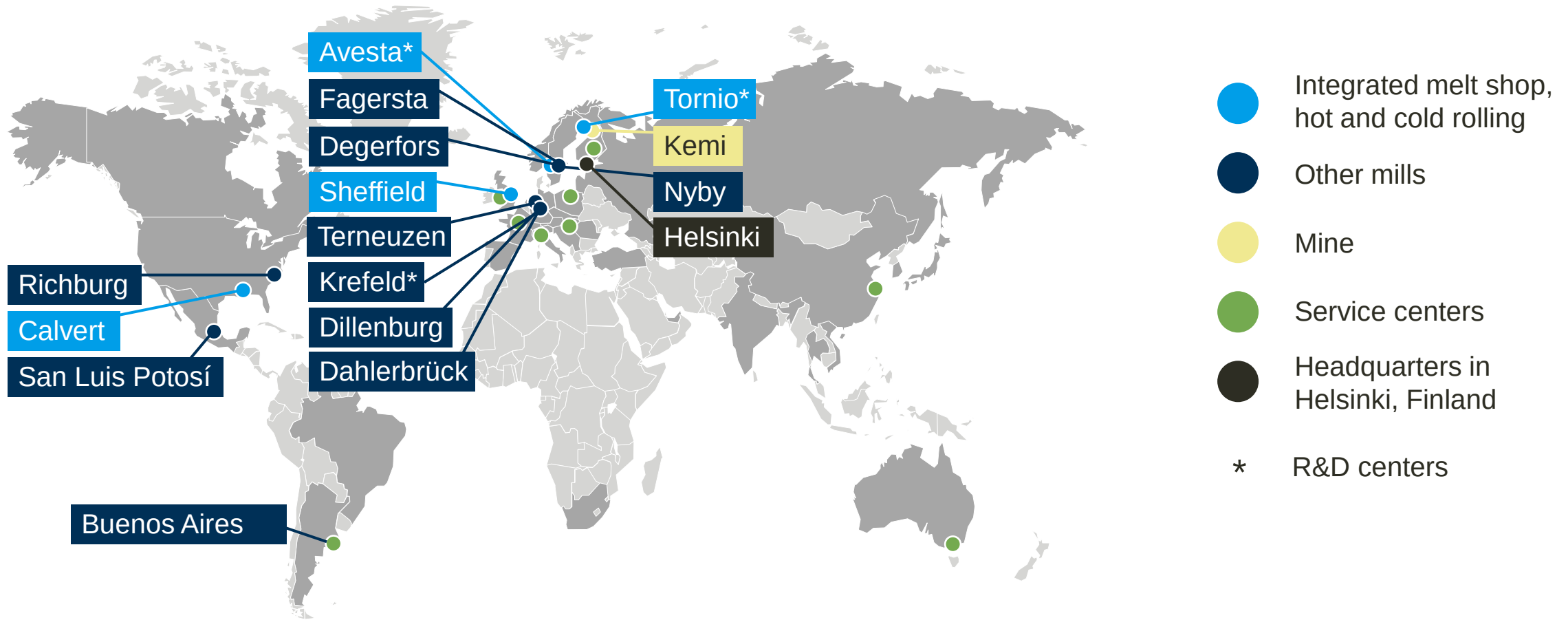


We are Outokumpu

Human Factors Conference
Wayne Denton
Director – Environmental Health, Safety and Security

outokumpu 

We have a solid presence in key regions



Safety programs that are sustainable, durable and built to last

Outokumpu Stainless acquired the facilities in Calvert, Alabama, San Luis Potosi, Mexico and Buenos Aires, Argentina in 2013.

Noticeable differences:

- Corporate TRIFR target (International Calculation)
- Corporate Safety Standards
- Safety Behavioral Observations (SBO)
- Safety Pyramid – leading and lagging indicators
- Safety is the number one priority – nothing more important than the safety of our team members!

Mandatory safety developments

Hazard Reporting

- Develop local processes for increasing the level of near miss, hazard & safe/unsafe act reporting from all team members

Safety Management Systems

- Each site to be OHSAS 18001 compliant & eventually ISO 45001

Safety Leadership Training

- Available for all operational line managers, team leaders & coordinators

Training

- To have a common/consistent basic safety training for all Outokumpu & contractor team members

**Safety is our
number one
priority**

New ownership and leadership

“Nothing is more important than safety”

The CEO said it so therefore it is done.

**All good now...
right?**

If safety is a priority based on the edict from the CEO, why did we not get better?

