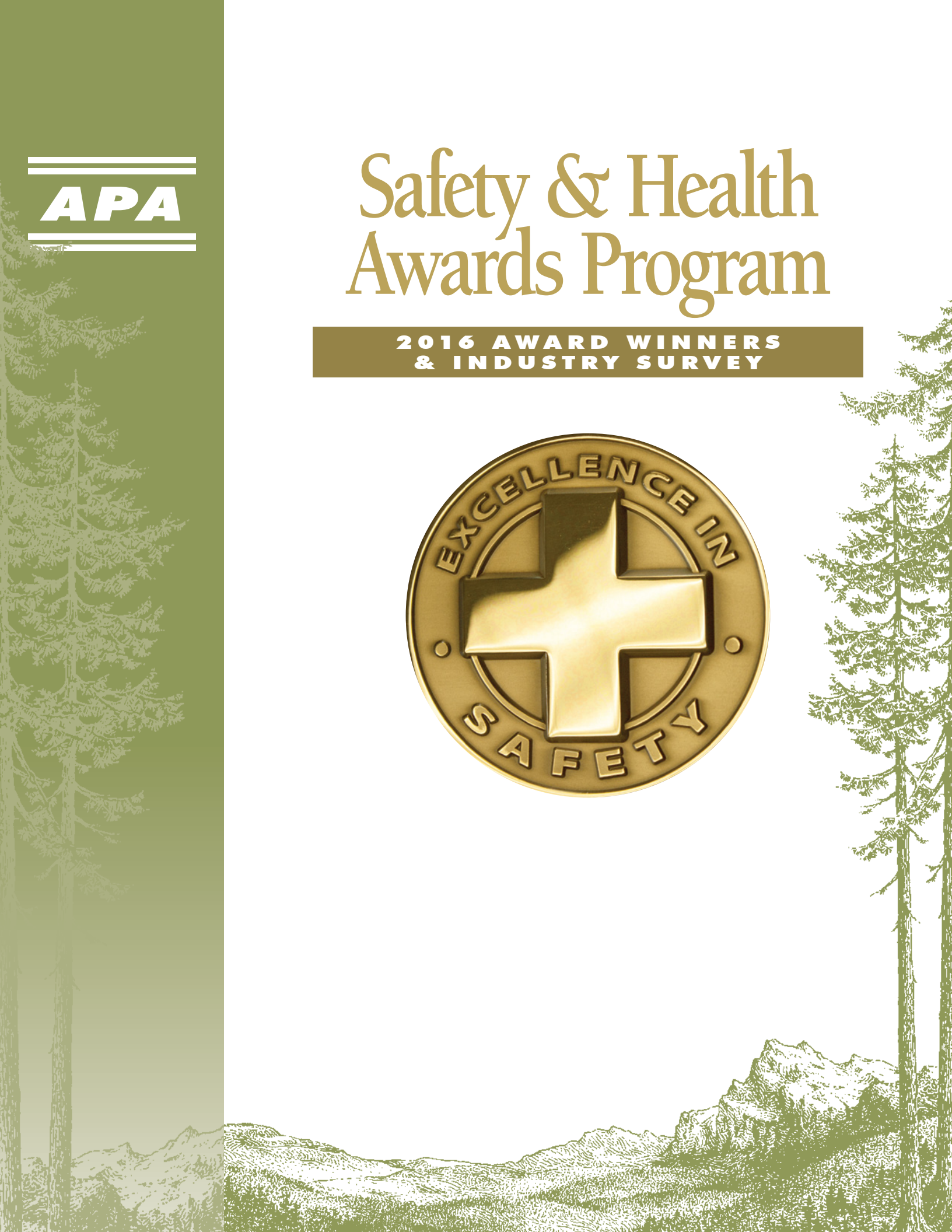




Safety & Health Awards Program

**2016 AWARD WINNERS
& INDUSTRY SURVEY**



APA Safety & Health Awards – 2016

On behalf of the APA Safety and Health Advisory Committee, I would like to congratulate all of the 2016 Safety and Health Award Winners. Winning mills will be presented with a plaque recognizing their achievement and will receive further recognition at APA's 2017 Annual Meeting.

