

NIOSH BIBLIOGRAPHY OF COMMUNICATION AND RESEARCH PRODUCTS | 2023



Centers for Disease Control and Prevention
National Institute for Occupational Safety and Health

Cover: Photographs on the cover of the *NIOSH Bibliography of Communication and Research Products 2023* represent just a few of the workers and professions that NIOSH conducts research for. The photographs are described below:

1. An office worker stands at an ergonomic desk while typing on a laptop computer. Photo by ©Alvarez/Getty Images
2. A manager speaks with workers in a meeting room. Photo by ©isayildiz/Getty Images
3. A construction worker puts on hearing protection as he stands in front of a concrete pump truck wearing a hard hat, protective eyewear, and a reflective vest. Photo by ©kali9/Getty Images
4. Workers stand in front of a computer that operates a robotic arm in a factory. Photo by ©Krittanut Unsombut/Getty Images
5. A doctor consoles a coworker. Photo by ©PeopleImages/Getty Images
6. Firefighters adjust their respirators at the scene of a fire. Photo by ©slobo/Getty Images
7. A farmer feeds hay to cows in a barn. Photo by ©Georgijevic/Getty Images
8. An oil and gas industry worker uses a smartphone and laptop. Photo by ©shotbydave/Getty Images

NIOSH

**Bibliography
of Communication
and Research Products**

2023

DEPARTMENT OF HEALTH AND HUMAN SERVICES
Centers for Disease Control and Prevention
National Institute for Occupational Safety and Health

This document is in the public domain and may be freely copied or reprinted.

Disclaimer

Mention of any company or product does not constitute endorsement by the National Institute for Occupational Safety and Health (NIOSH), Centers for Disease Control and Prevention (CDC). In addition, citations to websites external to NIOSH do not constitute NIOSH endorsement of the sponsoring organizations or their programs or products. Furthermore, NIOSH is not responsible for the content of these websites. All web addresses referenced in this document were accessible as of the publication date.

Get More Information

Find NIOSH products and get answers to workplace safety and health questions:

1-800-CDC-INFO (1-800-232-4636) | TTY: 1-888-232-6348

CDC/NIOSH INFO: cdc.gov/info | cdc.gov/niosh

Monthly *NIOSH eNews*: cdc.gov/niosh/eNews

Suggested Citation

NIOSH [2024]. NIOSH bibliography of communication and research products 2023. By Lechliter J, Hamilton C, Bohman MB, Brown T, Fendinger S, Hornback D, North K, Reuss V. Cincinnati, OH: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2024–113, <https://doi.org/10.26616/NIOSH PUB2024113>.

DHHS (NIOSH) Publication No. 2024-113

April 2024

Foreword

As the director of the National Institute for Occupational Safety and Health (NIOSH), I take pride in presenting the *NIOSH Bibliography of Research and Communication Products 2023*. This bibliography lists a wide variety of NIOSH products published in 2023. Each focuses on improving the safety, health, and lives of workers.

NIOSH research and communications products result from the NIOSH mission to develop and put into practice new occupational safety and health knowledge. NIOSH and its partners work to make workplaces safer, healthier, and more productive.

NIOSH does research and recommends how to prevent work-related injuries, illnesses, and deaths. NIOSH also provides training and education to workers, employers, and other partners to help them understand and implement workplace safety and health best practices.

The products in this bibliography reflect the wide range of NIOSH work. They include journal articles, research reports, fact sheets, training materials, and other workplace safety and health resources. Content covers preventing workplace injuries and illnesses, protecting workers from exposure to hazardous chemicals and other workplace hazards, and promoting workplace wellness.

Please explore the products in this bibliography and learn more about the work that NIOSH is doing to keep workers safe and healthy. I also encourage you to share this bibliography freely with your colleagues in the occupational health and safety community.

Thank you for your interest in NIOSH and our work to improve the safety and health of workers.



John Howard, M.D.
Director,
National Institute for
Occupational Safety and Health

This page intentionally left blank.



Contents

Foreword	iii
Introduction	vii
Research Highlights 2023	vii
Journal Articles.....	1
Books or Book Chapters	29
NIOSH Numbered Products	31
Proceedings.....	41
Abstracts	47
Control Technology Reports.....	53
Fatality Assessment and Control Evaluation Reports.....	55
Fire Fighter Fatality Investigation and Prevention Reports	57
Health Hazard Evaluation Reports	59
NIOSH Datasets.....	61
Author Index.....	67
National Occupational Research Agenda (NORA) Index	83

This page intentionally left blank.

Introduction

Research Highlights 2023

Below are examples of exemplary NIOSH research studies that advanced the safety and health of U.S. workers in 2023. Research recognized in Research Highlights was suggested by NIOSH Divisions, Labs, and Offices.

Characterizing Airborne Dust Generated From Grinding Engineered and Natural Stone Products

Outbreaks of silicosis (a serious lung disease) among workers in the stone countertop industry have been reported globally. This includes 52 silicosis cases and 10 fatalities in California in 2023. Due to the high crystalline silica content in some engineered stone products, overexposure to this

substance can still occur when workers use traditional dust control methods.

NIOSH researchers are developing control strategies as part of the effort to address this emerging public health threat. In this study, researchers systematically characterized dust emissions from grinding engineered and natural stone products in a laboratory testing system. The study was published in *Annals of Work Exposures and Health*. Results provided important scientific data to develop an overall exposure control strategy following the [NIOSH Hierarchy of Controls](#),



PHOTO BY NIOSH

A stone countertop worker uses a grinding tool to alter a countertop.

which offers different action levels to reduce or remove hazards.

Researchers found that working with engineered stone products manufactured from using specific formulas could lower respirable crystalline silica exposure to levels similar to working with most natural stones. Certain engineered stone products could even eliminate respirable crystalline silica exposure risks entirely. Using stone products made from certain formulas to reduce exposure aligns with the top strategies in the Hierarchy of Controls, which are eliminating and substituting hazardous materials. Researchers also found the highest respirable crystalline silica generation rates occurred in particles ranging 3.2–5.6 microns. Therefore, when developing engineering controls, focusing on removing particles in the 3.2–5.6 micron size range is key to significantly reducing exposure to respirable crystalline silica.

