Estimated Overdose Death Rate per 100,000 Maryland Workers, 2019-2022*

Prepared October 2024 by the Center for Environmental, Occupational, and Injury Epidemiology

Occupation Classification	ALL Workers				
	2019	2020	2021	2022	2020 to 2022
Construction and Extraction Occupations	283.9	350.4	344.6	280.6	324.9
Installation, Maintenance, and Repair Occupations	136.1	178.0	168.9	119.1	154.7
Transportation and Material Moving Occupations	129.8	148.8	160.2	151.1	153.5
Food Preparation and Serving Related Occupations	127.8	143.5	179.4	128.3	149.4
Building and Grounds Cleaning and Maintenance Occupations	86.0	138.1	149.0	139.5	142.1
Farming, Fishing, and Forestry Occupations	--	--	--	135.6	120.3
Production Occupations	91.2	105.9	109.9	92.5	102.9
Personal Care and Service Occupations	56.1	77.9	95.6	66.3	79.2
Healthcare Support Occupations	66.6	79.8	67.7	83.1	77.1
Sales and Related Occupations	46.0	54.3	61.2	54.1	56.4
Arts, Design, Entertainment, Sports, and Media Occupations	41.5	56.0	62.5	44.2	53.7
Protective Service Occupations	27.7	39.8	46.9	43.1	43.2
Community and Social Service Occupations	33.5	49.2	30.8	46.6	42.1
Office and Administrative Support Occupations	35.2	24.8	33.9	37.0	31.7
Military**	--	--	--	--	26.3
Management Occupations	18.7	25.7	28.1	22.9	25.5
Architecture and Engineering Occupations	15.9	26.3	24.5	25.1	25.3
Healthcare Practitioners and Technical Occupations	24.1	19.9	25.3	26.7	24.0
Legal Occupations	--	--	--	--	13.2
Business and Financial Operations Occupations	14.5	13.9	14.9	10.7	13.1
Life, Physical, and Social Science Occupations	--	--	--	--	11.6
Computer and Mathematical Occupations	7.7	12.0	12.0	9.6	11.1
Educational Instruction and Library Occupations	7.2	7.0	6.1	6.7	6.6

*The working population is defined as 16 years old and older
**Denominator not available separately by sex for military occupations; therefore, we are unable to calculate rates for male and female.

-- Data suppressed due to counts less than 11

Data sources: Numerator : 2019-2022 Maryland State Unintentional Drug Overdose Reporting System (SUDORS); Occupation classification: National Institute for Occupational Safety and Health (NIOSH) Industry and Occupation Computerized Coding System (NIOCCS); Denominator : United States Census Bureau American Communities Survey (ACS)

Estimated Overdose Death Rate per 100,000 Maryland Workers, 2019-2022*

Prepared October 2024 by the Center for Environmental, Occupational, and Injury Epidemiology

Occupation Classification	MALE Workers				
	2019	2020	2021	2022	2020 to 2022
Construction and Extraction Occupations	290.2	360.0	350.5	290.6	333.7
Installation, Maintenance, and Repair Occupations	139.6	183.8	175.1	123.4	160.2
Transportation and Material Moving Occupations	146.4	162.5	182.8	169.4	171.6
Food Preparation and Serving Related Occupations	169.0	174.5	261.0	167.1	197.0
Building and Grounds Cleaning and Maintenance Occupations	117.9	179.9	207.7	175.7	187.6
Farming, Fishing, and Forestry Occupations	--	--	--	--	157.7
Production Occupations	111.6	136.0	135.4	111.2	127.7
Personal Care and Service Occupations	75.2	196.2	158.9	148.1	168.0
Healthcare Support Occupations	--	83.4	75.6	135.1	99.4
Sales and Related Occupations	56.5	60.4	61.9	54.2	58.8
Arts, Design, Entertainment, Sports, and Media Occupations	68.8	85.6	79.8	64.0	76.2
Protective Service Occupations	31.4	47.6	51.9	43.9	47.9
Community and Social Service Occupations	69.3	86.5	56.0	67.0	69.8
Office and Administrative Support Occupations	55.1	40.3	50.7	49.1	46.8
Military**	*Unable to calculate*				
Management Occupations	26.1	37.4	41.6	31.7	36.8
Architecture and Engineering Occupations	--	26.7	26.6	26.3	26.5
Healthcare Practitioners and Technical Occupations	33.2	--	41.6	28.1	29.1
Legal Occupations	--	--	--	--	--
Business and Financial Operations Occupations	27.3	19.9	22.5	12.6	18.3
Life, Physical, and Social Science Occupations	--	--	--	--	14.8
Computer and Mathematical Occupations	10.7	13.2	16.5	13.0	14.3
Educational Instruction and Library Occupations	--	--	--	--	11.3

