

Drug Overdose Mortality by Usual Occupation and Industry: 46 U.S. States and New York City, 2020

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Table I–1. Drug overdose proportionate mortality ratios among U.S. decedents aged 15–64 among census occupation groups with 20 deaths or more from drug overdoses: 46 states and New York City, 2020

Usual occupation group	Total deaths	Drug overdose deaths N (percent)	Age-adjusted drug overdose proportionate mortality ratio (95% confidence interval)
Total	605,947	60,126 (9.9)	100.0 ...
Management occupations			
Chief executives	2,419	109 (4.5)	61.9 (50.8–74.7)
General and operations managers	2,623	135 (5.1)	60.0 (50.3–71.0)
Legislators	57	* ...	* ...
Advertising and promotions managers	61	* ...	* ...
Marketing and sales managers	1,503	98 (6.5)	68.2 (55.4–83.1)
Public relations and fundraising managers	75	–	* ...
Administrative services managers	295	11 (3.7)	* ...
Computer and information systems managers	1,146	47 (4.1)	46.4 (34.1–61.8)
Financial managers	2,513	127 (5.1)	60.0 (50.0–71.4)
Compensation and benefits managers	23	* ...	* ...
Human resources managers	404	15 (3.7)	* ...
Training and development managers	52	* ...	* ...
Industrial production managers	765	30 (3.9)	51.1 (34.5–73.0)
Purchasing managers	376	19 (5.1)	* ...
Transportation, storage, and distribution managers	1,560	100 (6.4)	72.0 (58.5–87.5)
Farmers, ranchers, and other agricultural managers	4,133	159 (3.8)	49.0 (41.6–57.2)
Construction managers	5,417	513 (9.5)	113.8 (104.1–124.0)
Education administrators	1,545	28 (1.8)	22.4 (14.9–32.4)
Architectural and engineering managers	143	* ...	* ...
Food service managers	5,160	443 (8.6)	79.6 (72.3–87.3)
Funeral service managers	5	–	* ...
Gaming managers	102	11 (10.8)	* ...
Lodging managers	660	57 (8.6)	95.1 (72.0–123.2)
Medical and health services managers	2,025	106 (5.2)	62.3 (51.0–75.3)
Natural sciences managers	7	* ...	* ...
Postmasters and mail superintendents	140	* ...	* ...
Property, real estate, and community association managers	2,109	154 (7.3)	87.8 (74.5–102.8)
Social and community service managers	629	32 (5.1)	57.8 (39.5–81.6)
Emergency management directors	30	–	* ...
Managers, all other	11,845	706 (6.0)	70.2 (65.1–75.6)
Business and financial operations occupations			
Agents and business managers of artists, performers, and athletes	142	18 (12.7)	* ...
Buyers and purchasing agents, farm products	50	* ...	* ...
Wholesale and retail buyers, except farm products	630	46 (7.3)	74.2 (54.3–98.9)
Purchasing agents, except wholesale, retail, and farm products	597	25 (4.2)	57.4 (37.1–84.7)
Claims adjusters, appraisers, examiners, and investigators	809	44 (5.4)	66.9 (48.6–89.7)
Compliance officers	434	19 (4.4)	* ...
Cost estimators	262	15 (5.7)	* ...
Human resources workers	1,369	82 (6.0)	62.8 (50.0–78.0)
Compensation, benefits, and job analysis specialists	91	* ...	* ...
Training and development specialists	144	* ...	* ...
Logisticians	501	44 (8.8)	78.1 (56.8–104.9)
Management analysts	810	44 (5.4)	57.6 (41.8–77.3)
Meeting, convention, and event planners	162	13 (8.0)	* ...
Fundraisers	52	* ...	* ...
Market research analysts and marketing specialists	702	71 (10.1)	84.1 (65.6–106.0)
Business operations specialists, all other	599	39 (6.5)	70.3 (50.0–96.0)
Accountants and auditors	4,483	208 (4.6)	58.2 (50.6–66.7)
Appraisers and assessors of real estate	214	11 (5.1)	* ...
Budget analysts	69	* ...	* ...
Credit analysts	51	* ...	* ...
Financial analysts	249	15 (6.0)	* ...
Personal financial advisors	734	48 (6.5)	69.7 (51.4–92.4)
Insurance underwriters	245	* ...	* ...
Financial examiners	6	–	* ...
Credit counselors and loan officers	946	74 (7.8)	83.1 (65.3–104.3)
Tax examiners and collectors, and revenue agents	305	12 (3.9)	* ...
Tax preparers	342	27 (7.9)	84.3 (55.5–122.6)
Financial specialists, all other	210	* ...	* ...

See footnotes at end of table.

Table I-1. Drug overdose proportionate mortality ratios among U.S. decedents aged 15–64 among census occupation groups with 20 deaths or more from drug overdoses: 46 states and New York City, 2020—Con.

Usual occupation group	Total deaths	Drug overdose deaths <i>N</i> (percent)	Age-adjusted drug overdose proportionate mortality ratio (95% confidence interval)
Computer and mathematical occupations			
Computer and information research scientists	93	* ...	* ...
Computer systems analysts	1,276	66 (5.2)	55.6 (43.0–70.8)
Information security analysts	154	5 (3.2)	* ...
Computer programmers	1,309	82 (6.3)	76.5 (60.9–95.0)
Software developers, applications and systems software	1,526	70 (4.6)	43.8 (34.2–55.4)
Web developers	254	27 (10.6)	81.2 (53.5–118.1)
Computer support specialists	681	48 (7.0)	67.3 (49.6–89.2)
Database administrators	124	* ...	* ...
Network and computer systems administrators	487	22 (4.5)	49.3 (30.9–74.6)
Computer network architects	228	13 (5.7)	* ...
Computer occupations, all other	2,275	157 (6.9)	64.6 (54.9–75.5)
Actuaries	38	* ...	* ...
Mathematicians	7	–	* ...
Operations research analysts	331	14 (4.2)	* ...
Statisticians	33	* ...	* ...
Miscellaneous mathematical science occupations	–	–	* ...
Architecture and engineering occupations			
Architects, except naval	514	35 (6.8)	85.4 (59.5–118.8)
Surveyors, cartographers, and photogrammetrists	436	39 (8.9)	98.1 (69.8–134.1)
Aerospace engineers	349	9 (2.6)	* ...
Agricultural engineers	18	* ...	* ...
Biomedical engineers	89	* ...	* ...
Chemical engineers	258	12 (4.7)	* ...
Civil engineers	1,212	62 (5.1)	63.4 (48.6–81.3)
Computer hardware engineers	348	21 (6.0)	72.5 (44.9–110.9)
Electrical and electronics engineers	998	40 (4.0)	56.9 (40.7–77.5)
Environmental engineers	131	* ...	* ...
Industrial engineers, including health and safety	569	24 (4.2)	59.1 (37.9–88.0)
Marine engineers and naval architects	60	* ...	* ...
Materials engineers	71	* ...	* ...
Mechanical engineers	1,013	34 (3.4)	40.8 (28.3–57.0)
Mining and geological engineers, including mining safety engineers	29	* ...	* ...
Nuclear engineers	26	–	* ...
Petroleum engineers	129	* ...	* ...
Engineers, all other	1,172	49 (4.2)	56.4 (41.7–74.6)
Drafters	550	30 (5.5)	71.7 (48.4–102.3)
Engineering technicians, except drafters	1,724	117 (6.8)	78.6 (65.0–94.2)
Surveying and mapping technicians	36	* ...	* ...
Life, physical, and social science occupations			
Agricultural and food scientists	357	54 (15.1)	112.5 (84.5–146.8)
Biological scientists	228	15 (6.6)	* ...
Conservation scientists and foresters	107	* ...	* ...
Medical scientists	154	* ...	* ...
Life scientists, all other	–	–	* ...
Astronomers and physicists	48	* ...	* ...
Atmospheric and space scientists	27	–	* ...
Chemists and materials scientists	355	19 (5.4)	* ...
Environmental scientists and geoscientists	325	27 (8.3)	109.7 (72.3–159.6)
Physical scientists, all other	225	4 (1.8)	* ...
Economists	61	* ...	* ...
Survey researchers	3	–	* ...
Psychologists	319	26 (8.2)	97.0 (63.4–142.2)
Sociologists	9	–	* ...
Urban and regional planners	48	* ...	* ...
Miscellaneous social scientists and related workers	167	14 (8.4)	* ...

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Usual occupation group	Total deaths	Drug overdose deaths N (percent)	Age-adjusted drug overdose proportionate mortality ratio (95% confidence interval)
Life, physical, and social science occupations—Con.			
Agricultural and food science technicians	170	12 (7.1)	* ...
Biological technicians	25	* ...	* ...
Chemical technicians	221	* ...	* ...
Geological and petroleum technicians	96	10 (10.4)	* ...
Nuclear technicians	23	* ...	* ...
Social science research assistants	2	—	* ...
Miscellaneous life, physical, and social science technicians	367	32 (8.7)	80.0 (54.7–113.0)
Community and social service occupations			
Counselors	2,335	284 (12.2)	124.6 (110.6–140.0)
Social workers	2,652	173 (6.5)	73.5 (63.0–85.3)
Probation officers and correctional treatment specialists	265	* ...	* ...
Social and human service assistants	395	31 (7.8)	81.9 (55.7–116.3)
Miscellaneous community and social service specialists, including health educators and community health workers	282	19 (6.7)	* ...
Clergy	1,887	36 (1.9)	29.2 (20.5–40.4)
Directors, religious activities and education	82	* ...	* ...
Religious workers, all other	254	8 (3.1)	* ...
Legal occupations			
Lawyers	1,909	118 (6.2)	74.4 (61.6–89.1)
Judicial law clerks	30	* ...	* ...
Judges, magistrates, and other judicial workers	114	* ...	* ...
Paralegals and legal assistants	1,125	104 (9.2)	100.6 (82.2–121.9)
Miscellaneous legal support workers	509	44 (8.6)	103.8 (75.4–139.3)
Education, training, and library occupations			
Postsecondary teachers	1,335	50 (3.7)	47.8 (35.5–63.1)
Preschool and kindergarten teachers	845	42 (5.0)	48.1 (34.7–65.1)
Elementary and middle school teachers	7,928	275 (3.5)	41.2 (36.5–46.4)
Secondary school teachers	880	23 (2.6)	29.5 (18.7–44.3)
Special education teachers	553	14 (2.5)	* ...
Other teachers and instructors	896	53 (5.9)	63.3 (47.4–82.8)
Archivists, curators, and museum technicians	84	* ...	* ...
Librarians	405	15 (3.7)	* ...
Library technicians	65	* ...	* ...
Teacher assistants	2,196	63 (2.9)	34.4 (26.4–44.0)
Other education, training, and library workers	72	* ...	* ...
Arts, design, entertainment, sports, and media occupations			
Artists and related workers	1,973	300 (15.2)	125.2 (111.5–140.2)
Designers	2,332	174 (7.5)	75.5 (64.7–87.6)
Actors	259	31 (12.0)	91.5 (62.2–129.9)
Producers and directors	468	58 (12.4)	98.4 (74.7–127.2)
Athletes, coaches, umpires, and related workers	941	110 (11.7)	93.1 (76.5–112.2)
Dancers and choreographers	101	21 (20.8)	120.6 (74.7–184.4)
Musicians, singers, and related workers	2,375	326 (13.7)	111.5 (99.7–124.3)
Entertainers and performers, sports and related workers, all other	512	67 (13.1)	98.2 (76.1–124.7)
Announcers	478	25 (5.2)	50.1 (32.4–74.0)
News analysts, reporters and correspondents	272	18 (6.6)	* ...
Public relations specialists	181	19 (10.5)	* ...
Editors	199	5 (2.5)	* ...
Technical writers	101	* ...	* ...
Writers and authors	783	68 (8.7)	82.9 (64.4–105.1)
Miscellaneous media and communication workers	203	14 (6.9)	* ...
Broadcast and sound engineering technicians and radio operators	444	53 (11.9)	107.1 (80.2–140.0)
Photographers	605	56 (9.3)	81.6 (61.7–106.0)
Television, video, and motion picture camera operators and editors	173	22 (12.7)	105.3 (66.0–159.4)
Media and communication equipment workers, all other	2	—	* ...