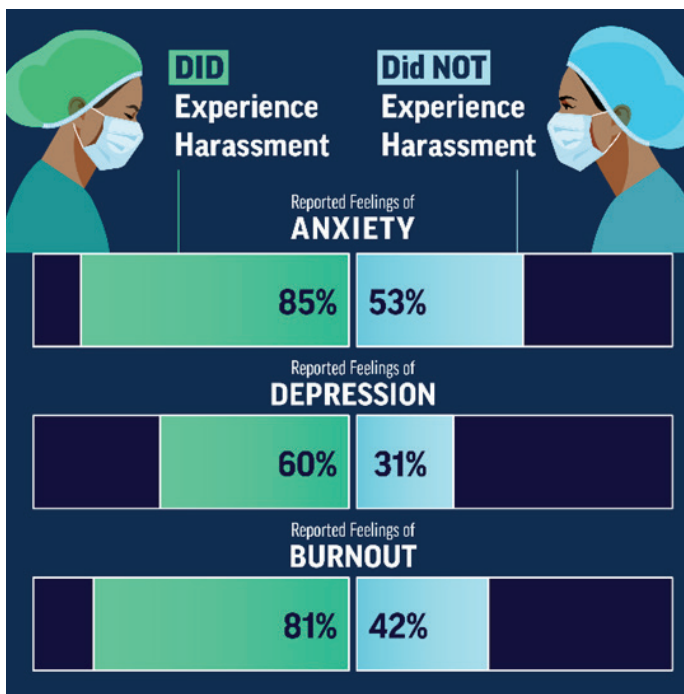
Thompson D, Qi C [2023].

Characterization of the emissions and crystalline silica content of airborne dust generated from grinding natural and engineered stones. *Ann Work Expo Health* 67(2):266–280.

Health Workers Face a Mental Health Crisis

Decades of research have identified aspects of work organization that can cause stress and present risks to worker well-being. Little is known about how those stressors affect health workers' well-being and how best to mitigate the risks. Health workers faced overwhelming demands and experienced crisis levels of burnout before the COVID-19 pandemic. The pandemic offered unique challenges that further added to the mental health crisis.

For the study, published in *Vital Signs* (a special feature of *CDC's Morbidity and Mortality Weekly Report*), NIOSH researchers wanted to assess working conditions and symptoms of burnout, anxiety, and depression. They used data from the 2018 and 2022 General Social Survey Quality of Worklife Module. They focused on health workers, other essential workers, and all remaining workers before and during the COVID-19 pandemic.



Health workers who experienced harassment were more likely to report burnout, depression, and anxiety, compared with those who did not.



PHOTO BY ©VADIM_KEY/GETTY IMAGES

When public health workers experience workplace violence, their mental health suffers.

Health workers reported more days of poor mental health in 2022 than in 2018. They were also more likely to report burnout. Those who experienced harassment at work were more likely to report symptoms of burnout, anxiety, and depression than those who did not. Positive working conditions, such as trust in management and supervisor help, were associated with lower odds of poor mental health symptoms and burnout. These research findings direct attention to aspects of work that can be improved to support health worker well-being.

Nigam JA, Barker RM, Cunningham TR, Swanson NG, Chosewood LC [2023]. [Vital Signs: Health worker-perceived working conditions and symptoms of poor mental health—Quality of Worklife Survey, United States, 2018–2022. MMWR 72\(44\):1197–1205.](#)

Workplace Violence and the Mental Health of Public Health Workers During COVID-19

During the COVID-19 pandemic, public health workers faced an increased risk of workplace violence and harassment. NIOSH researchers wanted to see how the COVID-19 pandemic and workplace stressors impacted public health workers' mental health. They analyzed data on over 26,000 state, local, and tribal public health workers. The study was published in the *American Journal of Preventive Medicine*.

Researchers found that one out of three public health workers experienced at least one form of workplace violence. Examples of this included receiving job threats or being bullied, harassed, or stigmatized. Results showed that experiencing workplace violence was associated with a 21% greater risk of reporting depression or anxiety, a 31%

greater risk of reporting posttraumatic stress disorder, and a 26% greater risk of reporting suicidal thoughts, even after controlling for other risk factors.

The more workplace violence the public health worker experienced, the greater the impact on their mental health. Several work factors were found to be associated with increasing workplace violence, such as hours worked and public interaction. The authors hope to shed light on one alarming outcome of the COVID-19 pandemic—workplace violence against public health workers.

Tiesman HM, Hendricks SA, Wiegand DM, Lopes-Cardozo B, Rao CY, Horter L, Rose CE, Byrkit R [2023]. *Workplace violence and the mental health of public health workers during COVID-19*. *Am J Prev Med* 64(3):315–325.

Insight on the Pathobiology of Traumatic Brain Injury

Traumatic brain injury (TBI) is a common occupational hazard, affecting almost 3 million people each year. Severe TBI puts people at high risk for disability and death. Most TBIs, however, are mild, and many go unnoticed or untreated. Any TBI can lead to brain damage, inflammation, and long-lasting health effects. NIOSH researchers decided to investigate underlying differences in brain pathobiology (biological processes) of severe and mild TBI.

Their study, published in *Brain Sciences*, used a rat model to research TBIs of varying severities. Effects of severe TBI included prolonged unconsciousness, impaired neurobehavior, increased mortality risk, and neuron damage and inflammation throughout the brain. Effects of mild TBI included shorter periods of unconsciousness, no neurobehavioral deficits, and mild brain inflammation without neuron loss.

Researchers aligned these data with a computational model of neuron-glia

interaction. This revealed that severe TBI strongly correlated with the inflammatory state of the model. Mild TBI fell between the normal and inflammatory states. These findings highlight the possibility to miss a mild TBI diagnosis. They also suggest potential for health benefits in the identification of biomarkers of mild TBI.

Michalovicz LT, Kelly KA, Craddock TJA, O’Callaghan JP [2023]. *A projectile concussive impact model produces neuroinflammation in both mild and moderate-severe traumatic brain injury*. *Brain Sci* 13(4):623.

The Use of Respirators and Face-worn Products as Source Control Products

During the COVID-19 pandemic, respirators and surgical masks were used as source control to prevent the spread of disease. Shortages of N95® filtering facepiece respirators (FFRs) that are NIOSH Approved® caused workers and others to use alternative respirators, such as elastomeric half mask respirators (EHMRs), as respiratory protection. When the pandemic began, all NIOSH Approved EHMRs had exhalation valves. These valves allowed some amount of unfiltered breath to be exhaled into the area around its user. A concern was that wearers may be infected and spread disease through unfiltered exhalation.

Researchers at West Virginia University and NIOSH wanted to find the total outward leakage from the respirators and surgical masks being worn. They investigated the total outward leakage of surgical masks and NIOSH Approved respirators. These included N95 FFRs, N95 FFRs with a valve, EHMRs with a valve, and EHMRs with a valve covered by a surgical mask. They conducted the study using a manikin headform performing cyclic breathing under different conditions of facepiece sealing levels and flowrates.



PHOTO BY NIOSH

One of the respirator devices with an exhalation valve tested.

The study, published in the *Journal of Occupational & Environmental Hygiene*, found that N95 FFRs without exhalation valves had the lowest mean total outward leakage. Surgical masks had about three times higher total outward leakage than the N95 FFRs without exhalation valves. Reduced face-seal leakage for N95 FFRs and surgical masks improved their source control. Using a surgical mask to cover the exhalation valve did not improve EHMR efficiency in lowering the total outward leakage.

