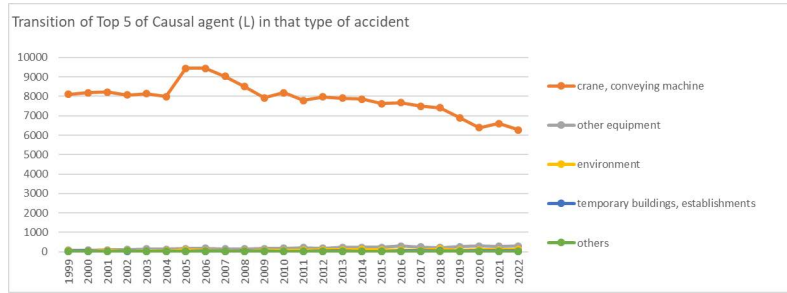
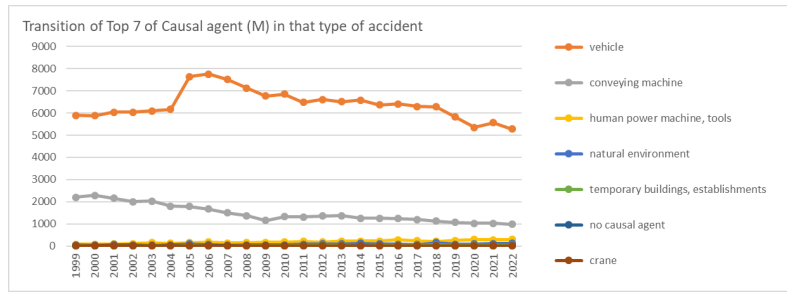


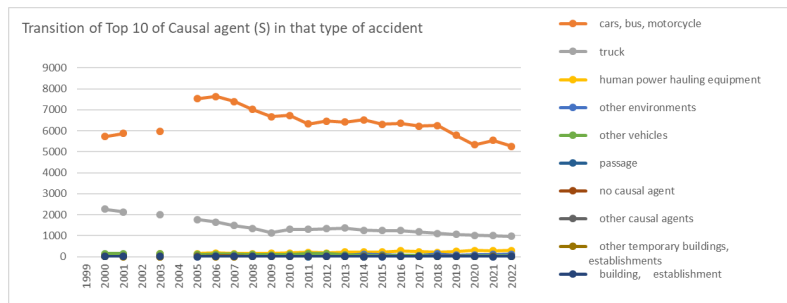
Transition of Causal agent (L, M, S) of fatal & non-fatal accident (traffic accident (public road)) in 1999-2022



Transition of Causal agent (L) of fatal & non-fatal accident (traffic accident (public road)) in 1999-2022



Transition of Causal agent (M) of fatal & non-fatal accident (traffic accident (public road)) in 1999-2022



Transition of Causal agent (S) of fatal & non-fatal accident (traffic accident (public road)) in 1999-2022

Transition of Causal agent (L) of fatal & non-fatal accident (traffic accident (public road)) in 1999-2022



electric equipment	1					1					1	1				2	1	1					8
welding equipment								1				1				1				2	1		6
engine												1	1	1								1	4
chemical facilities											1					2				1			4
power transmission mechanism										1			1									1	3
metal manufacturing machine		1								1												1	3
pressure vessel																				1			1
kiln, caldron																							
hazards, harmful substances																							

Transition of Causal agent (S) of fatal & non-fatal accident (traffic accident (public road)) in 1999-2022

