

# Releases from Onshore PL ROW

## 12 Month Rolling Average through December 31, 2011

		12	3 YR	12	3 YR	12	3 YR	12	3 YR
		Month	Avg	Month	Avg	Month	Avg	12 Month	3 YR
		<b>RATES (Miles)</b>				<b>RATES (Bbl-Mi)</b>			
		Number	Barrels	Number	Barrels				
		per 1,000	Spilled	per Bn Bbl-	Spilled				
		Miles	per Mile	Mi	per Bn				
				Bbl-Mi	Bbl-Mi				
<b>KM Total</b>		0.385	0.100	**0.501	0.028	0.010	0.003	**13.054	0.741
<b>*Industry (US)</b>		0.409	0.456	0.185	0.362	0.017	0.020	7.929	15.627

Failures involving onshore pipelines that occurred on the ROW, including valve sites, in which there is a release of the liquid or carbon dioxide transported resulting in any of the following: (a) Explosion or fire not intentionally set by the operator. (b) Release 5 barrels or greater. (NOTE: PHMSA does not record system location for releases less than 5 barrels.) (c) Death of any person; (d) Personal injury necessitating hospitalization; (e) Estimated property damage, including cost of clean-up and recovery, value of lost product, and damage to the property of the operator or others, or both, exceeding \$50,000. Not included: natural gas transportation assets.

KM total excludes non-DOT jurisdictional CO2 Gathering and Crude Gathering for compatibility with industry comparisons  
Data averaged over 3 years for compatibility with other entries.

\*Industry averages are for calendar year 2009 because PHMSA only collects infrastructure data once a year.

\*\*A single event caused the release rates to go above industry average. An excavator struck our Cochin Pipeline without first performing a "Call Before You Dig (811)". The line was well marked and was deeper than required by regulation. Since the line was in propane service, there was no impact to soil or groundwater. Without this single event, the total release statistics would be .066 Barrels Spilled per Mile and 1.720 Barrels Spilled per Bn Bbl-Mi, still far below industry average. Please call 811 to have potential lines marked for free before any excavation.