


Lessons from Recent Incidents

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- Overview of 100 incidents in the past 15 years
 - OAMPS clients only

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Criteria

- 100 incidents involving dangerous goods – not just rollovers
- This includes the 20 most serious incidents
- All incidents had some form of response requirement
- 15 year period as it is 15 years since the EPA became serious about remediation following an incident

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Average cost:

\$290,000
per claim

Average cost of 20 most
serious incidents in
15 years:

\$2.5 Million

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	OAMPS Statistics 100 incidents over past 15 years	United States Statistics on 1,300 reported tanker rollovers
Fatalities	8%	4%
Reasonable road conditions	85%	93%
Straight road	50%	56%
Drivers with more than 10 years experience	87%	66%
Single vehicles	66%	No stats
Driver error	86%	78%
Poor road conditions (wet undulating terrain)	12%	No stats
Partial load (incidents)	40%	90%+
Suspected equipment failure (mainly tank failure), suspect brakes	3%	15%
Insurance coverage (Main short fall, value of tanks and equipment, downtime)	98%	70%

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Our conclusions

3 main causes of incidents:

1. Inattention
2. Speed
3. Lack of clarity regarding responsibilities

- Can we lift driver awareness?
- Why do non-compliant operators even get access to dangerous goods products?

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