



National Bulk Tanker Association

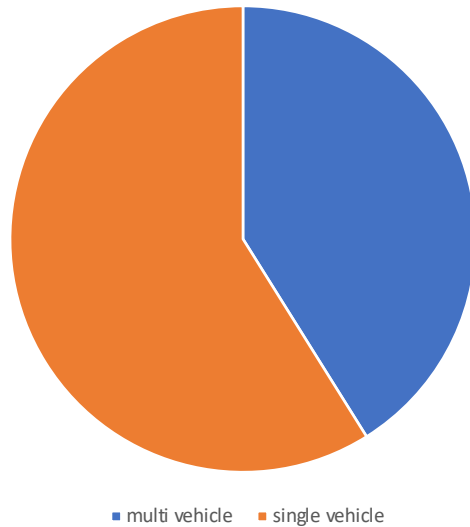
Bulk Tanker incident and accident data 2016 – mid 2019

Collecting data since January 2016 – based on key word searching of the internet

Incident	Date	Road	Location	State	Single or	Roll over	Loss of coi	Fatalities	Critical	Classification	Type of Vehicle	Product	URL	Title	Description
1	13/07/2016												http://www.theage.com.au/victoria/melbourne-express-thursday-july-14-2016	Melbourne Express: Thursday, July 14, 2016	A chemical truck is leaking hydrochloric acid o
1	13/07/2016												http://www.9news.com.au/national/2016/07/14/08/06/chemical-spill-calde	Truck leaks hydrochloric acid on Calder Freeway	The tanker pulled over on the freeway north o
1	13/07/2016												http://www.heraldsun.com.au/news/victoria/pedestrian-hit-by-car-on-fernr	Pedestrian hit by car on Ferntree Gully Road, chemical spill on Calder ...	Nine News Melbourne (@9NewsMelb) July 13
1	14/07/2016	Calder Freeway	Gisbourne	Vic	Single	No	Yes	0	No	Leak due to mechar	Semi-trailer	Sulphuric acid	http://www.bendigoadvertiser.com.au/story/4029744/acid-spill-on-the-calde	Acid spill on the Calder Freeway Bendigo Advertiser	UPDATE 4.20pm: Northbound lanes of the Cal
2	20/07/2016												http://www.couriermail.com.au/news/queensland/bdouble-truck-rolls-on-cu	Highway re-opens after truck roll	AUTHORITIES have reopened the Cunningham
2	20/07/2016												http://www.chinchillanews.com.au/news/truck-crash-cunningham-hwy-caus	Highway open to traffic following rollover	Authorities will now face the painstaking task
2	20/07/2016												http://www.brisbanetimes.com.au/queensland/cunninghams-gap-emergenc	Chemical scare closes highway after truck rolls	The Cunningham Highway has reopened after
2	20/07/2016												http://www.couriermail.com.au/news/queensland/bdouble-truck-rolls-on-cu	B-Double truck rolls on Cunningham Highway at Cunningham's Gap ...	Chemical truck rollover. QLD ... Nine News Bri
2	21/07/2016	Cunningham High	Cunninghar	Qld	Single	Yes	Yes	0	No	Tanker rollover	B-double	Anhydrous Amonia	http://www.9news.com.au/national/2016/07/21/19/19/cunningham-highw	Cunningham Highway reopens after 17-hour clean-up from Highway reopens after 17-hour clean-up fro
2	21/07/2016												http://www.brisbanetimes.com.au/queensland/cunninghams-gap-emergenc	Chemical scare closes highway after truck rolls - Brisbane Times	The Cunningham Highway has reopened after
3	29/07/2016												http://www.brisbanetimes.com.au/queensland/motorbike-rider-injured-as-ti	Motorbike rider injured as tanker leaks hydrochloric acid near ...	A tanker carrying hydrochloric acid collided wi
3	29/07/2016												http://mypolice.qld.gov.au/blog/2016/07/30/fatal-traffic-crash-gladstone-5/	Fatal traffic crash, Gladstone	Hanson Road remains closed while the crash s
3	30/07/2016												http://mypolice.qld.gov.au/blog/2016/07/30/fatal-traffic-crash-gladstone-5/	Fatal traffic crash, Gladstone - Queensland Police News	Hanson Road remains closed while the crash s
3	30/07/2016												http://www.brisbanetimes.com.au/queensland/motorbike-rider-injured-as-ti	Motorbike rider injured as tanker leaks hydrochloric acid near Gladstone	A tanker carrying hydrochloric acid has collide
3	1/08/2016	Hanson Road	Gladstone	Qld	Multi	No	Yes	1	Yes	Collision involving c	A-double	Hydrochloric Acid	http://www.gladstoneobserver.com.au/news/breaking-car-motorbike-crush	UPDATE: Police seize dash-cam footage from truck in Gladstone ...	A motorbike rider and truck driver, also involv
4	18/08/2016												http://www.smh.com.au/nsw/truck-crash-near-sydney-airport-causes-traffic	Fuel tanker crash near Sydney Airport causes traffic jams on ...	Fuel tanker crash near Sydney Airport causes t
4	18/08/2016												http://www.abc.net.au/news/2016-08-19/sydney-airport-tanker-fuel-spill-cl	Fuel tanker overturns near Sydney Airport causing traffic delays at ...	The truck failed to negotiate a corner on Went
4	18/08/2016												http://www.news.com.au/national/nsw-act/news/road-accident-diverted-tri	Road accident, diverted trains cause peak-hour pain at Sydney Airport	The stricken tanker tipped over on Wentworth
4	18/08/2016												http://www.dailylegaph.com.au/news/nsw/petrol-tanker-rolls-on-souther	Petrol tanker rolls on Southern Cross Drive, trucks collide in fatal ...	Fire and Rescue NSW crews will remove the t