The APA Safety and Health Awards Program is the premier safety award program for the engineered wood industry in North America. It encourages and recognizes operational excellence with the goal of reducing injury and illness rates. While awards are limited to APA members, data from both member and non-member mills may be included.

The 2016 average Weighted Incident Rate (WIR) for our industry was 10.67, a slight decrease over last year's WIR of 11.25. The 2016 average Total Incident Rate (TIR) was 2.33, a slight decrease over last year's TIR of 2.34. We must continue to ensure that systems and processes are in place to improve the trend. Our employees deserve close attention to their personal safety, and it is simply good business.

	TIR	WIR
2016	2.33	10.67
2015	2.34	11.25
2014	2.05	10.83
2013	2.05	10.05
2012	2.12	8.40

WIR is calculated using both the number and severity of recordable incidents (see page 5 for formula). This 2016 Industry Survey shows the WIR and TIR for all participating mills. It also shows average data for three product types: OSB, plywood, structural composite lumber (SCL), laminated veneer lumber (LVL), glulam and I-joist.

I have now completed the first year of a two-year term as chairman of the APA Safety and Health Advisory Committee. It is my distinct privilege to represent such a seasoned and capable group of safety professionals. Our committee is dedicated to sharing what we learn from serious incidents and best practices that will help our respective companies provide safer workplaces that better protect the health and safety of our most precious asset... our employees. If there is a safety need or issue that our committee can help with at your company or location, please let us know. If your company is not currently represented, we encourage you to get involved. We welcome the opportunity to broaden our committee membership.

Please plan on attending our Safety Workshop to be held in conjunction with the 2017 APA Annual Meeting, which is scheduled for October 28-31 in Huntington Beach, CA. I look forward to seeing you there.

Greg Ellisor, Weyerhaeuser
Corporate Health and Safety Manager
Safety and Health Advisory Committee Chairman

Safety and Health Advisory Committee Members

Greg Ellisor
Chairman
Weyerhaeuser

Terry Evans
Vice-Chairman
Boise Cascade Company

Keith Harned
LP

Bryan Kimball
Murphy Company

John Myers
Roseburg Forest Products Co.

Sam Newbill
Hood Industries, Inc.

Peter Quosai
Norbord

Terry Secret
RoyOMartin

APA Safety & Health Awards – 2016

INNOVATION IN SAFETY AWARD

Equipment-Based Innovation Winner

LP
Two Harbors, Minnesota
“Saw Handling Articulating Arm”

Jeff Wagner Process-Based Innovation Winner

RoyOMartin
Oakdale, Louisiana
“Safety Banners”

SAFEST COMPANY AWARD

	Average WIR	Average TIR
Resolute-LP Engineered Wood (Companies with three or fewer member mills)	0.00	0.00
LP (Companies with four or more member mills)	1.57	0.41

ANNUAL SAFETY & HEALTH HONOR ROLL

Division I (Plywood)

	WIR	TIR
1ST PLACE RoyOMartin Chopin, Louisiana	4.75	0.70
2ND PLACE Boise Cascade Company Chester, South Carolina	5.98	1.56

Division II (OSB)

	WIR	TIR
1ST PLACE LP Lautaro, Chile	0.00	0.00
2ND PLACE LP Jasper, Texas	0.00	0.00

Division III (Glulam, I-Joist and SCL)

	WIR	TIR
1ST PLACE LP Houlton, Maine	0.00	0.00
2ND PLACE LP Wilmington, North Carolina	0.00	0.00

APA Safety & Health Awards – 2016

3-YEAR SAFETY AWARD (2014 – 2016)

Division I (Plywood)

	Avg. WIR	Avg. TIR
RoyOMartin Chopin, Louisiana	3.93	0.70

Division II (OSB)

	Avg. WIR	Avg. TIR
LP Panguipulli, Chile	0.00	0.00

Division III (Glulam, I-Joist and SCL)

	Avg. WIR	Avg. TIR
Resolute-LP Engineered Wood Saint Prime, Quebec	0.00	0.00

SAFETY IMPROVEMENT AWARD (2014 – 2016)

