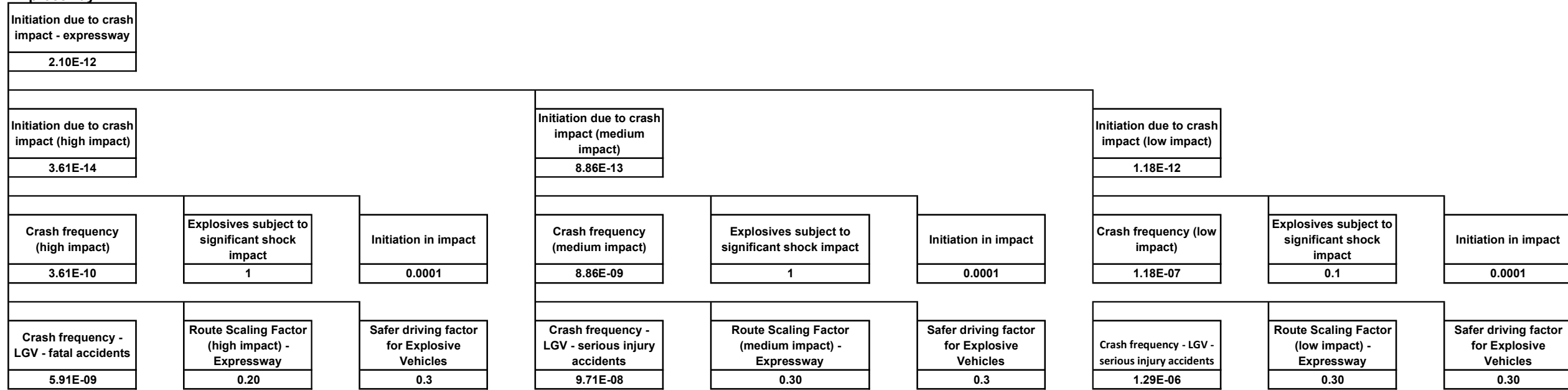


**Crash Impact Frequencies**

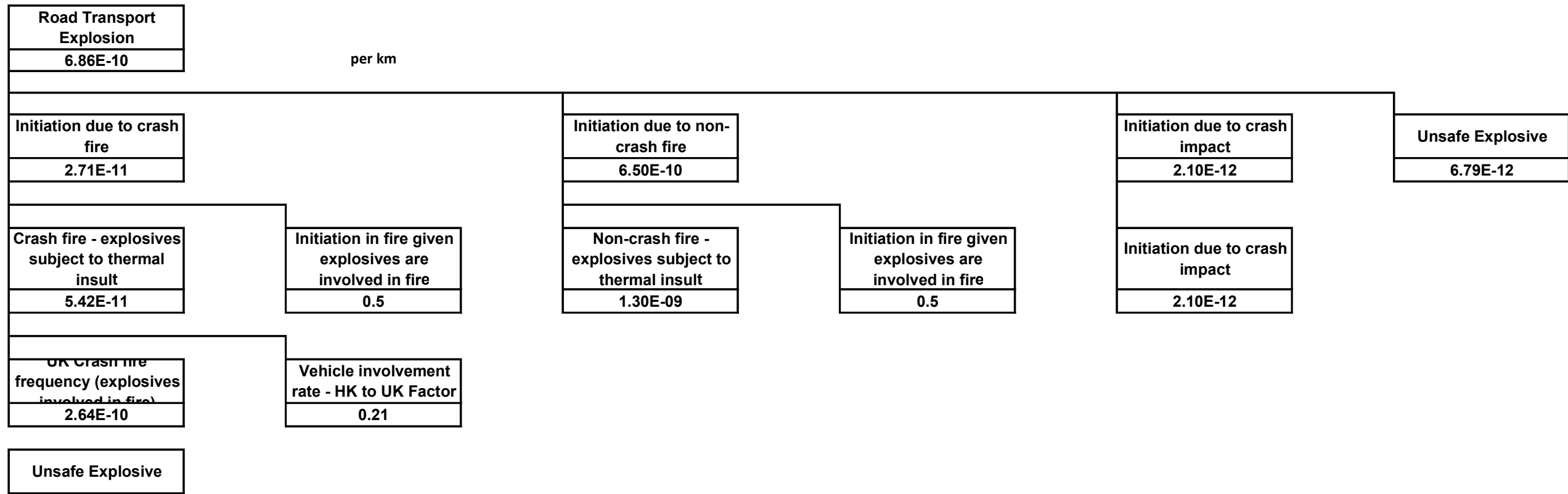
**Expressway**



Crash Impact Frequencies

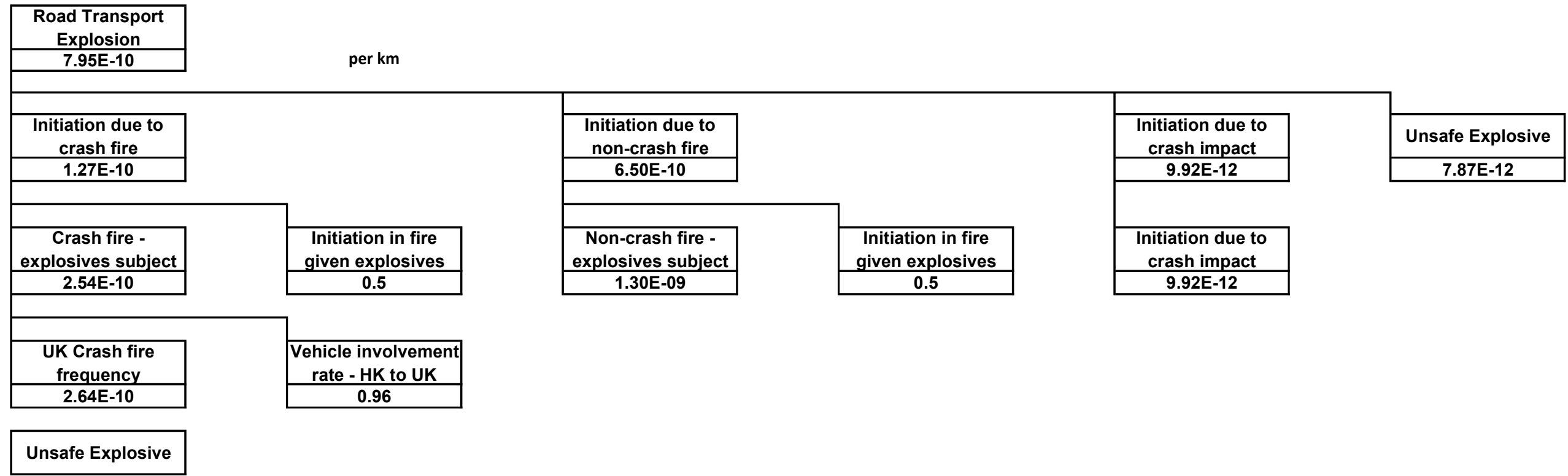
Non-Expressway - LGV			Non-Expressway - LGV			Non-Expressway - LGV		
Initiation due to crash impact - Non-Expressway			Initiation due to crash impact (medium impact)			Initiation due to crash impact (low impact)		
9.92E-12			4.14E-12			5.52E-12		
Initiation due to crash impact (high impact)			Crash frequency (medium impact)			Crash frequency (low impact)		
2.58E-13			4.14E-08			5.52E-07		
Crash frequency (high impact)	Explosives subject to significant shock impact	Initiation in impact	Crash frequency (medium impact)	Explosives subject to significant shock impact	Initiation in impact	Crash frequency (low impact)	Explosives subject to significant shock impact	Initiation in impact
2.58E-09	1	0.0001	4.14E-08	1	0.0001	5.52E-07	0.1	0.0001
Crash frequency - LGV - fatal accidents	Route Scaling Factor (high impact) - Non-Expressway	Safer driving factor for Explosive Vehicles	Crash frequency - LGV - serious injury accidents	Route Scaling Factor (medium impact) - Non-Expressway	Safer driving factor for Explosive Vehicles	Crash frequency - LGV - serious injury accidents	Route Scaling Factor (low impact) - Non-Expressway	Safer driving factor for Explosive Vehicles
5.91E-09	1.45	0.3	9.71E-08	1.42	0.3	1.29E-06	1.42	0.30

**Expressway**



1% of total risk from Initiation due to crash fire, non-crash fire & crash impact

**Non-Expressway**



1% of total risk from Initiation due to crash fire, non-crash fire & crash impact