4	18/08/2016												http://www.news.com.au/national/breaking-news/fuel-tanker-overturns-nea	Flipped tanker removed near Sydney Airport - News.com.au	Fire and Rescue NSW crews will remove the t
4	18/08/2016												http://www.abc.net.au/news/2016-08-19/sydney-airport-tanker-fuel-spill-cl	Fuel tanker overturns near Sydney Airport causing traffic delays at ...	The truck failed to negotiate a corner on Went
4	19/08/2016	Wentworth Ave	Mascot	Nsw	Single	Yes	Yes	0	No	Tanker rollover	Semi-trailer	Motor spirit (petrol)	http://www.abc.net.au/news/2016-08-20/road-reopens-after-fuel-tanker-sp	Sydney's Wentworth Avenue reopens after fuel tanker spill	Contractors will continue working to clean up
4	19/08/2016												http://www.huffingtonpost.com.au/2016/08/19/massive-fuel-clean-up-unde	Massive Fuel Clean-Up Underway In Sydney After Truck Crash	Police are urging motorists to be aware of tra
4	19/08/2016												http://www.smh.com.au/nsw/truck-crash-near-sydney-airport-causes-traffic	Fuel tanker crash near Sydney Airport causes traffic jams on Southern ...	The tanker carrying 34,000 litres of diesel and
4	19/08/2016												http://www.news.com.au/national/nsw-act/news/road-accident-diverted-tri	Sydney Airport: Overturned tanker causes traffic chaos on airport roads	Road accident, diverted trains cause peak-hou
4	19/08/2016												http://www.abc.net.au/news/2016-08-20/road-reopens-after-fuel-tanker-sp	Sydney's Wentworth Avenue reopens after fuel tanker spill - ABC ...	Contractors work around the clock to clean up
4	19/08/2016												http://www.triple.com.au/sydney/news/blog/2016/8/sydney-tanker-emerj	Sydney Tanker Emergency - Triple M	The tanker flipped on Wentworth Avenue near
4	19/08/2016												http://www.pdpc.nsw.gov.au/news/latest_releases?sq_content_src=%2Bd	Inquiries continue after tanker crash at Mascot - NSW Police Force	Inquiries are continuing after a fuel tanker ove
4	19/08/2016												http://www.skynews.com.au/news/local/sydney/nsw/2016/08/19/fuel-tank	Fuel tanker flips near Sydney airport - Sky News	A petrol tanker carrying 30000 litres of fuel ha
4	19/08/2016												http://acapmag.com.au/home/2016/08/delays-tanker-flips-near-sydney-airp	Delays as tanker flips near Sydney airport - ACAPMAG - The voice of ...	The petrol tanker flipped on a major road at Iv
4	19/08/2016												http://www.w3livenews.com/2016/08/19/sydney-airport-fuel-tanker-spill-cl	Sydney Airport fuel tanker spill closes Eastlakes roads during morning ...	A large fuel spill from an overturned fuel tank
5	19/08/2016	Wollar Road	Wilpinjong	Nsw	Single	Yes	Yes	0	No	Tanker rollover	Semi-trailer	Motor spirit (petrol)	http://www.mudgeeguardian.com.au/story/4107262/fuel-tanker-rollover-on	Fuel tanker rollover on Wollar Road Mudgee Guardian	Various units from the NSW Rural Fire Service
6	28/08/2016												http://www.themercury.com.au/news/tasmania/truck-rollover-closes-bass-h	Highway reopens after gas tanker rollover	A TRUCK driver has been taken to hospital aft
6	28/08/2016												http://www.themercury.com.au/news/tasmania/truck-rollover-closes-bass-h	Truck rollover closes Bass Highway near Burnie in state's North-West ...	A TRUCK driver has been taken to hospital aft
6	29/08/2016	Bass Highway	Chasm Cree	Tas	Single	Yes	No	0	Yes	Tanker rollover	Rigid tanker	Hydrocarbon gas (LPG	http://www.theadvocate.com.au/story/4125791/truck-rollover-round-hill/	Truck rollover Round Hill The Advocate	Rollover: The scene of the truck rollover at Ro
6	29/08/2016												http://www.police.tas.gov.au/news-events/media-releases/chasm-creek-cra	Tasmania Police Chasm Creek Crash , Aï Truck Rollover	A single vehicle truck rollover occurred on the
7	2/09/2016												http://www.standard.net.au/story/4139940/crash-passenger-youth-remand	Police arrest, charge and remand in custody 15-year-old youth after collision with a B-double petrol tanker five l
7	2/09/2016												http://www.standard.net.au/story/4139153/camperdown-crash-wanted-mai	Camperdown crash: Wanted man involved The Standard	Emergency services work at the scene of a acc
7	4/09/2016	Princes Highway	Camperdou	Vic	Multi	No	No	0	No	Collision involving c	B-double	Motor spirit (petrol)	http://www.theage.com.au/victoria/armed-robbery-suspect-caught-after-cr	Armed robbery suspect caught after crash with petrol tanker	A man on the run following an alleged armed
7	4/09/2016												http://www.powerfmsa.com.au/news/current-events/60137-vic-petrol-tanke	Vic petrol tanker crash leads to arrest - Power FM SA	The 20-year-old remains under police guard in

