



**INTERNATIONAL POWERED
ACCESS FEDERATION**



MEWP Accident Report 2017

Andrew Delahunt

MEWP Accident Report 2017



www.ipaf.org

*“There are no small accidents
on this circuit”*

Ayrton Senna



Andrew Delahunt
IPAF Director Technical & Safety

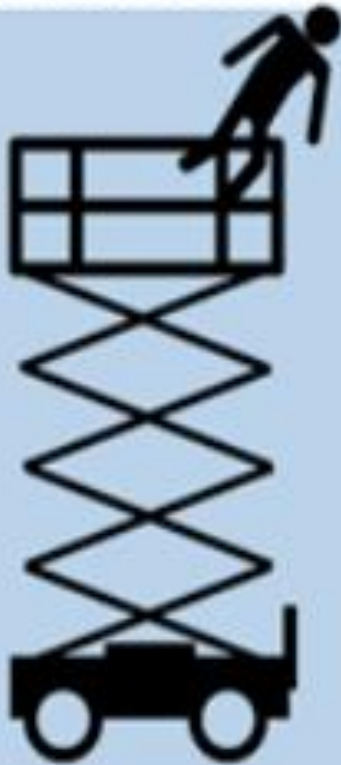
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What is considered a MEWP accident?

Falls from Work Platform



*Where a MEWP is used
(operation, travel, loading, transport or maintenance)
a person has died as a result*

*And a safe work practice
(planning, training and supervision)
is the proven way to reduce the risk*

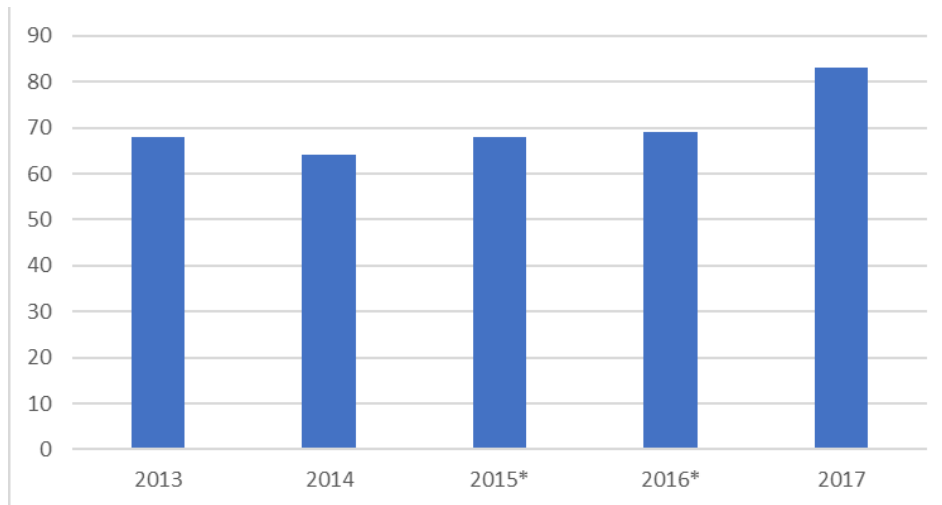
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Known fatal accidents using MEWPs in 2017

83



Significant number of fatalities are untrained operators

Research has expanded to include more government reports

Based on IPAF accident database and 29 Country reports
Data may be updated as further information is available