Attribution Statement: N95 and NIOSH Approved are certification marks of the U.S. Department of Health and Human Services (HHS) registered in the United States and several international jurisdictions.

Myers WR, Yang W, Ryan KJ, Bergman MS, Fisher EM, Soo J-C, Zhuang Z [2023]. Total outward leakage of half-mask respirators and surgical masks used for source control. *J Occup Environ Hyg* 20(12):610–620.

Advancing the Training for Mineworkers to Self-escape

After an [extensive study](#) sponsored by NIOSH, the National Academy of Sciences (NAS) Committee on Mine Safety concluded that

“the quality and quantity of escape training still falls far behind what is necessary to ensure that all mine personnel can effectively escape a mine emergency.”

In response, NIOSH created a technical report which outlines actions NIOSH took in response to four specific NAS recommendations to improve self-escape training. These actions include the following:

- Analyzing what tasks miners would take to self-escape.
- Finding the gap between the skills and knowledge miners have and need.
- Developing the parts or steps for effective training.
- Reviewing literature in detail on emergency response training and decision-making under stress.

The report focused on preparing rank-and-file mineworkers for self-escape. It also served as the basis for practical guidance in its companion publication, the NIOSH Information Circular [Self-escape Core Competency Profile: Guidance for Improving Underground Coal Miners’ Self-escape Competency](#). The circular offers an evidence-based self-escape competency framework that came from the findings of this research. This work aligns with one of the NIOSH Mining Program’s Strategic Goals to reduce the risk of mine disasters and improve the post-disaster survivability of mineworkers.

NIOSH [2023]. Advancing self-escape training: a needs analysis based on the National Academy of Sciences report “Improving self-escape from underground coal mines.” By Hoebbel CL, Bellanca JL, Ryan ME, Brnich MJ Jr. Pittsburgh, PA: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2023-134 (Revised 06/2023).

Malignant Mesothelioma Among U.S. Medicare Beneficiaries: Incidence, Prevalence, and Therapy

Mesothelioma is an aggressive cancer typically seen in older adults. The disease is caused by exposure to asbestos fibers. Patients who receive trimodal therapy (chemotherapy, radiation, and surgery) live longer than those receiving one or two kinds of treatment.

Cancer registry data are typically used to describe the epidemiology of mesothelioma. However, the data contain limited treatment information. In this study, researchers developed broad, intermediate, and narrow case definitions using diagnostic



PHOTO BY NIOSH

Miner taking a NIOSH self-escape KSA (knowledge, skills, and abilities) survey as part of a training needs analysis.



PHOTO BY ©WILLSIE/GETTY IMAGES

Digital chest X-ray of asbestos-related mesothelioma.

and treatment data. They applied these definitions to estimate mesothelioma incidence, prevalence, and treatment among 42.5 million people filing Medicare claims. By developing the definitions, researchers addressed challenges of using medical claims data for public health purposes. The study was published in *Occupational & Environmental Medicine*.

During the study period, a range of 8,213–19,036 mesothelioma patients were identified depending on the case definition. Among 13,642 patients who met the intermediate definition, 7,638 (56%) had claim information that indicated they received treatment. Of these, 9% received chemotherapy alone, 1.5% received radiation alone, 19% received surgery alone, and 6% received trimodal therapy.

For mesothelioma surveillance, this study demonstrates that claims data are an important complement to cancer registry data, which have a reporting lag and contain limited treatment information. Those in public health can adapt and apply the methods developed in this study to support surveillance for other chronic conditions in the Medicare population.

Kurth L, Mazurek JM, Blackley DJ [2023]. Malignant mesothelioma among U.S. Medicare beneficiaries: incidence, prevalence and therapy, 2016–2019. *Occup Environ Med* 80(2):86–92.

Occupational Exposure to Respirable Crystalline Silica Among U.S. Metal and Nonmetal Miners, 2000–2019

More than 90% of U.S. mines are noncoal, including metal, nonmetal, stone, sand, and gravel mines. Respirable crystalline silica exposures are a long-recognized health hazard in these noncoal mines. Respirable crystalline silica, commonly known as silica, silica dust, or quartz, is classified as a human carcinogen. Exposure can cause lung, heart, and kidney diseases.

In this study, published in the *American Journal of Industrial Medicine*, NIOSH described miners' hazardous respirable crystalline silica exposures over the 20-year period, 2000–2019. Researchers used data from personal breathing zone respirable crystalline silica samples collected by the Mine Safety and Health Administration (MSHA). They found that metal and nonmetal miners' personal exposures varied significantly by year, mine type, sector, commodity, occupation, and location in a mine.

Overall, the percentage of respirable crystalline silica exposures above the MSHA permissible exposure limit (100 micrograms per cubic meter or $\mu\text{g}/\text{m}^3$) was 11.8%. The percentage above the NIOSH recommended



PHOTO BY NIOSH

Respirable crystalline silica exposures are a long-recognized health hazard in noncoal mines, such as this sand and gravel mine.

exposure limit ($50 \mu\text{g}/\text{m}^3$) was 27.3%. These overexposures indicated substantial risk. Notably, the geometric mean exposures in years 2018 ($45.9 \mu\text{g}/\text{m}^3$) and 2019 ($52.9 \mu\text{g}/\text{m}^3$) were significantly higher than the geometric means for all years prior. This might be due to a more focused sampling strategy during this time period.

Overexposures to respirable crystalline silica among U.S. metal and nonmetal miners continue and may be increasing in certain settings and occupations. Further research and interventions are needed to prevent silica-induced diseases.

Misra S, Sussell AL, Wilson SE, Poplin G [2023]. Occupational exposure to respirable crystalline silica among U.S. metal and nonmetal miners, 2000–2019. *Am J Ind Med* 66(3):199–212.

Oil and Gas Extraction Workers, Risky Driving Behaviors, and Employer Safety Policies

Transportation incidents are the leading cause of fatal work-related injuries in the U.S. oil and gas extraction industry. Oil and gas extraction workers who drive for work face multiple crash risk factors, such as fatigue, long work hours, and long commutes. Limited research exists that describes risky driving behaviors among these workers. Studies on the prevalence of employer policies and practices in this industry aimed at reducing crash and injury risk are also limited.

NIOSH researchers set out to explore factors that may affect the risk of injury and illness among oil and gas extraction workers. They surveyed 500 of these workers in three states. This study, published in *The National*

Occupational Injury Research Symposium special issue of the *Journal of Safety Research*, analyzed responses from 363 oil and gas extraction workers who drove for work.

Researchers found hands-free cell phone use the most commonly reported risky driving behavior among workers (60%). Employer policies banning hands-free cell phone use were the least common safety policy reported (35%). Results also showed these other factors significantly associated with risky driving behaviors:

- Longer work and commuting hours.
- Lack of employer motor vehicle safety policies.
- Experience of a work crash.
- Employment as an oil and gas extraction operator.

These findings highlight the importance of motor vehicle safety interventions, such as bans on cell phone use while driving.

