

Fatal & non-fatal accidents in Osaka Prefecture in 1988-2020

Fatal & non-fatal accidents in each small industry in Osaka Prefecture in 1999-2020

year	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
010101 meat/dairy products	28	26	27		44		25	26	35	47	38	33	37	26	17	29	37	29	35	42	38	35
010102 fishery products	23	13	19		16		17	15	18	24	21	13	27	16	28	21	36	23	24	20	17	18
010103 agricultural food products	14	11	14		15		11	9	9	14	11	11	13	6	8	3	7	5	3	5	4	2
010104 bread/cake products	58	79	75		72		57	63	63	87	72	81	65	62	45	45	68	69	68	61	71	66
010105 alcoholic drinks	4	1	2		3		2	3	2	1	3	1	3	1	1	1	2	0	2	4	2	0
010106 soft drinks	6	4	5		1		5	5	4	6	4	3	3	2	2	4	1	1	0	2	0	1
010109 other foods	263	274	278		246		288	239	275	269	236	259	238	262	236	207	227	220	240	210	217	202
0101 food products	396	408	420		397		405	360	406	448	385	401	386	375	337	310	378	347	372	344	349	324
010201 silk-reeling	0	0	0		1		0	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0
010202 cotton-spinning	21	27	27		18		13	17	17	9	9	10	6	10	10	4	5	7	7	4	10	4
010203 weaving	16	21	17		11		9	14	5	10	8	10	10	8	8	10	5	7	13	11	12	3
010204 dyeing	20	25	26		18		10	11	10	11	14	5	7	11	6	5	4	12	6	2	6	2
010209 other textile products	50	51	43		58		27	38	33	25	25	24	22	16	17	28	14	17	12	21	15	15
0102 textile products	107	124	113		106		59	80	66	55	56	49	46	46	41	47	28	43	38	38	43	24
010301 over/under wear	12	8	5		3		5	7	8	6	0	4	2	3	4	1	2	2	1	2	2	2
010309 other fiber products	21	40	27		15		16	19	29	16	11	14	19	19	13	17	19	18	16	11	14	8
0103 fiber products	33	48	32		18		21	26	37	22	11	18	21	22	17	18	21	20	17	13	16	10
010401 lumbering	12	20	23		15		14	12	10	9	4	12	2	12	8	15	15	2	4	7	6	5
010402 plywood	10	10	9		12		11	10	11	15	8	9	9	8	14	7	9	9	13	10	5	9
010409 other lumber and wood products	102	121	116		76		69	59	70	58	42	43	48	37	38	23	38	31	31	27	35	23
0104 wood products	124	151	148		103		94	81	91	82	54	64	59	57	60	45	62	42	48	44	46	37
010501 wood furniture	26	23	25		28		23	32	20	23	13	24	23	12	22	19	18	21	7	9	10	5
010502 metal furniture	14	9	4		9		7	6	2	3	0	0	5	1	4	3	0	0	0	2	1	1
010503 fittings	17	10	6		8		11	2	3	6	2	7	1	6	8	3	2	2	6	2	4	3
010509 other furniture	18	17	11		19		13	4	4	7	7	7	3	7	4	2	4	5	1	3	8	11
0105 furniture	75	59	46		64		54	44	29	39	22	38	32	26	38	27	24	28	14	16	23	20
010601 pulp/paper	8	6	9		5		10	10	3	13	4	3	6	8	6	10	3	4	8	5	6	10
010602 paper processing products	87	74	94		73		59	57	74	58	47	46	59	53	49	36	35	40	41	41	30	30
010609 other pulp/paper processing products	22	31	38		22		34	16	20	13	20	14	11	12	10	15	24	14	10	15	9	9
0106 pulp/paper processing products	117	111	141		100		103	83	97	84	71	63	76	73	65	61	62	58	59	61	45	49
010701 printing service	109	106	108		91		75	81	73	76	67	72	53	52	41	45	31	35	50	45	42	45
010702 bookbinding	16	9	14		9		7	18	8	8	7	6	8	2	9	8	4	3	12	9	5	6

010709 other printing and bookbinding	21	13	19		8		10	10	7	9	6	4	3	3	9	5	8	3	7	5	12	7
0107 printing/bookbinding	146	128	141		108		92	109	88	93	80	82	64	57	59	58	43	41	69	59	59	58
010801 non organic or organic chemical products	40	29	42		28		33	33	31	21	26	27	24	13	16	34	12	25	22	28	15	20
010802 chemical fiber	4	4	1		3		3	1	2	1	0	0	3	3	1	2	3	1	4	3	1	1
010803 pharmaceuticals	24	22	19		24		14	13	19	13	11	15	15	18	22	12	9	5	9	7	12	5
010804 petroleum/coal products	12	17	8		8		12	4	8	5	4	9	11	6	6	4	3	6	4	6	3	3
010805 plastics products	124	116	115		105		96	117	93	90	78	52	82	76	72	77	77	72	85	89	79	57
010806 rubber products	36	29	22		29		24	35	21	31	23	31	18	25	13	17	10	13	11	21	13	15
010807 leather products	6	8	7		1		4	7	2	4	4	2	1	4	3	1	4	1	3	5	1	2
010808 painting products	10	9	10		13		2	7	7	3	8	8	3	5	2	4	7	5	6	6	7	8
010809 chemical fertilizer products	4	1	4		3		2	5	8	4	4	3	1	0	4	4	2	3	3	4	2	2
010899 other chemical products	66	70	56		38		43	57	48	34	46	43	21	33	30	33	30	33	28	31	24	42
0108 chemical products	326	305	284		252		233	279	239	206	204	190	179	183	169	188	157	164	175	200	157	155
010901 cement products	26	28	48		26		23	30	32	17	18	14	15	11	16	14	8	18	8	13	8	14
010902 glass products	19	25	12		19		9	7	8	12	14	9	15	10	3	3	6	4	12	2	4	6
010903 pottery products	5	4	0		2		0	0	0	2	1	1	0	4	1	0	0	1	2	0	0	1
010904 fire resisting products	3	0	1		1		0	7	0	1	1	0	2	1	1	3	1	0	1	0	0	0
010905 other ceramic products	1	5	1		3		1	4	1	1	0	0	1	1	1	1	3	0	2	0	0	0
010909 other sand and stone products	25	20	22		22		15	12	10	7	3	7	11	13	7	13	12	7	15	7	7	5
0109 sand and stone products	79	82	84		73		48	60	51	40	37	31	44	40	29	34	30	30	40	22	19	26
011001 steel/iron/rolling products	37	44	61		46		30	31	44	38	18	31	20	36	37	36	23	32	21	34	22	34
011002 casting products	51	36	34		33		27	31	26	21	17	10	17	17	12	14	17	24	16	15	20	12
011009 other steel products	25	34	30		36		29	24	29	31	14	20	23	26	20	20	19	15	17	19	18	17
0110 steel making	113	114	125		115		86	86	99	90	49	61	60	79	69	70	59	71	54	68	60	63
011101 nonferrous metals/rolling products	21	14	7		9		10	13	13	16	10	10	9	10	8	12	11	4	10	13	9	11
011102 nonferrous metals casting products	19	20	19		6		17	24	18	14	12	12	13	10	15	5	6	13	12	15	11	5
011109 other nonferrous metal products	25	16	26		25		18	19	20	28	13	13	20	21	11	11	24	16	12	19	8	10
0111 nonferrous metal making	65	50	52		40		45	56	51	58	35	35	42	41	34	28	41	33	34	47	28	26
011201 western tableware/cutting tool products	4	10	17		6		7	9	3	5	3	9	3	4	8	3	3	2	6	4	3	5
011202 screw products	36	31	27		23		31	29	35	24	20	21	25	23	16	20	20	20	20	20	26	11
011203 metal press products	145	153	139		83		126	125	100	97	68	74	59	87	67	86	67	62	59	42	57	50
011204 metal plating products	78	60	50		53		59	45	44	51	44	22	32	21	23	32	23	25	28	28	38	25
011209 other metal products	929	1,004	934		817		748	777	761	598	556	549	506	467	445	433	386	421	392	426	388	326
0112 metal products	1,192	1,258	1,167		982		971	985	943	775	691	675	625	602	559	574	499	530	505	520	512	417
011301 machine products	286	247	241		256		225	249	206	209	139	179	173	170	169	181	143	141	135	144	132	100
011302 measuring instruments	3	6	2		3		5	10	4	5	5	3	7	4	5	2	6	4	2	4	5	1
011303 optical instruments	1	2	3		3		1	1	2	7	0	5	1	3	1	0	3	1	1	0	0	1