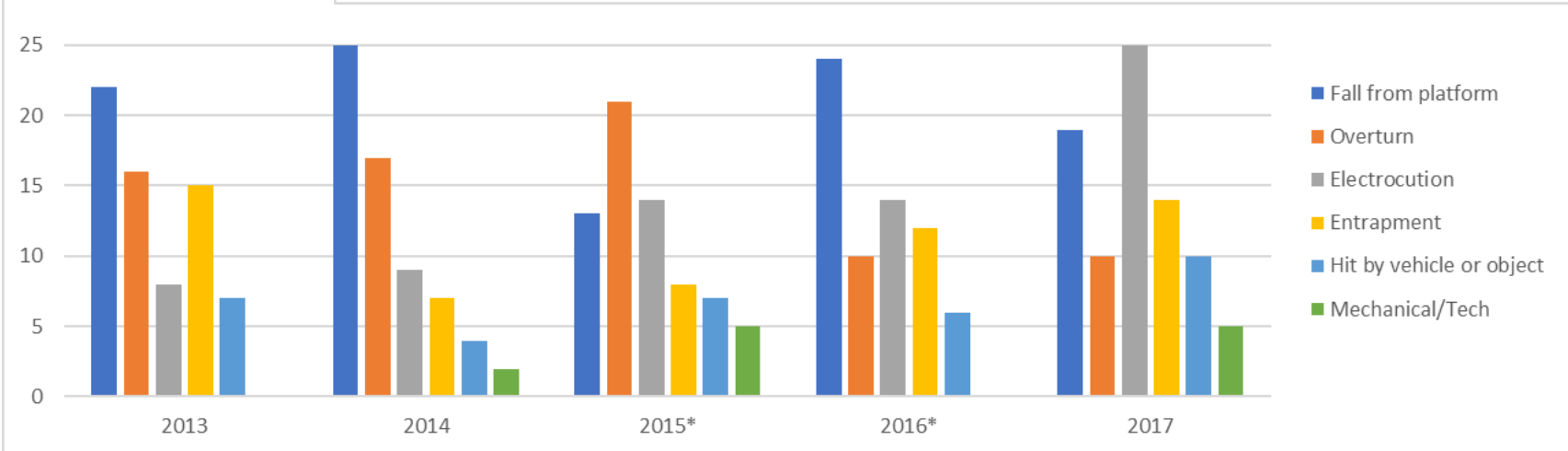
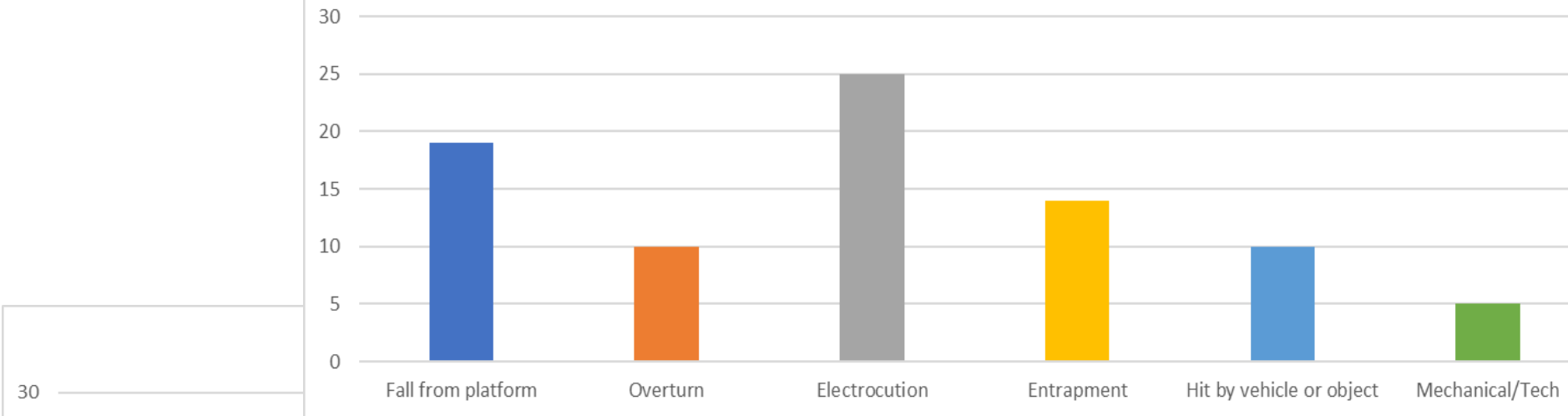
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BY ACCIDENT TYPE

