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MEDIA STATEMENT



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ENVIRONMENT STATISTICS, 2025

Minor Disaster Incidents Increased by 34.1 Per Cent to 228 Incidents in 2024, with 259,841 Individuals Affected

PUTRAJAYA, 31st DECEMBER 2025 – The Department of Statistics Malaysia (DOSM) has published the Environmental Statistics 2025, presenting environmental statistics covering six (6) components, namely Environmental Conditions & Quality; Environmental Resources & Their Use; Waste; Extreme Events & Disasters; Human Settlements & Environmental Health; and Environmental Engagement, Management & Protection. The compilation of these statistics is based on the Framework for the Development of Environment Statistics (FDES), United Nations, 2013.

Climate change continued to affect the country in 2024, resulting in various environmental impacts and an increase in disaster events such as floods, storms, landslides and fires.

The Chief Statistician of Malaysia, Dato' Sri Dr. Mohd Uzir Mahidin stated that the total number of minor disaster events in 2024 increased to 228, compared to 170 events recorded in the previous year. Among the states that recorded the highest number of disaster incidents were Terengganu

and Perak, reporting 28 incidents respectively, followed by Pahang and Selangor with 24 incidents. Floods remained the predominant disaster, accounting for 218 cases or 95.6 per cent of all disaster events in Malaysia. In line with this increase, the number of Temporary Evacuation Centres also rose to 1,520 (2023: 1,218). Meanwhile, the total number of disaster victims affected by floods, storms, landslides and fires increased by 28.8 per cent to 259,841 persons, compared to 201,712 persons in 2023.

However, the number of dengue fever cases recorded in 2024 showed a decline. Dato' Sri Dr. Mohd Uzir Mahidin mentioned, "Dengue fever cases in Malaysia decreased by 0.6 per cent to 122,423 cases in 2024 compared to 123,133 cases in 2023. Among the states that recorded a decline in dengue cases were Penang, which decreased to 4,370 cases (2023: 7,346 cases), followed by W.P Kuala Lumpur (including W.P Putrajaya), which recorded 11,133 cases and Kedah (4,452 cases). Additionally, the number of malaria cases in all states declined to 2,384 cases, compared to 3,629 cases in the previous year. Among the states that recorded a reduction in malaria cases were Sabah (1,254 cases), Sarawak (599 cases) and Kelantan (124 cases)."

Furthermore, air quality in 2024 showed that the number of days with moderate air quality readings recorded at 65 stations ranged from 56 to 364 days. He further added that "there were also stations that recorded unhealthy air quality status in 2024. These stations were Bukit Rambai, Melaka (35 days), Tanjung Malim, Perak (22 days), as well as Rompin, Pahang and Kimanis, Sabah each recording 18 days respectively."

Malaysia, for the first time, ranked as number one (1) globally in the biennial Open Data Inventory (ODIN) 2024/25 report released by Open Data Watch (ODW), surpassing 197 other countries. This achievement marks a significant leap from its 67th position in the ODIN 2022/23 assessment.

OpenDOSM NextGen is a medium that provides data catalogue and visualisations to facilitate users' analysis and can be accessed through <https://open.dosm.gov.my> .