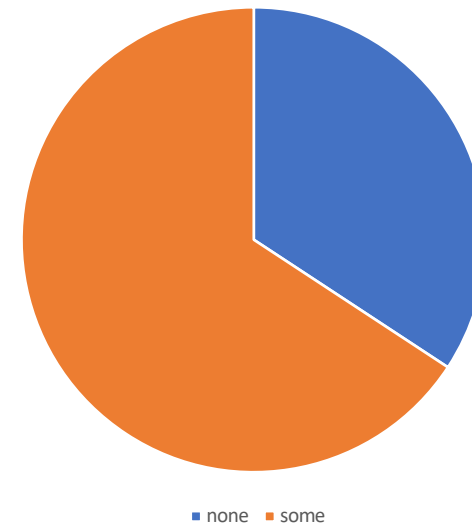
Context – the size of the prize

DG tanker incidents - single vs multi vehicle incidents, 2016 - mid 2019



73 incidents in the last 3 1/2 calendar years
20 to 25 per annum
Around 60% are single vehicle incidents

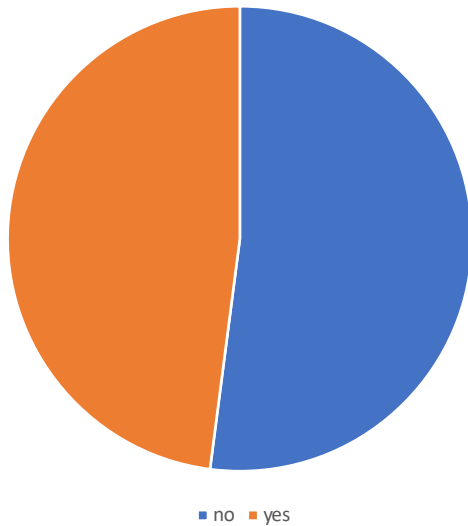
DG tanker incidents - loss of containment 2016 - mid 2019