MEWP Global Fatalities
2017

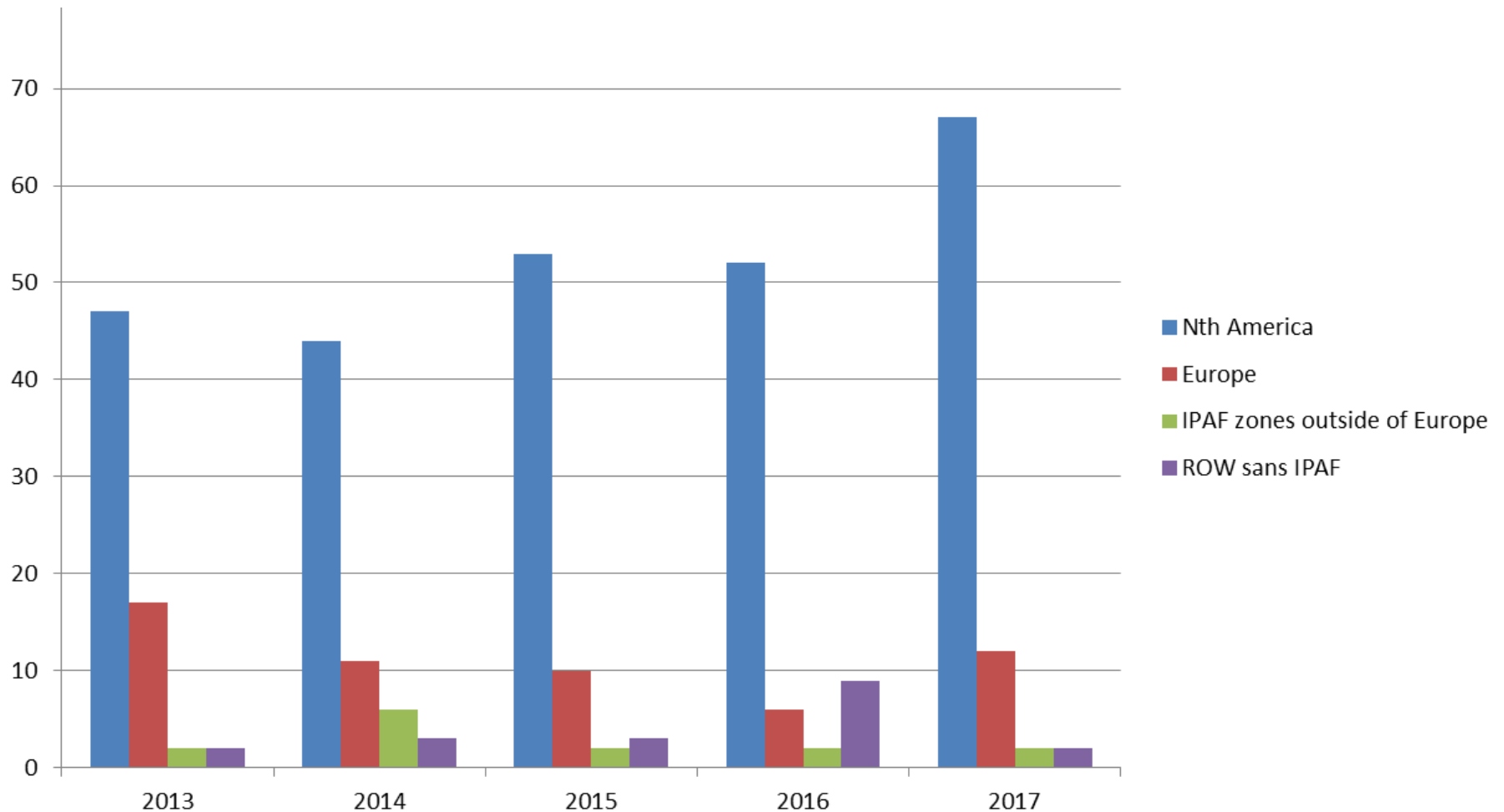


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BY REGION

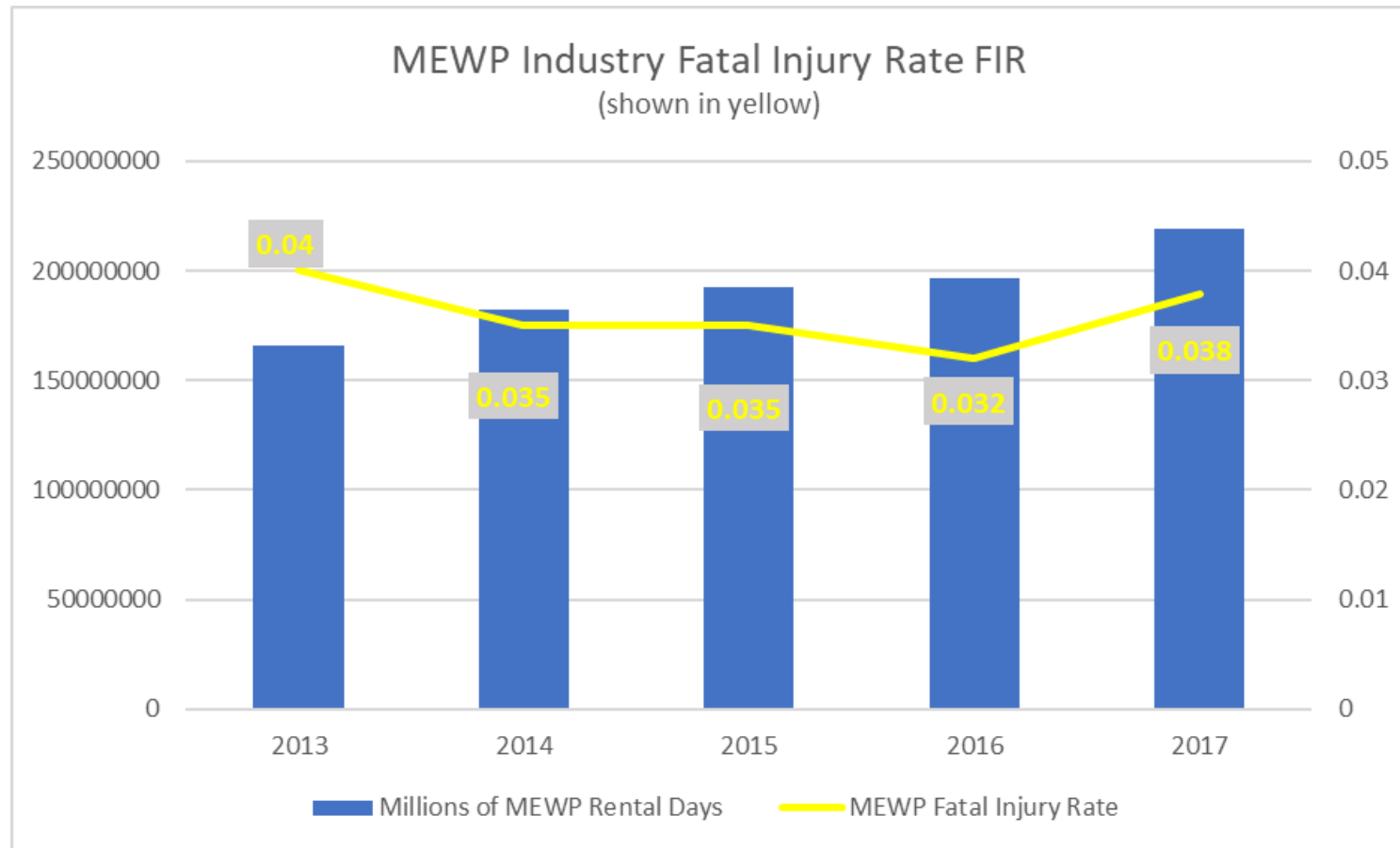


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FATAL INCIDENT RATE - FIR