Causal agent (S)	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
cars, bus, motorcycle		5,732	5,883		5,975		7,529	7,631	7,391	7,018	6,680	6,738	6,330	6,459	6,422	6,526	6,318	6,354	6,230	6,251	5,794	5,334	5,544	5,258	133,397
truck		2,263	2,140		2,010		1,775	1,657	1,484	1,356	1,137	1,311	1,299	1,343	1,369	1,255	1,247	1,241	1,180	1,109	1,070	1,018	1,011	971	29,246
human power		87	97		148		156	178	142	151	161	181	212	184	226	222	231	286	238	206	256	292	284	294	4,232

hauling equipment																									
other environments		29	49		35		84	54	34	48	45	48	71	80	77	119	85	79	63	136	75	82	99	116	1,508
other vehicles		142	155		127		111	119	122	101	88	111	143	156	93	57	43	54	58	31	30	24	26	27	1,818
passage		13	10		9		10	17	13	9	8	7	3	19	15	8	6	16	17	36	15	19	17	17	284
no causal agent		14	9		9		7	22	23	11	9	8	9	8	7	8	10	11	7	12	16	8	14	13	235
other causal agents		12	13		5		11	16	13	14	18	16	13	18	11	17	16	10	18	22	24	17	12	9	305
other temporary buildings, establishments		10	5		4		7	4	1	11	6	10	8	9	7	5	9	10	9	13	6	11	7	9	161
building, establishment		7	8		8		4	9	6	6	9	6	12	9	13	3	3	7	11	6	6	6	4	9	152
mobile crane		21	16		5		12	13	9	9	3	9	10	6	4	12	10	12	10	8	3	8	8	8	196
other powered conveying machines		16	12		11		4	7	6	10	9	7	10	4	7	2	1	7	11	10	3	3	8	7	155
vehicle for high lift work		1	3		3		3	6	6	6	5		3	6	3		3	7	1	3	4	4	2	4	73
load		6	5		6		8	9	7	4	2	6	8	10	7	2	4	4	2	1	7	3	2	3	106
forklift		7	9		9		9	4	7	3	6	4		8	1	2	3	1	3	2		5	9	3	95
leveling, transporting or loading machine		3	3		4		2	14	1	1		1	1	3	3	4	1		1	7	1		4	3	57
natural ground, rock		5	6		1		3	3	2	1	1	3	2	2	3	2	2		4	6	3	3		2	54
crane		5	3		2		3	3	2		2	2		1	1	3	1	2	1	1	3	1	2	2	40

standing tree				1		3		1		3	1	4	1	1		4			3	5	1	5	2	35	
other tools		1		1		2		2	1	1	1	1	1	1	2		3	3	2	3	1		2	28	
other equipments, facilities				1		1	1	1			4	4	1	1	1	1		1					2	19	
high/cold temperature environment		1	10		5		6	7	2	5	4	3	6	10	15	3	2	3	2	2	1	2	2	1	92
other construction machines		4				3	4	1	2	3	1	2	2	2	3	3	3	3			2	4	1	43	
unclassifiable			2		3		7	5	3	1	1	1	2	1		1			4				1	32	
metal material		3	2			3	3	1	1			1			1	2		1		3		1	1	23	
working platform, boot board		1			1		2			2	2					1	3		4	1			1	18	
lumber, bamboo		1			1		1	1				1	2	1		1		1			2	1		1	14
other materials					1		3		2				1	1				1	1	1			1	12	
loader									1			1	2							1			1	6	
rough terrain hauler										1		1											1	3	
circular sawing machine																							1	1	
mixer, grinder																							1	1	
felling machine																							1	1	
water		3	1		1		3	5		4	6	6	2	1	5		1	2	1	3	6	7	3	60	
railway vehicle		4	3				1	1	3	2	2	1	2		2	2	2	1	4	2	1		1	34	

conveyor		1			1			1	1														4
chemical facilities										1						2			1				4
power transmission mechanism										1			1								1		3
foundation work machine												2	1										3
transmission										1		1							1				3
other metal manufacturing machines		1																			1		2
electric power facilities															1		1						2
scaffolding			1																		1		2
demolition machine																		1					1
drill press, milling machine									1														1
food manufacturing machine		1																					1
boiler																			1				1
other welding equipment								1															1
other electrical equipment																1							1
opening															1								1