Wingate KC, Pratt S, Ramirez-Cardenas A, Hagan-Haynes K [2023]. Risky driving behaviors and employer motor vehicle safety policies among U.S. oil and gas extraction workers. *J Safety Res* 86:12–20.

World Trade Center Health Program and Opioid Prescriptions Among Its Members

Congress established the World Trade Center Health Program in 2011. Its purpose is to provide high-quality medical monitoring and treatment for physical and mental health conditions resulting from the 9/11 attacks in New York, at the Pentagon, and in Shanksville, Pennsylvania. As of December 31, 2023, about 130,000 members have enrolled in the program, with membership growth of over 5% each year.



PHOTO BY NIOSH

Transportation incidents are the leading cause of fatal work-related injuries in the oil and gas industry.



PHOTO BY ©JANNHUIZENGA/GETTY IMAGES

Study findings showed that World Trade Center Health Program members had low opioid prescription rates. Opioids were mainly prescribed for cancer, hospice, and end-of-life care.

The opioid overdose epidemic is among the most pressing recent public health challenges in the United States, resulting in a dramatic increase in prescription-related deaths. Since 2018, the program has implemented various interventions to prevent prescription opioid overuse among its members. This study, published in *BMC Health Services Research*, describes opioid prescriptions dispensed to program members during 2013–2021. Researchers also used standardized measures to evaluate program interventions on opioid prescribing.

NIOSH found that program-paid opioid prescription rates for all members, including those with noncancer pain, were low. Opioids were mainly prescribed for cancer, hospice, and end-of-life care. Findings showed program interventions to prevent opioid overuse coincided with better outcomes. The study also identified possible areas for improvement and insights for other health programs in managing opioid use. Therefore, continued surveillance of program-paid opioid prescriptions is suggested.

Liu R, Calvert GM, Anderson KR, Malcolm H, Cimineri L, Dupont H, Martinez M [2023]. [Opioid prescriptions among the World Trade Center Health Program population.](#) *BMC Health Serv Res* 23:1323.

Journal Articles

NOTE: NIOSHTIC-2 numbers are linked to the corresponding page in the NIOSHTIC-2 Bibliographic Database. Clicking on page numbers will cause the page to jump to the corresponding reference.

Ahn C, Lee T, Shin JH, Lee JS, Thiyagarajan Upaassana V, Ghosh S, Ku BK [2023]. [Lab on a chip for detecting Clara cell protein 16 \(CC16\) for potential screening of the workers exposed to respirable silica aerosol](#). *Microfluid Nanofluidics* 27(11):72.

NIOSHTIC-2: [20068554](#) | NORA: Oil and Gas Extraction

Ajayi KM, Khademian Z, Schatzel SJ, Rubinstein EN [2023]. [Implications of shale gas well integrity failure near a longwall mine under shallow cover](#). *Min Metall Explor* 40(2):543–553.

NIOSHTIC-2: [20067030](#) | NORA: Mining / Oil and Gas Extraction

Aljaroudi AM, Bhattacharya A, Strauch A, Quinn TD, Williams WJ [2023]. [Effect of cooling on static postural balance while wearing firefighter's protective clothing in a hot environment](#). *Int J Occup Saf Ergon* 29(4):1460–1466.

NIOSHTIC-2: [20066294](#) | NORA: Public Safety

Almberg KS, Halldin CN, Friedman LS, Go LHT, Rose CS, Hall NB, Cohen RA [2023]. [Increased odds of mortality from non-malignant respiratory disease and lung cancer are highest among U.S. coal miners born after 1939](#). *Occup Environ Med* 80(3):121–128.

NIOSHTIC-2: [20066805](#) | NORA: Mining

Amoscato AA, Anthonymuthu T, Kapralov O, Sparvero LJ, Shrivastava IH, Mikulska-Ruminska K, Tyurin VA, Shvedova AA, Tyurina YY, Bahar I, Wenzel S, Bayir H, Kagan VE [2023]. [Formation of protein adducts with hydroperoxy-PE electrophilic cleavage products during ferroptosis](#). *Redox Biol* 63:102758.

NIOSHTIC-2: [20067711](#) | NORA: Manufacturing

Andel R, Veal BM, Howard VJ, MacDonald LA, Judd SE, Crowe M [2023]. [Retirement and cognitive aging in a racially diverse sample of older Americans](#). *J Am Geriatr Soc* 71(9):2769–2778.

NIOSHTIC-2: [20068049](#)

Anderson N, Marcum J, Bonauto D, Siegel M, LaSee C [2023]. [The relative burden of occupational injuries and illnesses in firefighters: an analysis of Washington workers' compensation claims, 2006–2020](#). *Int J Environ Res Public Health* 20(22):7077.

NIOSH TIC-2: 20068821 | NORA: Public Safety

Antonini JM, Kodali V, Meighan TG, McKinney W, Cumpston JL, Leonard HD, Cumpston JB, Friend S, Leonard SS, Andrews R, Zeidler-Erdely PC, Erdely A, Lee EG, Afshari AA [2023]. [Lung toxicity, deposition, and clearance of thermal spray coating particles with different metal profiles after inhalation in rats](#). *Nanotoxicology* 17(10):669–686.

NIOSH TIC-2: 20069056

Armenti K, Sweeney MH, Lingwall C, Yang L [2023]. [Work: a social determinant of health worth capturing](#). *Int J Environ Res Public Health* 20(2):1199.

NIOSH TIC-2: 20066840

Asfaw A [2023]. [Association between reasons for not working and reporting of major depression and anxiety symptoms among U.S. adult population during the COVID-19 pandemic](#).

J Workplace Behav Health 38(3):293–320.

NIOSH TIC-2: 20067331

Asfaw A [2023]. [Paid sick leave and self-reported depression and anxiety: evidence from a nationally representative longitudinal survey](#). *Am J Prev Med*: Epub ahead of print, 2023 November.

NIOSH TIC-2: 20068822

Barham M, Bauerle T, Eiter B [2023]. [Are fatigue and sleepiness the same? A brief introduction to the differences and similarities and their implications for work safety](#). *Min Metall Explor*: Epub ahead of print, 2023 December.

NIOSH TIC-2: 20069072 | NORA: Mining

Baur R, Kashon M, Lukomska E, Weatherly LM, Shane HL, Anderson SE [2023]. [Exposure to the anti-microbial chemical triclosan disrupts keratinocyte function and skin integrity in a model of reconstructed human epidermis](#). *J Immunotoxicol* 20(1):1–11.

NIOSH TIC-2: 20066671 | NORA: Healthcare and Social Assistance / Oil and Gas Extraction

Beaudry MF, Beaudry AG, Bradley JP, Haynes DE, Holland G, Edwards A, Baker BA, Jacobson BR, Chetlin RD [2023]. [Comparison of the “tall and fall” versus “drop and drive” pitching styles: analysis of Major League Baseball pitchers during a single season](#). *Orthop J Sports Med* 11(5).

