

Releases from Onshore PL ROW

12 Month Rolling Average through July 31, 2022

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 *	0.324	0.232	0.006	0.080	0.007	0.004	0.126	1.452				
Industry (US) **	0.323	0.308	0.192	0.331	0.011	0.010	6.332	11.025				

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 2019-2021 and are calculated once a year.

** All Industry averages are calculated once a year and 3 YR averages are for calendar years 2019-2021 due to PHMSA only collecting infrastructure data once a year.