02 mining	5	4	7		2		3	0	4	4	1	3	3	3	1	0	6	3	6	3	2	3
030101 hydroelectric plant construction work	0	0	0		0		0	2	1	0	0	2	1	0	0	0	2	0	0	0	1	0
030102 tunnel construction work	5	1	2		2		2	3	3	4	7	1	3	3	1	2	1	2	4	2	3	0
030103 subway construction work	0	0	0		1		4	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
030104 railway construction work	6	5	7		7		15	5	6	3	7	0	4	6	2	7	5	3	3	4	2	3
030105 bridge construction work	8	8	2		8		0	3	4	13	5	4	8	2	2	5	3	4	3	3	1	4
030106 road construction work	38	26	50		35		19	14	25	30	13	10	13	14	16	21	14	15	14	16	10	14
030107 river civil engineering work	4	5	10		7		4	3	11	6	3	0	1	1	2	2	3	1	1	4	2	2
030108 sand collapse prevention civil engineering work	2	0	0		0		1	0	1	0	1	0	0	0	1	0	0	0	1	1	0	0
030109 land consolidation civil engineering work	13	14	14		18		8	15	23	27	23	14	7	7	8	9	5	8	11	4	6	8
030110 water supply/sewage construction work	64	56	40		41		32	28	24	24	23	23	9	13	12	9	15	14	12	10	11	6
030111 port/seaside construction work	2	0	1		1		1	0	0	2	2	0	1	0	0	0	3	0	1	0	1	1
030199 other civil engineering work	121	134	128		98		99	95	90	87	72	70	70	68	65	75	63	39	35	63	42	57
0301 civil engineering work	263	249	254		218		185	168	190	196	156	124	117	114	109	130	114	86	85	107	79	97
030201 steel frame/reinforced concrete house construction work	364	352	362		300		250	311	276	308	171	131	192	203	211	228	155	159	164	187	163	114
030202 wooden house construction work	266	198	184		189		109	91	94	88	97	77	67	99	80	61	26	55	50	40	54	38
030203 building facility construction work	91	103	111		54		28	46	32	29	38	43	38	26	27	15	24	24	16	22	16	17
030209 other building construction work	368	486	531		423		423	437	395	289	257	241	240	269	186	193	220	183	180	221	260	205
0302 construction work	1,089	1,139	1,188		966		810	885	797	714	563	492	537	597	504	497	425	421	410	470	493	374
030301 electricity/telecommunication work	73	48	54		56		44	39	47	42	46	49	33	28	29	20	29	27	29	32	24	32
030302 machinery/apparatus setting work	64	62	61		43		42	34	48	54	55	46	47	32	32	29	28	18	18	39	29	17
030309 other construction works	223	234	180		140		174	147	123	187	125	160	140	106	142	160	126	129	118	137	174	157
0303 other construction works	360	344	295		239		260	220	218	283	226	255	220	166	203	209	183	174	165	208	227	206
03 construction	1,712	1,732	1,737		1,423		1,255	1,273	1,205	1,193	945	871	874	877	816	836	722	681	660	785	799	677
040101 railroad service	28	36	28		33		27	32	31	37	40	30	26	33	33	23	27	28	31	39	33	28
040102 water transportation service	2	1	2		0		2	2	3	1	0	4	3	0	2	0	1	4	2	0	4	3
040103 airline service	13	24	19		18		14	26	56	24	16	12	11	11	6	11	10	13	18	15	21	6
0401 railroad/water transportation/airline service	43	61	49		51		43	60	90	62	56	46	40	44	41	34	38	45	51	54	58	37
040201 taxi service	137	155	118		116		112	118	101	116	126	129	125	114	145	132	139	137	112	145	115	110
040202 bus service	62	51	56		70		77	72	64	71	73	62	82	57	60	73	60	62	59	81	64	46
040209 other passenger transport service	4	6	5		9		6	5	2	6	3	3	4	4	9	5	6	2	2	6	6	6
0402 road passenger transport service	203	212	179		195		195	195	167	193	202	194	211	175	214	210	205	201	173	232	185	162
040301 general truck transportation service	1,271	1,231	1,376		1,251		1,111	1,189	1,202	1,166	1,014	1,072	1,043	1,034	1,006	954	1,017	962	1,020	1,156	1,121	1,123
040302 specific truck transportation service	141	108	84		99		79	58	28	17	17	25	23	39	41	46	32	27	31	34	29	29
040303 cargo/ light automobile transportation service	7	6	9		4		3	4	8	13	2	10	2	1	3	3	9	4	4	4	2	3
040309 other land cargo transportation service	45	38	29		25		80	99	52	70	20	29	16	32	18	28	23	25	26	22	25	23
0403 road cargo transportation service	1,464	1,383	1,498		1,379		1,273	1,350	1,290	1,266	1,053	1,136	1,084	1,106	1,068	1,031	1,081	1,018	1,081	1,216	1,177	1,178

