

Table 1: Time Series of Occupational Injuries and Fatal Occupational Injuries Number and Rate, 2012-2021

Indicator	Year									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Occupational Injuries	41,540	43,795	42,148	38,753	41,005	42,513	35,460	40,811	32,674	21,534
Occupational Injuries Rate	3.31	3.28	3.10	2.81	2.88	2.93	2.40	2.71	2.18	1.43
Fatal Occupational Injuries	582	617	573	668	688	711	611	578	312	301
Fatal Occupational Injuries Rate	4.64	4.62	4.21	4.84	4.84	4.90	4.14	3.83	2.09	2.00

Notes: The rate of Occupational Injuries and Fatal Occupational Injuries before 2019 is provided by Department of Occupational Safety and Health (DOSH).

Table 2.a: Number of Occupational Injuries by OSHA's Sector and State, 2021

OSHA's Sector	State															Total
	Johor	Kedah	Kelantan	Melaka	Negeri Sembilan	Pahang	Pulau Pinang	Perak	Perlis	Selangor	Terengganu	Sabah	Sarawak	W.P. Labuan	W.P. Kuala Lumpur & W.P. Putrajaya	
Agriculture, Forestry and Fishing	414	65	55	43	106	148	4	284	1	75	55	156	227	1	4	1,638
Mining and Quarrying	5	3	9	1	1	10	1	23	1	2	79	3	16	1	1	156
Manufacturing	2,788	441	50	353	356	287	818	788	14	1,501	63	153	244	7	131	7,994
Construction	186	111	20	267	28	42	380	141	50	577	51	56	271	2	115	2,297
Utilities	71	6	6	30	26	22	25	25	5	47	7	6	18	-	24	318
Wholesale and Retail Trades	491	106	17	50	49	106	116	174	74	359	62	56	142	2	175	1,979
Transport, Storage and Communication	317	56	12	42	60	53	121	111	2	358	22	33	65	5	97	1,354
Hotels and Restaurants	31	31	1	6	8	29	37	24	-	32	8	16	18	-	42	283
Finance, Insurance, Real Estate and Business Services	312	37	17	44	38	35	75	74	5	308	13	47	40	-	171	1,216
Services	874	161	107	48	210	345	126	360	26	936	84	44	163	-	815	4,299
Total	5,489	1,017	294	884	882	1,077	1,703	2,004	178	4,195	444	570	1,204	18	1,575	21,534

Table 2.b: Rate of Occupational Injuries by OSHA's Sector and State, 2021

OSHA's Sector	State															Total
	Johor	Kedah	Kelantan	Melaka	Negeri Sembilan	Pahang	Pulau Pinang	Perak	Perlis	Selangor	Terengganu	Sabah	Sarawak	W.P. Labuan	W.P. Kuala Lumpur & W.P. Putrajaya	
Agriculture, Forestry and Fishing	2.57	0.66	0.75	3.53	4.30	1.10	0.23	3.32	0.08	0.40	1.66	0.32	1.06	1.45	0.31	1.06
Mining and Quarrying	0.51	2.26	3.59	0.39	0.27	2.04	0.69	3.13	5.26	0.13	11.67	0.33	1.38	0.22	1.09	1.90
Manufacturing	6.55	2.55	0.77	3.71	4.71	4.37	2.73	4.08	1.76	2.61	1.15	0.66	1.46	1.76	1.95	3.20
Construction	1.69	1.50	0.25	8.63	0.65	0.85	6.80	1.90	5.09	2.40	0.74	0.49	1.97	0.51	1.77	1.98
Utilities	3.40	0.55	1.77	9.71	3.84	2.08	3.13	2.04	3.40	1.17	1.05	0.40	1.10	-	3.42	1.95
Wholesale and Retail Trades	1.51	0.64	0.11	0.65	0.62	0.85	0.92	0.79	4.12	0.49	0.64	0.18	0.61	0.35	1.09	0.70
Transport, Storage and Communication	2.97	1.30	0.41	1.96	1.94	1.67	1.90	2.30	0.53	1.07	1.16	0.47	1.10	2.36	1.28	1.44
Hotels and Restaurants	0.19	0.34	0.01	0.17	0.16	0.54	0.47	0.21	-	0.07	0.15	0.07	0.21	-	0.58	0.18
Finance, Insurance, Real Estate and Business Services	3.22	1.38	0.92	1.88	1.53	1.33	1.39	1.76	1.54	1.28	1.06	0.91	0.84	-	1.07	1.47
Services	2.51	0.65	0.56	0.36	1.64	1.69	0.82	1.46	0.68	1.29	0.72	0.13	0.53	-	3.00	1.24
Total	3.11	1.09	0.43	2.03	1.89	1.53	1.99	1.92	1.64	1.19	0.95	0.31	0.94	0.41	1.76	1.43

