



MARTS Technical Conference Wheelset Removals

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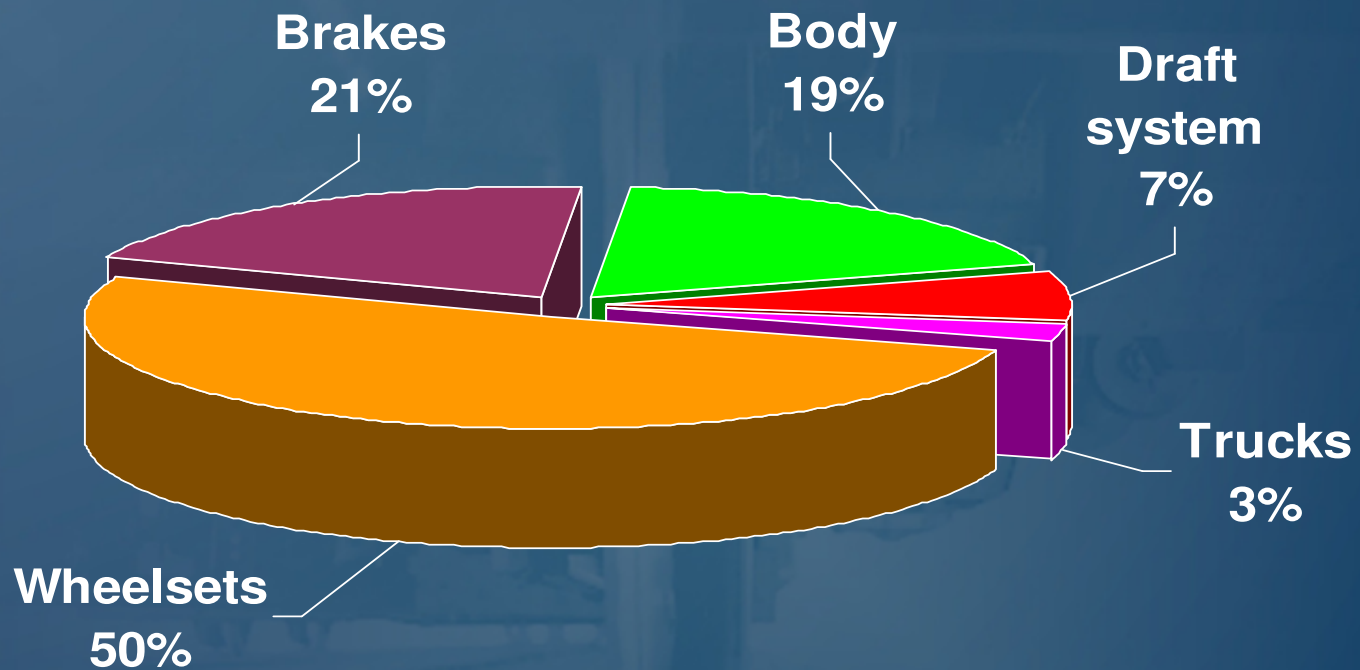