*The working population is defined as 16 years old and older
**Denominator not available separately by sex for military occupations; therefore, we are unable to calculate rates for male and female.

 -- Data suppressed due to counts less than 11

Data sources: Numerator : 2019-2022 Maryland State Unintentional Drug Overdose Reporting System (SUDORS); Occupation classification: National Institute for Occupational Safety and Health (NIOSH) Industry and Occupation Computerized Coding System (NIOCCS); Denominator : United States Census Bureau American Communities Survey (ACS)

Estimated Overdose Death Rate per 100,000 Maryland Workers, 2019-2022*

Prepared October 2024 by the Center for Environmental, Occupational, and Injury Epidemiology

Occupation Classification	FEMALE Workers				
	2019	2020	2021	2022	2020 to 2022
Construction and Extraction Occupations	--	--	--	--	99.8
Installation, Maintenance, and Repair Occupations	--	--	--	--	--
Transportation and Material Moving Occupations	63.6	93.5	85.0	79.2	85.7
Food Preparation and Serving Related Occupations	93.3	116.9	117.3	94.1	109.5
Building and Grounds Cleaning and Maintenance Occupations	43.8	81.0	72.8	94.6	82.7
Farming, Fishing, and Forestry Occupations	0.0	--	--	--	--
Production Occupations	--	--	52.2	50.3	45.1
Personal Care and Service Occupations	50.5	41.4	74.4	36.0	49.3
Healthcare Support Occupations	69.2	79.2	66.1	72.6	72.7
Sales and Related Occupations	36.2	48.4	60.5	53.9	54.0
Arts, Design, Entertainment, Sports, and Media Occupations	--	--	41.0	--	30.2
Protective Service Occupations	--	--	--	--	31.5
Community and Social Service Occupations	--	30.5	--	35.8	28.2
Office and Administrative Support Occupations	28.3	19.6	27.8	32.2	26.3
Military**	Unable to calculate				
Management Occupations	10.4	11.6	12.6	12.5	12.3
Architecture and Engineering Occupations	--	--	--	--	--
Healthcare Practitioners and Technical Occupations	21.1	20.6	20.0	26.3	22.4
Legal Occupations	--	--	--	--	14.4
Business and Financial Operations Occupations	--	9.1	9.0	9.3	9.1
Life, Physical, and Social Science Occupations	0.0	--	--	--	--
Computer and Mathematical Occupations	--	--	--	--	--
Educational Instruction and Library Occupations	--	--	--	--	4.9

*The working population is defined as 16 years old and older
**Denominator not available separately by sex for military occupations; therefore, we are unable to calculate rates for male and female.

 -- Data suppressed due to counts less than 11

Data sources: Numerator : 2019-2022 Maryland State Unintentional Drug Overdose Reporting System (SUDORS); Occupation classification: National Institute for Occupational Safety and Health (NIOSH) Industry and Occupation Computerized Coding System (NIOCCS); Denominator : United States Census Bureau American Communities Survey (ACS)