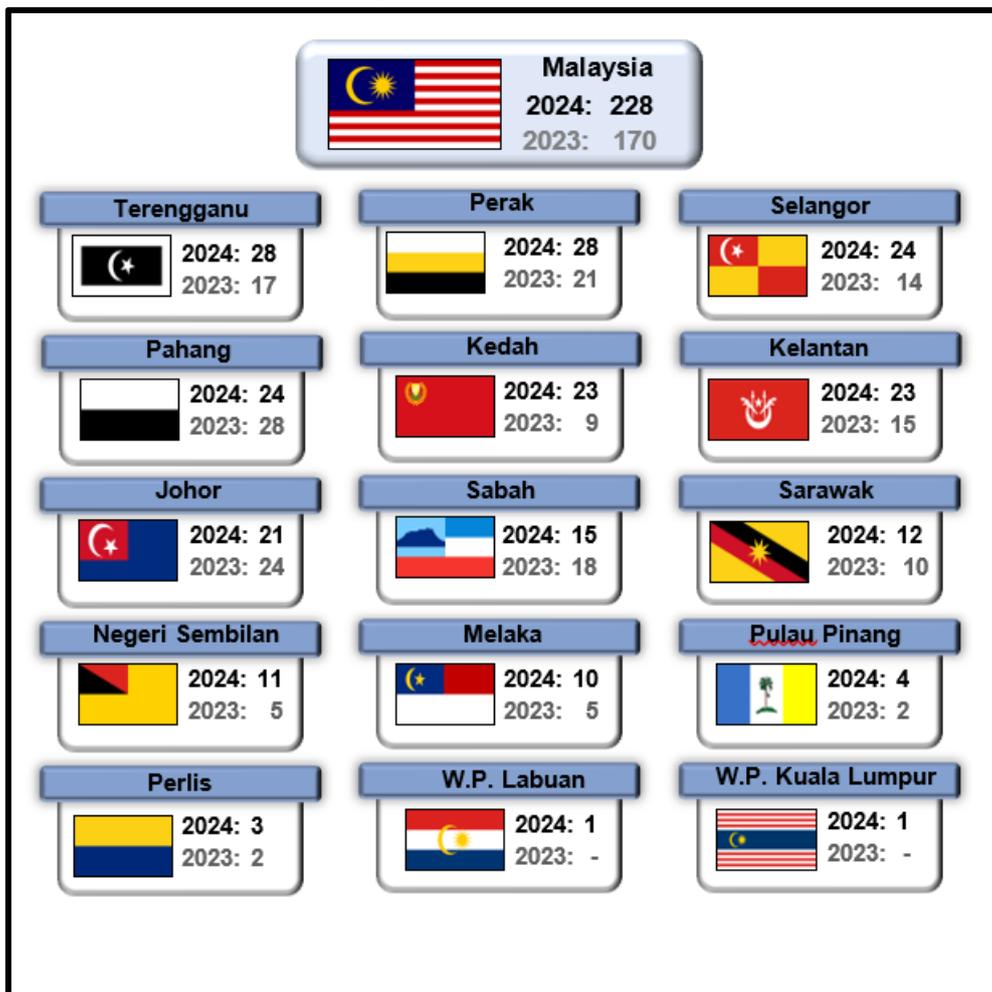
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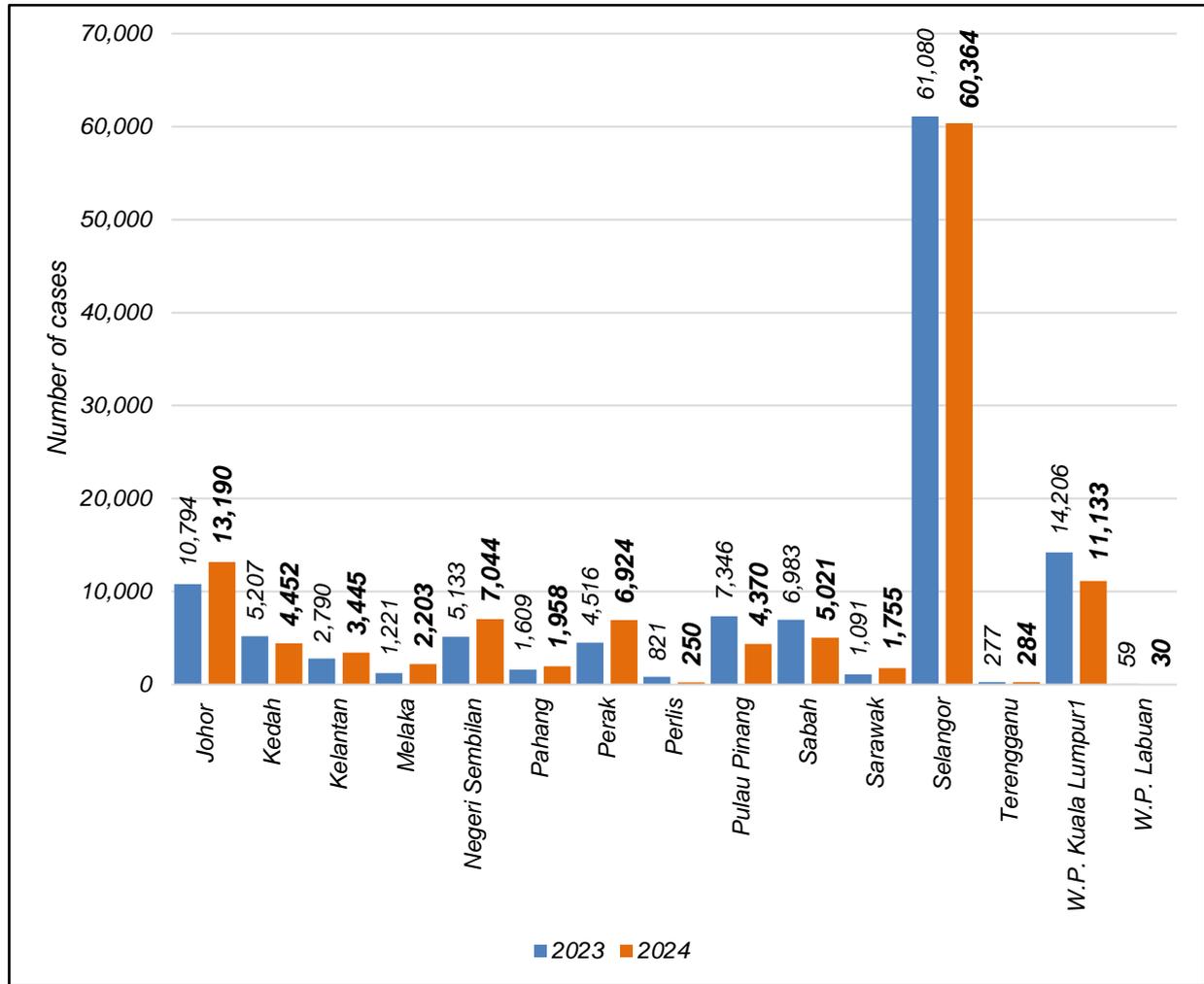
31st DECEMBER 2025