NIOSH TIC-2: 20067709

Bellanca JL, Macdonald B, Navoyski J, Hrica JK, Orr TJ, Demich B, Hoebbel CL [2023]. [Using near-miss events to create training videos](#). *Min Metall Explor* 40(4):1091–1099.

NIOSH TIC-2: 20067782 | NORA: Mining

Benishek LE, Radonovich LJ, Blackley BH, Weissman DN [2023]. [Healthcare workers' infection risk perceptions of aerosol-generating procedures and affective response](#). *Antimicrob Steward Healthc Epidemiol* 3(1):e29.

NIOSHTIC-2: 20067029

Benishek LE, Tomasi SE, Pikel L, Golab GC [2023]. [Veterinarian COVID-19 vaccine uptake was widespread, but safety and efficacy concerns held some back: descriptive results from a survey of AVMA members' perceptions of COVID-19](#). *J Am Vet Med Assoc* 261(5):678–687.

NIOSHTIC-2: 20066807

Bennett JS, Mahmoud S, Dietrich W, Jones B, Hosni M [2023]. [Evaluating vacant middle seats and masks as Coronavirus exposure reduction strategies in aircraft cabins using particle tracer experiments and computational fluid dynamics simulations](#). *Eng Rep* 5(4):e12582.

NIOSHTIC-2: 20066408 | NORA: Transportation, Warehousing and Utilities

Bergman MS, Grinshpun SA, Yermakov MV, Zhuang Z, Vollmer BE, Yoon KN [2023]. [Fit evaluation of NIOSH Approved N95 filtering facepiece respirators with various skin protectants: a pilot study](#). *J Occup Environ Hyg* 20(9):365–372.

NIOSHTIC-2: 20067797

Biney I, Ari A, Barjaktarevic IZ, Carlin B, Christiani DC, Cochran L, Drummond MB, Johnson K, Kealing D, Kuehl PJ, Li J, Mahler DA, Martinez S, Ohar J, Radonovich L, Sood A, Suggett J, Tal-Singer R, Tashkin D, Yates J, Cambridge L, Dailey PA, Mannino DM, Dhand R [2023]. [Guidance on mitigating the risk of transmitting respiratory infections during nebulization by the COPD Foundation Nebulizer Consortium](#). *Chest*: Epub ahead of print, 2023 November.

NIOSHTIC-2: 20068802

Blackley BH, Nett RJ, Cox-Ganser JM, Harvey RR, Virji MA [2023]. [Eye and airway symptoms in hospital staff exposed to a product containing hydrogen peroxide, peracetic acid, and acetic acid](#). *Am J Ind Med* 66(8):655–669.

NIOSHTIC-2: 20067638

Blackwood CB, Croston TL, Barnes MA, Lemons AR, Rush RE, Goldsmith T, McKinney WG, Anderson S, Weaver KL, Sulyok M, Park J-H, Germolec D, Beezhold DH, Green B [2023]. [Optimization of *Aspergillus versicolor* culture and aerosolization in a murine model of inhalational fungal exposure](#). *J Fungi (Basel)* 9(11):1090.

NIOSHTIC-2: 20068820

Boggess B, Prager S, Lincoln JM, Foss NE, Kissam E, Partida S, Lainz AR [2023]. [CDC-supported national network of farmworker-serving organizations to mitigate COVID-19](#). *Am J Public Health* 113(2):166–169.

NIOSHTIC-2: 20066882

Bonner EM, Horn GP, Smith DL, Kerber S, Fent KW, Tidwell LG, Scott RP, Adams KT, Anderson KA [2023]. [Silicone passive sampling used to identify novel dermal chemical exposures of firefighters and assess PPE innovations](#). *Int J Hyg Environ Health* 248:114095.

NIOSH TIC-2: 20066617 | NORA: Public Safety

Bonney T, Grant MP [2023]. [Local health department engagement with workplaces during the COVID-19 pandemic—examining barriers of and facilitators to outbreak investigation and mitigation](#). *Front Public Health* 11:1–9.

NIOSH TIC-2: 20067315 | NORA: Services

Bourgeois J, Warren S, Armstrong J [2023]. [Utilization of statistical analysis to identify influential slope parameters associated with rockfall at open pit mines](#). *Min Metall Explor* 40(4):1101–1112.

NIOSH TIC-2: 20067951

Brueck SE, Eisenberg J, Zechmann EL, Murphy WJ, Krieg E, Morata TC [2023]. [Noise exposure and hearing loss among workers at a hammer forge company](#). *Semin Hear* 44(4):485–502.

NIOSH TIC-2: 20068141 | NORA: Construction / Services

Burgess JL, Fisher JM, Nematollahi A, Jung AM, Calkins MM, Graber JM, Grant CC, Beitel SC, Littau SR, Gulotta JJ, Wallentine DD, Hughes RJ, Popp C, Calafat AM, Botelho JC, Coleman AD, Schaefer-Solle N, Louzado-Feliciano P, Oduwole SO, Caban-Martinez AJ [2023]. [Serum per- and polyfluoroalkyl substance concentrations in four municipal U.S. fire departments](#). *Am J Ind Med* 66(5):411–423.

NIOSH TIC-2: 20065667

Calvert GM [2023]. [Tracking diseases related to the terrorist attacks of September 11, 2001](#). *Arch Environ Occup Health* 78(5):253–259.

NIOSH TIC-2: 20066938

Calvert GM, Anderson K, Cochran J, Cone JE, Harrison DJ, Haugen PT, Lilly G, Lowe SM, Luft BJ, Moline JM, Reibman J, Rosen R, Udasin IG, Werth AS [2023]. [The World Trade Center Health Program: an introduction to best practices](#). *Arch Environ Occup Health* 78(4):199–205.

NIOSH TIC-2: 20066661

Calvert GM, Lilly G, Cochran J [2023]. [The World Trade Center Health Program: cancer screening and cancer care best practices](#). *Arch Environ Occup Health* 78(4):222–228.

NIOSH TIC-2: 20067148

Carey I, Hendricks K [2023]. [Workplace violence against healthcare workers using nationally representative estimates of emergency department data, 2015–2017](#). *Am J Ind Med* 66(4):333–338.

NIOSH TIC-2: 20066894

Carson LM, Marsh SM, Brown MM, Elkins KL, Tiesman HM [2023]. [An analysis of suicides among first responders—findings from the National Violent Death Reporting System, 2015–2017](#). *J Safety Res* 85:361–370.

NIOSHTIC-2: 20067449

Carter J, Bjorkland R, Boyes WK, Geraci C, Hackley VA, Howard J, Kennedy A, Linkov I, Matheson J, Mortensen H, Muianga C, Petersen EJ, Savage N, Schulte P, Standridge S, Thomas T, Trump B, Nadadur S [2023]. [U.S. federal perspective on critical research issues in nanoEHS](#). *Environ Sci Nano* 10(10):2623–2633.