Fatal injury rate is a ratio of fatalities per millions of days of operation.

FIR is calculated using Total Rental fleet, Utilisation rate, Typical work schedule and recorded MEWP Fatalities



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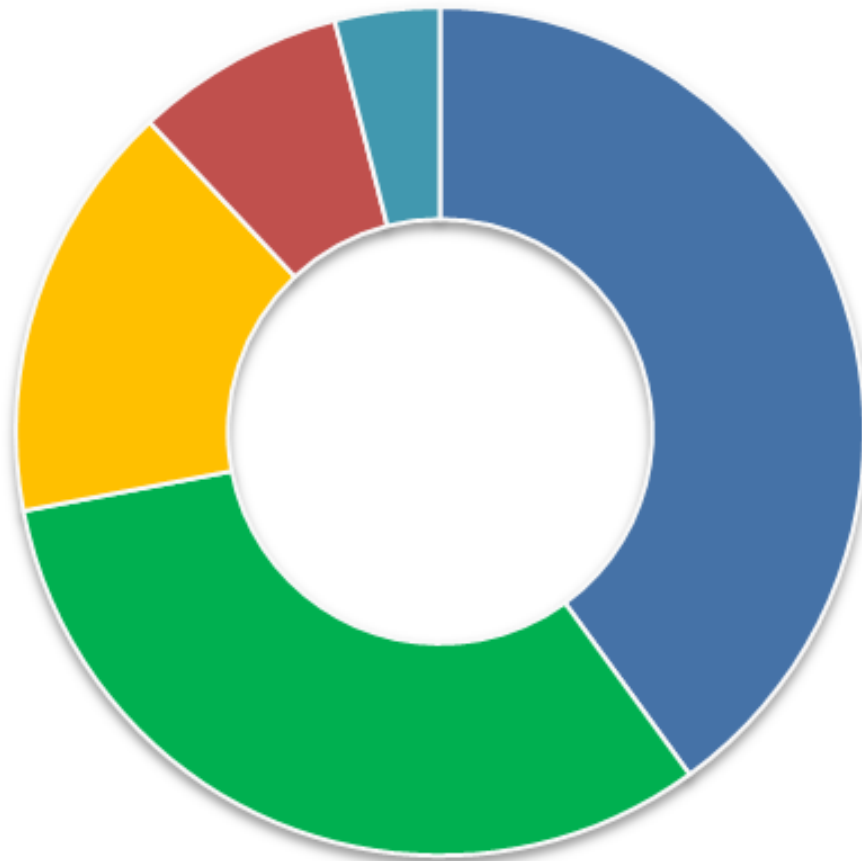


