

Releases from Onshore PL ROW

12 Month Rolling Average through July 31, 2023

12 Month		3 YR Avg.		12 Month		3 YR Avg.		12 Month		3 YR Avg.	
RATES (Miles)						RATES (Bbl-Mi)					
		Number per 1,000 Miles		Barrels Spilled per Mile				Number per Bn Bbl-Mi		Barrels Spilled per Bn Bbl-Mi	
KM Total *		0.243	0.297	0.009	0.082	0.005	0.006	0.169	1.606		
Industry (US) **		0.280	0.294	0.260	0.369	0.008	0.009	7.242	10.825		

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; (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.

* KM's 3 YR averages are for calendar years 2020-2022 and are calculated once a year.

** All Industry averages are calculated once a year and 3 YR averages are for calendar years 2020-2022 due to PHMSA only collecting infrastructure data once a year.