

Table 31. Event frequencies for LNG ISO yard movement release scenarios at yards and intermodal facilities, presented here for Configuration 1 (C-1).⁴⁷

	Release rate (kg/s)	Release Frequency (/year)
1 of (b) ISOs Involved	0	1.68×10^{-4}
	1.17	2.46×10^{-6}
	18.8	4.40×10^{-6}
	Catastrophic Rupture (1 ISO)	5.28×10^{-7}
2 of (b) ISOs Involved	0	1.44×10^{-4}
	1.57	4.23×10^{-6}
	19.4	7.61×10^{-6}
	37.6	9.78×10^{-8}
	Catastrophic Rupture (1 ISO)	9.36×10^{-7}
	Catastrophic Rupture (2 ISOs)	1.41×10^{-9}
3 of (b) ISOs Involved	0	1.47×10^{-4}
	2.01	6.53×10^{-6}
	20.0	1.18×10^{-5}
	40.8	3.07×10^{-7}
	Catastrophic Rupture (1 ISO)	1.49×10^{-6}
	Catastrophic Rupture (2 ISOs)	4.49×10^{-9}
4 of (b) ISOs Involved	0	4.66×10^{-4}
	2.51	2.78×10^{-5}
	20.6	5.08×10^{-5}
	38.8	1.96×10^{-6}
	59.0	3.38×10^{-8}
	Catastrophic Rupture (1 ISO)	6.58×10^{-6}
	Catastrophic Rupture (2 ISOs)	2.97×10^{-8}
	Catastrophic Rupture (3 ISOs)	5.96×10^{-11}

⁴⁷ C-1 references the train configuration where all (b) LNG ISO cars are in a row, starting at train position (b) See Section 3.1.3 for a detailed explanation of all configurations explored.