NIOSHTIC-2: 20068606

Castillo DN, Schuler CR, Socias-Morales CM, Sinelnikov S [2023]. [2022 National Occupational Injury Research Symposium \(NOIRS\): preventing workplace injuries in a changing world](#). *J Safety Res* 86:2–4.

NIOSHTIC-2: 20067953

Chambers D, Shrage J [2023]. [Seismoacoustic monitoring of a longwall face using distributed acoustic sensing](#). *Bull Seismol Soc Am* 113(4):1652–1663.

NIOSHTIC-2: 20068139 | NORA: Mining

Chen H, Jog MA, Turkevich LA [2023]. [Computational fluid dynamics simulations of aerosol behavior in a high-speed \(Heubach\) rotating drum dustiness tester](#). *Particuology* 72:68–80.

NIOSHTIC-2: 20065261 | NORA: Manufacturing

Chen H, Turkevich LA, Jog MA, Ghia U [2023]. [Numerical investigation of powder aerosolization in a mining rock dust dispersion chamber](#). *J Loss Prev Process Ind* 83:105050.

NIOSHTIC-2: 20067664 | NORA: Manufacturing

Cheng MH, Liang C-J, McKenzie EA Jr., Dominguez EG [2023]. [Identification of contact avoidance zones of robotic devices in human-robot collaborative workspaces](#). *IFAC Pap OnLine* 56(3):577–582.

NIOSHTIC-2: 20069118 | NORA: Manufacturing

Chin B, Rundell SD, Sears JM, Fulton-Kehoe D, Spector JT, Franklin GM [2023]. [Intensity of physical therapy services: association with work and health outcomes in injured workers with back pain in Washington State](#). *Am J Ind Med* 66(1):94–106.

NIOSHTIC-2: 20066368

Chiu SK, Brueck SE, Wiegand DM, Free HL, Echt H [2023]. [Evaluation of low-frequency noise, infrasound, and health symptoms at an administrative building and men’s shelter: a case study](#). *Semin Hear* 44(4):503–520.

NIOSHTIC-2: 20068616 | NORA: Services

Christensen BT, Calkins MM [2023]. [Occupational exposure to per- and polyfluoroalkyl substances: a scope review of the literature from 1980–2021](#). *J Expo Sci Environ Epidemiol* 33(5):673–686.

NIOSH TIC-2: 20067257

Cochran SJ, Acosta L, Divjan A, Lemons AR, Rundle AG, Miller RL, Sobek E, Green BJ, Perzanowski MS, Dannemiller KC [2023]. [Fungal diversity in homes and asthma morbidity among school-age children in New York City](#). *Environ Res* 239(Part 1):117296.

NIOSH TIC-2: 20068596

Cossaboom CM, Wendling NM, Lewis NM, Rettler H, Harvey RR, Amman BR, Towner JS, Spengler JR, Erickson R, Burnett C, Young EL, Oakeson K, Carpenter A, Kainulainen MH, Chatterjee P, Flint M, Uehara A, Li Y, Zhang J, Kelleher A, Lynch B, Retchless AC, Tong S, Ahmad A, Bunkley P, Godino C, Herzegh O, Drobeniuc J, Rooney J, Taylor D, Barton Behravesh C [2023]. [One Health investigation of SARS-CoV-2 in people and animals on multiple mink farms in Utah](#). *Viruses* 15(1):96.

NIOSH TIC-2: 20066743

Cox J, Christensen B, Burton N, Dunn KH, Finnegan M, Ruess A, Estill C [2023]. [Transmission of SARS-CoV-2 in the workplace: key findings from a rapid review of the literature](#). *Aerosol Sci Technol* 57(3):233–254.

NIOSH TIC-2: 20066923 | NORA: Services / Manufacturing / Construction

Coyle JP, Johnson C, Jensen J, Farcas M, Derk R, Stueckle TA, Kornberg TG, Rojanasakul Y, Rojanasakul LW [2023]. [Variation in pentose phosphate pathway-associated metabolism dictates cytotoxicity outcomes determined by tetrazolium reduction assays](#). *Sci Rep* 13:8220.

NIOSH TIC-2: 20067676 | NORA: Manufacturing

de Perio MA, Srivastav A, Razzaghi H, Laney AS, Black CL [2023]. [Paid sick leave among U.S. healthcare personnel, April 2022](#). *Am J Prev Med* 65(3):521–527.

NIOSH TIC-2: 20067088

DeBono NL, Daniels RD, Beane Freeman LE, Graber JM, Hansen J, Teras LR, Driscoll T, Kjaerheim K, Demers PA, Glass DC, Kriebel D, Kirkham TL, Wedekind R, Filho AM, Stayner L, Schubauer-Berigan MK [2023]. [Firefighting and cancer: a meta-analysis of cohort studies in the context of cancer hazard identification](#). *Saf Health Work* 14(2):141–152.

NIOSH TIC-2: 20067348

Derk RC, Coyle JP, Lindsley WG, Blachere FM, Lemons AR, Service SK, Martin SB Jr., Mead KR, Fotta SA, Reynolds JS, McKinney WG, Sinsel EW, Beezhold DH, Noti JD [2023]. [Efficacy of Do-It-Yourself air filtration units in reducing exposure to simulated respiratory aerosols](#). *Build Environ* 229:109920.

NIOSH TIC-2: 20066696 | NORA: Healthcare and Social Assistance / Construction

Dodd KE, Blackley DJ, Mazurek JM [2023]. [Cardiovascular disease among adults with work-related asthma, 2012–2017](#). *Am J Prev Med* 64(2):194–203.

NIOSHTIC-2: 20066442

Dong RG, Warren C, Xu XS, Wu JZ, Welcome DE, Waugh S, Krajnak K [2023]. [A novel rat-tail model for studying human finger vibration health effects](#). *Proc Inst Mech Eng H* 237(7):890–904.

NIOSHTIC-2: 20067861 | NORA: Manufacturing

Dougherty H, Watkins E, Kimutis R [2023]. [A network model analysis of an unconventional gas well breach above an underground coal mine](#). *Min Metall Explor* 40(6):2161–2166.

NIOSHTIC-2: 20068641 | NORA: Mining / Oil and Gas Extraction

Doza S, Bovbjerg V, Case S, Vaughan A, Kincl L [2023]. [Utilizing Haddon matrix to assess nonfatal commercial fishing injury factors in Oregon and Washington](#). *Inj Epidemiol* 10(1):18.

NIOSHTIC-2: 20067193 | NORA: Agriculture, Forestry and Fishing

Dutta A, Breloff SP, Mahmud D, Dai F, Sinsel EW, Warren CM, Wu JZ [2023]. [Automated classification of the phases relevant to work-related musculoskeletal injury risks in residential roof shingle installation operations using machine learning](#). *Buildings* 13(6):1552.

