

Department of Defense (DoD) Quarterly Suicide Report (QSR) 4th Quarter, CY 2022

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The estimated cost of this report or study for the Department of Defense is approximately \$6,770 for the 2023 Fiscal Year. This includes \$3,940 in expenses and \$2,830 in DoD labor.



**DEFENSE SUICIDE
PREVENTION OFFICE**

Introduction

The Department of Defense (DoD) is fully committed to preventing suicides in our military community – every death by suicide is a tragedy. The DoD recognizes the potential impact of the COVID-19 pandemic on the well-being of our Service members and families. We are closely monitoring, and taking proactive steps to mitigate potential impacts. During this time, we remain dedicated in our efforts to educate and support the force, and emphasize social connectedness.

The number of suicide deaths in the current report are preliminary and subject to change, as previously unknown cases are reported and some known cases are further investigated. The DoD continues to investigate individual cases to make informed determinations, and conduct the necessary statistical analyses to understand trends over time. At this time, it is too early to determine whether suicide rates will increase or decrease for Calendar Year 2022.

To help determine the impact of suicide on the Total Force, the Defense Suicide Prevention Office (DSPO) routinely collects and reports surveillance data on suicide mortality across the Department. The most up-to-date counts of suicide deaths are reported in the Quarterly Suicide Report (QSR).¹ The QSR complies with Objective 11.1 of the DoD Defense Strategy for Suicide Prevention (DSSP) by providing timely and accurate suicide data to guide suicide prevention efforts across the Department.

DSPO collects suicide data via collaborative effort with the Office of the Armed Forces Medical Examiner System (AFMES) and the Suicide Prevention Program Offices of the Military Services (i.e., Army, Marine Corps, Navy, Air Force, and Space Force). AFMES is the official DoD entity responsible for verifying and reporting deaths by suicide for the Active Component and, to the extent available, the Reserve Component, to DSPO.^{2,3} These numbers are reconciled with the Military Services to ensure the most accurate information is reported.

Quarters are based upon the Calendar Year (CY) and defined as:

- Quarter 1 (Q1): January 1st – March 31st
- Quarter 2 (Q2): April 1st – June 30th
- Quarter 3 (Q3): July 1st – September 30th
- Quarter 4 (Q4): October 1st – December 31st

The current report presents data from Q4 of CY 2022. Data includes all known or suspected suicides (both confirmed and pending) as of December 31, 2022, for both the Active and Reserve Components. Hence, the numbers presented in this report are preliminary and

¹ Absolute counts do not account for changes in population size. Consequently, caution should be used when making comparisons across groups and/or interpreting changes in suicide counts across time.

² Active Component: Full-time members of the U.S. Armed Forces and Cadets/Midshipmen at the designated military academies.

³ Reserve Component: Limited to members of the Selected Reserves (SELRES). SELRES are drilling and training members of the National Guard and Reserve, Individual Mobilization Augmentees, and full-time support Active Guard and Reservists. This excludes members of the Individual Ready Reserve (IRR) and Inactive National Guard (ING).

subject to change as previously unknown suicide cases are reported and some known cases are further investigated.⁴

Caution should be used when making comparisons across groups and/or interpreting changes in suicide counts across time because counts do not account for changes in population size. Rates account for differences in population sizes; and, as such, provide a more standardized way to make comparisons over time or across groups.⁵ For the most recent DoD annual suicide rates and trends/changes over time, please see the CY 2021 DoD Annual Report on Suicide in the Military (<https://www.dspo.mil/Annual-Reports/>). The official annual suicide counts and rates for CY 2022 will be published in the DoD Annual Report on Suicide in the Military.

QSR Data

Attachment A details the number of suicide deaths by Service⁶ and Component. For Q4 of CY 2022, the Military Services reported the following deaths suspected or confirmed to be suicides:

- 80 in the **Active Component**
- 13 in the **Reserve**
- 31 in the **National Guard**

Comparisons of suicide counts between Q4 CY 2021 and Q4 CY 2022 are provided below.⁷ These comparisons are for descriptive purposes and do not reflect statistical increases or decreases nor account for population size.