Conflict – We had a heightened focus on production and getting tons produced/delivered

We said all of the right things but our actions told a different story

Our safety strategy

Back to the Basics:

- Focus on the Outokumpu Core Safety Principles
- Felt Leadership
- Leading Indicators
- Weekly Safety Meetings in all Operations areas
- Site Safety Committee
- Risk Reduction Events
- Monthly Manager Safety Meeting
- SafeStart

Outokumpu safety principles

Safety
starts
with me.

Safety
before
volumes.

No
shortcuts.

No
repeats.

Safety dashboard

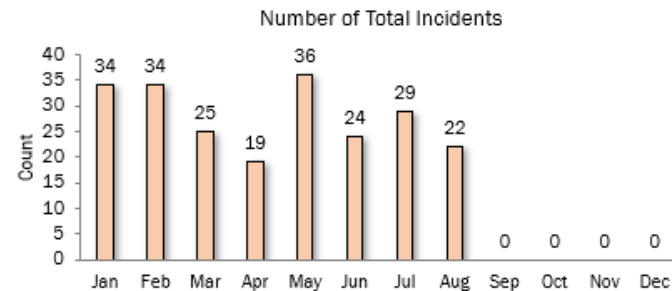
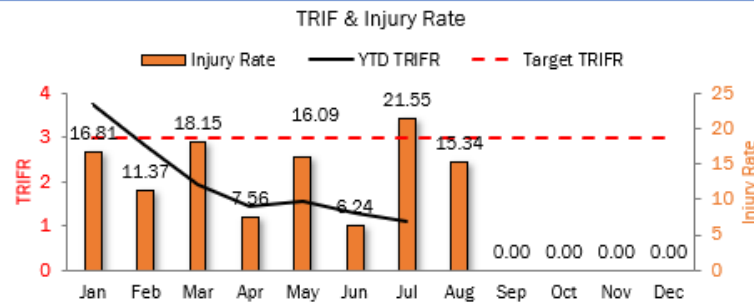
Americas Safety (Americas)

Total Recordable Incident Frequency Rate =
of Incidents * 1 million / Hours Worked

7 days	Record # Days Between Incidents
2 days	Days Since Last Incident
10 days	Days Since Last Recordable

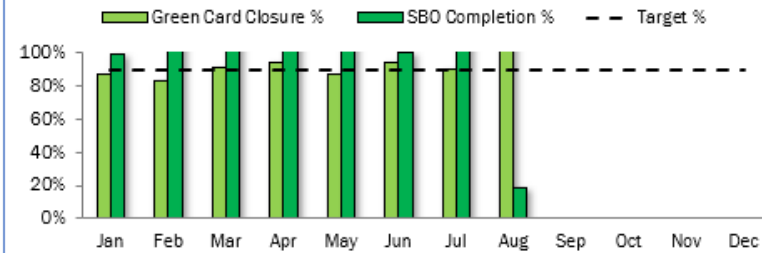
As of: 8/23/2019

Injury and Incident Performance

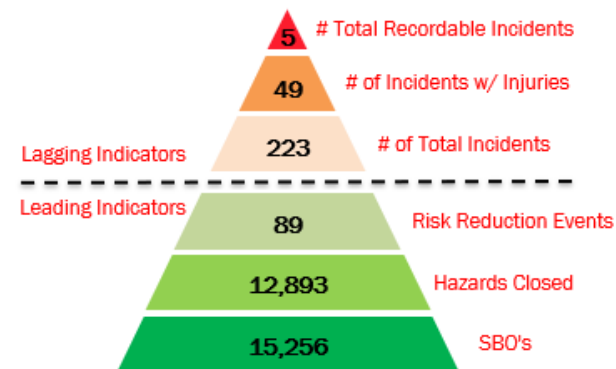


*109 Open Incident Reports
82% of Reports are Closed

Green Cards & SBOs



Safety Pyramid (YTD)