NIOSHTIC-2: 20068037 | NORA: Construction

Edirisooriya M, Haas EJ [2023]. [Examining the roles of training, fit testing, and safety climate on user confidence in respiratory protection: a case example with reusable respirators in health delivery settings](#). *Sustainability* 15(17):12822.

NIOSHTIC-2: 20068499 | NORA: Healthcare and Social Assistance

Eichwald J, Themann CL, Scinicariello F [2023]. [Safe listening at venues and events with amplified music—United States, 2022](#). *MMWR* 72(13):338–341.

NIOSHTIC-2: 20067249

Eiter BM, Dugdale ZJ, Robinson T, Nixon CT, Lawson H, Halldin CN, Stazick C [2023]. [Occupational safety and health of women in mining](#). *J Womens Health (Larchmt)* 32(4):388–395.

NIOSHTIC-2: 20067087 | NORA: Mining

Engler-Chiurazzi EB, Russell AE, Povroznik JM, McDonald KO, Porter KN, Wang DS, Hammock J, Billig BK, Felton CC, Yilmaz A, Schreurs BG, O’Callaghan JP, Zvezdaryk KJ, Simpkins JW [2023]. [Intermittent systemic exposure to lipopolysaccharide-induced inflammation disrupts hippocampal long-term potentiation and impairs cognition in aging male mice](#). *Brain Behav Immun* 108:279–291.

NIOSHTIC-2: 20066659

Evoy R, Syron L, Case S, Lucas D [2023]. [Traumatic injuries among Alaska’s young workers: linking cases from four data systems](#). *BMC Public Health* 23(1):57.

NIOSHTIC-2: 20066808

Falvo MJ, Sotolongo AM, Osterholzer JJ, Robertson MW, Kazerooni EA, Amorosa JK, Garshick E, Jones KD, Galvin JR, Kreiss K, Hines SE, Franks TJ, Miller RF, Rose CS, Arjomandi M, Krefft SD, Morris MJ, Polosukhin VV, Blanc PD, D'Armiento JM [2023]. [Consensus statements on deployment-related respiratory disease, inclusive of constrictive bronchiolitis: a modified Delphi study](#). *Chest* 163(3):599–609.

NIOSHTIC-2: 20067149

Felknor SA, Streit JMK, Edwards NT, Howard J [2023]. [Four futures for occupational safety and health](#). *Int J Environ Res Public Health* 20(5):4333.

NIOSHTIC-2: 20067084

Fisher E, Flynn MA, Pratap P, Vietas JA [2023]. [Occupational safety and health equity impacts of artificial intelligence: a scoping review](#). *Int J Environ Res Public Health* 20(13):6221.

NIOSHTIC-2: 20067999 | NORA: Manufacturing

Flattery J, Woolsey C, Epstein-Corbin M, Blackley DJ, Harrison RJ, Cummings KJ [2023]. [Notes from the field: surveillance of silicosis using electronic case reporting—California, December 2022–July 2023](#). *MMWR* 72(46):1275–1276.

NIOSHTIC-2: 20068791

Foreman AM, Friedel JE, Ludwig TD, Ezerins ME, Açikgöz Y, Bergman SM, Wirth O [2023]. [Establishment-level occupational safety analytics: challenges and opportunities](#). *Int J Ind Ergon* 94:103428.

NIOSHTIC-2: 20067317 | NORA: Construction / Manufacturing

Forester CD, Tarley J [2023]. [Effects of temperature and advanced cleaning practices on the removal of select organic chemicals from structural firefighter gear](#). *Fire Technol* 59(4):2127–2145.

NIOSHTIC-2: 20067748 | NORA: Public Safety

Gao Y, Mazurek JM, Li Y, Blackley D, Weissman DN, Burton SV, Amin W, Landsittel D, Becich MJ, Ye Y [2023]. [Industry, occupation, and exposure history of mesothelioma patients in the U.S. National Mesothelioma Virtual Bank, 2006–2022](#). *Environ Res* 230:115085.

NIOSHTIC-2: 20067192 | NORA: Construction / Manufacturing / Mining

Go LHT, Rose CS, Zell-Baran LM, Almberg KS, Iwaniuk C, Clingerman S, Richardson DL, Abraham JL, Cool CD, Franko AD, Green FHY, Hubbs AF, Murray J, Orandle MS, Sanyal S, Vorajee NI, Sarver EA, Petsonk EL, Cohen RA [2023]. [Historical shift in pathological type of progressive massive fibrosis among coal miners in the USA](#). *Occup Environ Med* 80(8):425–430.

NIOSHTIC-2: 20067759 | NORA: Manufacturing

Gomes H, Parasram V, Collins J, Socias-Morales C [2023]. [Time series, seasonality and trend evaluation of 7 years \(2015–2021\) of OSHA severe injury data](#). *J Safety Res* 86:30–38.

NIOSHTIC-2: 20067795

- Gong W, Murphy WJ, Meinke DK, Feng HA, Stephenson MR [2023]. [Evaluating earplug performance over a 2-hour work period with a fit-test system](#). *Semin Hear* 44(4):470–484.
NIOSH TIC-2: 20067940
- Graham UM, Dozier AK, Feola DJ, Tseng MT, Yokel RA [2023]. [Macrophage polarization status impacts nanoceria cellular distribution but not its biotransformation or ferritin effects](#). *Nanomaterials* 13(16):2298.
NIOSH TIC-2: 20068313
- Groenewold MR, Billock R, Free H, Burrer SL, Sweeney MH, Wong J, Lavender A, Argueta G, Crawford H-L, Erukunakpor K, Karlsson ND, Armenti K, Thomas H, Gaetz K, Dang G, Harduar-Morano L, Modji K, Luckhaupt SE [2023]. [Excess risk of SARS-CoV-2 infection among in-person nonhealthcare workers in six states, September 2020–June 2021](#). *Am J Ind Med* 66(7):587–600.
NIOSH TIC-2: 20067568
- Groenewold MR, Flinchum A, Pillai A, Konkle S, Moulton-Meissner H, Tosh PK, Thoroughman DA [2023]. [Investigation of a cluster of rapidly growing mycobacteria infections associated with joint replacement surgery in a Kentucky hospital, 2013–2014 with 8-year follow-up](#). *Am J Infect Control* 51(4):454–460.
NIOSH TIC-2: 20065538
- Gu JK, Charles LE, Allison P, Violanti JM, Andrew ME [2023]. [Mental health treatment reported by U.S. workers before and during the COVID-19 pandemic: United States \(2019–2020\)](#). *Int J Environ Res Public Health* 20(1):651.
NIOSH TIC-2: 20066744 | NORA: Public Safety
- Guerin RJ, Barile JP, Groenewold MR, Free HL, Okun AH [2023]. [COVID-19 workplace mitigation strategies and employee leave policies implemented during the height of the pandemic, United States, fall 2020 and 2021](#). *Int J Environ Res Public Health* 20(4):2894.
NIOSH TIC-2: 20066998 | NORA: Services / Wholesale and Retail Trade
- Guerin RJ, Naeim A, Baxter-King R, Okun AH, Holliday D, Vavreck L [2023]. [Parental intentions to vaccinate children against COVID-19: findings from a U.S. national survey](#). *Vaccine* 41(1):101–108.
NIOSH TIC-2: 20066521
- Guner D, Nowak S, Sherizadeh T, Sunkpal M, Mohamed K, Xue Y [2023]. [Review of current coal rib control practices](#). *Undergr Space* 9:53–75.
NIOSH TIC-2: 20066347 | NORA: Mining
- Gwilliam M, Hendricks S, Socias-Morales C, Burnham B, Gomes H, Reichard A, Stallings H [2023]. [Comparison of finger, hand, and wrist injuries in the U.S. Air Force to U.S. workers](#). *J Occup Environ Med* 65(8):663–669.
NIOSH TIC-2: 20067400 | NORA: Construction

