Time and Day of Overdose in Vermont May 2025

Understanding when overdoses happen in Vermont is critical for public health workers, healthcare providers and community organizations as they work to prevent overdoses and save lives. If you need help accessing or understanding this information, contact AHS.VDHOverdoseDataVT@vermont.gov.



Emergency Departments see more nonfatal overdose patients in the afternoon and evening and on Thursdays, Fridays, and Sundays.

Total nonfatal opioid, stimulant, and benzodiazepine overdose visits at Vermont emergency departments

	Hour of Day																							
	00	01	02	03	04	05	06	07	80	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	12ar	n 1am	2am	3am	4am	5am	6am	7am	8am	9am	10am	11am	12pm	1pm	2pm	3pm	4pm	5pm	6pm	7pm	8pm	9pm	10pm	11pm
Sun	31	22	12	13	14	7	19	10	10	14	31	22	35	31	25	32	32	29	35	37	26	45	26	30
Mon	17	21	13	12	7		16	8	19	17	27	24	20	19	27	32	35	27	29	27	34	27	24	25
Tue	14	14	10	14	8		8	18	16	17	26	19	30	37	24	31	40	32	34	30	40	29	19	18
Wed	21	13	13	9	8	15	13	14	14	23	26	26	40	38	24	25	25	42	41	22	28	25	30	22
Thu	15	20	8	19	15	9		14	17	31	24	20	34	37	42	33	45	35	35	39	38	29	32	32
Fri	19	14	16	23	8	14	9	12	14	21	26	36	25	26	28	30	39	36	36	39	31	28	36	32
Sat	14	26	14	22	23	6	10	22	15	17	25	14	21	25	24	32	29	25	40	27	38	32	28	28

Source: ESSENCE, 2019-June 2024

Blank squares indicate that the data is suppressed due to small numbers.

FD Visits

FMS ODs



Emergency Medical Services see more overdose patients in the afternoon and evening and on Fridays and Saturdays.

Total fatal and nonfatal opioid, stimulant, benzodiazepine, and hallucinogen overdose responses by Vermont emergency medical services

	Hour		-																					
	00 12am	01 1am	02 2am	03 3am	04 4am	05 5am	06 6am	07 7am	08 8am	09 9am	10 10am	11 11am	12 12nm	13 1nm	14 2pm	15 3nm	16 4nm	17 5pm	18 6pm	19 7pm	20 8nm	21 9nm	22 10pm	23 11pm
		20111	Zuiii	Juin	Tulli	Juin	ouiii	7 (3111	Ouim	Juin	Tourn		TEPIN	Thin	Zpiii	Opini	тріпі	Opini	Оріпі	7 pini	Opini	Spini	TOPIN	TTPIII
Sun	58	41	39	27	27	20	21	21	34	38	56	49	61	53	55	59	47	72	51	84	68	55	65	55
Mon	53	38	33	27	20	17	28	18	42	32	33	53	50	61	61	48	59	62	74	69	75	61	70	48
Tue	44	24	30	25	19	18	17	31	35	56	50	41	57	51	63	76	55	57	81	66	72	85	67	45
Wed	49	38	32	30	18	22	14	28	33	34	46	64	66	74	62	60	74	55	75	77	83	76	72	44
Thu	44	42	36	30	25	15	29	31	46	48	44	59	69	59	70	60	64	67	60	81	71	87	71	55
Fri	46	43	30	29	32	25	29	31	22	38	51	67	77	64	68	58	78	84	92	88	84	85	77	76
Sat	79	59	52	42	31	23	29	33	40	41	48	52	47	53	70	71	72	70	77	89	78	69	73	78

Source: SIREN, 2019-June 2024



HealthVermont.gov 802-863-7200



Resources

Overdose prevention strategies: www.KnowODVT.com

Harm reduction, treatment, and recovery services: www.VTHelpLink.org

Overdose prevention: AHS.VDHod2a@vermont.gov

References

Electronic Surveillance System for the Early Notification of Community-based Epidemics (ESSENCE syndromic surveillance), 2019 – June 2024.

Statewide Incident Reporting Network (SIREN), 2019 - June 2024.

Data Notes

Emergency Department Data

- **ESSENCE** is an electronic syndromic surveillance system used to track real-time healthcare encounter data.
- An overdose is an unintentional poisoning which has been caused by drugs rather than any potentially toxic substance (e.g., cleaning agents and pesticides).
- <u>Benzodiazepine</u>, <u>stimulant</u>, and <u>opioid</u> overdose ED visits were identified using CDC's syndrome definitions and were included in the analysis as nonfatal overdose ED visits. Overdoses related to suicide and self-harm were excluded from the analysis.
- All visits to Vermont EDs were included.

Emergency Medical Services Data

- SIREN is a comprehensive electronic prehospital patient care data collection, analysis, and reporting system that has been in use since 2010.
- 911 emergency incidents (including mutual aid) occurring in the state of Vermont for primary and secondary impressions that indicated a drug overdose were included.
 Marijuana and alcohol-only overdoses were excluded.
- All EMS incidents were included. This includes all incidents regardless of whether transportation of the patient was needed or accepted and includes patients who were "dead on arrival."