Table 2.c: Number of Fatal Occupational Injuries by OSHA's Sector and State, 2021

OSHA's Sector	State															Total
	Johor	Kedah	Kelantan	Melaka	Negeri Sembilan	Pahang	Pulau Pinang	Perak	Perlis	Selangor	Terengganu	Sabah	Sarawak	W.P. Labuan	W.P. Kuala Lumpur & W.P. Putrajaya	
Agriculture, Forestry and Fishing	3	-	1	-	1	6	1	3	-	1	2	3	5	-	-	26
Mining and Quarrying	-	-	1	-	-	3	-	-	-	1	1	-	3	-	-	9
Manufacturing	24	4	1	3	4	2	3	6	-	10	2	2	4	-	-	65
Construction	9	1	2	-	2	2	3	3	-	14	2	4	11	-	20	73
Utilities	3	-	1	-	-	2	-	-	-	-	-	-	2	-	-	8
Wholesale and Retail Trades	1	-	-	-	-	-	-	2	-	2	-	1	1	-	2	9
Transport, Storage and Communication	7	1	-	-	5	3	-	4	-	10	1	4	2	-	3	40
Hotels and Restaurants	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Finance, Insurance, Real Estate and Business Services	3	2	1	1	-	-	2	3	-	4	-	1	3	-	3	23
Services	6	1	1	1	2	1	4	5	-	12	-	-	4	-	10	47
Total	57	9	8	5	14	19	13	26	-	54	8	15	35	-	38	301

Table 2.d: Rate of Fatal Occupational Injuries by OSHA's Sector and State, 2021

OSHA's Sector	State															Total
	Johor	Kedah	Kelantan	Melaka	Negeri Sembilan	Pahang	Pulau Pinang	Perak	Perlis	Selangor	Terengganu	Sabah	Sarawak	W.P. Labuan	W.P. Kuala Lumpur & W.P. Putrajaya	
Agriculture, Forestry and Fishing	1.86	-	1.37	-	4.06	4.45	5.71	3.51	-	0.53	6.04	0.62	2.34	-	-	1.68
Mining and Quarrying	-	-	39.84	-	-	61.10	-	-	-	6.67	14.77	-	25.80	-	-	10.98
Manufacturing	5.63	2.31	1.54	3.15	5.29	3.04	1.00	3.11	-	1.74	3.64	0.86	2.39	-	-	2.60
Construction	8.20	1.35	2.46	-	4.63	4.03	5.37	4.04	-	5.83	2.88	3.50	7.99	-	30.71	6.30
Utilities	14.36	-	29.50	-	-	18.87	-	-	-	-	-	-	12.21	-	-	4.90
Wholesale and Retail Trades	0.31	-	-	-	-	-	-	0.91	-	0.28	-	0.32	0.43	-	1.24	0.32
Transport, Storage and Communication	6.55	2.32	-	-	16.18	9.43	-	8.29	-	2.99	5.29	5.69	3.38	-	3.96	4.26
Hotels and Restaurants	0.62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.07
Finance, Insurance, Real Estate and Business Services	3.10	7.44	5.39	4.27	-	-	3.70	7.14	-	1.66	-	1.95	6.32	-	1.89	2.78
Services	1.73	0.40	0.52	0.74	1.56	0.49	2.61	2.02	-	1.66	-	-	1.30	-	3.68	1.35
Total	3.23	0.96	1.16	1.15	2.99	2.69	1.52	2.49	-	1.53	1.71	0.81	2.74	-	4.26	2.00

Table 2.e: Number of Non-fatal Occupational Injuries by OSHA's Sector and State, 2021

OSHA's Sector	State															Total
	Johor	Kedah	Kelantan	Melaka	Negeri Sembilan	Pahang	Pulau Pinang	Perak	Perlis	Selangor	Terengganu	Sabah	Sarawak	W.P. Labuan	W.P. Kuala Lumpur & W.P. Putrajaya	
Agriculture, Forestry and Fishing	411	65	54	43	105	142	3	281	1	74	53	153	222	1	4	1,612
Mining and Quarrying	5	3	8	1	1	7	1	23	1	1	78	3	13	1	1	147
Manufacturing	2,764	437	49	350	352	285	815	782	14	1,491	61	151	240	7	131	7,929
Construction	177	110	18	267	26	40	377	138	50	563	49	52	260	2	95	2,224
Utilities	68	6	5	30	26	20	25	25	5	47	7	6	16	-	24	310
Wholesale and Retail Trades	490	106	17	50	49	106	116	172	74	357	62	55	141	2	173	1,970
Transport, Storage and Communication	310	55	12	42	55	50	121	107	2	348	21	29	63	5	94	1,314
Hotels and Restaurants	30	31	1	6	8	29	37	24	-	32	8	16	18	-	42	282
Finance, Insurance, Real Estate and Business Services	309	35	16	43	38	35	73	71	5	304	13	46	37	-	168	1,193
Services	868	160	106	47	208	344	122	355	26	924	84	44	159	-	805	4,252
Total	5,432	1,008	286	879	868	1,058	1,690	1,978	178	4,141	436	555	1,169	18	1,537	21,233