Wheel Shelling Progression





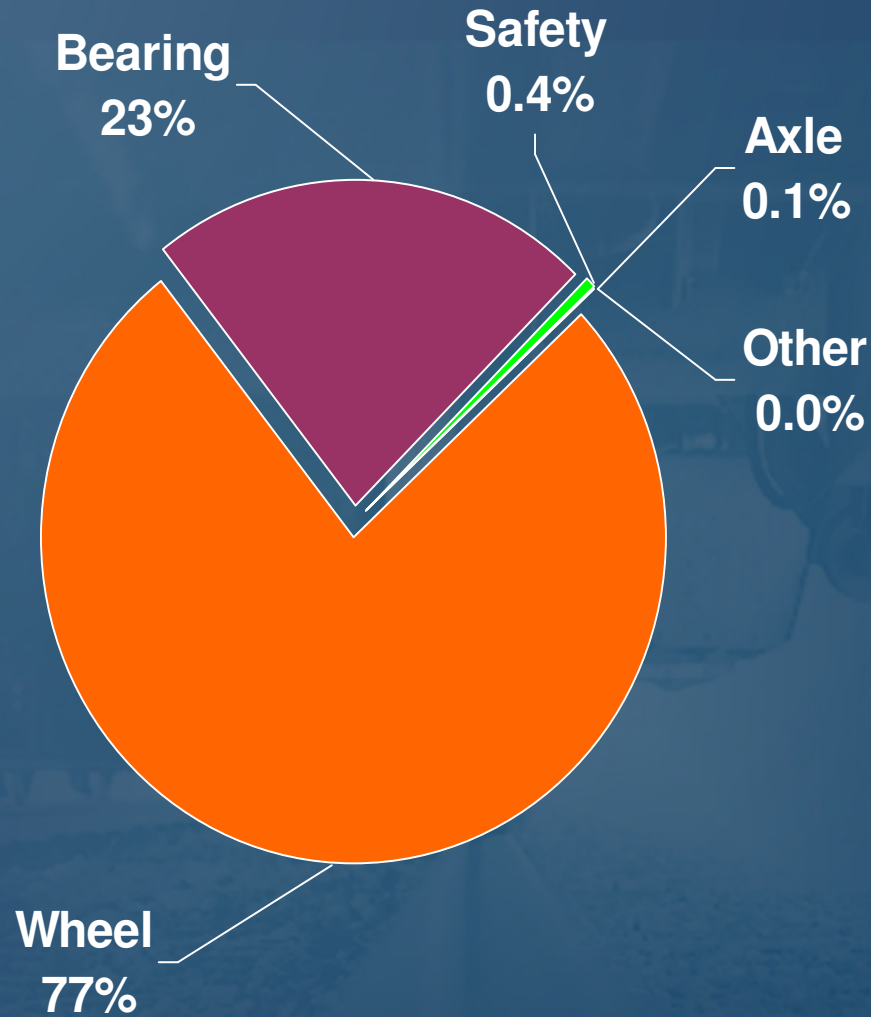
Equipment Freight Car Repair & Maintenance



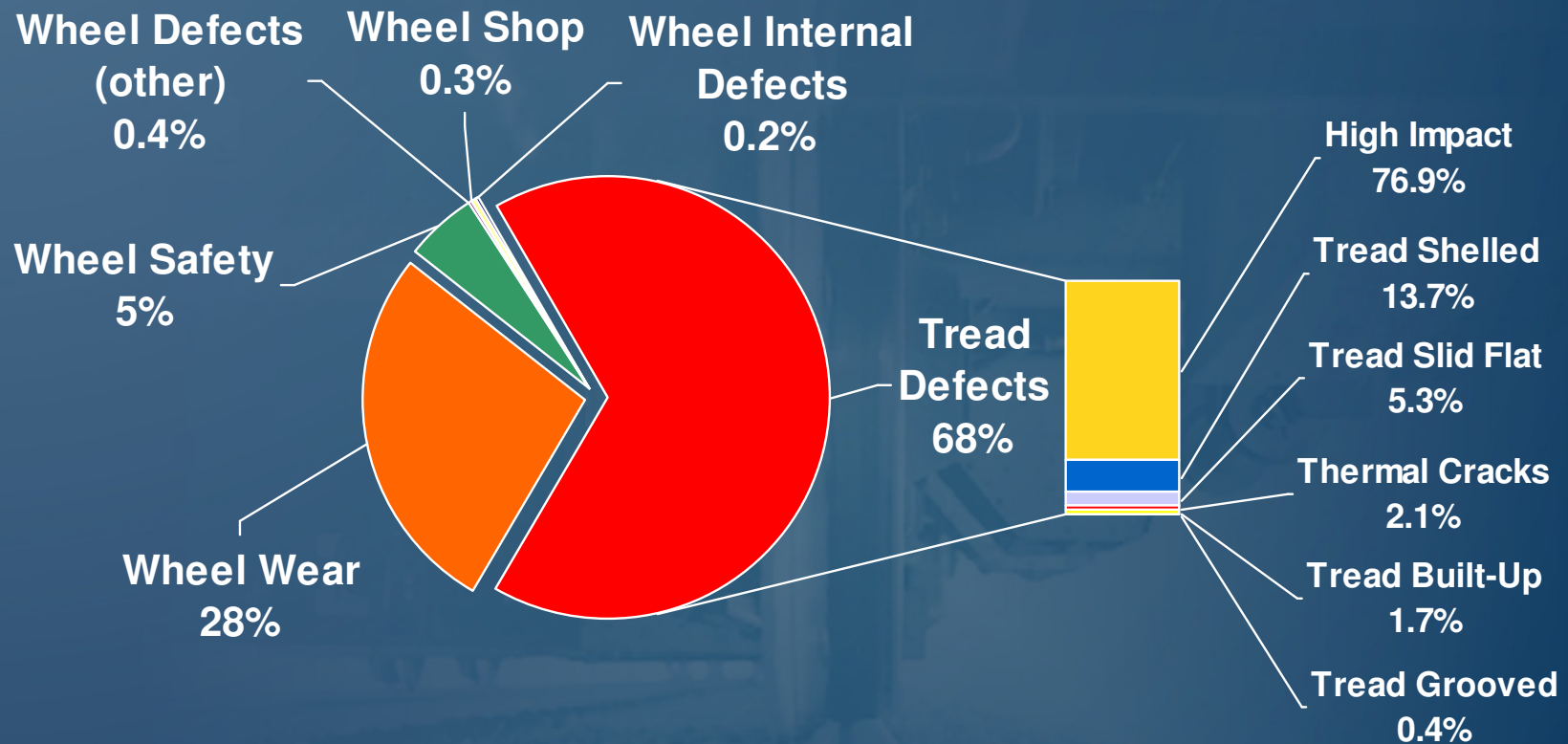
Source: AAR Car Repair Billing reported wheelset removals (2008). CRB statistics represent approximately fifty percent of industry removals.