Table I–1. Drug overdose proportionate mortality ratios among U.S. decedents aged 15–64 among census occupation groups with 20 deaths or more from drug overdoses: 46 states and New York City, 2020—Con.

Usual occupation group	Total deaths	Drug overdose deaths <i>N</i> (percent)	Age-adjusted drug overdose proportionate mortality ratio (95% confidence interval)
Healthcare practitioners and technical occupations			
Chiropractors	192	11 (5.7)	* ...
Dentists	286	13 (4.5)	* ...
Dietitians and nutritionists	534	20 (3.7)	48.5 (29.6–74.9)
Optometrists	70	* ...	* ...
Pharmacists	481	18 (3.7)	* ...
Physicians and surgeons	1,410	62 (4.4)	55.1 (42.3–70.7)
Physician assistants	192	20 (10.4)	109.2 (66.7–168.6)
Podiatrists	22	* ...	* ...
Audiologists	17	–	* ...
Occupational therapists	178	* ...	* ...
Physical therapists	271	16 (5.9)	* ...
Radiation therapists	30	* ...	* ...
Recreational therapists	49	* ...	* ...
Respiratory therapists	393	22 (5.6)	75.8 (47.5–114.8)
Speech-language pathologists	184	* ...	* ...
Exercise physiologists	9	* ...	* ...
Therapists, all other	321	31 (9.7)	96.7 (65.7–137.3)
Veterinarians	142	11 (7.7)	* ...
Registered nurses	9,254	681 (7.4)	95.5 (88.4–102.9)
Nurse anesthetists	60	9 (15.0)	* ...
Nurse midwives	5	* ...	* ...
Nurse practitioners	279	16 (5.7)	* ...
Health diagnosing and treating practitioners, all other	104	* ...	* ...
Clinical laboratory technologists and technicians	925	71 (7.7)	85.4 (66.7–107.7)
Dental hygienists	281	27 (9.6)	104.0 (68.5–151.3)
Diagnostic-related technologists and technicians	732	48 (6.6)	77.2 (56.9–102.3)
Emergency medical technicians and paramedics	1,006	95 (9.4)	87.0 (70.4–106.3)
Health practitioner support technologists and technicians	1,921	205 (10.7)	91.3 (79.2–104.7)
Licensed practical and licensed vocational nurses	2,226	158 (7.1)	90.9 (77.2–106.2)
Medical records and health information technicians	279	12 (4.3)	* ...
Opticians, dispensing	182	18 (9.9)	* ...
Miscellaneous health technologists and technicians	521	38 (7.3)	78.2 (55.3–107.3)
Other healthcare practitioners and technical occupations	154	* ...	* ...
Healthcare support occupations			
Nursing, psychiatric, and home health aides	12,908	1,176 (9.1)	93.9 (89.0–98.9)
Occupational therapy assistants and aides	57	* ...	* ...
Physical therapist assistants and aides	126	* ...	* ...
Massage therapists	481	63 (13.1)	107.9 (82.9–138.1)
Dental assistants	713	92 (12.9)	110.1 (88.8–135.1)
Medical assistants	1,468	210 (14.3)	111.0 (96.5–127.0)
Medical transcriptionists	263	18 (6.8)	* ...
Pharmacy aides	75	* ...	* ...
Veterinary assistants and laboratory animal caretakers	101	13 (12.9)	* ...
Phlebotomists	539	50 (9.3)	88.3 (65.5–116.3)
Healthcare support workers, all other, including medical equipment preparers	435	33 (7.6)	80.5 (55.4–113.0)
Protective service occupations			
First-line supervisors of correctional officers	136	1 (0.7)	* ...
First-line supervisors of police and detectives	402	4 (1.0)	* ...
First-line supervisors of firefighting and prevention workers	176	* ...	* ...
First-line supervisors of protective service workers, all other	318	15 (4.7)	* ...
Firefighters	1,106	59 (5.3)	54.7 (41.6–70.5)
Fire inspectors	64	* ...	* ...
Bailiffs, correctional officers, and jailers	2,298	87 (3.8)	44.2 (35.4–54.5)
Detectives and criminal investigators	420	5 (1.2)	* ...
Fish and game wardens	29	* ...	* ...
Parking enforcement workers	20	* ...	* ...
Police and sheriff's patrol officers	2,883	75 (2.6)	31.9 (25.1–40.0)
Transit and railroad police	4	–	* ...
Animal control workers	61	* ...	* ...
Private detectives and investigators	215	17 (7.9)	* ...

See footnotes at end of table.

Table I-1. Drug overdose proportionate mortality ratios among U.S. decedents aged 15-64 among census occupation groups with 20 deaths or more from drug overdoses: 46 states and New York City, 2020—Con.

Usual occupation group	Total deaths	Drug overdose deaths N (percent)	Age-adjusted drug overdose proportionate mortality ratio (95% confidence interval)
Protective service occupations—Con.			
Security guards and gaming surveillance officers	6,389	409 (6.4)	59.5 (53.8–65.5)
Crossing guards	321	39 (12.1)	125.5 (89.2–171.5)
Transportation security screeners	96	* ...	* ...
Lifeguards and other recreational, and all other protective service workers	183	19 (10.4)	* ...
Food preparation and serving-related occupations			
Chefs and head cooks	6,542	1,001 (15.3)	129.6 (123.3–135.9)
First-line supervisors of food preparation and serving workers	1,882	184 (9.8)	84.9 (73.1–98.1)
Cooks	13,303	2,023 (15.2)	119.2 (115.1–123.4)
Food preparation workers	1,380	204 (14.8)	109.2 (94.8–125.3)
Bartenders	2,252	369 (16.4)	128.3 (115.5–142.0)
Combined food preparation and serving workers, including fast food	1,081	181 (16.7)	117.2 (100.7–135.6)
Counter attendants, cafeteria, food concession, and coffee shop	248	42 (16.9)	121.3 (87.4–164.0)
Waiters and waitresses	8,327	2,101 (25.2)	168.4 (163.6–173.2)
Food servers, nonrestaurant	570	56 (9.8)	91.2 (68.9–118.4)
Dining room and cafeteria attendants and bartender helpers	735	61 (8.3)	81.4 (62.2–104.5)
Dishwashers	1,021	114 (11.2)	90.9 (75.0–109.2)
Hosts and hostesses, restaurant, lounge, and coffee shop	452	101 (22.3)	141.7 (115.4–172.1)
Food preparation and serving-related workers, all other	161	24 (14.9)	101.9 (65.3–151.6)
Building and grounds cleaning and maintenance occupations			
First-line supervisors of housekeeping and janitorial workers	1,646	111 (6.7)	86.9 (71.5–104.7)
First-line supervisors of landscaping, lawn service, and groundskeeping workers	1,193	140 (11.7)	113.6 (95.6–134.1)
Janitors and building cleaners	13,208	956 (7.2)	87.5 (82.0–93.2)
Maids and housekeeping cleaners	6,200	504 (8.1)	93.5 (85.5–102.0)
Pest control workers	414	42 (10.1)	104.7 (75.5–141.6)
Grounds maintenance workers	9,390	1,635 (17.4)	135.8 (130.8–140.8)
Personal care and service occupations			
First-line supervisors of gaming workers	96	* ...	* ...
First-line supervisors of personal service workers	427	36 (8.4)	90.7 (63.5–125.5)
Animal trainers	291	37 (12.7)	111.6 (78.6–153.9)
Nonfarm animal caretakers	692	126 (18.2)	146.9 (122.3–174.9)
Gaming services workers	468	42 (9.0)	93.3 (67.3–126.1)
Motion picture projectionists	45	* ...	* ...
Ushers, lobby attendants, and ticket takers	51	* ...	* ...
Miscellaneous entertainment attendants and related workers	358	49 (13.7)	119.4 (88.3–157.9)
Embalmers and funeral attendants	93	* ...	* ...
Morticians, undertakers, and funeral directors	237	* ...	* ...
Barbers	1,052	242 (23.0)	147.3 (129.3–167.1)
Hairdressers, hairstylists, and cosmetologists	3,765	531 (14.1)	129.0 (118.3–140.5)
Miscellaneous personal appearance workers	637	80 (12.6)	100.4 (79.6–125.0)
Baggage porters, bellhops, and concierges	531	47 (8.9)	89.6 (65.9–119.2)
Tour and travel guides	133	17 (12.8)	* ...
Childcare workers	3,230	181 (5.6)	59.8 (51.4–69.1)
Personal care aides	7,521	766 (10.2)	102.9 (95.7–110.4)
Recreation and fitness workers	863	117 (13.6)	107.5 (88.9–128.9)
Residential advisors	107	15 (14.0)	* ...
Personal care and service workers, all other	611	164 (26.8)	153.4 (130.8–178.8)
Sales and related occupations			
First-line supervisors of retail sales workers	11,495	746 (6.5)	70.9 (65.9–76.2)
First-line supervisors of non-retail sales workers	1,920	121 (6.3)	71.7 (59.5–85.7)
Cashiers	6,259	781 (12.5)	96.7 (90.0–103.7)
Counter and rental clerks	221	22 (10.0)	101.1 (63.3–153.0)
Parts salespersons	613	38 (6.2)	64.2 (45.4–88.1)
Retail salespersons	16,122	2,069 (12.8)	114.5 (110.4–118.5)
Advertising sales agents	273	26 (9.5)	112.9 (73.8–165.5)
Insurance sales agents	1,654	138 (8.3)	84.0 (70.5–99.2)
Securities, commodities, and financial services sales agents	592	63 (10.6)	116.4 (89.4–148.9)
Travel agents	294	21 (7.1)	91.9 (56.9–140.5)
Sales representatives, services, all other	1,469	202 (13.8)	124.0 (107.5–142.4)
Sales representatives, wholesale and manufacturing	2,565	212 (8.3)	89.7 (78.0–102.6)

See footnotes at end of table.

Table I-1. Drug overdose proportionate mortality ratios among U.S. decedents aged 15–64 among census occupation groups with 20 deaths or more from drug overdoses: 46 states and New York City, 2020—Con.