- For Q4 CY 2022, the number of **Active Component** suicide deaths decreased by 5 compared to Q4 CY 2021 (80 versus 85 suicide deaths)
 - Army Active Component suicide deaths decreased by 15
 - Marine Corps Active Component suicide deaths increased by 4
 - Navy Active Component suicide deaths increased by 5
 - Air Force Active Component suicide deaths increased by 1
- For Q4 CY 2022, the number of **Reserve** suicide deaths decreased by 11 compared to Q4 CY 2021 (13 versus 24 suicide deaths)
 - Army Reserve suicide deaths decreased by 7
 - Marine Corps Reserve suicide deaths decreased by 2
 - Navy Reserve suicide deaths decreased by 4
 - Air Force Reserve suicide deaths increased by 2
- For Q4 CY 2022, the number of **National Guard** suicide deaths increased by 4 compared to Q4 CY 2021 (31 versus 27 suicide deaths)
 - Army National Guard suicide deaths increased by 4
 - Air National Guard suicide deaths stayed the same

⁴ Official annual suicide counts and unadjusted rates are published in the DoD Annual Report on Suicide in the Military. The most recent report is for CY 2021. Available at: <https://www.dspo.mil/Annual-Reports/>.

⁵ Rates are defined as the total number of suicides divided by the population for a given time period.

⁶ Currently, Air Force data includes Space Force data. However, there have been no Space Force suicides.

⁷ Research on the seasonal effects of suicide death has shown mixed results (e.g., Gutzwiller, 2011; McCleary, 1994; Postalache, 2012; Rosslar, 2010).

Attachment A

DoD Component and Service	CY 2016	CY 2017					CY 2018					CY 2019				
	Total	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total
Active Component	280	74	58	71	83	286	81	78	78	89	326	92	71	84	101	348
Army	130	32	24	27	33	116	36	31	40	34	141	31	37	34	43	145
Marine Corps	37	7	9	15	12	43	13	13	15	16	57	14	6	11	16	47
Navy	52	16	13	15	21	65	23	15	11	19	68	22	13	19	19	73
Air Force	61	19	12	14	17	62	9	19	12	20	60	25	15	20	23	83
Reserve Component	200	52	67	64	40	223	49	44	62	62	217	45	43	42	26	156
Reserve	80	20	29	27	16	92	22	16	19	24	81	21	16	17	12	66
Army Reserve	41	12	20	17	14	63	15	11	13	9	48	10	8	11	8	37
Marine Corps Reserve	19	5	3	2	0	10	4	1	4	10	19	5	1	1	2	9
Navy Reserve	10	1	2	3	2	8	3	3	2	3	11	2	2	3	0	7
Air Force Reserve	10	2	4	5	0	11	0	1	0	2	3	4	5	2	2	13
National Guard	120	32	38	37	24	131	27	28	43	38	136	24	27	25	14	90
Army National Guard	108	30	35	35	21	121	24	26	36	33	119	19	24	22	11	76
Air National Guard	12	2	3	2	3	10	3	2	7	5	17	5	3	3	3	14

DoD Component and Service	CY 2020					CY 2021					CY 2022				
	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total
Active Component	89	80	113	101	383	76	97	70	85	328	76	85	87	80	328
Army	37	41	52	44	174	44	57	31	43	175	37	33	38	28	136
Marine Corps	14	10	20	19	63	13	8	13	9	43	8	17	21	13	59
Navy	19	11	20	15	65	12	18	14	16	60	15	20	14	21	70
Air Force	19	18	21	23	81	7	14	12	17	50	16	15	14	18	63
Reserve Component	46	48	44	60	198	43	42	59	51	195	41	41	34	44	160
Reserve	20	25	13	19	77	15	14	22	24	75	18	18	15	13	64
Army Reserve	9	16	7	10	42	10	9	13	14	46	10	12	9	7	38
Marine Corps Reserve	2	2	2	4	10	2	4	4	4	14	2	1	1	2	6
Navy Reserve	5	3	2	3	13	3	1	1	5	10	2	3	1	1	7
Air Force Reserve	4	4	2	2	12	0	0	4	1	5	4	2	4	3	13
National Guard	26	23	31	41	121	28	28	37	27	120	23	23	19	31	96
Army National Guard	22	18	29	36	105	26	23	34	22	105	22	18	16	26	82
Air National Guard	4	5	2	5	16	2	5	3	5	15	1	5	3	5	14

Note: All figures above may be subject to change in future publications as updated information becomes available. Suicide counts (both confirmed and pending) are **current as of December 31, 2022**. Currently, Air Force data includes Space Force. No suicide deaths for the Space Force have been reported to date.

Indicates a change from the previous QSR based on updated information.

Highlighted for comparison (for descriptive purposes and do not reflect statistical increases or decreases nor account for population size)