66% involved a loss of containment

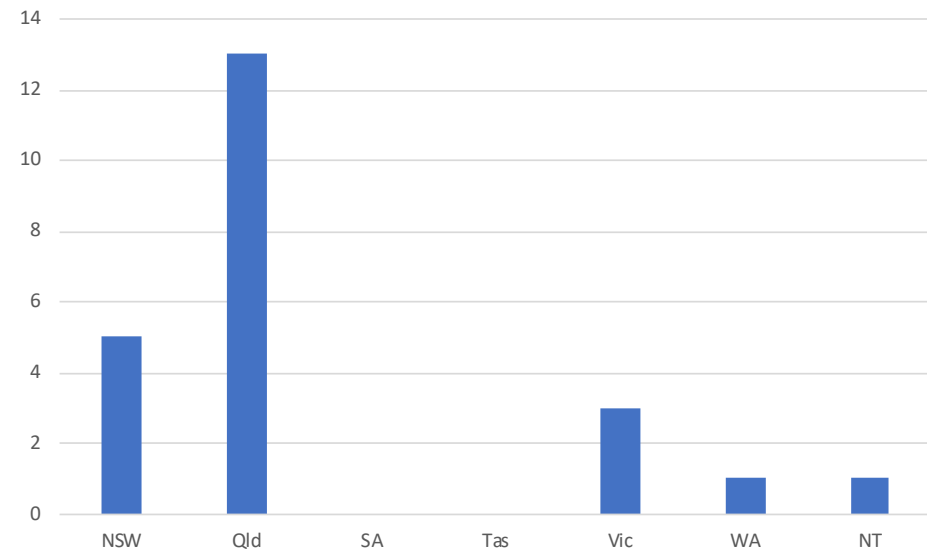
Context – the size of the prize

DG tanker incidents - roll over frequency
2016 - mid 2019



48% rolled over

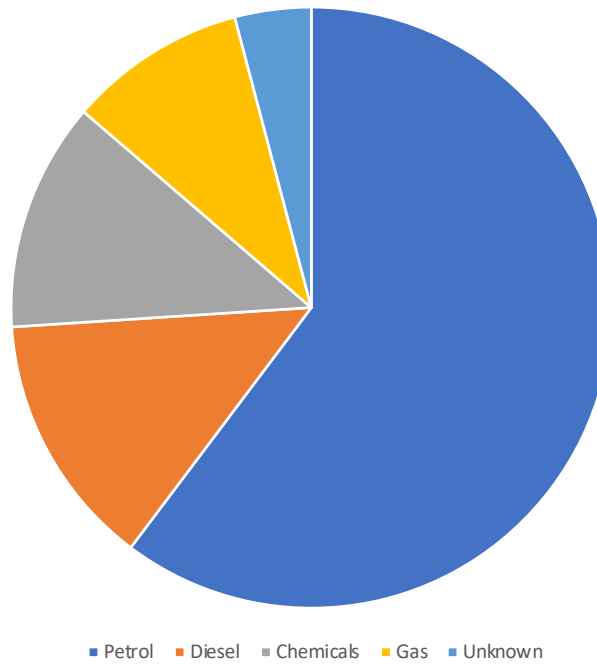
DG tanker incident fatalities 2016 - mid 2019