040409 other transportation service	17	11	9		19	7	13	5	4	7	5	2	5	4	8	5	8	5	3	12	4
0404 other transportation service	17	11	9		19	7	13	5	4	7	5	2	5	4	8	5	8	5	3	12	4
04 transportation service	1,727	1,667	1,735		1,644	1,518	1,618	1,552	1,525	1,318	1,381	1,337	1,330	1,327	1,283	1,329	1,272	1,310	1,505	1,432	1,381
050101 land cargo handling service	143	134	158		137	165	151	126	138	119	118	110	117	101	110	129	136	161	174	165	186
0501 land cargo handling service	143	134	158		137	165	151	126	138	119	118	110	117	101	110	129	136	161	174	165	186
050201 general harbor transportation service	27	26	18		35	19	19	18	19	14	15	13	11	15	11	5	5	2	8	5	4
050202 port cargo handling service	84	94	81		92	71	55	45	54	42	37	38	40	40	35	30	31	31	21	21	24
050209 other harbor transportation service	7	5	3		3	6	4	9	10	5	2	4	4	1	3	2	7	7	4	2	8
0502 port cargo transportation service	118	125	102		130	96	78	72	83	61	54	55	55	56	49	37	43	40	33	28	36
05 cargo handling service	261	259	260		267	261	229	198	221	180	172	165	172	157	159	166	179	201	207	193	222
060101 agriculture	12	21	20		18	19	17	16	23	24	25	16	41	18	18	16	31	37	25	25	23
0601 agriculture	12	21	20		18	19	17	16	23	24	25	16	41	18	18	16	31	37	25	25	23
060201 lumbering	11	2	3		2	3	4	3	8	3	2	3	1	5	4	3	4	3	0	1	0
060209 other forestry	10	6	14		31	7	4	9	4	11	5	10	2	3	2	2	2	1	3	3	2
0602 forestry	21	8	17		33	10	8	12	12	14	7	13	3	8	6	5	6	4	3	4	2
06 agriculture	33	29	37		51	29	25	28	35	38	32	29	44	26	24	21	37	41	28	29	25
070101 livestock	0	1	0		2	3	1	1	0	2	4	1	3	0	1	1	1	0	0	0	0
0701 livestock	0	1	0		2	3	1	1	0	2	4	1	3	0	1	1	1	0	0	0	0
070201 fishery	1	14	11		8	13	10	8	13	9	7	6	7	3	7	5	4	7	6	5	1
070209 other fishery	1	3	0		2	0	0	0	0	1	0	0	1	1	0	4	0	1	1	1	1
0702 fishery	2	17	11		10	13	10	8	13	10	7	6	8	4	7	9	4	8	7	6	2
07 livestock/fishery	2	18	11		12	16	11	9	13	12	11	7	11	4	8	10	5	8	7	6	2
080101 all kinds of wholesale	96	40	16		27	17	22	28	6	23	16	4	7	13	8	5	6	7	14	5	14
080102 furniture/fittings wholesale	3	1	9		7	4	2	4	1	2	2	0	2	0	0	1	4	3	2	6	3
080109 other wholesale	206	195	240		283	215	242	246	235	233	228	206	239	200	209	209	251	250	265	252	250
0801 wholesale	305	236	265		317	236	266	278	242	258	246	210	248	213	217	215	261	260	281	263	267
080201 all kinds of retail	243	263	290		283	238	256	273	243	224	194	208	198	188	164	165	162	171	212	181	162
080202 auto mobile retail	11	10	7		8	17	12	20	16	13	10	13	9	13	9	19	19	13	17	7	10
080203 furniture/fittings retail	16	2	7		13	11	9	7	16	16	11	9	3	13	3	12	10	15	20	17	19
080204 fuel retail	30	18	32		19	23	15	24	20	8	17	8	11	7	17	10	13	10	20	12	12
080205 newspaper retail	171	167	147		162	148	165	132	162	154	149	132	126	132	134	107	106	142	145	132	94
080209 other retails	179	273	295		324	426	409	387	397	322	363	438	461	500	555	505	481	491	557	612	625
0802 retail	650	733	778		809	863	866	843	854	737	744	808	808	853	882	818	791	842	971	961	922
080301 haircut	1	3	1		3	1	3	1	0	1	2	3	2	2	0	1	3	0	4	2	1
080302 beauty salon	4	6	7		8	6	11	7	5	9	6	4	3	6	9	9	11	9	8	16	5
0803 haircut/beauty salon	5	9	8		11	7	14	8	5	10	8	7	5	8	9	10	14	9	12	18	6