Table 2.f: Rate of Non-fatal Occupational Injuries by OSHA's Sector and State, 2021

OSHA's Sector	State															Total
	Johor	Kedah	Kelantan	Melaka	Negeri Sembilan	Pahang	Pulau Pinang	Perak	Perlis	Selangor	Terengganu	Sabah	Sarawak	W.P. Labuan	W.P. Kuala Lumpur & W.P. Putrajaya	
Agriculture, Forestry and Fishing	2.55	0.66	0.74	3.53	4.26	1.05	0.17	3.29	0.08	0.39	1.60	0.32	1.04	1.45	0.31	1.04
Mining and Quarrying	0.51	2.26	3.19	0.39	0.27	1.43	0.69	3.13	5.26	0.07	11.52	0.33	1.12	0.22	1.09	1.79
Manufacturing	6.49	2.52	0.76	3.67	4.66	4.34	2.72	4.05	1.76	2.60	1.11	0.65	1.43	1.76	1.95	3.17
Construction	1.61	1.48	0.22	8.63	0.60	0.81	6.74	1.86	5.09	2.34	0.71	0.45	1.89	0.51	1.46	1.92
Utilities	3.26	0.55	1.47	9.71	3.84	1.89	3.13	2.04	3.40	1.17	1.05	0.40	0.98	-	3.42	1.90
Wholesale and Retail Trades	1.51	0.64	0.11	0.65	0.62	0.85	0.92	0.79	4.12	0.49	0.64	0.17	0.61	0.35	1.07	0.70
Transport, Storage and Communication	2.90	1.28	0.41	1.96	1.78	1.57	1.90	2.22	0.53	1.04	1.11	0.41	1.06	2.36	1.24	1.40
Hotels and Restaurants	0.19	0.34	0.01	0.17	0.16	0.54	0.47	0.21	-	0.07	0.15	0.07	0.21	-	0.58	0.18
Finance, Insurance, Real Estate and Business Services	3.19	1.30	0.86	1.84	1.53	1.33	1.35	1.69	1.54	1.26	1.06	0.90	0.78	-	1.06	1.44
Services	2.50	0.64	0.55	0.35	1.62	1.69	0.79	1.44	0.68	1.28	0.72	0.13	0.52	-	2.96	1.22
Total	3.08	1.08	0.41	2.02	1.86	1.50	1.97	1.90	1.64	1.18	0.93	0.30	0.91	0.41	1.72	1.41

Table 3: Number of Occupational Injuries by Injury Location and OSHA's Sector, 2021

Injury Location (Body Part)	OSHA's Sector										
	Agriculture, Forestry and Fishing	Mining and Quarrying	Manufacturing	Construction	Utilities	Wholesale and Retail Trades	Transport, Storage and Communication	Hotels and Restaurants	Finance, Insurance, Real Estate and Business Services	Services	Total
Head	197	12	464	159	25	89	74	22	59	191	1,292
Neck	5	-	18	2	1	3	5	-	3	13	50
Upper Limb	629	58	4,270	705	120	689	438	111	415	1,384	8,819
Trunk	64	5	903	333	25	200	140	18	148	377	2,213
Lower Limb	480	13	1,300	395	79	376	354	59	235	863	4,154
Multiple Locations	171	29	701	491	49	345	183	51	185	471	2,676
General Injuries/ Poisoning/ Diseases	44	37	117	103	10	83	24	7	48	280	753
Unspecified injury location	48	2	221	109	9	194	136	15	123	720	1,577
Total	1,638	156	7,994	2,297	318	1,979	1,354	283	1,216	4,299	21,534

Note: Analysis based on Table 12, Guidelines on Occupational Safety and Health (Notification of Accident, Dangerous Occurrence, Occupational Poisoning and Occupational Disease) Regulations 2004 [NADOPOD]

Table 4: Number of Occupational Injuries by Type of Injury and OSHA's Sector, 2021

