



# Pole side impact accident data – France national & LAB data

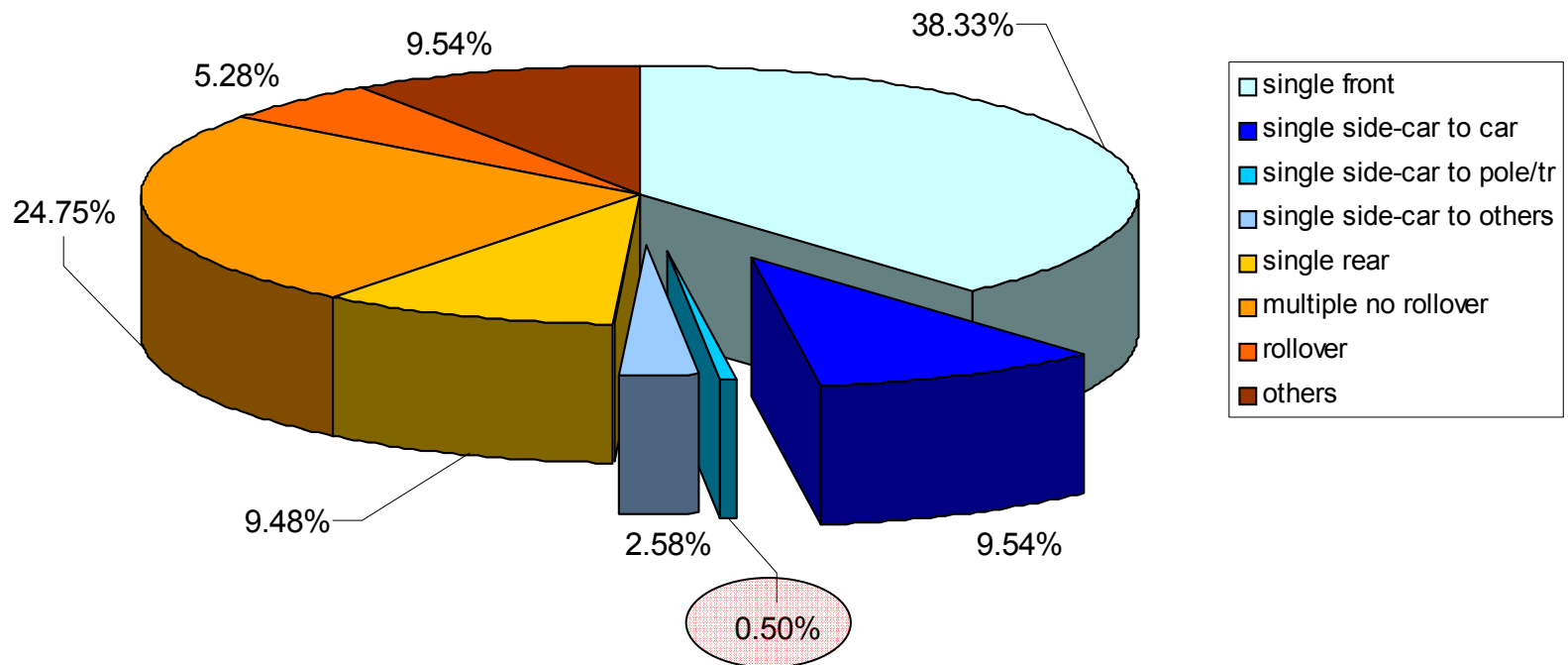
LAB data = only severe & fatal accidents taken into account