080401 warehousing	37	36	50		48		42	60	60	57	58	29	35	71	67	58	52	52	77	69	71	80
080409 other commerce	109	86	99		106		97	95	90	110	99	103	77	71	70	76	72	80	80	93	105	105
0804 other commerce	146	122	149		154		139	155	150	167	157	132	112	142	137	134	124	132	157	162	176	185
08 commerce	1,106	1,100	1,200		1,291		1,245	1,301	1,279	1,268	1,162	1,130	1,137	1,203	1,211	1,242	1,167	1,198	1,268	1,426	1,418	1,380
090101 banking/trust business	22	11	14		22		20	19	21	15	22	16	20	21	12	8	18	8	19	21	16	26
090102 stock/commodity trade business	1	2	1		3		1	1	1	1	0	0	1	1	1	0	2	1	0	0	0	1
090103 insurance business	116	153	144		132		106	130	102	96	114	87	95	92	83	91	90	81	93	88	88	48
090109 other financial business	7	3	2		3		7	3	5	1	3	3	2	4	2	3	2	1	3	3	5	5
0901 financial business	146	169	161		160		134	153	129	113	139	106	118	118	98	102	112	91	115	112	109	80
090201 traveling service	4	3	5		4		5	2	1	4	8	2	4	3	1	5	6	5	5	4	8	5
090209 other advertisement and mediator	13	12	5		13		13	7	16	19	8	15	14	15	17	14	16	24	13	10	15	9
0902 advertisement and mediator	17	15	10		17		18	9	17	23	16	17	18	18	18	19	22	29	18	14	23	14
09 financial business/advertisement	163	184	171		177		152	162	146	136	155	123	136	136	116	121	134	120	133	126	132	94
100101 movie production and delivery service	3	0	1		3		0	0	0	2	0	0	1	1	1	0	2	0	0	0	0	4
100102 movie theatre	0	0	0		0		1	0	0	0	0	0	0	0	1	0	0	0	0	1	2	0
100109 other movie/play service	2	0	1		2		4	5	3	10	4	2	1	6	2	4	3	1	4	3	2	2
1001 movie/play service	5	0	2		5		5	5	3	12	4	2	2	7	4	4	5	1	4	4	4	6
10 movie/play service	5	0	2		5		5	5	3	12	4	2	2	7	4	4	5	1	4	4	4	6
110101 telecommunication service	10	14	9		11		222	232	167	177	174	112	155	124	105	108	85	142	138	119	107	140
1101 telecommunication service	10	14	9		11		222	232	167	177	174	112	155	124	105	108	85	142	138	119	107	140
11 telecommunication service	10	14	9		11		222	232	167	177	174	112	155	124	105	108	85	142	138	119	107	140
120101 auto mobile practical training	4	3	7		3		3	2	8	1	0	3	1	1	4	7	2	3	4	5	4	6
120102 software service	2	1	3		4		1	3	0	7	2	4	1	0	1	0	2	5	2	2	5	2
120109 other education/research service	56	71	43		54		66	52	62	71	56	67	38	46	43	51	67	74	68	71	75	76
1201 education/research service	62	75	53		61		70	57	70	79	58	74	40	47	48	58	71	82	74	78	84	84
12 education/research service	62	75	53		61		70	57	70	79	58	74	40	47	48	58	71	82	74	78	84	84
130101 hospital	158	153	193		197		186	167	183	201	167	228	207	199	164	169	183	191	199	205	166	436
130102 general clinic	5	7	2		9		9	18	22	10	14	15	15	18	16	16	15	22	14	24	30	29
130109 other medical treatment service	5	16	17		24		19	38	23	46	48	35	27	39	54	35	49	47	41	55	50	41
1301 medical treatment service	168	176	212		230		214	223	228	257	229	278	249	256	234	220	247	260	254	284	246	506
130201 social welfare facility	100	130	174		238		294	316	326	398	363	435	424	471	504	484	528	600	671	682	749	948
1302 social welfare facility	100	130	174		238		294	316	326	398	363	435	424	471	504	484	528	600	671	682	749	948
130301 bathhouse	6	3	3		3		8	8	8	6	7	7	3	6	3	3	1	4	5	3	6	2
130309 other health and hygiene service	3	4	11		12		14	19	12	10	5	12	13	28	21	24	15	16	14	17	15	14
1303 other health and hygiene service	9	7	14		15		22	27	20	16	12	19	16	34	24	27	16	20	19	20	21	16
13 health and hygiene service	277	313	400		483		530	566	574	671	604	732	689	761	762	731	791	880	944	986	1,016	1,470
140101 hotel	32	38	46		48		48	47	51	62	40	54	56	30	49	51	49	58	61	61	60	34

1401 hotel	32	38	46		48		48	47	51	62	40	54	56	30	49	51	49	58	61	61	60	34
140201 general restaurant	236	235	270		289		288	291	312	311	329	305	335	333	340	359	368	422	388	456	422	388
140209 other restaurants	31	20	38		22		36	30	42	27	28	27	6	30	25	31	37	25	26	32	32	31
1402 restaurant	267	255	308		311		324	321	354	338	357	332	341	363	365	390	405	447	414	488	454	419
140301 golf course	51	53	67		53		45	47	52	45	39	32	32	36	28	28	29	28	27	30	26	30
140302 park and amusement park	7	7	13		15		17	13	11	10	13	4	17	21	15	14	15	24	21	22	23	19
140309 other amusement service	36	56	68		64		54	52	33	67	63	54	46	56	48	55	54	61	49	57	64	34
1403 other amusement service	94	116	148		132		116	112	96	122	115	90	95	113	91	97	98	113	97	109	113	83
14 amusement service	393	409	502		491		488	480	501	522	512	476	492	506	505	538	552	618	572	658	627	536
150101 building maintenance service	282	257	294		299		310	301	289	318	319	301	299	240	262	299	267	278	250	299	277	244
150102 industrial waste management service	55	40	53		45		59	34	45	49	64	39	43	30	44	48	41	60	60	63	87	52
150103 other waste disposal service	200	154	88		245		198	214	163	162	134	160	148	163	119	115	67	116	78	76	56	82
150104 cremation service	1	0	0		0		1	0	0	2	1	0	0	0	0	0	0	0	0	1	0	0
150105 livestock process service	0	0	0		0		1	1	1	0	0	0	0	1	0	1	1	0	1	0	0	0
150109 other cleaning and livestock process service	212	274	254		102		75	47	50	38	51	26	48	36	42	36	40	33	40	50	43	52
1501 commercial cleaning	750	725	689		691		644	597	548	569	569	526	538	470	467	499	416	487	429	489	463	430
15 commercial cleaning	750	725	689		691		644	597	548	569	569	526	538	470	467	499	416	487	429	489	463	430
160101 public office	1	4	2		7		1	4	6	4	3	9	12	2	1	2	3	4	7	7	8	7
1601 public office	1	4	2		7		1	4	6	4	3	9	12	2	1	2	3	4	7	7	8	7
16 public office	1	4	2		7		1	4	6	4	3	9	12	2	1	2	3	4	7	7	8	7
170101 dispatch service	11	9	11		22		15	17	24	35	10	12	16	24	12	14	29	30	34	29	27	24
1701 dispatch service	11	9	11		22		15	17	24	35	10	12	16	24	12	14	29	30	34	29	27	24
170201 security service	114	138	144		120		153	131	132	171	133	141	110	119	118	112	149	121	119	131	146	155
170202 information processing service	9	4	3		2		3	4	4	2	5	3	8	5	8	5	6	10	5	7	14	13
170209 others	405	494	483		539		586	518	494	452	478	443	468	447	426	479	522	457	538	492	520	486
1702 others	528	636	630		661		742	653	630	625	616	587	586	571	552	596	677	588	662	630	680	654
17 others	539	645	641		683		757	670	654	660	626	599	602	595	564	610	706	618	696	659	707	678
total	10,628	10,823	10,972		10,368		10,030	10,215	9,772	9,677	8,529	8,459	8,350	8,364	8,014	8,138	8,041	8,125	8,345	8,972	8,806	8,726