Note: Percentages represent major repair and maintenance cost for freight car equipment.

Paired Wheelset Removals Removals by AAR Interchange Rule



Equipment Paired Wheelset Removals

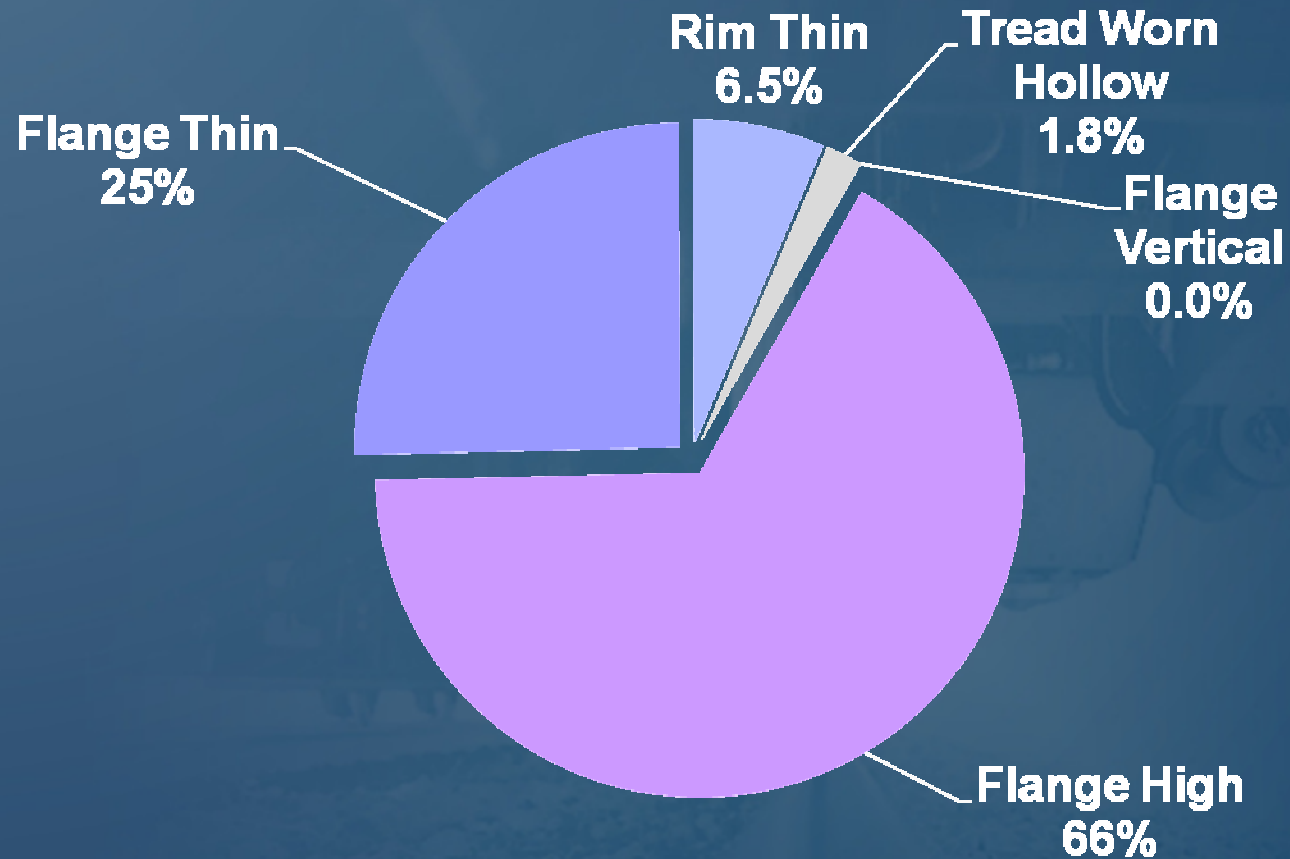


Specific sub-groups for tread defect removals