Division I (Plywood)

	2014 WIR	2015 WIR	2016 WIR
Roseburg Forest Products Co. Plywood #4 Riddle, Oregon	36.09	14.86	9.40
74% Improvement	2014 TIR	2015 TIR	2016 TIR
	5.55	3.43	2.91

Division II (OSB)

	2014 WIR	2015 WIR	2016 WIR
LP Hanceville, Alabama	16.85	0.52	0.00
100% Improvement	2014 TIR	2015 TIR	2016 TIR
	2.17	0.52	0.00

Division III (Glulam, I-Joist and SCL)

No mill qualified for award

APA Safety & Health Awards – 2016

WIR FORMULA

Restricted work, lost time, fatality (employee or service provider working on site) and other recordable incidents for each mill are used to calculate a Weighted Incident Rate (WIR) for each mill using the following formula:

$$\text{Mill WIR} = \frac{(25 \times F + 10 \times \text{LT} + 5 \times \text{RW} + R) \times 200,000}{\text{Mill Hours}}$$

Where:

WIR = Mill's Weighted Incident Rate for the year

F = Mill's Fatalities (Employees or Service Providers) for the year

LT = Mill's Lost Time Incidents for the year

RW = Mill's Restricted Work Incidents for the year

R = Mill's Other Recordable Incidents for the year

APA Safety & Health Awards – 2016

INCIDENT FREE HONOR SOCIETY

Company Location	Product	WIR	TIR
Boise Cascade Company <i>Roxboro, North Carolina</i>	LVL	0.00	0.00
EACOM <i>Sault Ste. Marie, Ontario</i>	IJ	0.00	0.00
LP <i>Hanceville, Alabama</i>	OSB	0.00	0.00
LP <i>Houlton, Maine</i>	SCL	0.00	0.00
LP <i>Jasper, Texas</i>	OSB	0.00	0.00
LP <i>Lautaro, Chile</i>	OSB	0.00	0.00
LP <i>Newberry, Michigan</i>	OSB	0.00	0.00
LP <i>Panguipulli, Chile</i>	OSB	0.00	0.00
Louisiana-Pacific Canada Ltd. <i>Peace Valley OSB Fort St. John, British Columbia</i>	OSB	0.00	0.00
LP <i>Red Bluff, California</i>	IJ	0.00	0.00
LP <i>Roxboro, North Carolina</i>	OSB	0.00	0.00
LP <i>Sagola, Michigan</i>	OSB	0.00	0.00
LP <i>Tomahawk, Wisconsin</i>	OSB	0.00	0.00
LP <i>Two Harbors, Minnesota</i>	OSB	0.00	0.00
LP <i>Wilmington, North Carolina</i>	LVL	0.00	0.00
Norbord <i>Guntown, Mississippi</i>	OSB	0.00	0.00
Norbord <i>Jefferson, Texas</i>	OSB	0.00	0.00
Resolute-LP Engineered Wood <i>Larouche, Quebec</i>	IJ	0.00	0.00
Resolute-LP Engineered Wood <i>Saint Prime, Quebec</i>	IJ	0.00	0.00
RoyOMartin <i>Oakdale, Louisiana</i>	OSB	0.00	0.00
Weyerhaeuser <i>Grayling, Michigan</i>	OSB	0.00	0.00