Total fatal accidents = 83

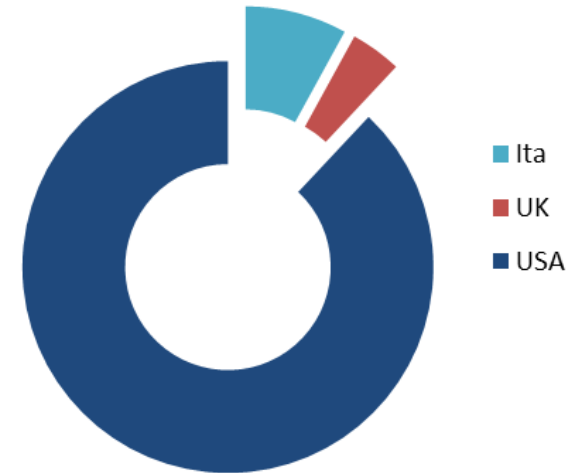
Electrocution accidents = 25

**Focus on Countries :
USA +15, Italy +5, France +4**

FOCUS ON ELECTROCUTIONS



- Electrical
- Tree Trimming / Forestry
- Service
- Construction
- Painting



- Ita
- UK
- USA

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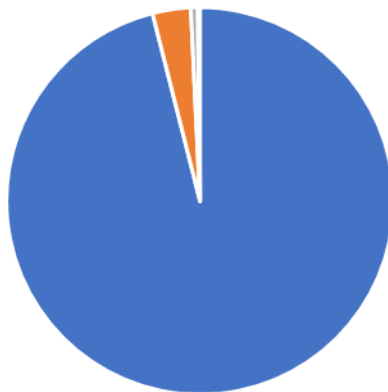
FOCUS ON USA

USA Fatal Incident Rate
FIR

0.066
per 100,000 days

(Global FIR = 0.038)