Source: Car Repair Billing reported wheelset removals (2006-2008). CRB statistics represent approximately fifty percent of industry removals.

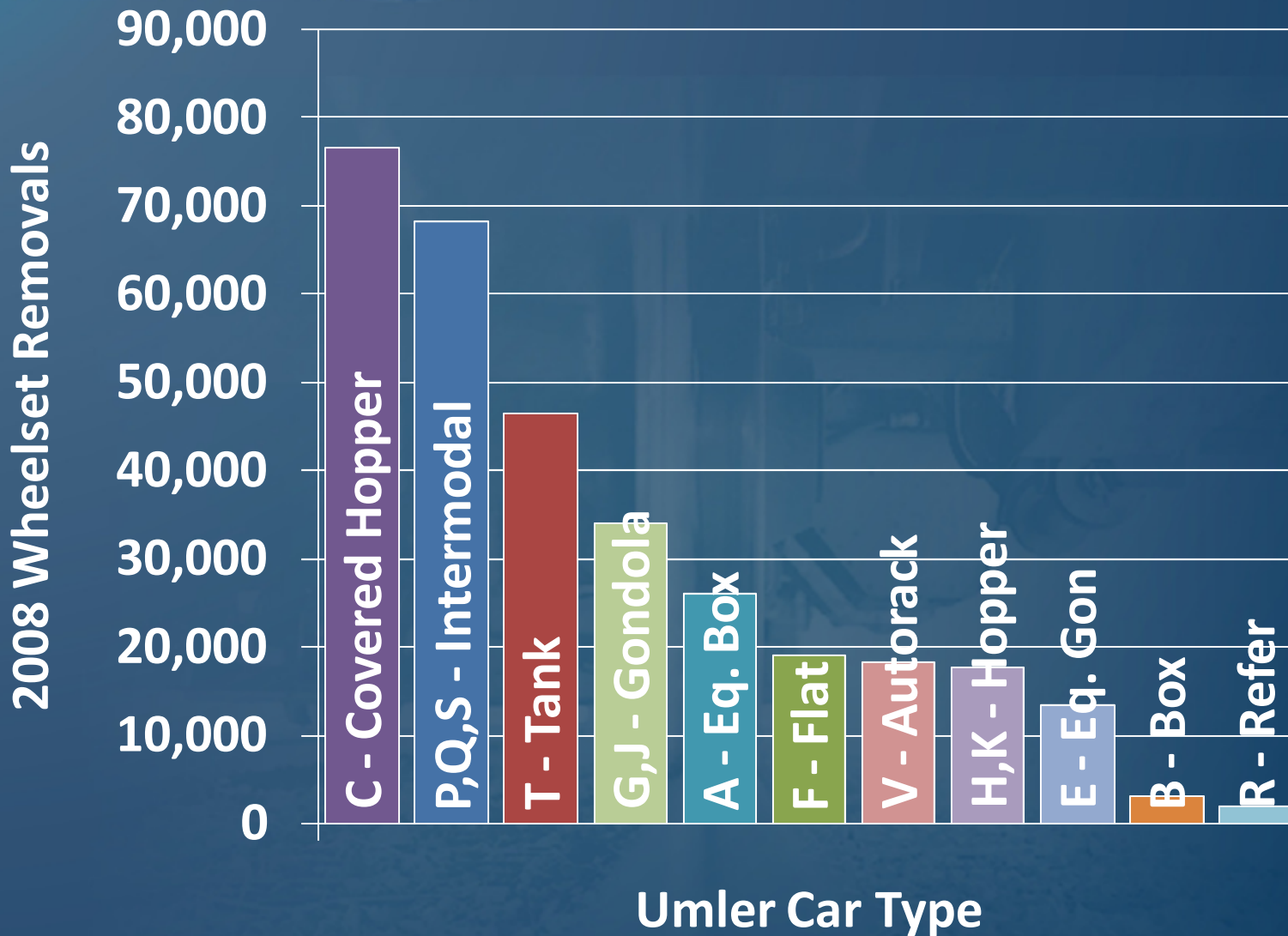
Note: Percentages represent the cumulative number of wheelset removals, by sub-group and specific sub-group.