Fatal & non-fatal accidents in each main industry in Osaka Prefecture in 1988-2020

year	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	Industry	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
all industry sectors	20,542	20,000	19,034	18,061	16,353	15,687	14,897	14,746	14,440	13,262	12,658	all industry sectors	10,628	10,823	10,972		10,368		10,030	10,215	9,772	9,677	8,529	8,459	8,350	8,364	8,014	8,138	8,041	8,125	8,345	8,972	8,806	8,726
01 manufacturing	7,534	7,230	6,867	6,365	5,626	5,221	4,787	4,630	4,523	4,388	4,018	01 manufacturing	3,582	3,645	3,516		3,069		2,834	2,985	2,828	2,588	2,168	2,206	2,132	2,076	1,900	1,915	1,857	1,798	1,854	1,885	1,779	1,591
02 mining	10	8	10	4	8	7	9	6	8	10	6	02 mining	5	4	7		2		3	0	4	4	1	3	3	3	1	0	6	3	6	3	2	3
03 construction	4,702	4,632	4,305	4,017	3,482	3,393	3,421	3,456	3,187	2,660	2,486	03 construction	1,712	1,732	1,737		1,423		1,255	1,273	1,205	1,193	945	871	874	877	816	836	722	681	660	785	799	677
0401 0402 0404	380	318	339	290	248	286	241	233	196	209	193	0401 0402 0404	263	284	237		265		245	268	262	259	265	245	253	224	259	252	248	254	229	289	255	203

communication/transportation											communication/transportation																							
0403 0501 land cargo transportation	2,168	2,180	2,081	1,989	1,831	1,776	1,654	1,735	1,707	1,908	1,696	0403 0501 land cargo transportation	1,607	1,517	1,656		1,516		1,438	1,501	1,416	1,404	1,172	1,254	1,194	1,223	1,169	1,141	1,210	1,154	1,242	1,390	1,342	1,364
0502 port cargo transportation	308	283	243	238	208	205	172	167	146	143	96	0502 port cargo transportation	118	125	102		130		96	78	72	83	61	54	55	55	56	49	37	43	40	33	28	36
0602 forestry	19	16	13	18	15	17	17	15	15	10	10	0602 forestry	21	8	17		33		10	8	12	12	14	7	13	3	8	6	5	6	4	3	4	2
others	5,421	5,333	5,176	5,140	4,935	4,782	4,596	4,504	4,658	3,934	4,153	0601 agriculture	12	21	20		18		19	17	16	23	24	25	16	41	18	18	16	31	37	25	25	23
												07 livestock/fishery	2	18	11		12		16	11	9	13	12	11	7	11	4	8	10	5	8	7	6	2
												08 commerce	1,106	1,100	1,200		1,291		1,245	1,301	1,279	1,268	1,162	1,130	1,137	1,203	1,211	1,242	1,167	1,198	1,268	1,426	1,418	1,380
												09 financial business/advertisement	163	184	171		177		152	162	146	136	155	123	136	136	116	121	134	120	133	126	132	94
												10 movie/play service	5	0	2		5		5	5	3	12	4	2	2	7	4	4	5	1	4	4	4	6
												11 telecommunication service	10	14	9		11		222	232	167	177	174	112	155	124	105	108	85	142	138	119	107	140
												12 education/research service	62	75	53		61		70	57	70	79	58	74	40	47	48	58	71	82	74	78	84	84
												13 health and hygiene service	277	313	400		483		530	566	574	671	604	732	689	761	762	731	791	880	944	986	1,016	1,470
												14 amusement service	393	409	502		491		488	480	501	522	512	476	492	506	505	538	552	618	572	658	627	536
												15 commercial cleaning	750	725	689		691		644	597	548	569	569	526	538	470	467	499	416	487	429	489	463	430
												16 public office	1	4	2		7		1	4	6	4	3	9	12	2	1	2	3	4	7	7	8	7
17 others	539	645	641		683		757	670	654	660	626	599	602	595	564	610	706	618	696	659	707	678												

Industrial accidents mean fatal and non-fatal injuries with work absence of 4 days and more. Data of 2011 year include Industrial accidents caused by Great East Japan Earthquake in 2011.

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Fatal accidents in each small industry in Osaka Prefecture in 1999-2020

year	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
010101 meat/dairy products	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0
010102 fishery products	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0
010103 agricultural food products	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
010104 bread/cake products	1	1	0	1	0	0	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0
010105 alcoholic drinks	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
010106 soft drinks	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
010109 other foods	0	1	1	2	0	0	0	1	0	1	0	0	0	0	0	1	1	0	0	0	0	0
0101 food products	1	2	1	3	0	0	1	2	0	2	1	0	0	1	1	1	1	1	1	0	0	0
010201 silk-reeling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
010202 cotton-spinning	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
010203 weaving	0	1	0	0	0	0	2	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0
010204 dyeing	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0