Usual occupation group	Total deaths	Drug overdose deaths N (percent)	Age-adjusted drug overdose proportionate mortality ratio (95% confidence interval)
Sales and related occupations—Con.			
Models, demonstrators, and product promoters	86	18 (20.9)	* ...
Real estate brokers and sales agents	2,321	204 (8.8)	101.7 (88.2–116.7)
Sales engineers	46	* ...	* ...
Telemarketers	510	113 (22.2)	154.4 (127.2–185.6)
Door-to-door sales workers, news and street vendors, and related workers	431	40 (9.3)	95.0 (67.9–129.4)
Sales and related workers, all other	734	86 (11.7)	107.0 (85.6–132.2)
Office and administrative support occupations			
First-line supervisors of office and administrative support workers	3,902	182 (4.7)	57.9 (49.8–66.9)
Switchboard operators, including answering service	202	21 (10.4)	98.8 (61.2–151.0)
Telephone operators	222	13 (5.9)	* ...
Communications equipment operators, all other	14	* ...	* ...
Bill and account collectors	439	44 (10.0)	100.8 (73.2–135.3)
Billing and posting clerks	1,109	60 (5.4)	58.8 (44.9–75.7)
Bookkeeping, accounting, and auditing clerks	2,579	108 (4.2)	59.2 (48.5–71.4)
Gaming cage workers	10	–	* ...
Payroll and timekeeping clerks	250	15 (6.0)	* ...
Procurement clerks	58	* ...	* ...
Tellers	713	42 (5.9)	63.4 (45.7–85.7)
Financial clerks, all other	84	11 (13.1)	* ...
Brokerage clerks	10	–	* ...
Correspondence clerks	–	–	* ...
Court, municipal, and license clerks	224	* ...	* ...
Credit authorizers, checkers, and clerks	36	* ...	* ...
Customer service representatives	6,904	699 (10.1)	82.1 (76.1–88.4)
Eligibility interviewers, government programs	95	* ...	* ...
File clerks	391	18 (4.6)	* ...
Hotel, motel, and resort desk clerks	332	53 (16.0)	112.4 (84.2–147.1)
Interviewers, except eligibility and loan	279	14 (5.0)	* ...
Library assistants, clerical	142	* ...	* ...
Loan interviewers and clerks	193	18 (9.3)	* ...
New accounts clerks	13	* ...	* ...
Order clerks	42	* ...	* ...
Human resources assistants, except payroll and timekeeping	117	10 (8.5)	* ...
Receptionists and information clerks	1,455	134 (9.2)	82.0 (68.7–97.2)
Reservation and transportation ticket agents and travel clerks	440	42 (9.5)	94.0 (67.7–127.0)
Information and record clerks, all other	363	28 (7.7)	77.4 (51.4–111.9)
Cargo and freight agents	68	* ...	* ...
Couriers and messengers	1,410	136 (9.6)	84.7 (71.1–100.2)
Dispatchers	1,275	72 (5.6)	61.3 (48.0–77.2)
Meter readers, utilities	100	* ...	* ...
Postal service clerks	1,092	35 (3.2)	52.1 (36.3–72.5)
Postal service mail carriers	1,041	54 (5.2)	68.5 (51.4–89.4)
Postal service mail sorters, processors, and processing machine operators	224	16 (7.1)	* ...
Production, planning, and expediting clerks	520	27 (5.2)	58.5 (38.5–85.1)
Shipping, receiving, and traffic clerks	1,708	167 (9.8)	90.8 (77.6–105.7)
Stock clerks and order fillers	4,036	385 (9.5)	79.4 (71.7–87.7)
Weighers, measurers, checkers, and samplers, recordkeeping	89	* ...	* ...
Secretaries and administrative assistants	6,853	359 (5.2)	73.7 (66.2–81.7)
Computer operators	223	* ...	* ...
Data entry keyers	517	32 (6.2)	74.4 (50.9–105.0)
Word processors and typists	71	* ...	* ...
Desktop publishers	3	–	* ...
Insurance claims and policy processing clerks	611	42 (6.9)	63.7 (45.9–86.1)
Mail clerks and mail machine operators, except postal service	231	* ...	* ...
Office clerks, general	3,817	260 (6.8)	80.9 (71.4–91.4)
Office machine operators, except computer	54	* ...	* ...
Proofreaders and copy markers	21	–	* ...
Statistical assistants	25	* ...	* ...
Office and administrative support workers, all other	1,755	109 (6.2)	65.8 (54.1–79.4)

Table I-1. Drug overdose proportionate mortality ratios among U.S. decedents aged 15-64 among census occupation groups with 20 deaths or more from drug overdoses: 46 states and New York City, 2020—Con.

Usual occupation group	Total deaths	Drug overdose deaths N (percent)	Age-adjusted drug overdose proportionate mortality ratio (95% confidence interval)
Farming, fishing, and forestry occupations			
First-line supervisors of farming, fishing, and forestry workers	240	* ...	* ...
Agricultural inspectors	50	* ...	* ...
Animal breeders	76	* ...	* ...
Graders and sorters, agricultural products	89	* ...	* ...
Miscellaneous agricultural workers	3,899	234 (6.0)	57.7 (50.5-65.6)
Fishers and related fishing workers	963	193 (20.0)	193.1 (166.8-222.4)
Hunters and trappers	3	—	* ...
Forest and conservation workers	98	25 (25.5)	177.1 (114.6-261.4)
Logging workers	1,136	66 (5.8)	69.2 (53.5-88.0)
Construction and extraction occupations			
First-line supervisors of construction trades and extraction workers	6,493	747 (11.5)	125.2 (116.3-134.5)
Boilermakers	258	23 (8.9)	104.7 (66.4-157.1)
Brickmasons, blockmasons, and stonemasons	1,979	283 (14.3)	159.5 (141.4-179.2)
Carpenters	12,003	1,821 (15.2)	158.6 (153.4-163.8)
Carpet, floor, and tile installers and finishers	1,449	232 (16.0)	147.6 (129.2-167.9)
Cement masons, concrete finishers, and terrazzo workers	703	107 (15.2)	157.0 (128.6-189.7)
Construction laborers	28,898	5,205 (18.0)	148.0 (145.1, 150.9)
Paving, surfacing, and tamping equipment operators	143	22 (15.4)	151.7 (95.1-229.7)
Pile-driver operators	17	* ...	* ...
Operating engineers and other construction equipment operators	3,398	341 (10.0)	107.3 (96.2-119.3)
Drywall installers, ceiling tile installers, and tapers	983	160 (16.3)	175.1 (149.0-204.4)
Electricians	6,074	860 (14.2)	135.7 (126.8-145.1)
Glaziers	375	55 (14.7)	139.2 (104.9-181.2)
Insulation workers	234	38 (16.2)	153.7 (108.8-211.0)
Painters, construction and maintenance	4,990	768 (15.4)	162.1 (150.9-174.0)
Paperhangers	21	* ...	* ...
Pipelayers, plumbers, pipefitters, and steamfitters	4,439	637 (14.4)	138.5 (128.0-149.7)
Plasterers and stucco masons	185	23 (12.4)	157.2 (99.6-235.9)
Reinforcing iron and rebar workers	8	—	* ...
Roofers	2,977	609 (20.5)	177.4 (163.6-192.0)
Sheet metal workers	793	121 (15.3)	155.5 (129.0-185.8)
Structural iron and steel workers	748	122 (16.3)	159.5 (132.4-190.4)
Solar photovoltaic installers	33	* ...	* ...
Helpers, construction trades	136	32 (23.5)	156.5 (107.0-220.9)
Construction and building inspectors	324	21 (6.5)	81.6 (50.5-124.8)
Elevator installers and repairers	151	20 (13.2)	138.9 (84.8-214.5)
Fence erectors	154	29 (18.8)	141.2 (94.6-202.8)
Hazardous materials removal workers	159	24 (15.1)	149.8 (96.0-222.9)
Highway maintenance workers	577	50 (8.7)	102.5 (76.1-135.1)
Rail-track laying and maintenance equipment operators	58	* ...	* ...
Septic tank servicers and sewer pipe cleaners	25	* ...	* ...
Miscellaneous construction and related workers	107	21 (19.6)	147.3 (91.2-225.1)
Derrick, rotary drill, and service unit operators, oil, gas, and mining	407	34 (8.4)	77.4 (53.6-108.1)
Earth drillers, except oil and gas	174	20 (11.5)	102.8 (62.8-158.8)
Explosives workers, ordnance handling experts, and blasters	41	* ...	* ...
Mining machine operators	808	71 (8.8)	114.3 (89.3-144.2)
Roof bolters, mining	4	* ...	* ...
Roustabouts, oil and gas	108	12 (11.1)	* ...
Helpers—extraction workers	99	* ...	* ...
Other extraction workers	1,013	120 (11.8)	97.7 (81.0-116.8)
Installation, maintenance, and repair occupations			
First-line supervisors of mechanics, installers, and repairers	1,198	56 (4.7)	63.5 (48.0-82.5)
Computer, automated teller, and office machine repairers	1,338	134 (10.0)	99.0 (83.0-117.3)
Radio and telecommunications equipment installers and repairers	827	81 (9.8)	100.4 (79.7-124.8)
Avionics technicians	74	* ...	* ...
Electric motor, power tool, and related repairers	44	* ...	* ...
Electrical and electronics installers and repairers, transportation equipment	4	* ...	* ...
Electrical and electronics repairers, industrial and utility	114	10 (8.8)	* ...
Electronic equipment installers and repairers, motor vehicles	76	* ...	* ...
Electronic home entertainment equipment installers and repairers	195	26 (13.3)	135.0 (88.2-197.8)

See footnotes at end of table.

Table I-1. Drug overdose proportionate mortality ratios among U.S. decedents aged 15-64 among census occupation groups with 20 deaths or more from drug overdoses: 46 states and New York City, 2020—Con.

Usual occupation group	Total deaths	Drug overdose deaths N (percent)	Age-adjusted drug overdose proportionate mortality ratio (95% confidence interval)
Installation, maintenance, and repair occupations—Con.			
Security and fire alarm systems installers	208	25 (12.0)	108.4 (70.1–160.0)
Aircraft mechanics and service technicians	914	50 (5.5)	67.1 (49.8–88.4)
Automotive body and related repairers	1,539	176 (11.4)	136.8 (117.3–158.5)
Automotive glass installers and repairers	65	12 (18.5)	* ...
Automotive service technicians and mechanics	11,019	1,221 (11.1)	114.3 (108.9–119.7)
Bus and truck mechanics and diesel engine specialists	1,702	137 (8.0)	82.3 (69.1–97.3)
Heavy vehicle and mobile equipment service technicians and mechanics	940	77 (8.2)	93.9 (74.1–117.4)
Small engine mechanics	361	34 (9.4)	104.5 (72.4–146.0)
Miscellaneous vehicle and mobile equipment mechanics, installers, and repairers	446	44 (9.9)	79.3 (57.6–106.5)
Control and valve installers and repairers	167	17 (10.2)	* ...
Heating, air conditioning, and refrigeration mechanics and installers	2,527	429 (17.0)	146.6 (133.1–161.2)
Home appliance repairers	204	17 (8.3)	* ...
Industrial and refractory machinery mechanics	2,099	144 (6.9)	85.0 (71.7–100.1)
Maintenance and repair workers, general	3,587	264 (7.4)	83.8 (74.0–94.5)
Maintenance workers, machinery	52	* ...	* ...
Millwrights	452	34 (7.5)	89.8 (62.2–125.5)
Electrical power-line installers and repairers	581	56 (9.6)	86.8 (65.6–112.8)
Telecommunications line installers and repairers	517	61 (11.8)	109.0 (83.4–140.1)
Precision instrument and equipment repairers	162	* ...	* ...
Wind turbine service technicians	20	* ...	* ...
Coin, vending, and amusement machine servicers and repairers	93	* ...	* ...
Commercial divers	41	11 (26.8)	* ...
Locksmiths and safe repairers	192	18 (9.4)	* ...
Manufactured building and mobile home installers	31	* ...	* ...
Riggers	144	18 (12.5)	* ...
Signal and track switch repairers	29	–	* ...
Helpers—installation, maintenance, and repair workers	140	27 (19.3)	159.9 (105.4–232.7)
Other installation, maintenance, and repair workers	661	97 (14.7)	126.3 (102.5–154.1)
Production occupations			
First-line supervisors of production and operating workers	2,977	148 (5.0)	59.5 (50.3–69.8)
Aircraft structure, surfaces, rigging, and systems assemblers	24	* ...	* ...
Electrical, electronics, and electromechanical assemblers	348	15 (4.3)	* ...
Engine and other machine assemblers	48	5 (10.4)	* ...
Structural metal fabricators and fitters	390	32 (8.2)	98.7 (67.5–139.3)
Miscellaneous assemblers and fabricators	4,753	391 (8.2)	85.1 (76.9–94.0)
Bakers	1,139	94 (8.3)	92.3 (74.6–113.0)
Butchers and other meat, poultry, and fish processing workers	1,361	114 (8.4)	93.3 (76.9–112.0)
Food and tobacco roasting, baking, and drying machine operators and tenders	48	* ...	* ...
Food batchmakers	261	23 (8.8)	89.0 (56.4–133.5)
Food cooking machine operators and tenders	72	10 (13.9)	* ...
Food processing workers, all other	665	57 (8.6)	78.6 (59.6–101.9)
Computer control programmers and operators	252	34 (13.5)	124.0 (85.9–173.2)
Extruding and drawing machine setters, operators, and tenders, metal and plastic	21	* ...	* ...
Forging machine setters, operators, and tenders, metal and plastic	35	–	* ...
Rolling machine setters, operators, and tenders, metal and plastic	22	* ...	* ...
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic	338	24 (7.1)	79.9 (51.2–118.9)
Drilling and boring machine tool setters, operators, and tenders, metal and plastic	11	* ...	* ...
Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic	188	* ...	* ...
Lathe and turning machine tool setters, operators, and tenders, metal and plastic	28	* ...	* ...
Milling and planing machine setters, operators, and tenders, metal and plastic	16	* ...	* ...
Machinists	3,904	326 (8.4)	107.8 (96.4–120.1)
Metal furnace operators, tenders, pourers, and casters	59	* ...	* ...
Model makers and patternmakers, metal and plastic	32	* ...	* ...
Molders and molding machine setters, operators, and tenders, metal and plastic	215	18 (8.4)	* ...
Multiple machine tool setters, operators, and tenders, metal and plastic	34	* ...	* ...
Tool and die makers	453	25 (5.5)	93.4 (60.5–137.9)
Welding, soldering, and brazing workers	5,717	664 (11.6)	109.5 (101.4–118.2)
Heat treating equipment setters, operators, and tenders, metal and plastic	43	* ...	* ...
Layout workers, metal and plastic	28	–	* ...