Paired Wheelset Removals Wear



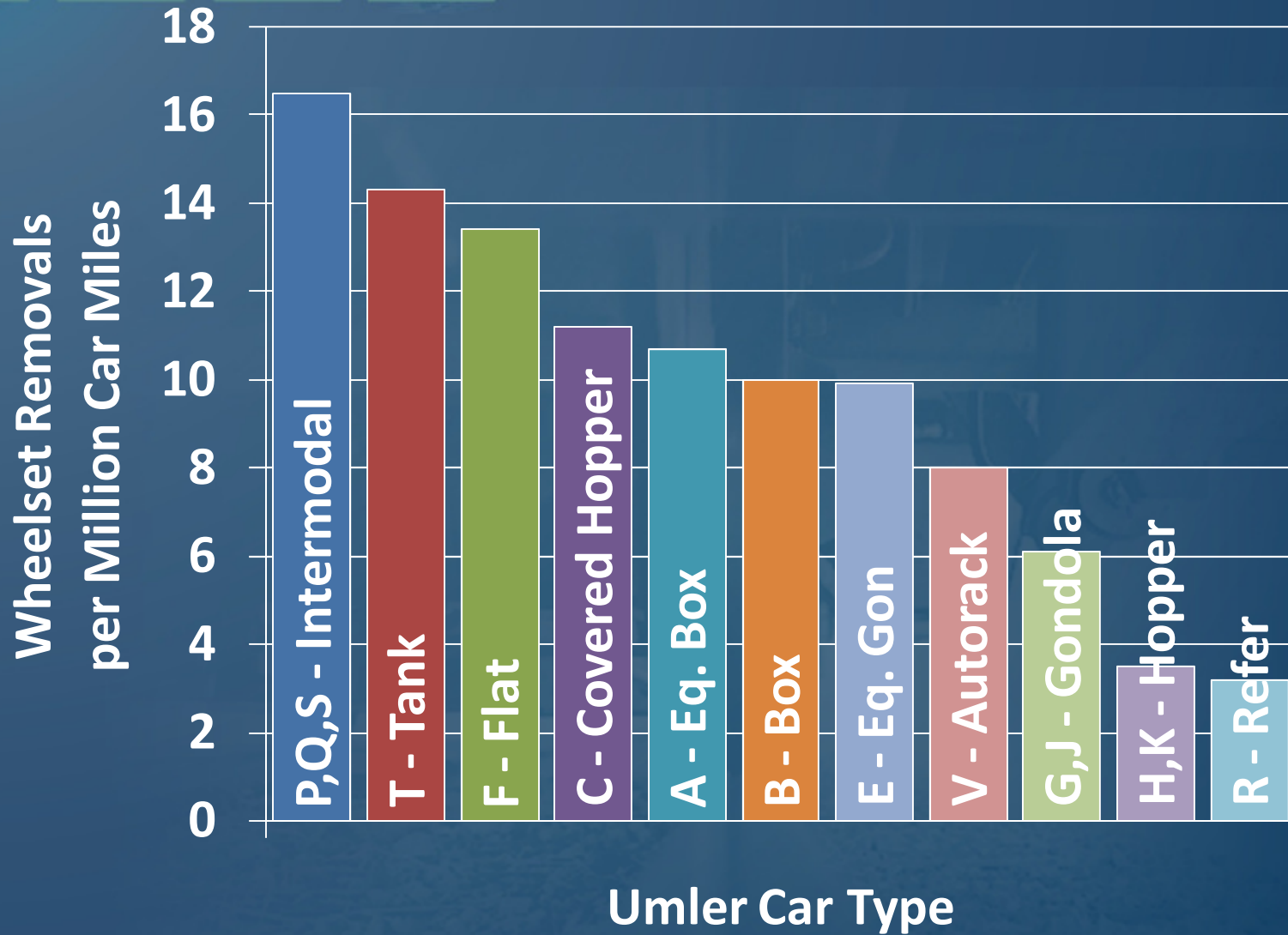


Paired Wheelset Removals by Car Type





Paired Wheelset Removals by Car Type





Acknowledgements

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- ◆ Chris Pinney, TTCI, for his diligent work assembling this data