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Fatal injury rate remains constant

The fatal injury rate for aerial work platforms has remained constant over the past 12 months, even though the total rental fleet and the number of rental days worldwide have increased. IPAF's release of the 2015 aerial lift related accident data and its preliminary fatal injury rate calculations confirm that they are one of the safest ways to perform temporary work at height.

For 2015, the number of days a rented machine was operated was 192.2 million, with 68 reported fatalities, to give a fatal injury rate of 0.035. Of the 68, the main causes were overturn, falls from height,

electrocution and entrapment.

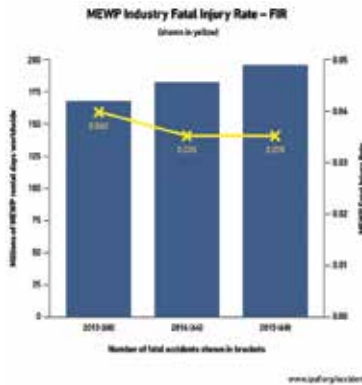
In 2014, the number of days a rented machine was operated was 182.4 million and the number of reported fatalities 64, to give a fatal injury rate of 0.035.

In 2013, the number of days a rented machine was operated was 168.4 million and the number of reported fatalities 68, to give a fatal injury rate of 0.040.

The accident data from 2013 to 2015 show that the main causes of aerial work platform related fatalities were: fall from height (31%), overturn (27%), electrocution (15%) and entrapment (15%).

The fatal injury rate as calculated by IPAF takes into account the following factors:

- Estimated rental fleet size, based



The aerial work platform fatal injury rate in relation to the millions of rental days worldwide.



"Share incident data and help keep the industry safe" - Chris Wraith, IPAF technical & safety executive

on the IPAF Powered Access Rental Market Reports (www.ipaf.org/reports)

- Estimated average utilisation rates per country and worldwide (utilisation rate is defined as the share of the fleet out on rent at any time over a year)
- Average days worked per year (5 days a week for 50 weeks a year)
- The number of fatalities involving platforms in a given year, based on the IPAF accident reporting project (www.ipaf.org/incident)

Presenting the research at the IPAF Summit in Madrid, Chris Wraith, IPAF technical & safety executive, noted that international accident

data is presented in different formats, which makes it difficult to draw useful comparisons. He said: "MEWPs are part of the solution in preventing falls from height, but we should recognise that they introduce hazards that need managing. Engineering control is but one option, and the industry is starting to work together on a global scale to ensure continual improvement."

All manufacturers, rental companies, contractors and users are encouraged to report any known accidents (not just fatal and serious accidents) involving aerial work platforms and mastclimbers at www.ipaf.org/accident

4% growth in worldwide lift rental fleet

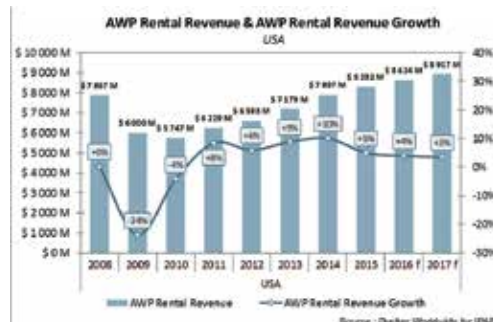
There are now 1,170,000 aerial work platforms in the worldwide rental fleet. Up four percent from on the year, according to research commissioned by IPAF.

The US access rental market recorded moderate growth of five percent in 2015 to reach approximately \$8.3 billion, according to the IPAF US Powered Access Rental Market Report 2016. The rental fleet expanded three percent to exceed 530,000 units. Due to the current slowdown in the oil sector, the proportion going to construction increased slightly to 73 percent.

The Chinese aerial lift rental fleet grew 35 percent in 2015 to reach approximately 12,200 units, while the European market grew by three percent and is estimated at €2.7 billion. Fleet expansion continued at a moderate pace to reach 313,000 units. The 10 European countries surveyed were: Denmark, Finland, France, Germany, Italy, the Netherlands, Norway, Spain, Sweden and the UK.

The IPAF rental market reports are presented in an easy-to-read format, highlighting key facts and figures, such as fleet size, utilisation rate and retention period. They include an estimate of the size of the aerial work platform rental fleet worldwide, with a breakdown by region and machine type.

New aspects covered in the 2016 reports include: details on construction and non-construction sub-sectors in the rental revenue, utilisation rates by equipment type (booms vs. scissor), and preliminary estimates of the number of operators trained annually.



The US report includes Canada. The European report includes seven individual country/regional sections: France, Germany, Italy, the Netherlands, Nordic/Scandinavian countries (covering Denmark, Finland, Norway and Sweden), Spain and UK.

The IPAF US and European Powered Access Rental Market Reports 2016 can be purchased at www.ipaf.org/reports.

Are you loading and unloading safely?

Visit the IPAF stand 112A at Vertical Days for technical guidance and advice on the safe loading and unloading of aerial work platforms.