010904 fire resisting products	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
010905 other ceramic products	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
010909 other sand and stone products	0	1	0	0	0	1	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0
0109 sand and stone products	0	1	0	0	0	1	0	3	0	1	0	1	1	0	0	1	0	1	0	2	0
011001 steel/iron/rolling products	2	0	1	1	3	2	0	2	0	1	0	2	0	1	1	0	1	1	0	1	1
011002 casting products	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	1	0	0	0	0
011009 other steel products	0	0	0	0	1	0	0	0	0	1	0	1	0	1	1	0	1	0	0	0	0
0110 steel making	2	0	1	1	4	2	0	2	0	2	2	3	0	2	2	0	2	2	0	1	1
011101 nonferrous metals/rolling products	0	1	1	0	0	0	0	1	1	0	0	0	0	2	1	0	0	0	0	0	0
011102 nonferrous metals casting products	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
011109 other nonferrous metal products	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0
0111 nonferrous metal making	0	1	1	0	0	0	0	4	1	0	0	0	0	2	2	0	0	0	0	0	0
011201 western tableware/cutting tool products	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
011202 screw products	0	0	0	0	0	0	0	1	1	0	0	0	1	0	0	0	0	0	0	0	0
011203 metal press products	0	0	0	0	1	0	0	1	0	0	0	1	0	1	0	0	0	0	0	0	1
011204 metal plating products	2	0	1	2	0	2	0	1	0	0	1	0	0	0	0	0	0	1	1	0	0
011209 other metal products	3	5	7	6	7	7	7	6	8	3	3	4	5	5	3	3	3	3	2	3	0
0112 metal products	6	5	8	8	8	9	7	9	9	3	4	5	6	6	3	3	3	3	4	0	1
011301 machine products	2	0	0	1	1	2	2	3	2	0	1	1	1	2	3	1	1	0	1	0	1
011302 measuring instruments	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
011303 optical instruments	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
011304 watch products	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
011305 other precision machine products	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0113 machine products	2	0	0	1	1	2	2	3	2	0	1	1	1	2	3	1	1	0	1	0	1
011401 heavy electrical equipment	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
011402 electrical appliance	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
011403 electronics equipment and telecommunications apparatus	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0
011409 other electrical equipment	0	1	1	1	0	0	1	0	0	1	0	0	0	1	0	0	0	0	2	0	0
0114 electrical equipment products	0	2	1	1	1	0	1	0	0	1	1	0	0	1	1	0	0	0	3	0	0
011501 ship building	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2
011502 auto mobile products	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
011503 railway vehicle products	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
011509 other transport equipment products	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
0115 transport equipment products	0	2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	1	0	0	0	2
011601 electric utility service	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
011602 city gas service	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
011603 city water service	0	1	1	0	1	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0

011609 other electric/gas/water service	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0116 electric/gas/water service	0	2	1	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
011701 auto mobile servicing	0	0	0	0	1	2	1	0	0	0	0	0	0	0	1	0	0	1	0	0	1	
011702 machine repair	1	1	0	0	1	0	2	2	0	1	0	0	0	1	0	0	0	1	0	0	0	
011703 cleaning	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	
011704 tobacco products	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
011709 other manufacturing	3	0	3	0	1	0	0	2	1	0	0	0	1	0	0	0	1	1	0	0	0	
0117 other manufacturing	4	1	3	0	3	2	3	4	1	1	0	0	1	0	1	1	1	2	2	0	2	
01 manufacturing	20	22	21	16	21	24	18	31	20	14	14	12	14	14	10	11	11	11	10	6	9	
020101 general coal mining	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
020109 other coal mining	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0201 coal mining	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
020201 quarrying	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	1	0	0	
020202 gravel digging	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	
020209 other quarrying	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0202 quarrying	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	0	1	0	0	
020301 metal mining	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
020302 petroleum mining	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
020309 other mining	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0203 other mining	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
02 mining	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	0	1	0	0	
030101 hydroelectric plant construction work	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
030102 tunnel construction work	1	0	0	0	1	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	
030103 subway construction work	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
030104 railway construction work	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
030105 bridge construction work	0	1	0	1	0	0	0	1	0	0	0	1	0	0	1	0	0	1	0	0	1	
030106 road construction work	2	0	1	3	2	0	2	2	0	1	1	1	0	1	1	0	0	1	2	0	2	
030107 river civil engineering work	0	0	1	0	0	1	1	0	2	1	0	0	0	0	0	0	0	0	0	0	0	
030108 sand collapse prevention civil engineering work	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
030109 land consolidation civil engineering work	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	1	
030110 water supply/sewage construction work	1	0	3	1	0	1	1	1	2	4	0	1	0	0	1	0	0	1	0	0	1	
030111 port/seaside construction work	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
030199 other civil engineering work	3	3	2	0	3	2	2	5	3	2	1	0	1	0	1	1	1	1	1	1	0	
0301 civil engineering work	7	9	7	5	6	4	8	9	7	8	3	3	2	1	2	2	1	1	6	3	5	
030201 steel frame/reinforced concrete house construction work	5	6	12	6	6	8	6	12	5	2	2	4	4	1	5	6	2	4	2	5	1	
030202 wooden house construction work	1	3	2	4	2	0	0	0	2	0	1	0	0	1	1	0	3	0	2	0	5	