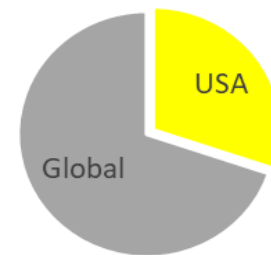
Fatal accidents by region : 2017



USA Europe ROW

USA accounts for
80% of all known
MEWP fatalities

Fleet Size 2017



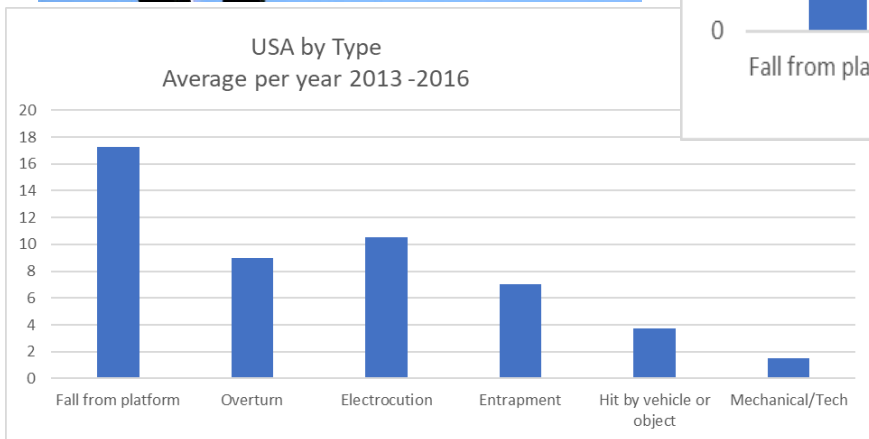
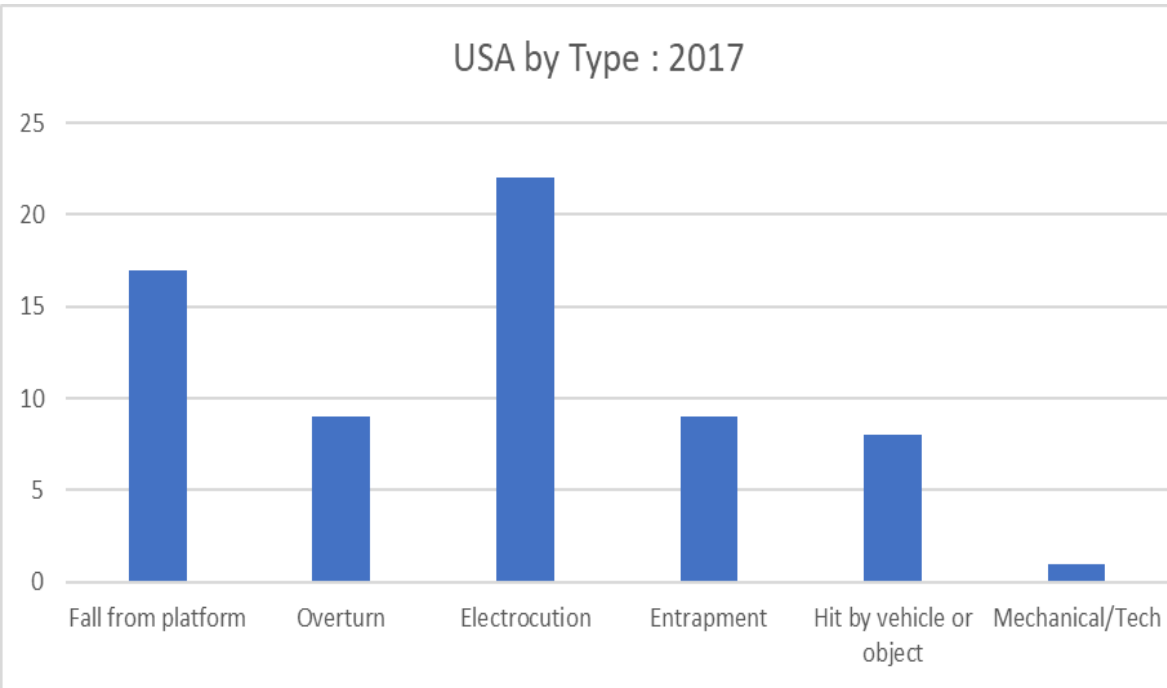
USA fleet size 43%

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FOCUS ON USA



USA Action plan

Dedicated safety campaign

North American Regional Council to host INNOVATE which addresses key issues – electrocutions and falls from the platform

