	2009	19,737	48	34,335	54,120	1,053,017	618,986	1,982,500,334	1.88	5.14	4.56
	2008	22,881	50	36,894	59,825	1,048,253	619,508	1,992,440,734	2.19	5.71	4.77

- **1.** Data provided by federal jurisdiction employers on their Employer's Annual Hazardous Occurrence Report (EAHOR). This table includes data from both the off-board and on-board reports from the transportation industries.
- **2.** Refers to occupational injuries and rates reported for worksites in industries under federal jurisdiction that are located outside of Canada
- **3.** Disabling Injury Incidence Rate (DIIR) is the number of disabling and fatal occupational injuries per 100 employees (expressed as full-time equivalents or FTEs).
- **4.** Injury Incidence Rate (IIR) is a measure of all occupational injuries (disabling, fatal and minor) per 100 employees (expressed as full-time equivalents or FTEs).
- **5.** Fatal Injury Incidence Rate (FIIR) is the number of fatal occupational injuries per 100,000 employees (expressed as full-time equivalents or FTEs)

Table 3:
Net Actual Change and Net Percentage Change of Occupational Injuries and Rates, in Industries under Canadian Federal Jurisdiction, 2008-2012

		Changes	in FTEs			Chan	ges in DII	R		Chan	ges in IIR			Chan	ges in FIII	R
Industry	2008	2012	Actual Change	% Change	2008	2012	Actual Change	% Change	2008	2012	Actual Change	% Change	2008	2012	Actual Change	% Change
Aboriginal <sup>1</sup>	975	27,111	26,136	2681%	1.44	0.80	-0.64	-44%	4.62	3.01	-1.61	-35%	0.00	7.38	7.38	Increased from 0.00 to 7.38
Air Transport	91,827	107,456	15,629	17%	4.44	3.33	-1.10	-25%	13.29	12.05	-1.24	-9%	7.62	4.65	-2.97	-39.0%
Banking	220,330	206,182	-14,148	-6%	0.18	0.27	0.09	49%	0.71	0.81	0.10	14%	0.00	0.00	0.00	No Change
Bridges and Tunnels	304	383	79	26%	0.99	1.04	0.05	5%	7.89	6.27	-1.62	-21%	0.00	0.00	0.00	No Change
Broadcasting	36,325	60,915	24,590	68%	1.00	0.86	-0.14	-14%	2.58	2.39	-0.19	-7%	2.75	0.00	-2.75	-100.0%
Communications	78,438	95,237	16,799	21%	1.06	0.92	-0.14	-13%	2.39	2.38	-0.01	0%	2.55	2.10	-0.45	-17.6%
Crown Corporations	33,327	35,722	2,395	7%	0.90	0.83	-0.07	-8%	2.72	2.96	0.24	9%	6.00	0.00	-6.00	-100.0%
Energy and Mining	1,629	2,994	1,365	84%	0.18	0.50	0.32	171%	8.23	5.81	-2.42	-29%	0.00	0.00	0.00	No Change
Feed, Flour, Seed	8,007	8,464	457	6%	3.25	2.29	-0.96	-29%	11.93	9.50	-2.43	-20%	0.00	0.00	0.00	No Change
Grain Elevators	6,140	8,573	2,433	40%	2.26	1.95	-0.31	-14%	5.78	5.98	0.20	3%	0.00	0.00	0.00	No Change
Long shoring	4,083	5,053	970	24%	6.59	6.06	-0.53	-8%	25.69	29.37	3.68	14%	0.00	0.00	0.00	No Change
Pipelines	3,662	8,281	4,619	126%	0.33	0.11	-0.22	-66%	0.68	0.54	-0.14	-21%	27.31	0.00	-27.31	-100.0%
Postal contractors	62,251	57,892	-4,359	-7%	7.19	4.14	-3.05	-42%	13.11	14.55	1.44	11%	4.82	0.00	-4.82	-100.0%
Public Service Departments	298,957	306,002	7,045	2%	0.95	0.95	0.00	0%	3.55	3.20	-0.35	-10%	0.67	1.31	0.64	95.4%
Rail Transport	18,706	35,344	16,638	89%	2.54	1.68	-0.86	-34%	9.60	5.95	-3.65	-38%	10.69	11.32	0.63	5.9%
Road Transport	166,237	179,866	13,629	8%	4.69	4.08	-0.61	-13%	10.17	8.55	-1.62	-16%	16.84	16.12	-0.72	-4.3%
Water Transport	17,055	27,690	10,635	62%	3.91	3.01	-0.89	-23%	13.33	8.65	-4.69	-35%	11.73	7.22	-4.50	-38.4%
Canada	1,048,253	1,173,165	124,912	12%	2.19	1.77	-0.42	-19%	5.71	5.23	-0.48	-8%	4.77	4.09	-0.68	-14.2%

<sup>1.</sup> Please note that data collection for this sector commenced in 2008. Data for 2008 may be subject to under-reporting, as compared to subsequent years (2009-2012).