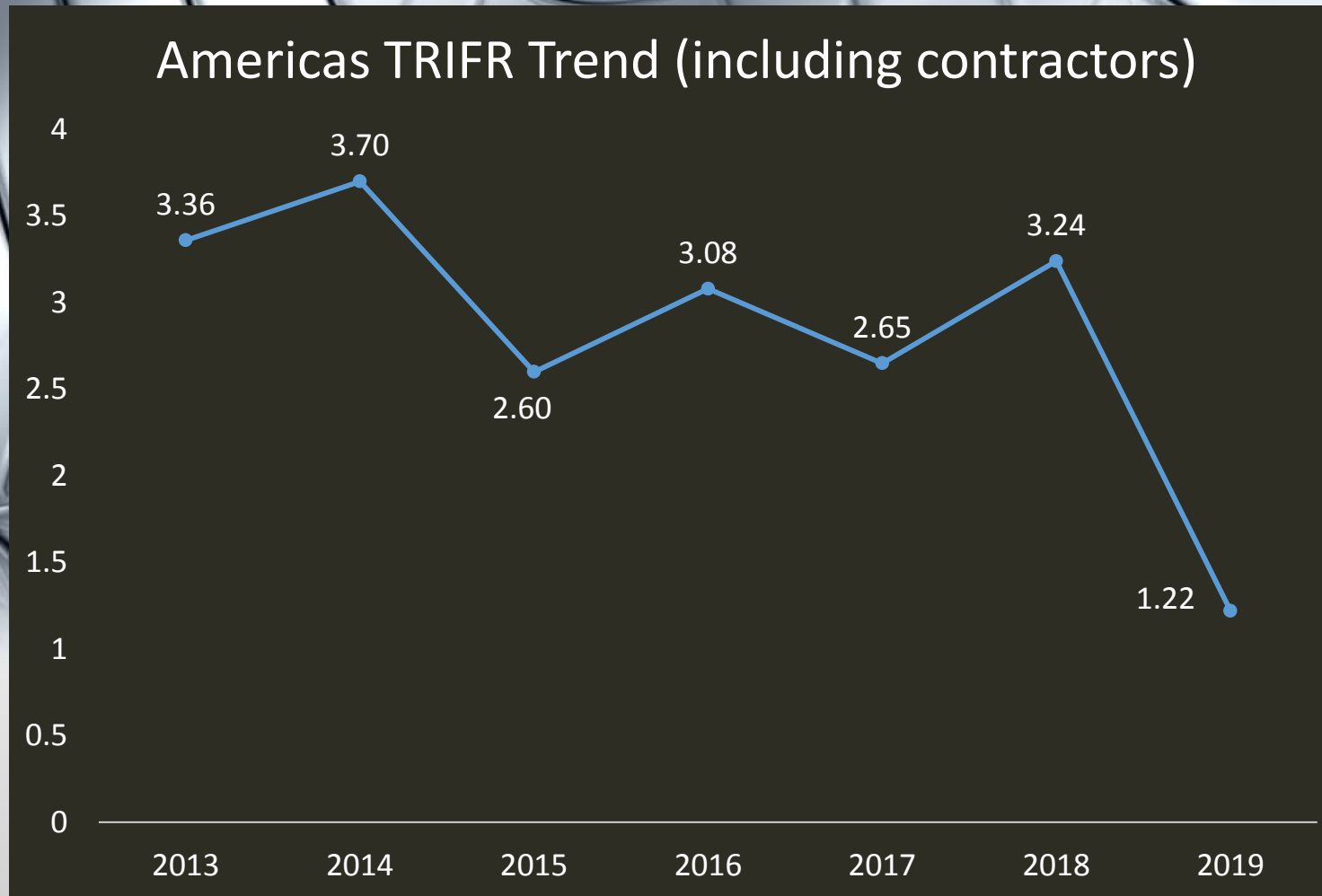
Personal Incidents are not included



Number of incident with injury (IWI) by location

	2014	2015	2016	2017	2018	2019
Argentina	0	0	0	1	2	2
Mexico	2	1 (Fatality)	4	6	7	0
Calvert	22	16	17	11	11	2
Americas	24	17	21	18	20	4

Americas TRIFR



Outokumpu's approach to safety development



Outokumpu

Working towards
a world that lasts forever.

Thank you!

Stay tuned and
follow us on



www.outokumpu.com

Americas safety trend

(including contractors)

2015	2016	2017	2018	2019 (YTD)
# of Recordable Incidents	# of Recordable Incidents	# of Recordable Incidents	# of Recordable Incidents	# of Recordable Incidents
17	21	18	20	5
Calvert: 16	Calvert: 17	Calvert: 11	Calvert: 11	Calvert: 2
Mexinox: 1	Mexinox: 4	Mexinox: 6	Mexinox: 7	Mexinox: 0
Fortinox: 0	Fortinox: 0	Fortinox: 1	Fortinox: 2	Fortinox: 2
OSHA Rate:	OSHA Rate:	OSHA Rate:	OSHA Rate:	OSHA Rate:
0.52	0.62	0.53	0.65	0.22
International Rate	International Rate	International Rate	International Rate	International Rate
2.60	3.08	2.65	3.24	1.22