See footnotes at end of table.

Table I-1. Drug overdose proportionate mortality ratios among U.S. decedents aged 15–64 among census occupation groups with 20 deaths or more from drug overdoses: 46 states and New York City, 2020—Con.

Usual occupation group	Total deaths	Drug overdose deaths <i>N</i> (percent)	Age-adjusted drug overdose proportionate mortality ratio (95% confidence interval)
Production occupations—Con.			
Plating and coating machine setters, operators, and tenders, metal and plastic	76	* ...	* ...
Tool grinders, filers, and sharpeners	14	* ...	* ...
Metal workers and plastic workers, all other	1,160	94 (8.1)	82.3 (66.5–100.7)
Prepress technicians and workers	67	* ...	* ...
Printing press operators	1,479	115 (7.8)	113.7 (93.8–136.4)
Print binding and finishing workers	73	* ...	* ...
Laundry and drycleaning workers	592	47 (7.9)	98.3 (72.2–130.7)
Pressers, textile, garment, and related materials	181	14 (7.7)	* ...
Sewing machine operators	992	34 (3.4)	55.3 (38.3–77.3)
Shoe and leather workers and repairers	83	* ...	* ...
Shoe machine operators and tenders	45	* ...	* ...
Tailors, dressmakers, and sewers	360	15 (4.2)	* ...
Textile bleaching and dyeing machine operators and tenders	9	* ...	* ...
Textile cutting machine setters, operators, and tenders	20	* ...	* ...
Textile knitting and weaving machine setters, operators, and tenders	97	* ...	* ...
Textile winding, twisting, and drawing out machine setters, operators, and tenders	65	* ...	* ...
Extruding and forming machine setters, operators, and tenders, synthetic and glass fibers	6	* ...	* ...
Fabric and apparel patternmakers	5	–	* ...
Upholsterers	231	18 (7.8)	* ...
Textile, apparel, and furnishings workers, all other	289	11 (3.8)	* ...
Cabinetmakers and bench carpenters	216	11 (5.1)	* ...
Furniture finishers	78	* ...	* ...
Model makers and patternmakers, wood	4	–	* ...
Sawing machine setters, operators, and tenders, wood	143	11 (7.7)	* ...
Woodworking machine setters, operators, and tenders, except sawing	46	* ...	* ...
Woodworkers, all other	228	20 (8.8)	99.6 (60.8–153.8)
Power plant operators, distributors, and dispatchers	149	* ...	* ...
Stationary engineers and boiler operators	631	27 (4.3)	61.0 (40.2–88.7)
Water and wastewater treatment plant and system operators	384	22 (5.7)	72.3 (45.3–109.4)
Miscellaneous plant and system operators	237	11 (4.6)	* ...
Chemical processing machine setters, operators, and tenders	298	14 (4.7)	* ...
Crushing, grinding, polishing, mixing, and blending workers	280	18 (6.4)	* ...
Cutting workers	143	16 (11.2)	* ...
Extruding, forming, pressing, and compacting machine setters, operators, and tenders	148	16 (10.8)	* ...
Furnace, kiln, oven, drier, and kettle operators and tenders	27	* ...	* ...
Inspectors, testers, sorters, samplers, and weighers	2,232	153 (6.9)	75.9 (64.3–88.9)
Jewelers and precious stone and metal workers	349	21 (6.0)	78.8 (48.8–120.5)
Medical, dental, and ophthalmic laboratory technicians	327	24 (7.3)	87.3 (55.9–129.9)
Packaging and filling machine operators and tenders	1,032	75 (7.3)	72.7 (57.2–91.1)
Painting workers	686	76 (11.1)	121.6 (95.8–152.1)
Photographic process workers and processing machine operators	93	* ...	* ...
Semiconductor processors	1	–	* ...
Adhesive bonding machine operators and tenders	15	* ...	* ...
Cleaning, washing, and metal pickling equipment operators and tenders	4	–	* ...
Cooling and freezing equipment operators and tenders	9	* ...	* ...
Etchers and engravers	33	* ...	* ...
Molders, shapers, and casters, except metal and plastic	140	23 (16.4)	156.2 (99.0–234.4)
Paper goods machine setters, operators, and tenders	172	* ...	* ...
Tire builders	43	* ...	* ...
Helpers—production workers	68	* ...	* ...
Production workers, all other	9,524	868 (9.1)	94.7 (88.5–101.3)

Table I-1. Drug overdose proportionate mortality ratios among U.S. decedents aged 15–64 among census occupation groups with 20 deaths or more from drug overdoses: 46 states and New York City, 2020—Con.

Usual occupation group	Total deaths	Drug overdose deaths <i>N</i> (percent)	Age-adjusted drug overdose proportionate mortality ratio (95% confidence interval)
Transportation and material moving occupations			
Supervisors of transportation and material moving workers	897	64 (7.1)	81.0 (62.4–103.4)
Aircraft pilots and flight engineers	357	13 (3.6)	* ...
Air traffic controllers and airfield operations specialists.	154	* ...	* ...
Flight attendants	297	20 (6.7)	81.0 (49.5–125.1)
Ambulance drivers and attendants, except emergency medical technicians	160	12 (7.5)	* ...
Bus drivers.	2,966	108 (3.6)	55.5 (45.5–67.0)
Driver/sales workers and truck drivers.	26,250	1,854 (7.1)	84.6 (80.8–88.3)
Taxi drivers and chauffeurs	2,146	147 (6.8)	83.3 (70.4–98.0)
Motor vehicle operators, all other	87	* ...	* ...
Locomotive engineers and operators.	225	* ...	* ...
Railroad brake, signal, and switch operators	25	* ...	* ...
Railroad conductors and yardmasters	198	* ...	* ...
Subway, streetcar, and other rail transportation workers.	144	* ...	* ...
Sailors and marine oilers	331	65 (19.6)	179.3 (138.3–228.5)
Ship and boat captains and operators	316	31 (9.8)	121.2 (82.4–172.0)
Ship engineers	25	* ...	* ...
Bridge and lock tenders	29	* ...	* ...
Parking lot attendants	200	13 (6.5)	* ...
Automotive and watercraft service attendants	356	38 (10.7)	91.0 (64.4–124.9)
Transportation inspectors	113	* ...	* ...
Transportation attendants, except flight attendants	131	* ...	* ...
Other transportation workers	82	* ...	* ...
Conveyor operators and tenders	9	–	* ...
Crane and tower operators.	531	36 (6.8)	78.4 (54.9–108.6)
Dredge, excavating, and loading machine operators	80	* ...	* ...
Hoist and winch operators	29	* ...	* ...
Industrial truck and tractor operators	4,184	477 (11.4)	97.3 (88.8–106.5)
Cleaners of vehicles and equipment.	1,427	194 (13.6)	103.6 (89.5–119.2)
Laborers and freight, stock, and material movers, hand	29,535	3,966 (13.4)	113.3 (110.4–116.2)
Machine feeders and offbearers.	31	* ...	* ...
Packers and packagers, hand.	957	100 (10.4)	84.3 (68.6–102.5)
Pumping station operators.	108	12 (11.1)	* ...
Refuse and recyclable material collectors	831	107 (12.9)	133.7 (109.6–161.6)
Mine shuttle car operators	2	–	* ...
Tank car, truck, and ship loaders	1	–	* ...
Material moving workers, all other.	212	25 (11.8)	112.5 (72.8–166.1)

... Category not applicable.

* Estimate does not meet National Center for Health Statistics standards of reliability or precision.

– Quantity zero.

NOTES: Proportionate mortality ratios (PMRs) are internally adjusted to the age distribution of all U.S. resident decedents aged 15–64 with paid civilian usual occupations using 10-year age categories. PMR 95% confidence intervals are estimated using separate formulas for populations with 1,000 or fewer and over 1,000 total observed deaths from drug overdoses. PMRs based on fewer than 20 deaths from drug overdoses across all age groups are suppressed. See Technical Notes in this report for more information.

SOURCE: National Center for Health Statistics, National Vital Statistics System, Mortality, 2020.

Table I–2. Drug overdose proportionate mortality ratios among U.S. decedents aged 15–64 among census industry groups with 20 deaths or more from drug overdoses: 46 states and New York City, 2020

Usual industry group	Total deaths	Drug overdose deaths N (percent)	Age-adjusted drug overdose proportionate mortality ratio (95% confidence interval)
Total	597,865	58,920 (9.9)	100.0 ...
Agriculture, forestry, fishing, and hunting industries			
Crop production	7,253	366 (5.0)	55.9 (50.3–61.9)
Animal production and aquaculture	1,759	87 (4.9)	53.5 (42.9–66.0)
Forestry, except logging	111	* ...	* ...
Logging	1,320	81 (6.1)	74.7 (59.3–92.8)
Fishing, hunting, and trapping	1,042	202 (19.4)	186.5 (161.7–214.1)
Support activities for agriculture and forestry	676	43 (6.4)	65.3 (47.3–88.0)
Mining industries			
Oil and gas extraction	1,753	161 (9.2)	84.2 (71.7–98.3)
Coal mining	830	82 (9.9)	131.7 (104.7–163.5)
Metal ore mining	99	* ...	* ...
Nonmetallic mineral mining and quarrying	351	21 (6.0)	70.3 (43.5–107.5)
Not-specified type of mining	315	19 (6.0)	* ...
Support activities for mining	2,230	203 (9.1)	84.7 (73.4–97.2)
Utilities industries			
Electric power generation, transmission, and distribution	2,634	194 (7.4)	83.0 (71.7–95.5)
Natural gas distribution	415	25 (6.0)	74.5 (48.2–109.9)
Electric and gas, and other combinations	143	11 (7.7)	* ...
Water, steam, air-conditioning, and irrigation systems	1,012	69 (6.8)	82.2 (63.9–104.0)
Sewage treatment facilities	311	14 (4.5)	* ...
Not-specified utilities	947	70 (7.4)	85.1 (66.3–107.5)
Construction industries			
Construction	89,123	13,645 (15.3)	144.9 (143.2–146.5)
Manufacturing industries			
Animal food, grain, and oilseed milling	262	16 (6.1)	* ...
Sugar and confectionery products	209	18 (8.6)	* ...
Fruit and vegetable preserving and specialty food manufacturing	317	15 (4.7)	* ...
Dairy product manufacturing	380	18 (4.7)	* ...
Animal slaughtering and processing	1,980	117 (5.9)	57.3 (47.4–68.7)
Retail bakeries	641	53 (8.3)	89.6 (67.1–117.2)
Bakeries and tortilla manufacturing, except retail bakeries	670	50 (7.5)	85.0 (63.1–112.1)
Seafood and other miscellaneous foods, not elsewhere classified	402	38 (9.5)	94.3 (66.7–129.5)
Not-specified food industries	2,114	171 (8.1)	81.9 (70.1–95.1)
Beverage manufacturing	856	84 (9.8)	91.0 (72.6–112.7)
Tobacco manufacturing	66	* ...	* ...
Fiber, yarn, and thread mills	27	–	* ...
Fabric mills, except knitting mills	1,200	54 (4.5)	71.0 (53.3–92.6)
Textile and fabric finishing and fabric coating mills	43	* ...	* ...
Carpet and rug mills	119	1 (0.8)	* ...
Textile product mills, except carpet and rug	110	14 (12.7)	* ...
Knitting fabric mills, and apparel knitting mills	49	* ...	* ...
Cut and sew apparel manufacturing	1,235	50 (4.0)	55.6 (41.3–73.3)
Apparel accessories and other apparel manufacturing	8	–	* ...
Footwear manufacturing	168	* ...	* ...
Leather tanning and finishing and other allied products manufacturing	62	* ...	* ...
Pulp, paper, and paperboard mills	819	37 (4.5)	61.0 (43.0–84.1)
Paperboard container manufacturing	151	11 (7.3)	* ...
Miscellaneous paper and pulp products	115	* ...	* ...
Printing and related support activities	2,356	165 (7.0)	101.8 (86.9–118.6)
Petroleum refining	683	46 (6.7)	69.7 (51.0–93.0)
Miscellaneous petroleum and coal products	22	* ...	* ...
Resin, synthetic rubber, and fibers and filaments manufacturing	111	13 (11.7)	* ...
Agricultural chemical manufacturing	51	* ...	* ...
Pharmaceutical and medicine manufacturing	892	43 (4.8)	52.3 (37.8–70.4)
Paint, coating, and adhesive manufacturing	183	12 (6.6)	* ...
Soap, cleaning compound, and cosmetics manufacturing	284	13 (4.6)	* ...
Industrial and miscellaneous chemicals	1,180	65 (5.5)	70.2 (54.1–89.4)
Plastics product manufacturing	1,179	120 (10.2)	106.1 (87.9–126.8)

See footnotes at end of table.

