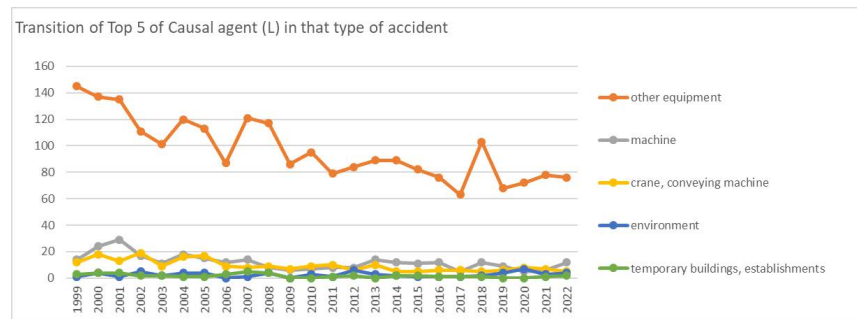
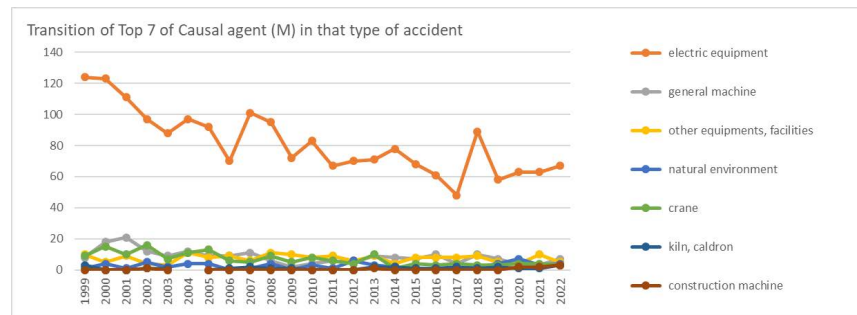


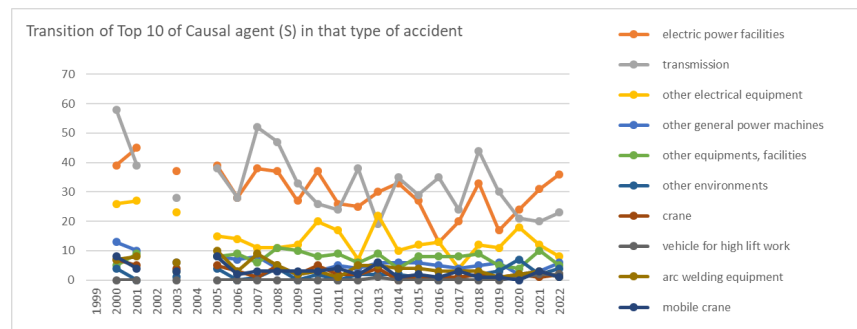
Transition of Causal agent (L, M, S) of fatal & non-fatal accident (electric shock) in 1999-2022



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



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



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

Transition of Causal agent (L) of fatal & non-fatal accident (electric shock) 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
other equipment	145	137	135	111	101	120	113	87	121	117	86	95	79	84	89	89	82	76	63	103	68	72	78	76	2,327
machine	14	24	29	17	11	18	15	12	14	8	6	7	8	8	14	12	11	12	5	12	9	5	6	12	289
crane, conveying machine	12	18	13	19	9	16	17	9	8	9	7	9	10	6	10	5	5	6	6	5	6	8	7	5	225
environment	1	4	1	5	2	4	4		1	4		3	1	6	3	2	1	1	1	2	4	7	3	4	64
temporary buildings, establishments	3	4	4	2	2	1	1	3	5	4			1	2		2	2	1	1	1			1	2	42
substance, material	1	4	2	2	3		1	1		5	2	3	1	1	1	3	2	2	2	1	2		2		41
others	4	2	2	1	2	1		3	1	2	1	1			2	3	2	1	3	1			1		33
load		1							1					1	1					1					5
total	180	194	186	157	130	160	151	115	151	149	102	118	100	108	120	116	105	99	81	126	89	92	98	99	3,026

Transition of Causal agent (M) of fatal & non-fatal accident (electric shock) 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
electric equipment	124	123	111	97	88	97	92	70	101	95	72	83	67	70	71	78	68	61	48	89	58	63	63	67	1,956

general machine	8	18	21	12	9	12	9	9	11	6	2	4	6	5	9	8	7	10	4	10	7	3	3	7	200	
other equipments, facilities	10	5	9	4	3	11	8	9	6	11	10	8	9	6	9	4	8	8	8	9	5	4	10	5	179	
natural environment	1	4	1	5	2	4	4		1	4		3	1	6	3	2	1	1	1	2	4	7	3	4	64	
crane	9	15	10	16	7	11	13	6	5	9	5	8	6	4	10	1	4	3	4	3	3	4	4	3	163	
kiln, caldron	3			1	1			1	2	1	1				2	2	1	1	2	1	2	1	1	3	26	
construction machine				1											1								2	2	3	9
temporary buildings, establishments	3	4	4	2	2	1	1	3	5	4			1	2		2	2	1	1	1			1	2	42	
conveying machine	1	1	2	2	2	3	3	2	2		1	1	1	1		2	1	1	2	1	2	3	3	2	39	
welding equipment	4	7	12	8	6	7	10	4	9	5	2	4	2	5	5	4	5	5	4	3	1	2	4	1	119	
metal manufacturing machine	4	4	7	3	2	5	3	2	2	2	2	2	2	3	1	3	4		1	2	1		1	1	57	
engine		1	1				3		1		2	1			2						1			1	13	
tools	4		2	1	3	5	2	3	1	2			1	1				1			1	1			28	
other causal	4	2	1	1	2	1		2		2	1	1			2	2	1	1	1	1			1		26	

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
electric power facilities		39	45		37		39	28	38	37	27	37	26	25	30	33	27	13	20	33	17	24	31	36	642
transmission		58	39		28		38	28	52	47	33	26	24	38	19	35	29	35	24	44	30	21	20	23	691
other electrical equipment		26	27		23		15	14	11	11	12	20	17	7	22	10	12	13	4	12	11	18	12	8	305
other general power machines		13	10		6		8	7	8	4	2	3	5	4	6	6	6	5	4	5	6	2	3	6	119
other equipments, facilities		5	9		3		8	9	6	11	10	8	9	6	9	4	8	8	8	9	5	4	10	5	154
other environments		4			1		4		1	4		2		2	2	2	1		1	2	3	7	2	4	42
crane		7	5		4		5	3	1	5	2	5	2	2	4		1	1	1	2	1	2	1	2	56
vehicle for high lift work															1							1	2	2	6
arc welding equipment		7	8		6		10	3	9	5	2	3	1	5	5	4	4	3	3	3	1	2	3	1	88
mobile crane		8	4		3		8	2	3	3	3	3	4	2	6	1	2	1	3	1	1		3	1	62
food manufacturing machine		3	3		2		1		1	1		1	1		2			4		4		1		1	25
other temporary buildings, establishments		1			1			2	2	3			1			1	1		1	1			1	1	16

rough terrain hauler																								
other pressure vessels																								
human power cranes																								
human power machine																								
timbering																								
opening																								
explosive substance																								
harmful substance																								
radiation																								
natural ground, rock																								

Data Source : <https://anzeninfo.mhlw.go.jp/user/anzen/tok/anst00.html>

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