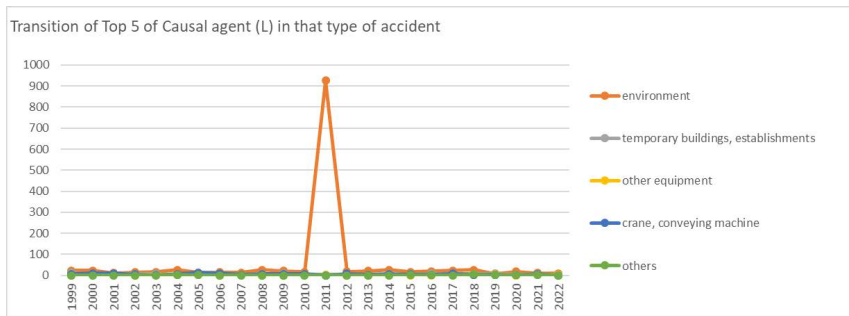
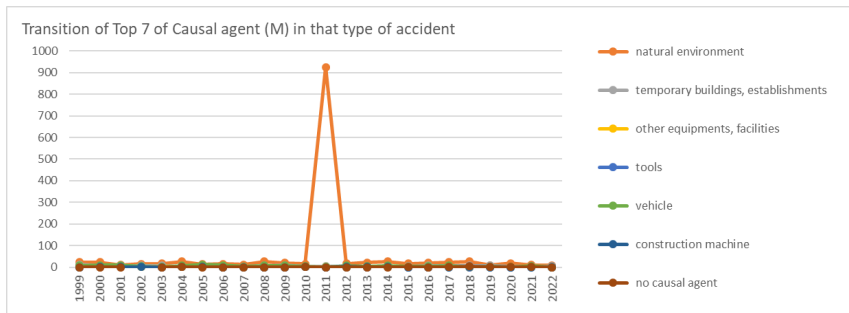


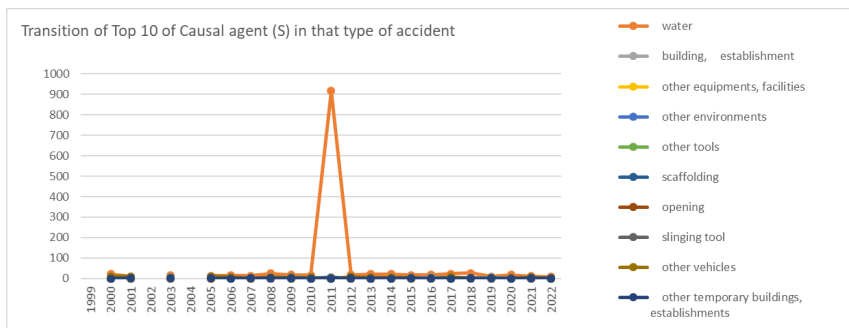
Transition of Causal agent (L, M, S) of fatal & non-fatal accident (drown) in 1999-2022



Transition of Causal agent (L) of fatal & non-fatal accident (drown) in 1999-2022



Transition of Causal agent (M) of fatal & non-fatal accident (drown) in 1999-2022



Transition of Causal agent (S) of fatal & non-fatal accident (drown) in 1999-2022

Transition of Causal agent (L) of fatal & non-fatal accident (drown) in 1999-2022

Causal agent (L)	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	total
environment	23	23	11	15	17	26	14	15	13	26	21	16	925	18	22	26	17	20	23	27	9	19	11	10	1,347
temporary buildings, establishments	12	6	7	7	8	3	7	5	3	7	9	3	4	4	1	5	5	8	6	7	8	3	5	4	137
other equipment	1	3	2	1	4	3	3	1	3	1	1	2	2		2	2	1	1	4	2	5	1	3	4	52
crane, conveying machine	7	10	10	5	2	7	14	10	4	7	7	6	1	9	4	7	5	4	9	3	4	2	7		144
others		1	1	1		3	2					1			1		2	2	1	5	2	2	3		27
machine	4	1	2	2		2	1	1				1	1	3	1	1		1	1	1					23
substance, material		1					1					1									1				4
load		1		1																	1	1			4
total	47	46	33	32	31	44	42	32	23	41	38	30	933	34	31	41	30	36	44	46	30	27	29	18	1,738

Transition of Causal agent (M) of fatal & non-fatal accident (drown) in 1999-2022

Causal agent (M)	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	total
natural environment	23	23	11	15	17	26	14	15	13	26	21	16	925	18	22	26	17	20	23	27	9	19	11	10	1,347

temporary buildings, establishments	12	6	7	7	8	3	7	5	3	7	9	3	4	4	1	5	5	8	6	7	8	3	5	4	137
other equipments, facilities	1	1	1	1	3	3	1	1	2	1	1	1	2		2	1	1	1	1		1	1	2	2	31
tools		2	1		1		2		1			1				1			3		3		1	2	18
vehicle	7	10	9	5	2	7	13	9	3	7	7	5	1	8	4	7	3	4	8	2	3	2	6		132
construction machine		1	1	1		2	1					1		3	1	1				1					13
no causal agent						1						1					1		1	4	1	2	1		12
unclassifiable		1		1		2	1							1				2		1	1				10
general machine	3		1	1				1					1												7
conveying machine			1				1	1						1			1				1		1		7
crane									1			1					1		1	1					5
other causal agents			1				1										1						2		5
load		1		1																1	1				4
metal manufacturing machine																		1	1						2
human power																				1	1				2

water		22	10		16		14	15	13	25	19	16	917	18	21	22	16	19	23	27	9	18	11	8	1,259	
building, establishment		4	4		6		2	2	2	4	6	3	1	3	1	4	2	6	4	3	4	1		2	64	
other equipments, facilities		1	1		3		1	1	2	1	1	1	2		2	1	1	1	1		1	1	2	2	26	
other environments			1		1					1	2		7			1	1					1		2	17	
other tools		2	1		1				1			1				1			3		3		1	1	15	
scaffolding			1		1		1	1			1		1			1							2	1	10	
opening								1											2	1	1	1		1	7	
slinging tool							1																	1	2	
other vehicles		9	9		2		10	7	2	7	5	5	1	8	4	5	3	2	8	2	2	2	2	6	99	
other temporary buildings, establishments			1		1		2		1	2	1			1			1	2		1	1		1		15	
cars, bus, motorcycle		1					3	2	1		2					2		2				1			14	
no causal agent												1					1		1	4	1	2	1		11	
excavating machine			1				1					1		1	1	1				1					7	
unclassifiable		1					1								1			2		1	1				7	
stairs, landing stage											1		1				1					1	1	1		6
working platform, boot board		2					1	1									1						1		6	