Exhibit 1: Number of minor disaster events reported by state, Malaysia, 2023 and 2024



Source: National Disaster Management Agency

Chart 1: Number of Dengue Fever Cases by State, Malaysia, 2023 and 2024



Source: Ministry of Health Malaysia

Note: ¹Includes W.P. Putrajaya:

Table 1: Disaster events by state, Malaysia, 2020-2024

State	Year	Number of events	Victim	Family	Evacuation center	Death
Malaysia	2020	64	35,376	9,750	510	16
	2021	68	208,643	53,814	1,778	58
	2022	139	192,707	53,095	1,498	50
	2023	170	201,712	59,109	1,218	9
	2024	228	259,841	80,420	1,520	18
Johor	2020	5	4,336	1,308	63	3
	2021	5	17,530	4,530	119	-
	2022	16	11,592	1,799	159	1
	2023	24	97,214	27,396	489	5
	2024	21	16,096	4,498	120	2
Kedah	2020	6	1,508	437	34	-
	2021	5	2,681	757	62	6
	2022	9	2,470	621	32	3
	2023	9	2,889	863	30	-
	2024	23	30,353	9,735	162	3
Kelantan	2020	2	2,101	679	50	5
	2021	5	18,246	5,065	187	4
	2022	10	57,962	17,652	263	7
	2023	15	43,730	13,944	144	3
	2024	23	111,455	34,766	366	5
Melaka	2020	3	818	236	13	-
	2021	5	3,069	738	42	-
	2022	4	3,547	931	38	-
	2023	5	836	218	11	-
	2024	10	1,858	480	26	-
Negeri Sembilan	2020	5	632	145	9	-
	2021	4	907	212	23	-
	2022	6	2,333	653	28	-
	2023	5	1,249	364	36	-
	2024	11	2,820	775	34	-
Pahang	2020	5	1,093	294	28	8
	2021	6	94,865	25,613	841	21
	2022	13	6,160	1,590	114	2
	2023	28	11,946	3,382	114	1
	2024	24	7,778	2,599	107	2
Perak	2020	8	1,878	543	43	-
	2021	9	2,939	851	40	-
	2022	12	3,015	841	53	-
	2023	21	2,266	609	35	-
	2024	28	6,195	1,759	65	-
Perlis	2020	1	6	20	1	-
	2021	1	98	27	3	-
	2022	3	38	10	3	-
	2023	2	131	42	2	-
	2024	3	1,974	619	16	-

Table 1: Disaster events by state, Malaysia, 2020-2024

State	Year	Number of events	Victim	Family	Evacuation center	Death
Pulau Pinang	2020	5	241	51	4	-
	2021	2	59	19	3	-
	2022	2	402	91	4	-
	2023	2	116	31	3	-
	2024	4	764	205	12	-
Sabah	2020	2	1,363	423	16	-
	2021	6	9,926	3,088	74	2
	2022	23	10,742	3,231	95	-
	2023	18	13,946	4,783	76	-
	2024	15	1,816	518	17	1
Sarawak	2020	4	626	182	5	-
	2021	6	9,217	2,407	105	-
	2022	9	1,923	525	30	-
	2023	10	1,552	393	18	-
	2024	12	3,000	786	30	1
Selangor	2020	10	2,135	568	40	-
	2021	9	28,952	5,285	178	25
	2022	20	6,382	1,667	77	35
	2023	14	1,340	360	26	-
	2024	24	4,642	1,225	39	-
Terengganu	2020	2	18,429	4,799	199	-
	2021	2	19,515	5,051	96	-
	2022	8	85,253	23,195	592	2
	2023	17	24,497	6,724	234	-
	2024	28	71,070	22,451	524	4
W.P. Kuala Lumpur	2020	4	43	11	4	-
Lumpur	2021	3	599	164	4	-
	2022	4	888	289	10	-
	2023	-	-	-	-	-
	2024	1	8	1	1	-
W.P. Labuan	2020	2	167	54	1	-
	2021	1	40	7	1	-
	2022	-	-	-	-	-
	2023	-	-	-	-	-
	2024	1	12	3	1	-
W.P. Putrajaya	2020	-	-	-	-	-
	2021	-	-	-	-	-
	2022	-	-	-	-	-
	2023	-	-	-	-	-
	2024	-	-	-	-	-

Source: National Disaster Management Agency

Notes: Number of disaster events is based on families and victims placed at Temporary Evacuation Centers (PPS) affected by disaster