Table I-2. Drug overdose proportionate mortality ratios among U.S. decedents aged 15–64 among census industry groups with 20 deaths or more from drug overdoses: 46 states and New York City, 2020—Con.

Usual industry group	Total deaths	Drug overdose deaths N (percent)	Age-adjusted drug overdose proportionate mortality ratio (95% confidence interval)
Manufacturing industries—Con.			
Tire manufacturing	287	17 (5.9)	* ...
Rubber products, except tires, manufacturing	154	13 (8.4)	* ...
Pottery, ceramics, and plumbing fixture manufacturing	65	* ...	* ...
Clay building material and refractories manufacturing	96	* ...	* ...
Glass and glass product manufacturing	639	72 (11.3)	122.3 (95.7–154.0)
Cement, concrete, lime, and gypsum product manufacturing	487	40 (8.2)	100.7 (71.9–137.1)
Miscellaneous nonmetallic mineral product manufacturing	155	18 (11.6)	* ...
Iron and steel mills and steel product manufacturing	1,810	140 (7.7)	95.6 (80.4–112.9)
Aluminum production and processing	210	18 (8.6)	* ...
Nonferrous metal (except aluminum) production and processing	182	* ...	* ...
Foundries	390	32 (8.2)	99.5 (68.1–140.5)
Metal forgings and stampings	86	* ...	* ...
Cutlery and hand tool manufacturing	120	11 (9.2)	* ...
Structural metals, and boiler, tank, and shipping container manufacturing	1,223	111 (9.1)	99.5 (81.8–119.8)
Machine shops; turned product; screw, nut, and bolt manufacturing	506	47 (9.3)	104.4 (76.7–138.8)
Coating, engraving, heat treating, and allied activities	141	13 (9.2)	* ...
Ordnance	151	* ...	* ...
Miscellaneous fabricated metal products manufacturing	695	74 (10.6)	114.5 (89.9–143.7)
Not-specified metal industries	629	45 (7.2)	82.0 (59.8–109.7)
Agricultural implement manufacturing	221	17 (7.7)	*
Construction, and mining and oil and gas field machinery manufacturing	207	13 (6.3)	* ...
Commercial and service industry machinery manufacturing	148	* ...	* ...
Metalworking machinery manufacturing	690	44 (6.4)	92.8 (67.5–124.6)
Engine, turbine, and power transmission equipment manufacturing	102	* ...	* ...
Machinery manufacturing, not elsewhere classified	948	65 (6.9)	76.4 (58.9–97.3)
Not-specified machinery manufacturing	659	50 (7.6)	92.5 (68.7–122.0)
Computer and peripheral equipment manufacturing	371	15 (4.0)	* ...
Communications, audio, and video equipment manufacturing	140	* ...	* ...
Navigational, measuring, electromedical, and control instruments manufacturing	284	15 (5.3)	* ...
Electronic component and product manufacturing, not elsewhere classified	1,323	74 (5.6)	75.0 (58.9–94.2)
Household appliance manufacturing	230	11 (4.8)	* ...
Electric lighting and electrical equipment manufacturing, and other electrical component manufacturing, not elsewhere classified	808	60 (7.4)	81.1 (61.9–104.4)
Motor vehicles and motor vehicle equipment manufacturing	5,243	409 (7.8)	86.9 (78.7–95.8)
Aircraft and parts manufacturing	1,189	65 (5.5)	74.0 (57.1–94.3)
Aerospace products and parts manufacturing	1,690	81 (4.8)	67.6 (53.7–84.0)
Railroad rolling stock manufacturing	48	* ...	* ...
Ship and boat building	1,169	103 (8.8)	106.2 (86.7–128.8)
Other transportation equipment manufacturing	68	* ...	* ...
Sawmills and wood preservation	700	34 (4.9)	52.8 (36.5–73.7)
Veneer, plywood, and engineered wood products	90	* ...	* ...
Prefabricated wood buildings and mobile homes	120	* ...	* ...
Miscellaneous wood products	597	57 (9.5)	98.4 (74.5–127.5)
Furniture and related product manufacturing	1,160	73 (6.3)	74.3 (58.2–93.4)
Medical equipment and supplies manufacturing	1,108	73 (6.6)	72.2 (56.6–90.8)
Sporting and athletic goods, and doll, toy, and game manufacturing	214	23 (10.7)	108.1 (68.5–162.2)
Miscellaneous manufacturing, not elsewhere classified	788	69 (8.8)	99.7 (77.6–126.2)
Not-specified manufacturing industries	23,591	2,154 (9.1)	98.0 (94.3–101.7)
Wholesale trade industries			
Motor vehicle and motor vehicle parts and supplies merchant wholesalers	364	28 (7.7)	75.4 (50.1–109.0)
Furniture and home furnishing merchant wholesalers	95	11 (11.6)	* ...
Lumber and other construction materials merchant wholesalers	231	25 (10.8)	109.2 (70.7–161.2)
Professional and commercial equipment and supplies merchant wholesalers	485	51 (10.5)	115.4 (85.9–151.8)
Metals and minerals, except petroleum, merchant wholesalers	92	* ...	* ...
Household appliances and electrical and electronic goods merchant wholesalers	184	16 (8.7)	* ...
Hardware, plumbing and heating equipment, and supplies merchant wholesalers	172	22 (12.8)	108.1 (67.7–163.6)
Machinery, equipment, and supplies merchant wholesalers	558	32 (5.7)	69.8 (47.8–98.6)
Recyclable material merchant wholesalers	770	72 (9.4)	98.1 (76.8–123.6)
Miscellaneous durable goods merchant wholesalers	137	16 (11.7)	* ...
Paper and paper products merchant wholesalers	42	* ...	* ...
Drugs, sundries, and chemical and allied products merchant wholesalers	291	22 (7.6)	91.8 (57.5–139.0)

See footnotes at end of table.

Table I-2. Drug overdose proportionate mortality ratios among U.S. decedents aged 15–64 among census industry groups with 20 deaths or more from drug overdoses: 46 states and New York City, 2020—Con.

Usual industry group	Total deaths	Drug overdose deaths N (percent)	Age-adjusted drug overdose proportionate mortality ratio (95% confidence interval)
Wholesale trade industries—Con.			
Apparel, piece goods, and notions merchant wholesalers	137	17 (12.4)	* ...
Grocery and related product merchant wholesalers	1,555	133 (8.6)	86.7 (72.6–102.8)
Farm product raw material merchant wholesalers	171	* ...	* ...
Petroleum and petroleum products merchant wholesalers	182	11 (6.0)	* ...
Alcoholic beverages merchant wholesalers	164	15 (9.1)	* ...
Farm supplies merchant wholesalers	37	—	* ...
Miscellaneous nondurable goods merchant wholesalers	128	* ...	* ...
Wholesale electronic markets and agents and brokers	13	* ...	* ...
Not-specified wholesale trade	1,044	80 (7.7)	79.9 (63.3–99.4)
Retail trade industries			
Automobile dealers	4,775	539 (11.3)	113.6 (104.3–123.7)
Other motor vehicle dealers	392	34 (8.7)	85.2 (59.0–119.1)
Automotive parts, accessories, and tire stores	2,252	162 (7.2)	73.4 (62.6–85.7)
Furniture and home furnishings stores	1,221	122 (10.0)	104.8 (87.1–125.2)
Household appliance stores	281	31 (11.0)	112.0 (76.1–159.0)
Electronics stores	1,205	141 (11.7)	104.4 (87.8–123.1)
Building material and supplies dealers	2,604	231 (8.9)	88.4 (77.3–100.5)
Hardware stores	529	51 (9.6)	99.5 (74.1–130.8)
Lawn and garden equipment and supplies stores	416	20 (4.8)	56.5 (34.5–87.2)
Grocery stores	9,069	792 (8.7)	84.3 (78.5–90.3)
Specialty food stores	832	81 (9.7)	101.9 (80.9–126.7)
Beer, wine, and liquor stores	301	24 (8.0)	78.7 (50.4–117.1)
Pharmacies and drug stores	1,943	133 (6.8)	65.4 (54.8–77.5)
Health and personal care, except drug, stores	660	53 (8.0)	83.6 (62.6–109.3)
Gasoline stations	1,498	174 (11.6)	101.7 (87.2–118.0)
Clothing stores	826	90 (10.9)	92.6 (74.5–113.9)
Shoe stores	114	12 (10.5)	* ...
Jewelry, luggage, and leather goods stores	486	29 (6.0)	71.4 (47.8–102.6)
Sporting goods, and hobby and toy stores	616	59 (9.6)	94.8 (72.2–122.3)
Sewing, needlework, and piece goods stores	124	* ...	* ...
Musical instrument and supplies stores	117	19 (16.2)	* ...
Book stores and news dealers	161	* ...	* ...
Department stores and discount stores	2,258	125 (5.5)	50.9 (42.3–60.6)
Miscellaneous general merchandise stores	533	52 (9.8)	79.2 (59.2–103.9)
Retail florists	641	53 (8.3)	118.1 (88.5–154.5)
Office supplies and stationery stores	204	13 (6.4)	* ...
Used merchandise stores	574	53 (9.2)	103.6 (77.6–135.5)
Gift, novelty, and souvenir shops	100	* ...	* ...
Miscellaneous retail stores	803	102 (12.7)	113.5 (92.6–137.8)
Electronic shopping	655	138 (21.1)	117.5 (98.7–138.8)
Electronic auctions	—	—	* ...
Mail-order houses	23	* ...	* ...
Vending machine operators	119	10 (8.4)	* ...
Fuel dealers	452	21 (4.6)	58.5 (36.2–89.3)
Other direct selling establishments	562	73 (13.0)	109.6 (85.9–137.8)
Not-specified retail trade	18,074	1,972 (10.9)	96.2 (92.4–100.0)
Transportation and warehousing industries			
Air transportation	2,018	94 (4.7)	56.6 (45.7–69.2)
Rail transportation	1,314	63 (4.8)	60.1 (46.2–76.9)
Water transportation	625	88 (14.1)	157.4 (126.3–194.0)
Truck transportation	21,091	1,503 (7.1)	88.0 (83.7–92.3)
Bus service and urban transit	2,699	104 (3.9)	53.9 (44.1–65.3)
Taxi and limousine service	2,054	137 (6.7)	81.7 (68.6–96.5)
Pipeline transportation	171	17 (9.9)	* ...
Scenic and sightseeing transportation	129	17 (13.2)	* ...
Services incidental to transportation	5,378	456 (8.5)	83.5 (76.0–91.5)
Postal service	3,037	138 (4.5)	66.7 (56.1–78.8)
Couriers and messengers	2,441	265 (10.9)	86.9 (76.7–98.0)
Warehousing and storage	5,708	800 (14.0)	102.4 (95.4–109.7)

Table I-2. Drug overdose proportionate mortality ratios among U.S. decedents aged 15–64 among census industry groups with 20 deaths or more from drug overdoses: 46 states and New York City, 2020—Con.