## National data

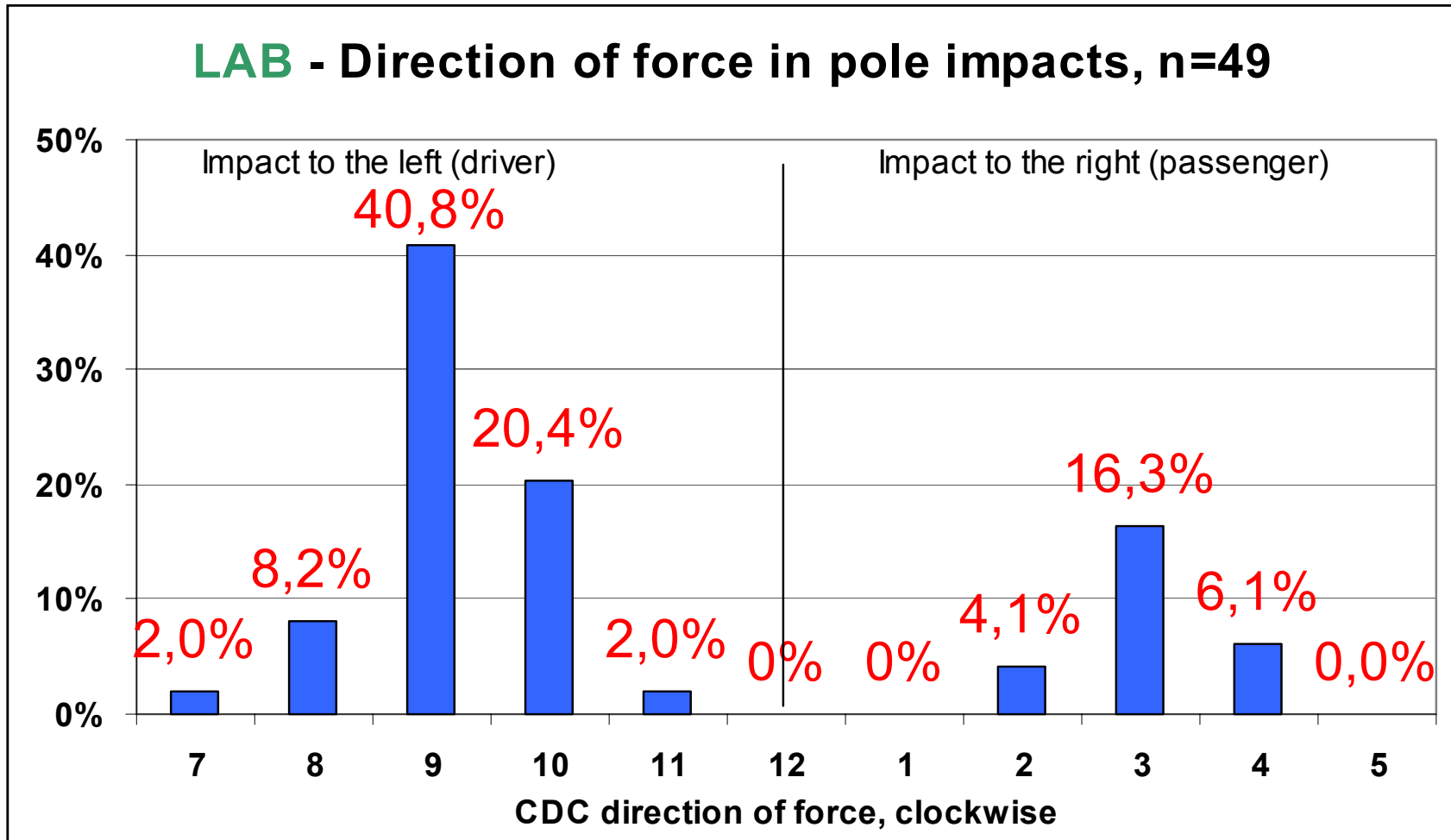
# Frequency of pole side impact

French National data base year 2008, n=13591  
car design according to R95  
accidents to vulnerable road users excluded