We also call on IPAF members located in the USA to add their support

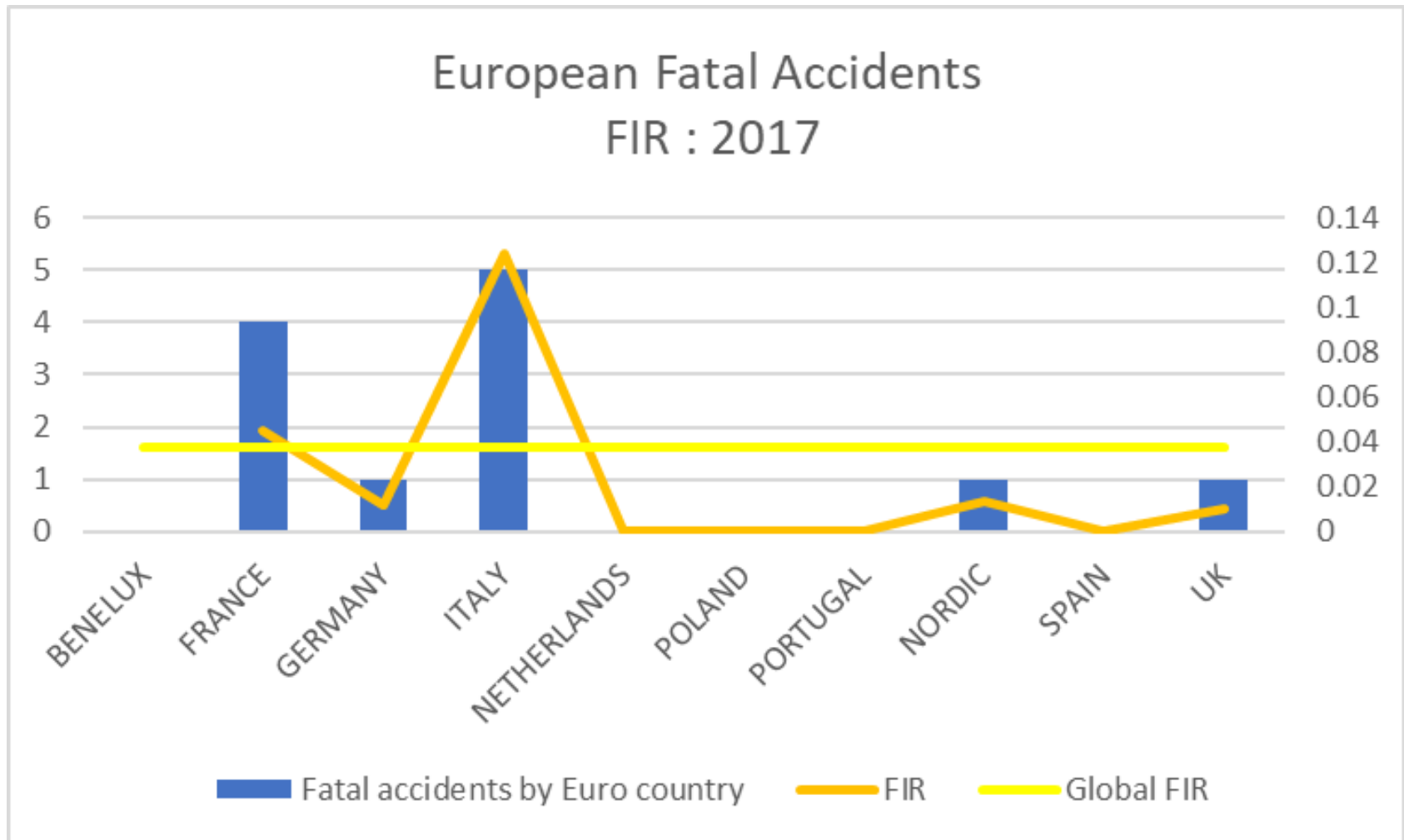


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EUROPE



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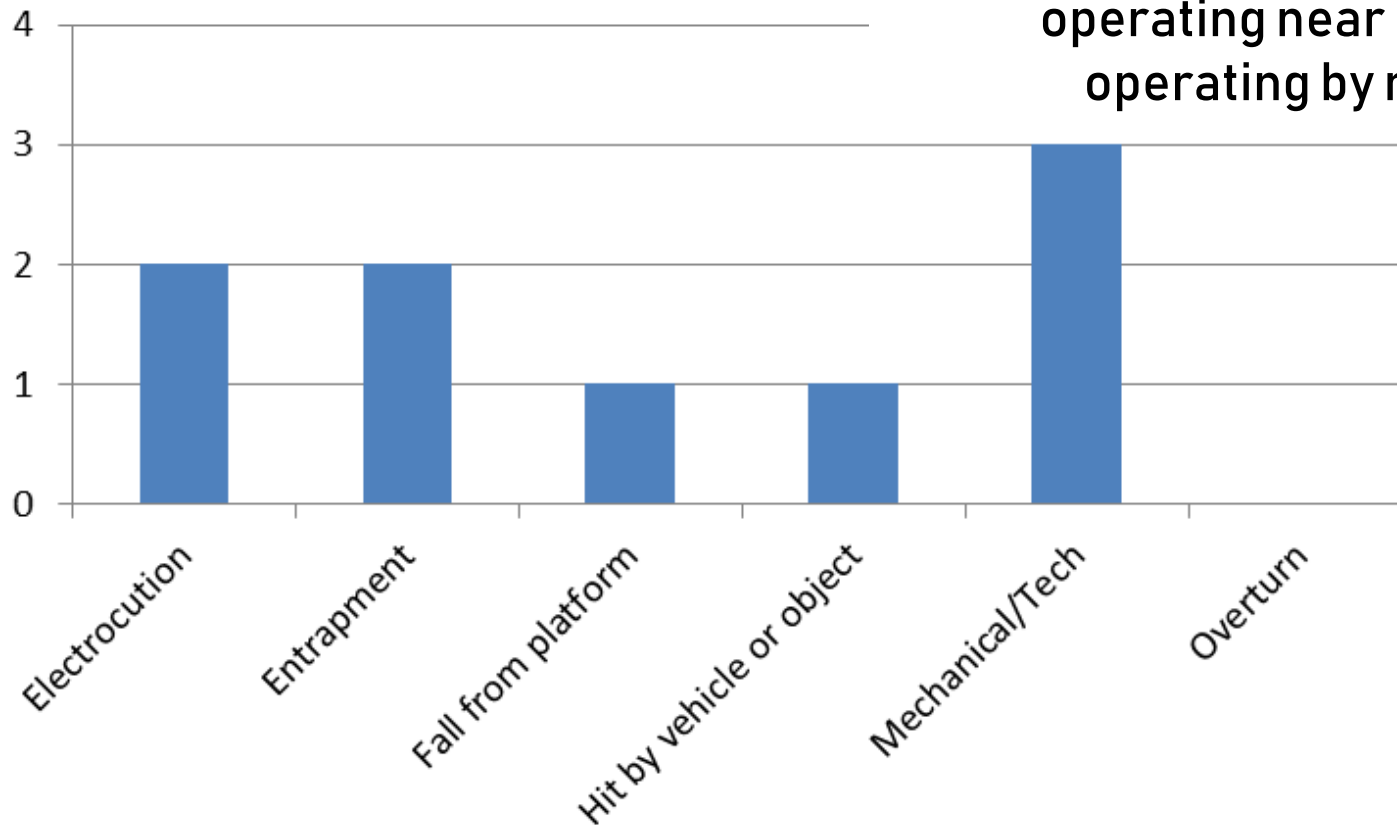


