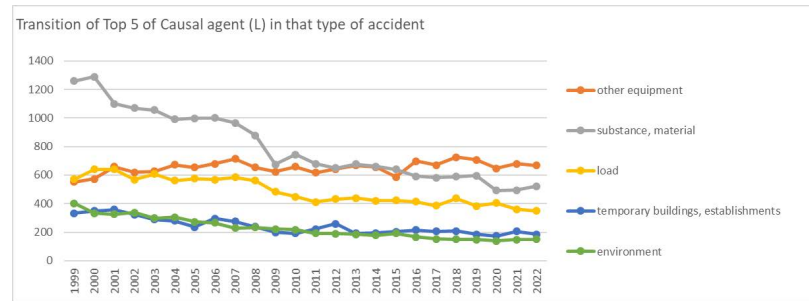
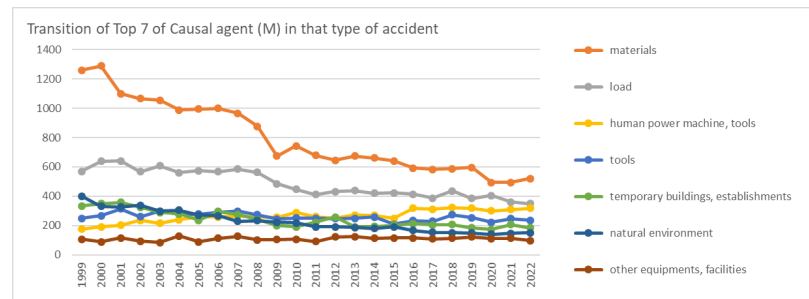


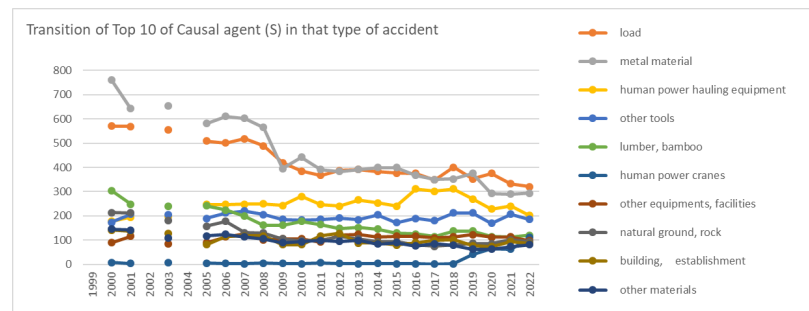
Transition of Causal agent (L, M, S) of fatal & non-fatal accident (collapse) in 1999-2022



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



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



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

Transition of Causal agent (L) of fatal & non-fatal accident (collapse) 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	553	573	659	620	626	673	654	680	713	654	623	658	618	642	668	657	588	697	670	726	706	646	679	668	15,651
substance, material	1,260	1,288	1,100	1,070	1,056	990	998	1,000	966	877	675	745	679	649	676	661	640	591	583	590	597	493	495	522	19,201
load	570	639	640	568	608	561	575	568	585	562	484	448	412	432	438	420	423	413	387	437	384	405	360	349	11,668
temporary buildings, establishments	333	350	359	324	289	280	236	296	276	239	199	192	222	258	192	194	203	214	205	207	184	174	206	184	5,816
environment	401	332	327	338	299	305	272	267	229	234	222	217	191	190	186	179	192	166	153	151	148	139	147	150	5,435
crane, conveying machine	174	192	190	173	205	207	202	234	204	230	165	146	160	159	168	161	153	112	146	139	165	154	129	127	4,095
machine	80	70	74	63	67	68	43	62	63	55	50	50	55	47	55	44	47	55	48	56	40	40	45	39	1,316
others	24	34	29	24	22	23	19	13	6	8	11	8	19	11	8	18	13	13	20	6	12	6	4	10	361
total	3,395	3,478	3,378	3,180	3,172	3,107	2,999	3,120	3,042	2,859	2,429	2,464	2,356	2,388	2,391	2,334	2,259	2,261	2,212	2,312	2,236	2,057	2,065	2,049	63,543

Transition of Causal agent (M) of fatal & non-fatal accident (collapse) 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
materials	1,260	1,288	1,100	1,067	1,056	989	996	999	966	877	674	744	678	646	675	661	640	591	583	587	596	493	493	521	19,180
load	570	639	640	568	608	561	575	568	585	562	484	448	412	432	438	420	423	413	387	437	384	405	360	349	11,668

human power machine, tools	175	192	202	236	215	239	260	258	264	261	255	290	261	251	272	269	248	319	311	323	317	300	308	319	6,345
tools	250	267	314	260	299	277	279	290	298	273	245	251	248	246	249	259	208	234	230	274	254	223	247	236	6,211
temporary buildings, establishments	333	350	359	324	289	280	236	296	276	239	199	192	222	258	192	194	203	214	205	207	184	174	206	184	5,816
natural environment	401	332	327	338	299	305	272	267	229	234	222	217	191	190	186	179	192	166	153	151	148	139	147	150	5,435
other equipments, facilities	107	89	116	94	84	128	89	114	127	101	105	106	92	121	124	114	116	116	109	113	123	112	113	97	2,610
conveying machine	77	96	104	86	106	110	99	94	87	105	73	72	79	81	88	76	64	50	72	64	81	83	70	68	1,985
crane	79	88	70	64	78	76	64	95	80	81	52	40	62	51	54	66	62	40	46	55	58	47	43	47	1,498
general machine	28	22	30	19	23	26	20	20	19	18	23	17	19	19	25	22	15	29	20	22	20	15	15	16	502
construction machine	39	30	33	36	29	30	19	28	26	24	17	22	21	17	21	17	27	19	21	22	15	15	18	14	560
pressure vessel	9	15	21	12	19	15	11	5	10	12	6	8	12	15	15	7	10	17	8	7	6	9	9	13	271
vehicle	18	8	16	23	21	21	39	45	37	44	40	34	19	27	26	19	27	22	28	20	26	24	16	12	612
other causal agents	23	33	28	22	22	23	17	12	5	7	11	7	18	11	7	16	9	10	19	5	9	6	1	8	329
metal manufacturing machine	9	15	7	4	9	7	3	10	13	8	6	7	9	5	5	2	5	2	6	6	1	4	5	4	152
woodworking machine	4	3	3	4	5	5		2	4	5	3	3	4	6	3	3		2	1	3	2	2	6	3	76
electric equipment	6	8	2	5	4	8	8	8	3	4	9	2	3	7	3	4	4	4	7	5	3		1	2	110
mobile silviculture machine																		2		2	2	2	1	2	11
welding equipment	4		1	2	2	2	6	3	4	2	3			2	2	1		1	1	2	2	1		1	42
no causal agent			1	1			2	1		1		1			1	2	2	3	1		3		3	1	23

skyline yarding machine																									
simple skyline yarding equipment																									
straddle carrier																									
inflammable gas																									
radiation																									

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

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