2016 Industry Survey *(Alphabetical)*

Company Location	Product	WIR	TIR
Anthony Forest Products Co. <i>El Dorado, Arkansas</i>	Glulam	4.54	4.54
Anthony Forest Products Co. <i>Washington, Georgia</i>	Glulam	20.18	2.02
Boise Cascade Company <i>Alexandria, Louisiana</i>	IJ / LVL	9.80	2.45
Boise Cascade Company <i>Chester, South Carolina</i>	Plywood	5.98	1.56
Boise Cascade Company <i>Elgin, Oregon</i>	Plywood	10.49	1.91
Boise Cascade Company <i>Florien, Louisiana</i>	Plywood	13.65	2.31
Boise Cascade Company <i>Homedale, Idaho</i>	Glulam	23.06	7.69
Boise Cascade Company <i>Kettle Falls, Washington</i>	Plywood	20.00	5.00
Boise Cascade Company <i>Medford, Oregon</i>	Plywood	9.71	3.00
Boise Cascade Company <i>Moncure, North Carolina</i>	Plywood	16.48	5.18
Boise Cascade Company <i>Oakdale, Louisiana</i>	Plywood	6.23	1.92
Boise Cascade Company <i>Roxboro, North Carolina</i>	LVL	0.00	0.00
Boise Cascade Company <i>Thorsby, Alabama</i>	LVL	10.99	2.75
Boise Cascade Company <i>St-Jacques, New Brunswick</i>	IJ	31.52	3.15
Boise Cascade Company <i>White City, Oregon</i>	IJ / LVL	8.21	2.05
Boise Cascade Company <i>Rogue Valley Plywood White City, Oregon</i>	Plywood	0.00	0.00
Boise Cascade Company <i>White City, Oregon</i>	Veneer	23.81	2.86
Boise Cascade Company <i>Willamina, Oregon</i>	Veneer	3.03	3.03
Canoe Forest Products Limited <i>Canoe, British Columbia</i>	Plywood	38.18	5.23
Coastal Forest Resources Co. <i>Chapman, Alabama</i>	Plywood	34.02	4.16
Coastal Forest Resources Co. <i>Havana, Florida</i>	Plywood	6.29	2.74
EACOM <i>Sault Ste. Marie, Ontario</i>	IJ	0.00	0.00

2016 Industry Survey *(Alphabetical)*

Company Location	Product	WIR	TIR
Hood Industries, Inc. <i>Beaumont, Mississippi</i>	Plywood	12.26	2.32
Hood Industries, Inc. <i>Wiggins, Mississippi</i>	Plywood	38.95	5.87
Hunt Forest Products, Inc. <i>Pollock, Louisiana</i>	Plywood	16.54	3.18
Louisiana-Pacific Canada Ltd. <i>Dawson Creek, British Columbia</i>	OSB	6.42	0.64
Louisiana-Pacific Canada Ltd. <i>Golden, British Columbia</i>	LVL	1.04	1.04
Louisiana-Pacific Canada Ltd. <i>Peace Valley OSB Fort St. John, British Columbia</i>	OSB	0.00	0.00
Louisiana-Pacific Canada Ltd. <i>Maniwaki, Quebec</i>	OSB	0.71	0.71
Louisiana-Pacific Canada Ltd. <i>Swan Valley OSB Minitonas, Manitoba</i>	OSB	5.30	0.96
LP <i>Carthage, Texas</i>	OSB	12.56	2.73
LP <i>Hanceville, Alabama</i>	OSB	0.00	0.00
LP <i>Hayward, Wisconsin</i>	OSB	0.80	0.80
LP <i>Houlton, Maine</i>	SCL	0.00	0.00
LP <i>Jasper, Texas</i>	OSB	0.00	0.00
LP <i>Newberry, Michigan</i>	OSB	0.00	0.00
LP <i>Red Bluff, California</i>	IJ	0.00	0.00
LP <i>Roxboro, North Carolina</i>	OSB	0.00	0.00
LP <i>Sagola, Michigan</i>	OSB	0.00	0.00
LP <i>Thomasville, Alabama</i>	OSB	5.48	1.00
LP <i>Tomahawk, Wisconsin</i>	OSB	0.00	0.00
LP <i>Two Harbors, Minnesota</i>	OSB	0.00	0.00
LP <i>Wilmington, North Carolina</i>	LVL	0.00	0.00
LP <i>Lautaro, Chile</i>	OSB	0.00	0.00