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FOCUS ON ITALY & FRANCE

Key Issues

maintenance and inspection
training for enclosed spaces
operating near powerlines
operating by roadways



EUROPE Action plan



Dedicated safety campaign

Italian Country Council to spearhead action –
local guidance and promotion of safety
Focus on maintenance and load training

UK and Germany remain the benchmark for low
fatal incident rates

We also call on IPAF members located in France
and Italy to add their support

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A brief look at non-fatal accidents



What do we **miss?**

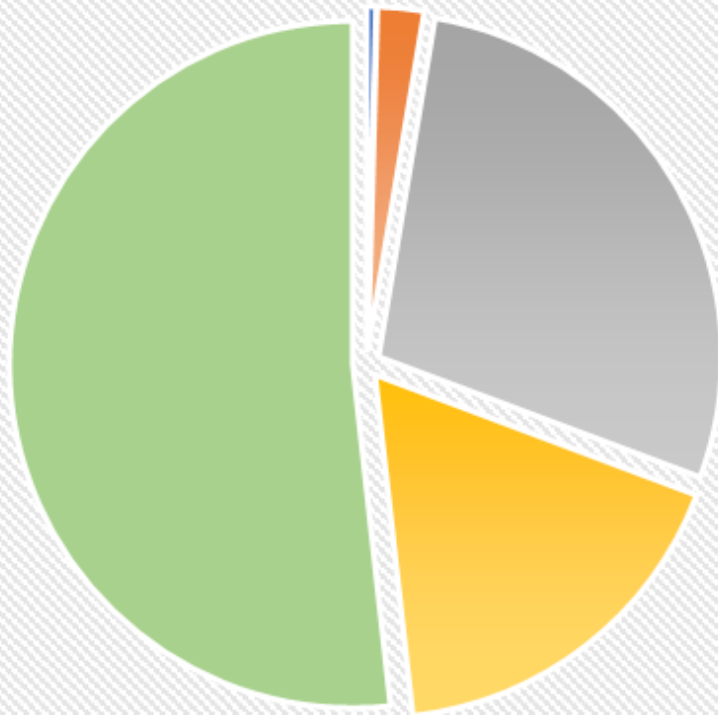
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All accidents using MEWPs : 2017

Total Accidents 2017



-  Fatal
-  Severe Injury
-  Minor Injury
-  Damage to MEWP or property
-  Near Miss

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IPAF ACCIDENT DATABASE

*“Every incident is a notice that something is wrong with
– men – material – or methods
Investigate then act*



IPAF ACCIDENT REPORTING

Username

Password

SUBMIT

[Forgotten Your Details ?](#)

Not Registered ?

[Sign Up !](#)

The preferred way to report an accident is to register your details (above) and obtain a secure password to access the confidential reporting database.

If you are unwilling to register to use this reporting system, please click on the box below to inform IPAF of any fatal accident involving powered access equipment.

ANONYMOUS REPORTING

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2017 saw too many fatal accidents

>each one is a story not a graph

>using MEWPs remains the safe option

***1.35 million** MEWPs in
rental fleets*

***900,000** operators
who each day are working
safely on MEWPs*



Summary



The key factors of fatal accidents in 2017 on MEWPs are

- the high rate of electrocutions in the USA, and
- high accident rates in both Italy and France.

These countries were likely under-reported in previous reports.

UK and Germany remain the benchmark for low fatal incident rates, although recent accidents in 2018 demonstrate that there is no room for complacency.

These accidents were preventable so it is possible to positively impact these accident rates

MEWPs are a safe means to work at height.

Take the time to work safely