23 people died

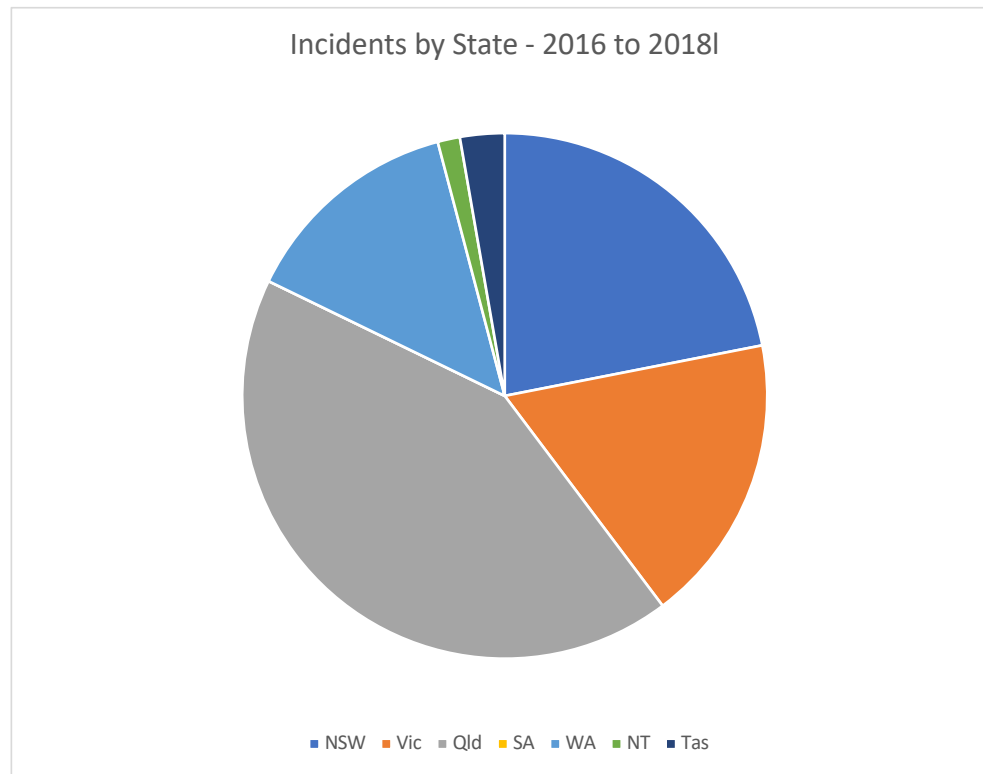
Context – the size of the prize

DG tanker incidents - product type, 2016 to mid 2019



60% petroleum
Around 75% is petroleum and diesel

Context – the size of the prize

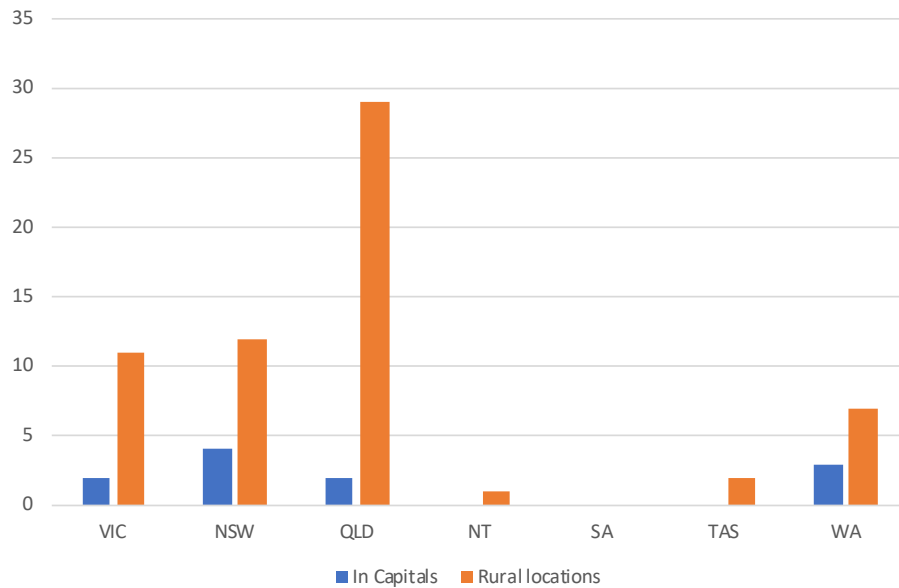


Victoria and NSW account for close to 20% each of total incidents

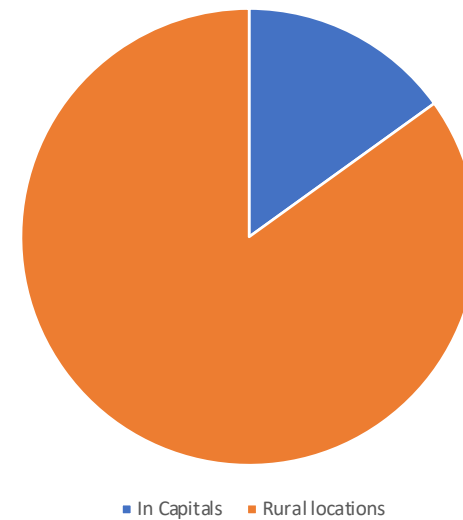
Queensland is over 40% of the total incidents for Australia for the 3 ½ years to mid 2019

Context – the size of the prize

Tanker incidents in Capital Cities vs Rural locations 2016 - June 2019



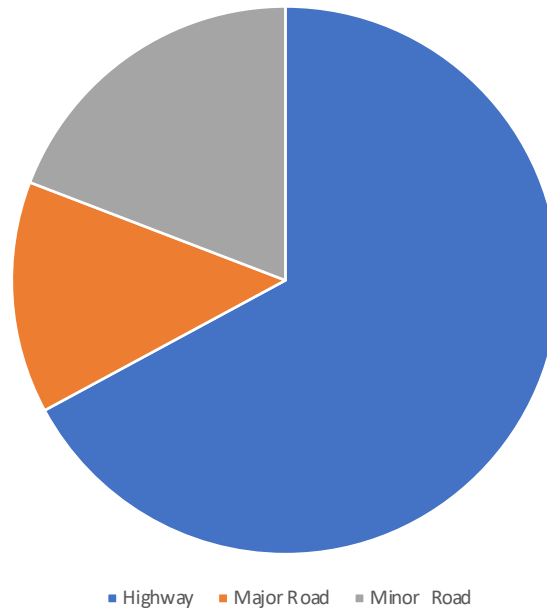
Tanker incidents in Capital Cities vs Rural locations 2016 - June 2019



Only 15% of the incidents occurred in Capital Cities

Context – the size of the prize

DG tanker fatal incidents - by road type



67% of incidents are on major highways