Type of Injury	OSHA's Sector										Total
	Agriculture, Forestry and Fishing	Mining and Quarrying	Manufacturing	Construction	Utilities	Wholesale and Retail Trades	Transport, Storage and Communication	Hotels and Restaurants	Finance, Real Estate and Business Services	Services	
Other wounds	673	21	3,666	907	106	780	466	91	497	1,167	8,374
Fractures	291	18	1,173	486	61	338	366	37	220	1,001	3,991
Other and unspecified injuries	290	34	1,543	420	72	407	259	62	236	965	4,288
Concussions and other internal injury	74	4	112	66	5	63	65	5	42	256	692
Sprain and strains	95	22	518	262	34	186	112	27	115	337	1,708
Superficial injuries	79	1	184	18	7	53	11	26	17	152	548
Multiple injuries of different nature	42	3	131	53	10	59	47	8	44	268	665
Burns	13	5	281	24	2	28	3	13	12	52	433
Dislocations	9	1	53	12	2	10	8	5	7	38	145
Contusions and crushings	39	2	141	19	5	17	11	2	12	33	281
Amputations and enucleations	26	4	148	8	2	12	1	4	7	17	229
Acute poisonings	3	36	11	5	2	20	1	-	-	1	79
Effects of weather, exposure and related conditions	2	-	8	3	-	2	1	-	3	6	25
Asphyxia	1	5	3	5	1	-	-	3	1	2	21
Effects of electric currents	1	-	19	8	9	3	3	-	3	2	48
Effects of radiations	-	-	3	1	-	1	-	-	-	2	7
Total	1,638	156	7,994	2,297	318	1,979	1,354	283	1,216	4,299	21,534

Note: Analysis based on Table 10, Guidelines on Occupational Safety and Health (Notification of Accident, Dangerous Occurrence, Occupational Poisoning and Occupational Disease) Regulations 2004 [NADOPOD]

Table 5: Number of Occupational Injuries by Cause of Accident and OSHA's Sector, 2021

Cause of Accident (Agent)	OSHA's Sector										Total
	Agriculture, Forestry and Fishing	Mining and Quarrying	Manufacturing	Construction	Utilities	Wholesale and Retail Trades	Transport, Storage and Communication	Hotels and Restaurants	Finance, Real Estate and Business Services	Services	
Working environment	595	72	3,017	1,267	102	1,119	458	123	671	2,988	10,412
Means of transport and lifting equipment	222	19	628	419	48	293	609	23	203	665	3,129
Agencies not classified for lack of sufficient data	194	16	1,166	71	59	104	138	57	99	131	2,035
Machines	137	29	1,416	232	18	127	34	16	89	124	2,222
Other agencies, not elsewhere classified	163	5	302	88	33	160	35	15	45	189	1,035
Tools, implements and appliances, except electric hand tools	249	7	937	157	44	117	58	35	76	111	1,791
Materials, substances and radiations	55	3	309	45	4	45	20	12	14	60	567
Refrigerating installations, including electric motors	4	1	94	8	7	2	1	1	9	-	127
Other equipment	18	2	93	6	2	4	-	1	4	6	136
Furnaces, ovens, kilns	1	2	11	1	-	2	-	-	-	-	17
Refrigerating plants	-	-	-	-	-	-	-	-	-	-	-
Work from home	-	-	21	3	1	6	1	-	6	25	63
Total	1,638	156	7,994	2,297	318	1,979	1,354	283	1,216	4,299	21,534

Note: Analysis based on Table 11, Guidelines on Occupational Safety and Health (Notification of Accident, Dangerous Occurrence, Occupational Poisoning and Occupational Disease) Regulations 2004 [NADOPOD]

Table 6: Number of Occupational Injuries by Type of Accident and OSHA's Sector, 2021

Type of Accident	OSHA's Sector										
	Agriculture, Forestry and Fishing	Mining and Quarrying	Manufacturing	Construction	Utilities	Wholesale and Retail Trades	Transport, Storage and Communication	Hotels and Restaurants	Finance, Insurance, Real Estate and Business Services	Services	Total
Falls of persons	396	22	945	431	77	370	214	69	301	1,269	4,094
Stepping on, striking against or struck by objects including falling objects	306	31	1,769	761	64	540	646	52	294	867	5,330
Other types of accident, not elsewhere classified, including accidents not classified for lack of sufficient data	331	36	1,491	301	75	319	225	74	206	603	3,661
Overexertion or strenuous movements	93	4	1,379	312	33	267	97	23	194	361	2,763
Struck by falling objects	303	12	611	261	16	297	103	29	108	771	2,511
Caught in or between objects	185	11	1,430	201	35	143	59	21	98	385	2,568
Exposure to or contact with extreme temperature	15	5	258	18	6	23	5	13	8	30	381
Exposure to or contact with harmful substances or radiations	6	35	87	5	2	17	1	2	4	10	169
Exposure to or contact with electric current	3	-	24	7	10	3	4	-	3	3	57
Jumlah	1,638	156	7,994	2,297	318	1,979	1,354	283	1,216	4,299	21,534

Note: Analysis based on Table 9, Guidelines on Occupational Safety and Health (Notification of Accident, Dangerous Occurrence, Occupational Poisoning and Occupational Disease) Regulations 2004 [NADOPD]