Usual industry group	Total deaths	Drug overdose deaths N (percent)	Age-adjusted drug overdose proportionate mortality ratio (95% confidence interval)
Information industries			
Newspaper publishers	837	42 (5.0)	71.4 (51.4–96.5)
Periodical, book, and directory publishers	515	30 (5.8)	78.9 (53.2–112.6)
Software publishers	2	—	* ...
Motion pictures and video industries	1,161	142 (12.2)	100.8 (84.9–118.8)
Sound recording industries	234	33 (14.1)	96.4 (66.3–135.3)
Broadcasting (except Internet)	1,369	86 (6.3)	65.8 (52.6–81.3)
Internet publishing and broadcasting and web search portals	48	9 (18.8)	* ...
Wired telecommunications carriers	2,485	196 (7.9)	86.2 (74.6–99.2)
Telecommunications, except wired telecommunications carriers	1,687	162 (9.6)	92.5 (78.8–107.9)
Data processing, hosting, and related services	196	17 (8.7)	* ...
Libraries and archives	440	20 (4.5)	62.9 (38.4–97.1)
Other information services, except libraries and archives, and Internet publishing and broadcasting and web search portals	53	* ...	* ...
Finance and insurance industries			
Banking and related activities	4,247	214 (5.0)	58.6 (51.0–67.0)
Savings institutions, including credit unions	177	* ...	* ...
Nondepository credit and related activities	2,570	203 (7.9)	81.3 (70.5–93.3)
Securities, commodities, funds, trusts, and other financial investments	2,521	194 (7.7)	84.7 (73.2–97.5)
Insurance carriers and related activities	5,466	333 (6.1)	68.9 (61.7–76.8)
Real estate, rental, and leasing industries			
Real estate	7,130	584 (8.2)	96.7 (89.0–104.9)
Automotive equipment rental and leasing	253	13 (5.1)	* ...
Video tape and disk rental	3	* ...	* ...
Other consumer goods rental	92	14 (15.2)	* ...
Commercial, industrial, and other intangible assets rental and leasing	150	14 (9.3)	* ...
Professional, scientific, and technical services industries			
Legal services	3,896	299 (7.7)	91.2 (81.1–102.1)
Accounting, tax preparation, bookkeeping, and payroll services	3,580	188 (5.3)	65.4 (56.4–75.5)
Architectural, engineering, and related services	3,368	202 (6.0)	72.6 (62.9–83.3)
Specialized design services	1,384	106 (7.7)	74.4 (60.9–90.0)
Computer systems design and related services	7,891	573 (7.3)	71.4 (65.6–77.4)
Management, scientific, and technical consulting services	2,143	175 (8.2)	74.7 (64.0–86.6)
Scientific research and development services	1,163	75 (6.4)	66.6 (52.4–83.5)
Advertising, public relations, and related services	636	51 (8.0)	86.8 (64.6–114.1)
Veterinary services	805	115 (14.3)	110.5 (91.3–132.7)
Other professional, scientific, and technical services	949	71 (7.5)	74.7 (58.3–94.2)
Management of companies and enterprises industries			
Management of companies and enterprises	556	26 (4.7)	56.3 (36.8–82.5)
Administrative, support, and waste services industries			
Employment services	858	135 (15.7)	127.1 (106.6–150.5)
Business support services	1,447	170 (11.7)	98.0 (83.9–113.9)
Travel arrangements and reservation services	936	102 (10.9)	115.4 (94.1–140.0)
Investigation and security services	5,306	373 (7.0)	64.7 (58.3–71.6)
Services to buildings and dwellings (except cleaning during construction and immediately after construction)	8,439	797 (9.4)	103.8 (96.7–111.3)
Landscaping services	9,963	1,772 (17.8)	136.7 (131.9–141.5)
Other administrative and other support services	648	71 (11.0)	110.3 (86.2–139.2)
Waste management and remediation services	2,136	222 (10.4)	109.5 (95.6–124.9)
Education services industries			
Elementary and secondary schools	20,665	660 (3.2)	41.0 (38.0–44.3)
Colleges, universities, and professional schools, including junior colleges	3,816	125 (3.3)	41.4 (34.5–49.3)
Business, technical, and trade schools and training	227	* ...	* ...
Other schools and instruction, and educational support services	613	49 (8.0)	76.4 (56.5–101.0)

Table I-2. Drug overdose proportionate mortality ratios among U.S. decedents aged 15–64 among census industry groups with 20 deaths or more from drug overdoses: 46 states and New York City, 2020—Con.

Usual industry group	Total deaths	Drug overdose deaths N (percent)	Age-adjusted drug overdose proportionate mortality ratio (95% confidence interval)
Healthcare and social assistance industries			
Offices of physicians	2,932	178 (6.1)	68.4 (58.7–79.2)
Offices of dentists	1,662	163 (9.8)	97.7 (83.2–113.9)
Offices of chiropractors	239	14 (5.9)	* ...
Offices of optometrists	275	25 (9.1)	79.7 (51.6–117.7)
Offices of other health practitioners	824	55 (6.7)	75.4 (56.8–98.2)
Outpatient care centers	8,113	676 (8.3)	91.8 (85.0–99.0)
Home health care services	7,229	763 (10.6)	107.3 (99.8–115.2)
Other health care services	1,132	82 (7.2)	73.2 (58.2–90.9)
Hospitals	24,108	1,653 (6.9)	80.8 (76.9–84.7)
Nursing care facilities (skilled nursing facilities)	10,107	809 (8.0)	88.7 (82.7–95.0)
Residential care facilities, except skilled nursing facilities	1,248	148 (11.9)	117.5 (99.3–138.0)
Individual and family services	4,381	366 (8.4)	91.3 (82.2–101.2)
Community food and housing, and emergency services	228	19 (8.3)	* ...
Vocational rehabilitation services	455	20 (4.4)	51.1 (31.2–78.9)
Child day care services	3,656	197 (5.4)	55.9 (48.3–64.2)
Arts, entertainment, and recreation industries			
Performing arts, spectator sports, and related industries	7,327	1,014 (13.8)	113.4 (107.6–119.2)
Museums, art galleries, historical sites, and similar institutions	933	64 (6.9)	81.1 (62.5–103.6)
Bowling centers	96	10 (10.4)	* ...
Other amusement, gambling, and recreation industries	4,730	459 (9.7)	89.0 (81.1–97.5)
Accommodation and food services industries			
Traveler accommodation	5,198	491 (9.4)	95.0 (86.8–103.8)
Recreational vehicle parks and camps, and rooming and boarding houses	164	14 (8.5)	* ...
Restaurants and other food services	41,857	7,126 (17.0)	126.7 (124.5–128.9)
Drinking places, alcoholic beverages	1,511	217 (14.4)	123.2 (107.3–140.7)
Other services industries (except public administration industries)			
Automotive repair and maintenance	14,519	1,588 (10.9)	113.7 (109.0–118.4)
Car washes	1,286	175 (13.6)	100.6 (86.2–116.6)
Electronic and precision equipment repair and maintenance	494	63 (12.8)	135.1 (103.9–172.9)
Commercial and industrial machinery and equipment repair and maintenance	2,964	305 (10.3)	105.7 (94.2–118.3)
Personal and household goods repair and maintenance	1,207	90 (7.5)	99.6 (80.1–122.4)
Footwear and leather goods repair	32	–	* ...
Barber shops	887	202 (22.8)	150.8 (130.7–173.1)
Beauty salons	4,481	639 (14.3)	126.4 (116.8–136.6)
Nail salons and other personal care services	1,361	251 (18.4)	131.4 (115.6–148.7)
Drycleaning and laundry services	930	63 (6.8)	88.2 (67.8–112.9)
Funeral homes, and cemeteries and crematories	673	45 (6.7)	83.5 (60.9–111.7)
Other personal services	1,297	170 (13.1)	115.5 (98.8–134.2)
Religious organizations	3,018	80 (2.7)	38.2 (30.3–47.6)
Civic, social, advocacy organizations, and grantmaking and giving services	1,747	105 (6.0)	63.5 (51.9–76.9)
Labor unions	206	22 (10.7)	140.8 (88.3–213.2)
Business, professional, political, and similar organizations	166	14 (8.4)	* ...
Private households	4,568	431 (9.4)	101.6 (92.3–111.7)
Public administration industries			
Executive offices and legislative bodies	354	13 (3.7)	* ...
Public finance activities	758	31 (4.1)	65.4 (44.4–92.8)
Other general government and support	8,049	318 (4.0)	55.3 (49.4–61.7)
Justice, public order, and safety activities	10,168	354 (3.5)	42.7 (38.3–47.4)
Administration of human resource programs	1,696	85 (5.0)	64.2 (51.3–79.4)
Administration of environmental quality and housing programs	306	17 (5.6)	* ...
Administration of economic programs and space research	988	38 (3.8)	53.9 (38.2–74.0)
National security and international affairs	2,107	100 (4.7)	56.9 (46.3–69.2)

... Category not applicable.

* Estimate does not meet National Center for Health Statistics standards of reliability or precision.

– Quantity zero.

NOTES: Proportionate mortality ratios (PMRs) are internally adjusted to the age distribution of all U.S. resident decedents aged 15–64 with paid civilian usual industries using 10-year age categories. PMR 95% confidence intervals are estimated using separate formulas for populations with 1,000 or fewer and over 1,000 total observed deaths from drug overdoses. PMRs based on fewer than 20 deaths from drug overdoses across all age groups are suppressed. See Technical Notes in this report for more information.

SOURCE: National Center for Health Statistics, National Vital Statistics System, Mortality, 2020.

Table I-3. Drug overdose deaths in U.S. decedents aged 15–64, by sex and usual occupation group: 46 states and New York City, 2020

Usual occupation group	Total drug overdose deaths	Female <i>N</i> (percent)	Male <i>N</i> (percent)
Total	60,126	15,188 (25.3)	44,938 (74.7)
Architecture and engineering	503	46 (9.1)	457 (90.9)
Arts, design, entertainment, sports, and media	1,370	355 (25.9)	1,015 (74.1)
Building and grounds cleaning and maintenance	3,388	684 (20.2)	2,704 (79.8)
Business and financial operations	900	369 (41.0)	531 (59.0)
Community and social services	563	279 (49.6)	284 (50.4)
Computer and mathematical	519	75 (14.5)	444 (85.5)
Construction and extraction	12,660	183 (1.4)	12,477 (98.6)
Education, training, and library	547	327 (59.8)	220 (40.2)
Farming, fishing, and forestry	542	35 (6.5)	507 (93.5)
Food preparation and serving-related	6,461	2,561 (39.6)	3,900 (60.4)
Healthcare practitioners and technical	1,637	1,170 (71.5)	467 (28.5)
Healthcare support	1,674	1,433 (85.6)	241 (14.4)
Installation, maintenance, and repair	3,314	71 (2.1)	3,243 (97.9)
Legal	271	141 (52.0)	130 (48.0)
Life, physical, and social science	244	58 (23.8)	186 (76.2)
Management	2,922	710 (24.3)	2,212 (75.7)
Office and administrative support	3,277	1,870 (57.1)	1,407 (42.9)
Personal care and service	2,479	1,472 (59.4)	1,007 (40.6)
Production	3,843	546 (14.2)	3,297 (85.8)
Protective service	755	146 (19.3)	609 (80.7)
Sales and related	4,902	1,940 (39.6)	2,962 (60.4)
Transportation and material moving	7,355	717 (9.7)	6,638 (90.3)

SOURCE: National Center for Health Statistics, National Vital Statistics System, Mortality, 2020.

Table I-4. Drug overdose deaths in U.S. decedents aged 15-64, by sex and usual industry group: 46 states and New York City, 2020

Usual industry group	Total drug overdose deaths	Female <i>N</i> (percent)	Male <i>N</i> (percent)
Total	58,920	15,012 (25.5)	43,908 (74.5)
Accommodation and food services	7,848	3,192 (40.7)	4,656 (59.3)
Administrative, support, and waste services	3,642	568 (15.6)	3,074 (84.4)
Agriculture, forestry, fishing, and hunting	787	73 (9.3)	714 (90.7)
Arts, entertainment, and recreation	1,547	373 (24.1)	1,174 (75.9)
Construction	13,645	283 (2.1)	13,362 (97.9)
Education services	841	433 (51.5)	408 (48.5)
Finance and insurance	948	437 (46.1)	511 (53.9)
Healthcare and social assistance	5,168	3,756 (72.7)	1,412 (27.3)
Information	739	185 (25.0)	554 (75.0)
Management of companies and enterprises	26	* ...	* ...
Manufacturing	5,486	823 (15.0)	4,663 (85.0)
Mining	494	10 (2.0)	484 (98.0)
Other services (except public administration)	4,243	1,191 (28.1)	3,052 (71.9)
Professional, scientific, and technical services	1,855	614 (33.1)	1,241 (66.9)
Public administration	956	334 (34.9)	622 (65.1)
Real estate, rental, and leasing	626	189 (30.2)	437 (69.8)
Retail trade	5,432	2,010 (37.0)	3,422 (63.0)
Transportation and warehousing	3,682	436 (11.8)	3,246 (88.2)
Utilities	383	31 (8.1)	352 (91.9)
Wholesale trade	572	59 (10.3)	513 (89.7)

* Estimate does not meet National Center for Health Statistics standards of reliability or precision.