Table 4:
Net Actual Change and Net Percentage Change of Occupational Injuries and Rates, in Canadian Federal Jurisdiction industries, by Province,
Territory or Foreign Worksites, 2008 to 2012

		Changes	s in FTEs			Change	es in DIIR			Chan	ges in IIR			Change	es in FIIR	
Industry	2008	2012	Actual Change	% Change	2008	2012	Actual Change	% Change	2008	2012	Actual Change	% Change	2008	2012	Actual Change	% Change
Alberta	98,215	123,159	24,944	25%	2.24	1.85	-0.39	-18%	6.31	5.63	-0.68	-11%	8.15	8.93	0.79	10%
British Columbia	117,237	129,922	12,685	11%	3.15	2.58	-0.57	-18%	8.57	9.01	0.44	5%	5.97	5.39	-0.58	-10%
Manitoba	46,514	45,739	-775	-2%	3.11	2.27	-0.84	-27%	8.05	6.25	-1.80	-22%	4.30	6.56	2.26	53%
New Brunswick	27,223	28,156	933	3%	1.78	1.81	0.03	2%	5.34	5.28	-0.06	-1%	11.02	3.55	-7.47	-68%
Newfoundland & Labrador	13,601	13,617	16	0%	1.76	2.12	0.36	20%	5.85	5.90	0.05	1%	0.00	0.00	0.00	No Change
N.W.T./ Nunavut	4,699	4,934	235	5%	1.72	1.03	-0.69	-40%	6.30	3.36	-2.93	-47%	0.00	0.00	0.00	No Change
Nova Scotia	34,331	40,273	5,942	17%	2.90	2.26	-0.64	-22%	7.27	6.24	-1.03	-14%	2.91	0.00	-2.91	-100%
Ontario	459,799	504,622	44,823	10%	1.67	1.27	-0.40	-24%	4.40	3.90	-0.50	-11%	3.70	2.77	-0.92	-25%
P.E.I.	6,301	6,363	62	1%	0.78	0.99	0.21	27%	2.57	2.91	0.34	13%	0.00	0.00	0.00	No Change
Quebec	196,588	227,968	31,380	16%	2.62	2.19	-0.43	-16%	6.04	5.59	-0.45	-7%	5.09	3.51	-1.58	-31%
Saskatchewan	35,064	38,271	3,207	9%	2.47	2.15	-0.32	-13%	6.83	5.52	-1.31	-19%	0.00	10.45	10.45	Increased from 0.00 to 10.45
Yukon	1,164	1,944	780	67%	1.80	1.95	0.15	8%	5.93	4.27	-1.66	-28%	171.82	0.00	-171.82	-100%
Foreign	7,517	8,197	680	9%	0.32	0.30	-0.01	-4%	1.16	1.27	0.11	10%	0.00	0.00	0.00	No Change
CANADA	1,048,253	1,173,165	124,912	12%	2.19	1.77	-0.42	-19%	5.71	5.23	-0.48	-8%	4.77	4.09	-0.68	-14%

### 7. Glossary

The following definitions are provided for the purposes of this publication only.

# Disabling Injury

Any occupation injury or disease that:

- 1. prevents an employee from reporting for work, or from effectively performing all the duties connected with the employee's regular work, on any day subsequent to the day on which the occupational injury occurred, whether or not that subsequent day is a working day for that employee;
- 2. results in the loss by an employee of a body member or a part thereof, or in a complete loss of the usefulness of a body member or part thereof; or
- **3.** results in the permanent impairment of a bodily function of an employee.

# Disabling Injury Incidence Rate (DIIR)

Defined as the total number of disabling and fatal occupational injuries per 100 employees, expressed as full-time equivalents (FTEs). It is calculated by taking the sum of the total number of disabling and fatal injuries on the job, dividing that by the total number of FTEs and multiplying by 100.

### **Employee**

Any person who has entered into or is employed under a contract of service or apprenticeship, written or oral, expressed or implied, whether by way of manual labour or otherwise, as well as any other person subject to the provisions of a workers' compensation board act or any direction or order of a board.

### **Employment**

- 1. All work or activities performed in carrying out assignments or requests made by the employer. It includes related activities not specifically covered by an assignment or request.
- **2.** Any voluntary work or activities undertaken while on duty for the benefit of the employer.
- **3.** Any activities undertaken while on duty with the consent or approval of the employer.

### **Fatal Injury**

An occupational injury or disease resulting in death.

### Fatal Injury Incidence Rate

Defined as the total number of fatal occupational injuries per 100,000 employees. It is calculated by taking the total number of

### (FIIR)

fatal injuries on the job, dividing that by the total number of employees (expressed as full-time equivalents) and multiplying by 100,000.

### Federal Jurisdiction

Federal jurisdiction covers those works, undertakings or businesses that are within the legislative authority of Parliament. It also includes any work declared to be for the general advantage of two or more provinces outside the exclusive authority of the provincial legislatures. Federal jurisdiction defined under the *Canada Labour Code* covers specific industries and their infrastructures (see **Section 2** of this publication).

### Full-time Equivalent (FTE)

Refers to the employment of one person full time, or more than one person part time, such that the total working time is the equivalent of one person working full time. FTEs are measured in person-years. For instance, 100 people employed full time equals 100 FTEs; 10 people employed half time equals 5 FTEs; and all 110 people combined represent 105 FTEs.

### Injury Incidence Rate (IIR)

Defined as the total number of occupational injuries (of all kinds) per 100 employees. The Injury Incidence Rate is calculated by taking the total number of occupational injuries of all kinds, including minor, disabling and fatal injuries, multiplying that number by 100 and dividing by the total number of employees (expressed as full-time equivalents).

### **Minor Injury**

An occupation injury or disease, excluding disabling injuries, for which treatment at a medical facility is provided.

## Occupational Injury

Any injury, disease or illness incurred by an employee in the performance of, or in connection with, his or her work.

### Off-board

Pertains to air, rail or water transportation industry employers only. This refers to all activities of employers in these industries other than those activities taking place on-board the aircraft, trains or marine vessels while they are in operation.

### **On-board**

Pertains to air, rail or water transportation industry employers only. This refers only to on-board activities taking place on aircraft, trains or marine vessels while they are in operation.