2016 Industry Survey *(Alphabetical)*

Company Location	Product	WIR	TIR
LP <i>Panguipulli, Chile</i>	OSB	0.00	0.00
LP Brasil <i>Ponta Grossa, PR</i>	OSB	0.75	0.75
Murphy Plywood Company <i>Elma, Washington</i>	Veneer	0.95	0.95
Murphy Plywood Company <i>Eugene, Oregon</i>	Hardwood Plywood	18.20	3.77
Murphy Plywood Company <i>Rogue River, Oregon</i>	Plywood	12.83	2.81
Murphy Plywood Company <i>White City, Oregon</i>	Veneer	5.00	1.67
Murphy Plywood Company <i>Eugene, Oregon</i>	Hardwood Plywood	18.20	3.77
Norbord <i>100 Mile House, British Columbia</i>	OSB	18.92	1.89
Norbord <i>Barwick, Ontario</i>	OSB	0.62	0.62
Norbord <i>Bemidji, Minnesota</i>	OSB	0.69	0.69
Norbord <i>Cordele, Georgia</i>	OSB	2.09	0.42
Norbord <i>Genk, Belgium</i>	OSB	0.00	0.00
Norbord <i>Grand Prairie, Alberta</i>	OSB	0.51	0.51
Norbord <i>Guntown, Mississippi</i>	OSB	0.00	0.00
Norbord <i>High Level, Alberta</i>	OSB	16.14	4.30
Norbord <i>Inverness, Scotland</i>	OSB	0.63	0.63
Norbord <i>Jefferson, Texas</i>	OSB	0.00	0.00
Norbord <i>Joanna Kinards, South Carolina</i>	OSB	8.50	2.13
Norbord <i>La Sarre, Quebec</i>	OSB	0.68	0.68
Norbord <i>Nacogdoches, Texas</i>	OSB	2.07	2.07
Potlatch Corporation <i>St. Maries, Idaho</i>	Plywood	21.49	3.33
Resolute-LP Engineered Wood <i>Larouche, Quebec</i>	IJ	0.00	0.00
Resolute-LP Engineered Wood <i>Saint Prime, Quebec</i>	IJ	0.00	0.00

2016 Industry Survey *(Alphabetical)*

Company Location	Product	WIR	TIR
Roseburg Forest Products Co. <i>Riddle, Oregon</i>	IJ / LVL	9.22	3.69
Roseburg Forest Products Co. <i>Plywood #1, #2 Winston, Oregon</i>	Plywood	21.07	5.40
Roseburg Forest Products Co. <i>Plywood #4 Riddle, Oregon</i>	Plywood	9.40	2.91
Roseburg Forest Products Co. <i>Plywood #5, #6 Coquille, Oregon</i>	Plywood	20.66	3.18
Roseburg Forest Products Co. <i>Plywood #7 Weed, California</i>	Veneer	45.85	8.45
RoyOMartin <i>Chopin, Louisiana</i>	Plywood	4.75	0.70
RoyOMartin <i>Oakdale, Louisiana</i>	OSB	0.00	0.00
Structurlam Products Ltd. <i>Penticton, British Columbia</i>	Glulam	52.59	19.19
Swanson Group Mfg. LLC <i>Glendale, Oregon</i>	Plywood	26.11	4.21
Swanson Group Mfg. LLC <i>Springfield, Oregon</i>	Plywood	13.81	1.38
Tolko Industries Ltd. <i>Kamloops, British Columbia</i>	Plywood	25.81	4.73
Tolko Industries Ltd. <i>Meadow Lake, Saskatchewan</i>	OSB	4.29	2.14
Tolko Industries Ltd. <i>Slave Lake, Alberta</i>	OSB	7.29	2.80
Weyerhaeuser <i>Arcadia Plant Simsboro, Louisiana</i>	OSB	14.48	2.63
Weyerhaeuser <i>Edson, Alberta</i>	OSB	6.84	0.68
Weyerhaeuser <i>Elkin, North Carolina</i>	OSB	18.10	2.78
Weyerhaeuser <i>Grayling, Michigan</i>	OSB	0.00	0.00
Weyerhaeuser <i>Hudson Bay, Saskatchewan</i>	OSB	19.13	2.47
Weyerhaeuser <i>Kalispell, Montana</i>	Plywood	28.04	7.31
Weyerhaeuser <i>Sutton, West Virginia</i>	OSB	7.24	2.78
Average Incidence Rate		10.67	2.33