... Category not applicable.

SOURCE: National Center for Health Statistics, National Vital Statistics System, Mortality, 2020.

Table I–5. Drug overdose deaths in U.S. decedents aged 15–64, by race and Hispanic origin and usual occupation group: 46 states and New York City, 2020

Usual occupation group	Total drug overdose deaths	Hispanic ¹ <i>N</i> (percent)	Non-Hispanic, single race			
			American Indian and Alaska Native <i>N</i> (percent)	Asian <i>N</i> (percent)	Black <i>N</i> (percent)	White <i>N</i> (percent)
Total	60,126	6,981 (11.6)	548 (0.9)	595 (1.0)	9,315 (15.5)	41,926 (69.7)
Architecture and engineering	503	33 (6.6)	2 (0.4)	11 (2.2)	27 (5.4)	424 (84.3)
Arts, design, entertainment, sports, and media	1,370	144 (10.5)	18 (1.3)	22 (1.6)	190 (13.9)	957 (69.9)
Building and grounds cleaning and maintenance	3,388	455 (13.4)	38 (1.1)	11 (0.3)	713 (21.0)	2,135 (63.0)
Business and financial operations	900	81 (9.0)	6 (0.7)	12 (1.3)	95 (10.6)	692 (76.9)
Community and social services	563	49 (8.7)	4 (0.7)	1 (0.2)	129 (22.9)	371 (65.9)
Computer and mathematical	519	36 (6.9)	1 (0.2)	12 (2.3)	53 (10.2)	409 (78.8)
Construction and extraction	12,660	1,666 (13.2)	115 (0.9)	44 (0.3)	1,205 (9.5)	9,503 (75.1)
Education, training, and library	547	34 (6.2)	7 (1.3)	8 (1.5)	65 (11.9)	425 (77.7)
Farming, fishing, and forestry	542	103 (19.0)	20 (3.7)	8 (1.5)	26 (4.8)	373 (68.8)
Food preparation and serving-related	6,461	721 (11.2)	52 (0.8)	82 (1.3)	1,074 (16.6)	4,436 (68.7)
Healthcare practitioners and technical	1,637	94 (5.7)	15 (0.9)	28 (1.7)	166 (10.1)	1,318 (80.5)
Healthcare support	1,674	156 (9.3)	16 (1.0)	18 (1.1)	433 (25.9)	1,031 (61.6)
Installation, maintenance, and repair	3,314	411 (12.4)	16 (0.5)	21 (0.6)	314 (9.5)	2,528 (76.3)
Legal	271	19 (7.0)	1 (0.4)	4 (1.5)	21 (7.7)	221 (81.5)
Life, physical, and social science	244	21 (8.6)	4 (1.6)	2 (0.8)	19 (7.8)	196 (80.3)
Management	2,922	287 (9.8)	14 (0.5)	60 (2.1)	282 (9.7)	2,232 (76.4)
Office and administrative support	3,277	379 (11.6)	32 (1.0)	31 (0.9)	521 (15.9)	2,255 (68.8)
Personal care and service	2,479	292 (11.8)	42 (1.7)	48 (1.9)	507 (20.5)	1,546 (62.4)
Production	3,843	423 (11.0)	35 (0.9)	23 (0.6)	644 (16.8)	2,679 (69.7)
Protective service	755	106 (14.0)	18 (2.4)	8 (1.1)	214 (28.3)	405 (53.6)
Sales and related	4,902	473 (9.6)	25 (0.5)	80 (1.6)	545 (11.1)	3,700 (75.5)
Transportation and material moving	7,355	998 (13.6)	67 (0.9)	61 (0.8)	2,072 (28.2)	4,090 (55.6)

¹People of Hispanic origin may be of any race.

NOTE: Death counts for Asian, American Indian and Alaska Native, and Hispanic people might be affected by misclassification of race and Hispanic origin on death certificates.

SOURCE: National Center for Health Statistics, National Vital Statistics System, Mortality, 2020.

Table I-6. Drug overdose deaths in U.S. decedents aged 15-64, by race and Hispanic origin and usual industry group: 46 states and New York City, 2020

Usual industry group	Total drug overdose deaths	Hispanic ¹ N (percent)	Non-Hispanic, single race			
			American Indian and Alaska Native N (percent)	Asian N (percent)	Black N (percent)	White N (percent)
Total	58,920	6,850 (11.6)	531 (0.9)	584 (1.0)	8,701 (14.8)	41,508 (70.4)
Accommodation and food services	7,848	863 (11.0)	65 (0.8)	114 (1.5)	1,344 (17.1)	5,348 (68.1)
Administrative, support, and waste services	3,642	514 (14.1)	28 (0.8)	17 (0.5)	682 (18.7)	2,363 (64.9)
Agriculture, forestry, fishing, and hunting	787	136 (17.3)	21 (2.7)	8 (1.0)	41 (5.2)	564 (71.7)
Arts, entertainment, and recreation	1,547	168 (10.9)	40 (2.6)	22 (1.4)	234 (15.1)	1,036 (67.0)
Construction	13,645	1,768 (13.0)	117 (0.9)	49 (0.4)	1,289 (9.4)	10,282 (75.4)
Education services	841	71 (8.4)	10 (1.2)	9 (1.1)	137 (16.3)	607 (72.2)
Finance and insurance	948	70 (7.4)	3 (0.3)	18 (1.9)	83 (8.8)	754 (79.5)
Healthcare and social assistance	5,168	433 (8.4)	51 (1.0)	58 (1.1)	1,046 (20.2)	3,510 (67.9)
Information	739	77 (10.4)	4 (0.5)	11 (1.5)	94 (12.7)	540 (73.1)
Management of companies and enterprises	26	* ...	-	* ...	* ...	* ...
Manufacturing	5,486	570 (10.4)	44 (0.8)	41 (0.7)	942 (17.2)	3,839 (70.0)
Mining	494	54 (10.9)	11 (2.2)	2 (0.4)	27 (5.5)	399 (80.8)
Other services (except public administration)	4,243	565 (13.3)	38 (0.9)	55 (1.3)	703 (16.6)	2,831 (66.7)
Professional, scientific, and technical services	1,855	156 (8.4)	5 (0.3)	33 (1.8)	161 (8.7)	1,474 (79.5)
Public administration	956	83 (8.7)	32 (3.3)	5 (0.5)	190 (19.9)	638 (66.7)
Real estate, rental, and leasing	626	62 (9.9)	3 (0.5)	8 (1.3)	78 (12.5)	470 (75.1)
Retail trade	5,432	610 (11.2)	29 (0.5)	80 (1.5)	710 (13.1)	3,921 (72.2)
Transportation and warehousing	3,682	540 (14.7)	25 (0.7)	41 (1.1)	834 (22.7)	2,196 (59.6)
Utilities	383	31 (8.1)	1 (0.3)	7 (1.8)	38 (9.9)	304 (79.4)
Wholesale trade	572	76 (13.3)	4 (0.7)	4 (0.7)	62 (10.8)	417 (72.9)

* Estimate does not meet National Center for Health Statistics standards of reliability or precision.

... Category not applicable.

- Quantity zero.

¹People of Hispanic origin may be of any race.

NOTE: Death counts for Asian, American Indian and Alaska Native, and Hispanic people might be affected by misclassification of race and Hispanic origin on death certificates.

SOURCE: National Center for Health Statistics, National Vital Statistics System, Mortality, 2020.

Table I-7. Drug overdose deaths in U.S. decedents aged 15–64, by type of drug involved and usual occupation group: 46 states and New York City, 2020

Usual occupation group	Total drug overdose deaths	Cocaine <i>N</i> (percent)	Heroin <i>N</i> (percent)	Methadone <i>N</i> (percent)	Natural and semisynthetic opioids <i>N</i> (percent)	Psychostimulants with abuse potential <i>N</i> (percent)	Synthetic opioids other than methadone <i>N</i> (percent)	Multiple drug types <i>N</i> (percent)	Drug type not known <i>N</i> (percent)
Total	60,126	12,893 (21.4)	8,899 (14.8)	2,059 (3.4)	8,824 (14.7)	15,513 (25.8)	38,504 (64.0)	25,954 (43.2)	6,602 (11.0)
Architecture and engineering	503	99 (19.7)	73 (14.5)	13 (2.6)	98 (19.5)	107 (21.3)	292 (58.1)	204 (40.6)	84 (16.7)
Arts, design, entertainment, sports, and media	1,370	270 (19.7)	189 (13.8)	39 (2.8)	199 (14.5)	376 (27.4)	822 (60.0)	564 (41.2)	206 (15.0)
Building and grounds cleaning and maintenance	3,388	815 (24.1)	519 (15.3)	125 (3.7)	409 (12.1)	937 (27.7)	2,265 (66.9)	1,541 (45.5)	290 (8.6)
Business and financial operations	900	188 (20.9)	102 (11.3)	28 (3.1)	201 (22.3)	189 (21.0)	500 (55.6)	327 (36.3)	132 (14.7)
Community and social services	563	119 (21.1)	95 (16.9)	23 (4.1)	91 (16.2)	112 (19.9)	328 (58.3)	226 (40.1)	93 (16.5)
Computer and mathematical	519	92 (17.7)	69 (13.3)	11 (2.1)	70 (13.5)	115 (22.2)	277 (53.4)	175 (33.7)	101 (19.5)
Construction and extraction	12,660	2,673 (21.1)	2,155 (17.0)	415 (3.3)	1,640 (13.0)	3,818 (30.2)	8,540 (67.5)	5,944 (47.0)	1,037 (8.2)
Education, training, and library	547	89 (16.3)	43 (7.9)	17 (3.1)	112 (20.5)	88 (16.1)	266 (48.6)	159 (29.1)	136 (24.9)
Farming, fishing, and forestry	542	118 (21.8)	76 (14.0)	15 (2.8)	75 (13.8)	206 (38.0)	323 (59.6)	240 (44.3)	46 (8.5)
Food preparation and serving-related	6,461	1,493 (23.1)	964 (14.9)	213 (3.3)	798 (12.4)	1,702 (26.3)	4,336 (67.1)	2,879 (44.6)	681 (10.5)
Healthcare practitioners and technical	1,637	237 (14.5)	164 (10.0)	61 (3.7)	407 (24.9)	314 (19.2)	804 (49.1)	539 (32.9)	353 (21.6)
Healthcare support	1,674	368 (22.0)	208 (12.4)	83 (5.0)	318 (19.0)	388 (23.2)	992 (59.3)	741 (44.3)	244 (14.6)
Installation, maintenance, and repair	3,314	680 (20.5)	503 (15.2)	123 (3.7)	453 (13.7)	967 (29.2)	2,134 (64.4)	1,451 (43.8)	293 (8.8)
Legal	271	44 (16.2)	35 (12.9)	11 (4.1)	62 (22.9)	57 (21.0)	142 (52.4)	103 (38.0)	57 (21.0)
Life, physical, and social science	244	45 (18.4)	39 (16.0)	8 (3.3)	52 (21.3)	60 (24.6)	148 (60.7)	105 (43.0)	35 (14.3)
Management	2,922	692 (23.7)	367 (12.6)	78 (2.7)	495 (16.9)	656 (22.5)	1,772 (60.6)	1,183 (40.5)	359 (12.3)
Office and administrative support	3,277	629 (19.2)	407 (12.4)	122 (3.7)	566 (17.3)	692 (21.1)	1,977 (60.3)	1,260 (38.4)	463 (14.1)
Personal care and service	2,479	525 (21.2)	351 (14.2)	107 (4.3)	422 (17.0)	623 (25.1)	1,504 (60.7)	1,058 (42.7)	313 (12.6)
Production	3,843	775 (20.2)	550 (14.3)	122 (3.2)	550 (14.3)	982 (25.6)	2,540 (66.1)	1,606 (41.8)	370 (9.6)
Protective service	755	141 (18.7)	94 (12.5)	19 (2.5)	139 (18.4)	172 (22.8)	464 (61.5)	294 (38.9)	88 (11.7)
Sales and related	4,902	978 (20.0)	664 (13.5)	175 (3.6)	794 (16.2)	1,185 (24.2)	3,129 (63.8)	2,045 (41.7)	609 (12.4)
Transportation and material moving	7,355	1,823 (24.8)	1,232 (16.8)	251 (3.4)	873 (11.9)	1,767 (24.0)	4,949 (67.3)	3,310 (45.0)	612 (8.3)

NOTES: Types of drugs involved in each overdose death were determined using multiple cause-of-death *International Classification of Diseases, 10th Revision* codes for heroin (T40.1), natural and semisynthetic opioids (T40.2), methadone (T40.3), synthetic opioids other than methadone (T40.4), cocaine (T40.5), and psychostimulants with abuse potential (T43.6). Types of drugs involved in each overdose death are not mutually exclusive. See Technical Notes in this report for more information.