030203 building facility construction work	2	2	1	1	0	2	0	0	0	0	0	1	0	1	0	0	0	0	1	1	1	
030209 other building construction work	1	4	2	5	8	4	11	12	10	12	3	6	6	3	10	3	4	4	4	10	6	0
0302 construction work	9	15	17	16	16	14	17	24	17	14	6	11	10	6	16	9	9	8	8	16	13	5
030301 electricity/telecommunication work	0	0	3	2	2	0	3	1	3	3	4	2	2	0	2	0	0	0	1	0	2	
030302 machinery/apparatus setting work	3	1	2	0	1	0	1	1	1	0	3	0	0	3	0	0	0	0	1	1	0	0
030309 other construction works	3	6	4	3	5	3	2	2	7	3	4	2	6	6	1	3	3	2	5	4	6	0
0303 other construction works	6	7	9	5	8	3	6	4	11	6	11	4	8	9	3	3	3	2	6	6	6	2
03 construction	22	31	33	26	30	21	31	37	35	28	20	18	20	16	21	14	13	11	20	25	20	12
040101 railroad service	0	0	0	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
040102 water transportation service	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
040103 airline service	1	0	1	1	0	0	0	0	3	0	0	1	0	0	0	0	0	1	0	0	0	0
0401 railroad/water transportation/airline service	1	0	1	1	1	0	2	0	3	0	0	1	0	0	0	0	0	1	0	0	0	0
040201 taxi service	1	4	1	0	1	2	3	0	1	0	2	0	1	0	2	1	1	1	0	1	1	0
040202 bus service	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0	0	0	0	0
040209 other passenger transport service	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0402 road passenger transport service	1	4	1	0	1	2	3	0	1	0	2	0	1	0	2	2	1	3	0	1	1	0
040301 general truck transportation service	20	18	15	18	9	14	13	12	14	7	10	9	5	8	8	9	7	8	11	6	10	7
040302 specific truck transportation service	1	1	2	1	2	4	1	1	1	0	1	0	0	0	0	0	0	0	1	0	1	1
040303 cargo/ light automobile transportation service	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
040309 other land cargo transportation service	0	0	0	0	0	2	0	1	1	0	0	0	1	0	0	1	0	0	0	0	0	0
0403 road cargo transportation service	21	20	18	19	11	20	14	14	16	7	11	9	6	8	8	10	7	8	11	7	10	8
040409 other transportation service	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
0404 other transportation service	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
04 transportation service	23	24	20	20	13	22	19	14	20	8	13	10	7	8	10	12	8	11	12	8	11	8
050101 land cargo handling service	0	2	0	0	3	0	1	1	1	1	0	1	0	0	0	0	1	0	2	1	0	0
0501 land cargo handling service	0	2	0	0	3	0	1	1	1	1	0	1	0	0	0	0	1	0	2	1	0	0
050201 general harbor transportation service	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
050202 port cargo handling service	0	0	2	1	0	1	0	1	2	2	2	1	0	0	1	0	1	0	1	0	0	0
050209 other harbor transportation service	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
0502 port cargo transportation service	0	0	2	1	0	1	0	1	2	2	2	1	0	0	1	0	2	0	1	0	0	0
05 cargo handling service	0	2	2	1	3	1	1	2	3	3	2	2	0	0	1	0	2	1	1	2	1	0
060101 agriculture	0	0	2	0	0	0	0	1	0	2	1	1	0	2	0	0	0	2	0	0	0	1
0601 agriculture	0	0	2	0	0	0	0	1	0	2	1	1	0	2	0	0	0	2	0	0	0	1
060201 lumbering	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
060209 other forestry	0	0	0	0	0	1	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	1
0602 forestry	0	0	0	0	0	1	1	0	1	1	1	0	0	0	0	0	0	0	0	0	0	1
06 agriculture	0	0	2	0	0	1	1	1	1	3	2	1	0	2	0	0	0	2	0	0	0	2

1001 movie/play service	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
10 movie/play service	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
110101 telecommunication service	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0
1101 telecommunication service	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0
11 telecommunication service	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0
120101 auto mobile practical training	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
120102 software service	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
120109 other education/research service	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0
1201 education/research service	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0
12 education/research service	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0
130101 hospital	1	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
130102 general clinic	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
130109 other medical treatment service	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1301 medical treatment service	1	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
130201 social welfare facility	0	0	0	0	0	1	0	0	1	0	0	0	0	1	0	0	0	2	0	1	1	0
1302 social welfare facility	0	0	0	0	0	1	0	0	1	0	0	0	0	1	0	0	0	2	0	1	1	0
130301 bathhouse	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
130309 other health and hygiene service	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
1303 other health and hygiene service	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
13 health and hygiene service	1	0	0	0	3	1	0	0	1	0	0	1	0	1	0	0	0	2	0	1	1	0
140101 hotel	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	1	0	0
1401 hotel	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	1	0	0
140201 general restaurant	0	0	2	0	0	0	0	0	1	0	0	0	2	2	0	1	0	0	1	1	0	0
140209 other restaurants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
1402 restaurant	0	0	2	0	0	0	0	0	1	0	0	0	2	2	0	1	0	0	1	2	0	0
140301 golf course	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
140302 park and amusement park	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0
140309 other amusement service	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0
1403 other amusement service	0	1	0	1	0	0	0	0	0	1	0	0	1	1	0	1	0	0	0	0	1	0
14 amusement service	0	1	2	1	0	0	0	0	2	1	0	0	3	3	1	2	0	0	1	3	1	0
150101 building maintenance service	1	2	0	1	2	2	1	1	1	2	1	2	0	0	1	0	0	0	1	1	1	2
150102 industrial waste management service	0	1	0	1	2	2	2	0	1	0	1	1	2	0	3	2	0	2	1	2	0	0
150103 other waste disposal service	0	0	0	1	0	1	1	2	0	0	1	0	0	0	1	0	0	0	0	1	3	0
150104 cremation service	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
150105 livestock process service	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
150109 other cleaning and livestock process service	1	0	1	0	0	1	1	0	0	0	0	0	1	0	0	0	1	1	0	0	0	0
1501 commercial cleaning	2	3	1	3	4	6	5	3	2	2	3	3	3	0	5	2	1	3	2	4	4	2

15 commercial cleaning	2	3	1	3	4	6	5	3	2	2	3	3	3	0	5	2	1	3	2	4	4	2
160101 public office	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1601 public office	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 public office	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
170101 dispatch service	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1701 dispatch service	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
170201 security service	4	4	2	7	4	0	5	3	0	3	2	5	0	0	1	1	3	0	2	2	1	4
170202 information processing service	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0
170209 others	4	6	2	7	1	4	5	2	3	2	5	3	3	3	8	3	2	4	4	4	2	4
1702 others	10	10	5	14	5	4	10	5	3	5	7	8	3	3	9	5	5	5	6	6	3	8
17 others	10	11	5	14	5	4	11	5	3	5	7	8	3	3	9	5	5	5	6	6	3	8
total	86	103	96	95	96	88	102	101	97	71	72	63	58	58	68	53	47	51	60	72	53	48