2016 Industry Survey *(Sorted by member division)*

DIVISION I – PLYWOOD

Company Location	Product	WIR	TIR
Boise Cascade Company Rogue Valley Plywood White City, Oregon	Plywood	0.00	0.00
RoyOMartin Chopin, Louisiana	Plywood	4.75	0.70
Boise Cascade Company Chester, South Carolina	Plywood	5.98	1.56
Boise Cascade Company Oakdale, Louisiana	Plywood	6.23	1.92
Coastal Forest Resources Co. Havana, Florida	Plywood	6.29	2.74
Roseburg Forest Products Co. Plywood #4 Riddle, Oregon	Plywood	9.40	2.91
Boise Cascade Company Medford, Oregon	Plywood	9.71	3.00
Boise Cascade Company Elgin, Oregon	Plywood	10.49	1.91
Hood Industries, Inc. Beaumont, Mississippi	Plywood	12.26	2.32
Murphy Plywood Company Rogue River, Oregon	Plywood	12.83	2.81
Boise Cascade Company Florien, Louisiana	Plywood	13.65	2.31
Swanson Group Mfg. LLC Springfield, Oregon	Plywood	13.81	1.38
Boise Cascade Company Moncure, North Carolina	Plywood	16.48	5.18
Hunt Forest Products, Inc. Pollock, Louisiana	Plywood	16.54	3.18
Boise Cascade Company Kettle Falls, Washington	Plywood	20.00	5.00
Roseburg Forest Products Co. Plywood #5, #6 Coquille, Oregon	Plywood	20.66	3.18
Roseburg Forest Products Co. Plywood #1, #2 Winston, Oregon	Plywood	21.07	5.40
Potlatch Corporation St. Maries, Idaho	Plywood	21.49	3.33
Tolko Industries Ltd. Kamloops, British Columbia	Plywood	25.81	4.73
Swanson Group Mfg. LLC Glendale, Oregon	Plywood	26.11	4.21
Weyerhaeuser Kalispell, Montana	Plywood	28.04	7.31

2016 Industry Survey *(Sorted by member division)*

DIVISION I – PLYWOOD (Continued)

Company Location	Product	WIR	TIR
Coastal Forest Resources Co. <i>Chapman, Alabama</i>	Plywood	34.02	4.16
Canoe Forest Products Limited <i>Canoe, British Columbia</i>	Plywood	38.18	5.23
Hood Industries, Inc. <i>Wiggins, Mississippi</i>	Plywood	38.95	5.87
Average Incidence Rate		15.80	3.13

DIVISION II – OSB

Company Location	Product	WIR	TIR
LP <i>Lautaro, Chile</i>	OSB	0.00	0.00
LP <i>Jasper, Texas</i>	OSB	0.00	0.00
LP <i>Hanceville, Alabama</i>	OSB	0.00	0.00
LP <i>Panguipulli, Chile</i>	OSB	0.00	0.00
RoyOMartin <i>Oakdale, Louisiana</i>	OSB	0.00	0.00
LP <i>Roxboro, North Carolina</i>	OSB	0.00	0.00
Louisiana-Pacific Canada Ltd. <i>Peace Valley OSB Fort St. John, British Columbia</i>	OSB	0.00	0.00
LP <i>Sagola, Michigan</i>	OSB	0.00	0.00
LP <i>Tomahawk, Wisconsin</i>	OSB	0.00	0.00
LP <i>Two Harbors, Minnesota</i>	OSB	0.00	0.00
LP <i>Newberry, Michigan</i>	OSB	0.00	0.00
Norbord <i>Guntown, Mississippi</i>	OSB	0.00	0.00
Norbord <i>Jefferson, Texas</i>	OSB	0.00	0.00
Norbord <i>Genk, Belgium</i>	OSB	0.00	0.00
Weyerhaeuser <i>Grayling, Michigan</i>	OSB	0.00	0.00
Norbord <i>Grand Prairie, Alberta</i>	OSB	0.51	0.51
Norbord <i>Barwick, Ontario</i>	OSB	0.62	0.62

2016 Industry Survey *(Sorted by member division)*

DIVISION II – OSB (Continued)