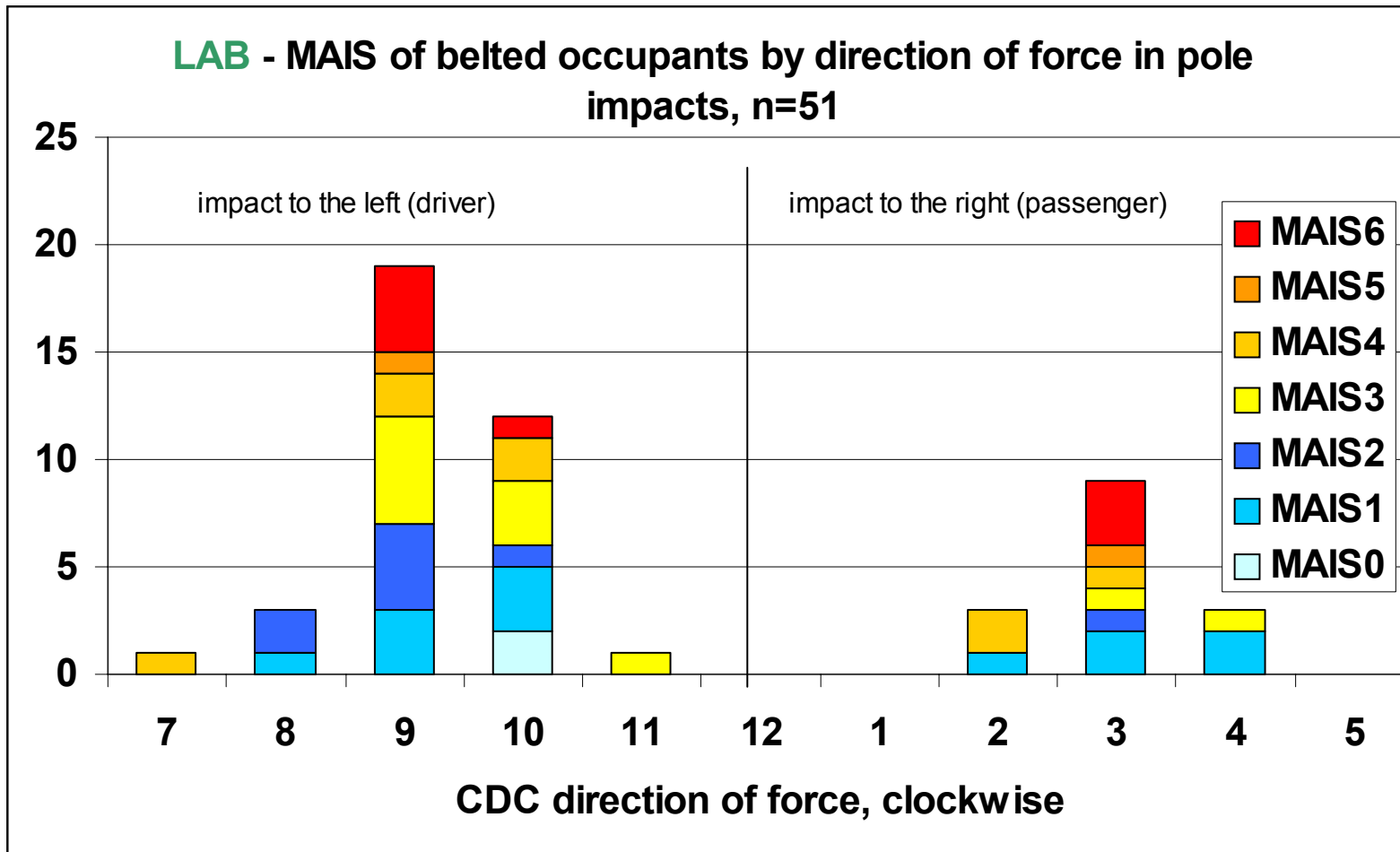
Pole impacts are not very frequent

# Direction of force



**Result: Perpendicular is the most frequent impact direction**

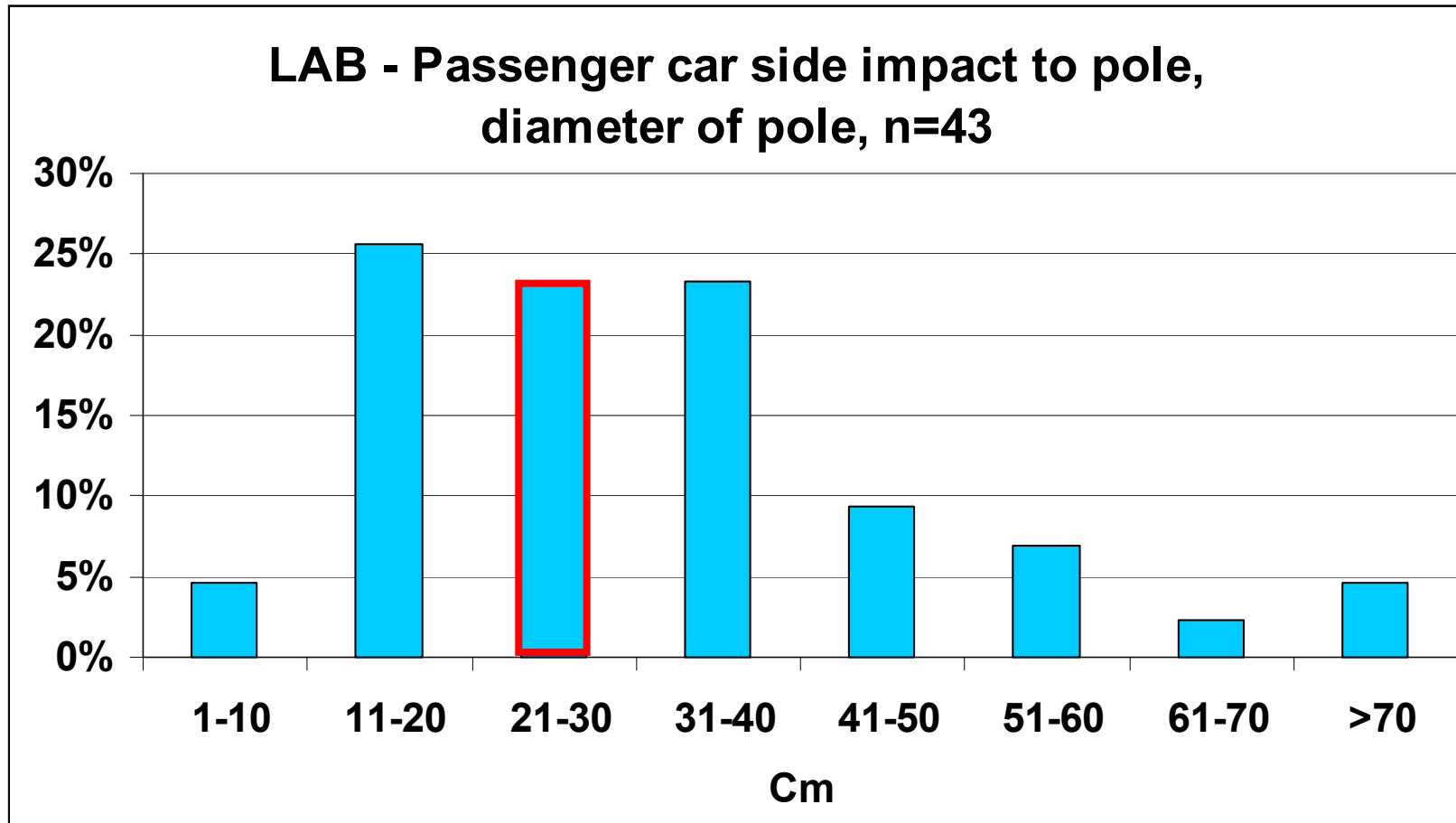
# Direction of force including severity



## Result:

Perpendicular is the most frequent **AND** most severe impact direction

## Diameter of Pole



**Result:** The pole diameter in current tests seems appropriate



# Conclusion

Detailed analysis based on French national & LAB data is in line with the EEVC synthesis (PSI-01-11) presented during the last IG in November 2010 in Bonn.