Fatal accidents in each main industry in Osaka Prefecture in 1988-2020

year	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
0101 food products	3	3	1	9	1	0	1	3	1	2	2	1	2	1	3	0	0	1	2	0	2	1	0	0	1	1	1	1	1	1	0	0	0	
0102 textile products	3	3	2	0	2	0	1	1	1	2	0	0	2	0	0	1	1	2	0	2	0	0	0	0	0	0	0	1	1	0	0	0	0	
0103 fiber products			1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0104 wood products	1	1		1	0	0	0	3	1	1	0	2	1	0	0	0	1	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	1	
0105 furniture		1		0	1	0	0	0	0	2	0	0	0	2	0	0	0	0	2	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
0106 pulp/paper processing products	2	3		1	0	1	1	0	3	0	0	0	0	1	1	0	0	1	0	0	1	0	0	0	1	0	1	0	0	1	1	0	0	
0107 printing/bookbinding	2	1		0	0	1	0	0	2	0	0	1	1	1	0	0	1	0	0	1	0	0	1	0	0	0	1	0	0	0	0	0	0	
0108 chemical products	2	3	1	3	2	1	2	4	2	2	2	2	2	1	1	2	3	0	2	1	3	5	1	3	1	1	0	1	1	1	2	3	1	
0109 sand and stone products	3	1		2	3	4	2	5	1	1	0	0	1	0	0	0	1	0	3	0	1	0	1	1	0	0	0	1	0	1	0	2	0	
0110 steel making	2	2	4	3	6	2	1	2	4	1	3	2	0	1	1	4	2	0	2	0	2	2	3	0	2	2	0	2	2	0	0	1	1	
0111 nonferrous metal making	1		1	1	0	0	0	0	0	0	1	0	1	1	0	0	0	0	4	1	0	0	0	0	0	2	2	0	0	0	0	0	0	
0112 metal products	7	10	16	11	7	13	6	6	6	10	11	6	5	8	8	8	9	7	9	9	3	4	5	6	6	3	3	3	3	3	4	0	1	
0113 machine products	5	4	3	2	0	3	3	3	4	2	0	2	0	0	1	1	2	2	3	2	0	1	1	1	2	3	1	1	0	1	0	0	1	
0114 electrical equipment products	1		2	1	1	1	0	1	1	1	0	0	2	1	1	1	0	1	0	0	1	1	0	0	1	1	0	0	0	0	3	0	0	
011501 ship building				1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2
0115 transport equipment products (except ship building)				0	0	0	1	1	2	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0
0116 electric/gas/water service				1	0	0	0	0	0	0	0	0	2	1	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
0117 other manufacturing	2	1	6	2	3	1	3	4	4	1	3	4	1	3	0	3	2	3	4	1	1	0	0	1	0	1	1	1	2	2	0	0	2	
01 manufacturing	34	33	37	39	27	27	21	33	33	25	22	20	22	21	16	21	24	18	31	20	14	14	12	14	14	14	10	11	11	11	10	6	9	
0201 coal mining & 0203 other mining				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0202 quarrying	1			1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	0	1	0	0	0	

02 mining	1			1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	0	1	0	0	0		
0301 civil engineering work				11	11	15	17	16	14	9	7	7	9	7	5	6	4	8	9	7	8	3	3	2	1	2	2	1	1	6	3	1	5
0302 construction work				43	23	31	34	34	29	31	23	9	15	17	16	16	14	17	24	17	14	6	11	10	6	16	9	9	8	8	16	13	5
0303 other construction works				9	6	8	10	5	11	7	10	6	7	9	5	8	3	6	4	11	6	11	4	8	9	3	3	3	2	6	6	6	2
03 construction	71	65	74	63	40	54	61	55	54	47	40	22	31	33	26	30	21	31	37	35	28	20	18	20	16	21	14	13	11	20	25	20	12
0401 railroad/water transportation/airline service	2		3	4	0	1	1	1	0	0	1	1	0	1	1	1	0	2	0	3	0	0	1	0	0	0	0	0	1	0	0	0	
0402 road passenger transport service	4	2	2	1	1	1	1	1	1	3	1	1	4	1	0	1	2	3	0	1	0	2	0	1	0	2	2	1	3	0	1	1	0
0403 road cargo transportation service	17	22	21	23	14	21	20	20	24	26	10	21	20	18	19	11	20	14	14	16	7	11	9	6	8	8	10	7	8	11	7	10	8
0404 other transportation service		1		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
04 transportation service	23	25	26	28	15	23	22	22	25	29	12	23	24	20	20	13	22	19	14	20	8	13	10	7	8	10	12	8	11	12	8	11	8
0501 land cargo handling service	3	2	2	3	3	2	3	0	2	1	0	0	2	0	0	3	0	1	1	1	1	0	1	0	0	0	0	0	1	0	2	1	0
0502 port cargo transportation service	6	1	2	4	2	1	0	2	4	1	4	0	0	2	1	0	1	0	1	2	2	2	1	0	0	1	0	2	0	1	0	0	0
05 cargo handling service	9	3	4	7	5	3	3	2	6	2	4	0	2	2	1	3	1	1	2	3	3	2	2	0	0	1	0	2	1	1	2	1	0
0601 agriculture				0	1	1	0	0	0	1	0	0	0	2	0	0	0	0	1	0	2	1	1	0	2	0	0	0	2	0	0	0	1
0602 forestry				0	1	0	2	0	1	0	0	0	0	0	0	0	1	1	0	1	1	1	0	0	0	0	0	0	0	0	0	0	1
06 agriculture				0	2	1	2	0	1	1	0	0	0	2	0	0	1	1	1	1	3	2	1	0	2	0	0	0	2	0	0	0	2
07 livestock/fishery				0	3	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	0	0	1	0
08 commerce	13	9	13	17	11	9	13	9	12	17	7	8	8	9	14	15	7	15	8	9	7	10	7	6	9	7	8	6	3	5	11	5	5
09 financial business/advertisement	1	2		0	1	1	1	2	1	2	0	0	1	0	0	0	1	0	0	1	0	0	0	0	1	0	0	0	0	0	1	0	1
10 movie/play service		1		0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
11 telecommunication service		1		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0
12 education/research service	1			0	0	0	1	0	0	1	0	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0
13 health and hygiene service				0	0	1	0	1	0	1	0	1	0	0	0	3	1	0	0	1	0	0	1	0	1	0	0	0	2	0	1	1	0
14 amusement service		3		0	0	2	1	0	1	1	1	0	1	2	1	0	0	0	0	2	1	0	0	3	3	1	2	0	0	1	3	1	0
15 commercial cleaning	2	5	2	2	7	2	5	2	4	3	6	2	3	1	3	4	6	5	3	2	2	3	3	3	0	5	2	1	3	2	4	4	2
16 public office				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 others	10	9	12	9	5	7	5	9	5	5	5	10	11	5	14	5	4	11	5	3	5	7	8	3	3	9	5	5	5	6	6	3	8
total	165	156	168	166	116	133	135	135	142	135	97	86	103	96	95	96	88	102	101	97	71	72	63	58	58	68	53	47	51	60	72	53	48

Data sources: <https://anzeninfo.mhlw.go.jp/user/anzen/tok/anst00.htm> (MHLW, Japan)

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