Company Location	Product	WIR	TIR
Norbord <i>Inverness, Scotland</i>	OSB	0.63	0.63
Norbord <i>La Sarre, Quebec</i>	OSB	0.68	0.68
Norbord <i>Bemidji, Minnesota</i>	OSB	0.69	0.69
Louisiana-Pacific Canada Ltd. <i>Maniwaki, Quebec</i>	OSB	0.71	0.71
LP Brasil <i>Ponta Grossa, PR</i>	OSB	0.75	0.75
LP <i>Hayward, Wisconsin</i>	OSB	0.80	0.80
Norbord <i>Nacogdoches, Texas</i>	OSB	2.07	2.07
Norbord <i>Cordele, Georgia</i>	OSB	2.09	0.42
Tolko Industries Ltd. <i>Meadow Lake, Saskatchewan</i>	OSB	4.29	2.14
Louisiana-Pacific Canada Ltd. <i>Swan Valley OSB Minitonas, Manitoba</i>	OSB	5.30	0.96
LP <i>Thomasville, Alabama</i>	OSB	5.48	1.00
Louisiana-Pacific Canada Ltd. <i>Dawson Creek, British Columbia</i>	OSB	6.42	0.64
Weyerhaeuser <i>Edson, Alberta</i>	OSB	6.84	0.68
Weyerhaeuser <i>Sutton, West Virginia</i>	OSB	7.24	2.78
Tolko Industries Ltd. <i>Slave Lake, Alberta</i>	OSB	7.29	2.80
Norbord <i>Joanna Kinards, South Carolina</i>	OSB	8.50	2.13
LP <i>Carthage, Texas</i>	OSB	12.56	2.73
Weyerhaeuser <i>Arcadia Plant Simsboro, Louisiana</i>	OSB	14.48	2.63
Norbord <i>High Level, Alberta</i>	OSB	16.14	4.30
Weyerhaeuser <i>Elkin, North Carolina</i>	OSB	18.10	2.78
Norbord <i>100 Mile House, British Columbia</i>	OSB	18.92	1.89

2016 Industry Survey *(Sorted by member division)*

DIVISION II – OSB (Continued)

Company Location	Product	WIR	TIR
Weyerhaeuser Hudson Bay, Saskatchewan	OSB	19.13	2.47
Average Incidence Rate		3.99	0.97

DIVISION III – LVL, SCL, I-JOIST AND GLULAM

Company Location	Product	WIR	TIR
LP Houlton, Maine	SCL	0.00	0.00
LP Wilmington, North Carolina	LVL	0.00	0.00
EACOM Sault Ste. Marie, Ontario	IJ	0.00	0.00
LP Red Bluff, California	IJ	0.00	0.00
Resolute-LP Engineered Wood Saint Prime, Quebec	IJ	0.00	0.00
Resolute-LP Engineered Wood Larouche, Quebec	IJ	0.00	0.00
Boise Cascade Company Roxboro, North Carolina	LVL	0.00	0.00
Louisiana-Pacific Canada Ltd. Golden, British Columbia	LVL	1.04	1.04
Anthony Forest Products Co. El Dorado, Arkansas	Glulam	4.54	4.54
Murphy Engineered Wood Sutherlin, Oregon	LVL	5.15	1.03
Boise Cascade Company White City, Oregon	IJ / LVL	8.21	2.05
Roseburg Forest Products Co. Riddle, Oregon	IJ / LVL	9.22	3.69
Boise Cascade Company Alexandria, Louisiana	IJ / LVL	9.80	2.45
Boise Cascade Company Thorsby, Alabama	LVL	10.99	2.75
Anthony Forest Products Co. Washington, Georgia	Glulam	10.09	2.02
Boise Cascade Company Homedale, Idaho	Glulam	23.06	7.69
Boise Cascade Company St-Jacques, New Brunswick	IJ	31.52	3.15
Structurlam Products Ltd. Penticton, British Columbia	Glulam	52.59	19.19
Average Incidence Rate		10.31	3.20

Safety & Health Awards Program 2016 Award Winners & Industry Survey

APA HEADQUARTERS

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REPRESENTING THE ENGINEERED WOOD INDUSTRY