SOURCE: National Center for Health Statistics, National Vital Statistics System, Mortality, 2020.

Table I–8. Drug overdose deaths in U.S. decedents aged 15–64, by type of drug involved and usual industry group: 46 states and New York City, 2020

Usual industry group	Total drug overdose deaths	Cocaine <i>N</i> (percent)	Heroin <i>N</i> (percent)	Methadone <i>N</i> (percent)	Natural and semisynthetic opioids <i>N</i> (percent)	Psychostimulants with abuse potential <i>N</i> (percent)	Synthetic opioids other than methadone <i>N</i> (percent)	Multiple drug types <i>N</i> (percent)	Drug type not known <i>N</i> (percent)
Total	58,920	12,516 (21.2)	8,623 (14.6)	1,989 (3.4)	8,703 (14.8)	15,281 (25.9)	37,705 (64.0)	25,350 (43.0)	6,509 (11.0)
Accommodation and food services	7,848	1,810 (23.1)	1,153 (14.7)	258 (3.3)	982 (12.5)	2,048 (26.1)	5,248 (66.9)	3,454 (44.0)	822 (10.5)
Administrative, support, and waste services	3,642	864 (23.7)	589 (16.2)	123 (3.4)	462 (12.7)	991 (27.2)	2,456 (67.4)	1,669 (45.8)	319 (8.8)
Agriculture, forestry, fishing, and hunting	787	152 (19.3)	94 (11.9)	19 (2.4)	106 (13.5)	296 (37.6)	458 (58.2)	320 (40.7)	75 (9.5)
Arts, entertainment, and recreation	1,547	300 (19.4)	217 (14.0)	43 (2.8)	221 (14.3)	430 (27.8)	952 (61.5)	633 (40.9)	199 (12.9)
Construction	13,645	2,944 (21.6)	2,311 (16.9)	450 (3.3)	1,753 (12.8)	4,043 (29.6)	9,218 (67.6)	6,407 (47.0)	1,115 (8.2)
Education services	841	159 (18.9)	83 (9.9)	32 (3.8)	162 (19.3)	157 (18.7)	441 (52.4)	289 (34.4)	177 (21.0)
Finance and insurance	948	195 (20.6)	105 (11.1)	29 (3.1)	213 (22.5)	184 (19.4)	530 (55.9)	358 (37.8)	148 (15.6)
Healthcare and social assistance	5,168	993 (19.2)	625 (12.1)	225 (4.4)	1,034 (20.0)	1,102 (21.3)	2,880 (55.7)	2,017 (39.0)	886 (17.1)
Information	739	150 (20.3)	103 (13.9)	29 (3.9)	128 (17.3)	171 (23.1)	445 (60.2)	308 (41.7)	114 (15.4)
Management of companies and enterprises	26	* ...	* ...	–	* ...	* ...	* ...	* ...	* ...
Manufacturing	5,486	1,128 (20.6)	757 (13.8)	161 (2.9)	805 (14.7)	1,302 (23.7)	3,653 (66.6)	2,315 (42.2)	578 (10.5)
Mining	494	63 (12.8)	64 (13.0)	10 (2.0)	99 (20.0)	205 (41.5)	243 (49.2)	201 (40.7)	63 (12.8)
Other services (except public administration)	4,243	938 (22.1)	644 (15.2)	165 (3.9)	596 (14.0)	1,207 (28.4)	2,701 (63.7)	1,876 (44.2)	395 (9.3)
Professional, scientific, and technical services	1,855	371 (20.0)	262 (14.1)	53 (2.9)	336 (18.1)	424 (22.9)	1,063 (57.3)	732 (39.5)	303 (16.3)
Public administration	956	166 (17.4)	106 (11.1)	33 (3.5)	217 (22.7)	191 (20.0)	519 (54.3)	331 (34.6)	146 (15.3)
Real estate, rental, and leasing	626	155 (24.8)	84 (13.4)	18 (2.9)	109 (17.4)	131 (20.9)	355 (56.7)	248 (39.6)	95 (15.2)
Retail trade	5,432	1,065 (19.6)	709 (13.1)	195 (3.6)	828 (15.2)	1,276 (23.5)	3,498 (64.4)	2,195 (40.4)	653 (12.0)
Transportation and warehousing	3,682	884 (24.0)	575 (15.6)	115 (3.1)	499 (13.6)	895 (24.3)	2,415 (65.6)	1,602 (43.5)	314 (8.5)
Utilities	383	62 (16.2)	60 (15.7)	12 (3.1)	62 (16.2)	81 (21.1)	242 (63.2)	150 (39.2)	49 (12.8)
Wholesale trade	572	113 (19.8)	75 (13.1)	19 (3.3)	89 (15.6)	139 (24.3)	374 (65.4)	236 (41.3)	55 (9.6)

* Estimate does not meet National Center for Health Statistics standards of reliability or precision.

... Category not applicable.

– Quantity zero.

NOTES: Types of drugs involved in each overdose death were determined using multiple cause-of-death *International Classification of Diseases, 10th Revision* codes for heroin (T40.1), natural and semisynthetic opioids (T40.2), methadone (T40.3), synthetic opioids other than methadone (T40.4), cocaine (T40.5), and psychostimulants with abuse potential (T43.6). Types of drugs involved in each overdose death are not mutually exclusive. See Technical Notes in this report for more information.

SOURCE: National Center for Health Statistics, National Vital Statistics System, Mortality, 2020.

Table I–9. Drug overdose deaths in U.S. decedents aged 15–64, by overdose intent and usual occupation group: 46 states and New York City, 2020

Usual occupation group	Total drug overdose deaths	Unintentional <i>N</i> (percent)	Suicide <i>N</i> (percent)	Undetermined <i>N</i> (percent)
Total	60,126	55,215 (91.8)	2,291 (3.8)	2,517 (4.2)
Architecture and engineering	503	449 (89.3)	28 (5.6)	25 (5.0)
Arts, design, entertainment, sports, and media	1,370	1,233 (90.0)	82 (6.0)	52 (3.8)
Building and grounds cleaning and maintenance	3,388	3,165 (93.4)	58 (1.7)	160 (4.7)
Business and financial operations	900	781 (86.8)	86 (9.6)	33 (3.7)
Community and social services	563	481 (85.4)	47 (8.3)	34 (6.0)
Computer and mathematical	519	436 (84.0)	63 (12.1)	19 (3.7)
Construction and extraction	12,660	11,887 (93.9)	199 (1.6)	540 (4.3)
Education, training, and library	547	423 (77.3)	99 (18.1)	25 (4.6)
Farming, fishing, and forestry	542	513 (94.6)	10 (1.8)	17 (3.1)
Food preparation and serving-related	6,461	6,042 (93.5)	169 (2.6)	240 (3.7)
Healthcare practitioners and technical	1,637	1,357 (82.9)	195 (11.9)	82 (5.0)
Healthcare support	1,674	1,503 (89.8)	85 (5.1)	82 (4.9)
Installation, maintenance, and repair	3,314	3,087 (93.2)	76 (2.3)	150 (4.5)
Legal	271	229 (84.5)	31 (11.4)	11 (4.1)
Life, physical, and social science	244	210 (86.1)	22 (9.0)	12 (4.9)
Management	2,922	2,659 (91.0)	143 (4.9)	116 (4.0)
Office and administrative support	3,277	2,907 (88.7)	223 (6.8)	143 (4.4)
Personal care and service	2,479	2,218 (89.5)	126 (5.1)	133 (5.4)
Production	3,843	3,585 (93.3)	107 (2.8)	142 (3.7)
Protective service	755	674 (89.3)	36 (4.8)	44 (5.8)
Sales and related	4,902	4,465 (91.1)	240 (4.9)	194 (4.0)
Transportation and material moving	7,355	6,911 (94.0)	166 (2.3)	263 (3.6)

NOTES: Overdose intent was determined using the underlying cause-of-death *International Classification of Diseases, 10th Revision* codes for unintentional (X40–X44), suicidal (X60–X64), and homicidal (X85) overdoses, as well as overdoses of undetermined intent (Y10–Y14). Homicidal overdoses are not presented due to small cell counts. See Technical Notes in this report for more information.

SOURCE: National Center for Health Statistics, National Vital Statistics System, Mortality, 2020.

Table I–10. Drug overdose deaths in U.S. decedents aged 15–64, by overdose intent and usual industry group: 46 states and New York City, 2020

Usual industry group	Total drug overdose deaths	Unintentional <i>N</i> (percent)	Suicide <i>N</i> (percent)	Undetermined <i>N</i> (percent)
Total	58,920	54,054 (91.7)	2,284 (3.9)	2,480 (4.2)
Accommodation and food services	7,848	7,352 (93.7)	204 (2.6)	279 (3.6)
Administrative, support, and waste services	3,642	3,389 (93.1)	83 (2.3)	167 (4.6)
Agriculture, forestry, fishing, and hunting	787	737 (93.6)	26 (3.3)	22 (2.8)
Arts, entertainment, and recreation	1,547	1,406 (90.9)	77 (5.0)	60 (3.9)
Construction	13,645	12,782 (93.7)	232 (1.7)	596 (4.4)
Education services	841	684 (81.3)	119 (14.1)	38 (4.5)
Finance and insurance	948	827 (87.2)	85 (9.0)	35 (3.7)
Healthcare and social assistance	5,168	4,506 (87.2)	397 (7.7)	256 (5.0)
Information	739	674 (91.2)	43 (5.8)	22 (3.0)
Management of companies and enterprises	26	* ...	* ...	* ...
Manufacturing	5,486	5,087 (92.7)	181 (3.3)	205 (3.7)
Mining	494	464 (93.9)	8 (1.6)	20 (4.0)
Other services (except public administration)	4,243	3,899 (91.9)	129 (3.0)	212 (5.0)
Professional, scientific, and technical services	1,855	1,591 (85.8)	177 (9.5)	86 (4.6)
Public administration	956	825 (86.3)	76 (7.9)	54 (5.6)
Real estate, rental, and leasing	626	570 (91.1)	35 (5.6)	21 (3.4)
Retail trade	5,432	4,932 (90.8)	262 (4.8)	235 (4.3)
Transportation and warehousing	3,682	3,420 (92.9)	113 (3.1)	138 (3.7)
Utilities	383	361 (94.3)	12 (3.1)	9 (2.3)
Wholesale trade	572	526 (92.0)	22 (3.8)	24 (4.2)

* Estimate does not meet National Center for Health Statistics standards of reliability or precision.

... Category not applicable.

NOTES: Overdose intent was determined using the underlying cause-of-death *International Classification of Diseases, 10th Revision* codes for unintentional (X40–X44), suicidal (X60–X64), and homicidal (X85) overdoses, as well as overdoses of undetermined intent (Y10–Y14). Homicidal overdoses are not presented due to small cell counts. See Technical Notes in this report for more information.

SOURCE: National Center for Health Statistics, National Vital Statistics System, Mortality, 2020.