Haas EJ, Kelly-Reif K, Edirisooriya M, Reynolds L, Beatty Parker CN, Zhu D, Weber DJ, Sickbert-Bennett E, Boyce RM, Ciccone EJ, Aiello AE [2023]. [Infection precaution adherence varies by potential exposure risks to SARS-CoV-2 and job role: findings from a U.S. medical center.](#) *Am J Infect Control*: Epub ahead of print, 2023 December.

NIOSH TIC-2: 20068950 | NORA: Healthcare and Social Assistance

Haas EJ, Yoon K, McClain C, Sietsema M, Hornbeck A, Hines S, Chalikonda S, Angelilli S, Waltenbaugh H, Thurman P, Napoli M, Fernando R [2023]. [Examining the impact of elastomeric half mask respirator knowledge and user barriers on safety climate perceptions in health care settings.](#) *Workplace Health Saf* 71(7):337–346.

NIOSH TIC-2: 20067566 | NORA: Healthcare and Social Assistance

Haas EJ, Yoon KN, Furek A, Casey M, Moore SM [2023]. [The role of emergency incident type in identifying first responders' health exposure risks.](#) *J Saf Sci Resil* 4(2):167–173.

NIOSH TIC-2: 20067120 | NORA: Public Safety

Habibi A, Bugarski AD, Loring D, Cable A, Ingalls L, Rutter C [2023]. [Evaluation of methodology for real-time monitoring of diesel particulate matter in underground mines.](#) *Min Metall Explor* 40(1):453–461.

NIOSH TIC-2: 20066604 | NORA: Mining

Hall NB, Reynolds L, Blackley DJ, Laney AS [2023]. [Assessment of the respiratory health of working U.S. coal miners since 2014—radiography, spirometry and symptom assessments.](#) *J Occup Environ Med*: Epub ahead of print, 2023 November.

NIOSH TIC-2: 20068702

Hall NB, Reynolds L, Blackley DJ, Laney AS [2023]. [Submission of mandatory respiratory health examinations among U.S. coal miners participating in the Coal Workers' Health Surveillance Program.](#) *Occup Environ Med* 80(6):327–332.

NIOSH TIC-2: 20067465

Hayashi Y, Friedel JE, Foreman AM, Wirth O [2023]. [A hierarchical cluster analysis of young drivers based on their perceived risk and frequency of texting while driving.](#) *J Safety Res* 85:398–404.

NIOSH TIC-2: 20067451 | NORA: Healthcare and Social Assistance / Transportation, Warehousing and Utilities

Heenatigala Palliyage G, Samart P, Bobbala S, Rojanasakul LW, Coyle J, Martin K, Callery PS, Rojanasakul Y [2023]. [Chemotherapy-induced PDL-1 expression in cancer-associated fibroblasts promotes chemoresistance in NSCLC.](#) *Lung Cancer* 181:107258.

NIOSH TIC-2: 20067710

Henneberger PK, Rollins SM, Humann MJ, Liang X, Doney BC, Kelly KM, Cox-Ganser JM [2023]. [The association of forced expiratory volume in one second with occupational exposures in a longitudinal study of adults in a rural community in Iowa](#). *Int Arch Occup Environ Health* 96(6):919–930.

NIOSH TIC-2: 20067655 | NORA: Agriculture, Forestry and Fishing

Hines SE, Thurman P, Zhuang E, Chen H, McDiarmid M, Chalikonda S, Angelilli S, Waltenbaugh H, Napoli M, Haas E, McClain C, Sietsema M, Fernando R [2023]. [Elastomeric half-mask respirator disinfection practices among healthcare personnel](#). *Am J Ind Med* 66(12):1056–1068.

NIOSH TIC-2: 20068549 | NORA: Healthcare and Social Assistance

Hittle BM, Hils J, Fendinger SL, Wong IS [2023]. [A scoping review of sleep education and training for nurses](#). *Int J Nurs Stud* 142:104468.

NIOSH TIC-2: 20067405 | NORA: Healthcare and Social Assistance

Hochmuth J, Newton E, Van Houten R [2023]. [Examining the effects of gateway width on motorist yielding to pedestrians](#). *Transp Res Rec: Epub ahead of print*, 2023 December.

NIOSH TIC-2: 20069033 | NORA: Public Safety

Horn GP, Stakes K, Neumann DL, Madrzykowski D, Fent KW [2023]. [Exposure risks and potential control measures for a fire behavior lab training structure: part B—chemical gas concentrations](#). *Fire Technol* 59(6):3255–3282.

NIOSH TIC-2: 20068098

Hsiao H [2023]. [Assessment of challenges in patrol vehicles and with equipment among law enforcement officers](#). *Appl Ergon* 108:103946.

NIOSH TIC-2: 20066523 | NORA: Public Safety

Hsiao H [2023]. [Association of anthropometric characteristics of law enforcement officers with perceived ratings of fit, comfort, and pain in the use of body armor](#). *Ergonomics*: Epub ahead of print, 2023 July.

NIOSH TIC-2: 20067929 | NORA: Public Safety

Hsiao H, Whisler R, Bradtmiller B [2023]. [Needs and procedures for a national anthropometry study of law enforcement officers](#). *Hum Factors* 65(3):403–418.

NIOSH TIC-2: 20062861 | NORA: Public Safety

Hulsegge G, Coenen P, Gascon GM, Pahwa M, Greiner B, Bohane C, Wong IS, Liira J, Riera R, Pachito DV [2023]. [Adapting shift work schedules for sleep quality, sleep duration, and sleepiness in shift workers](#). *Cochrane Database Syst Rev* 9(9):CD010639.

NIOSH TIC-2: 20068462

Johnson CY, Fujishiro K [2023]. [Identifying occupational health inequities in the absence of suitable data: are there inequities in access to adequate bathrooms in U.S. workplaces?](#) *Occup Environ Med* 80(10):572–579.

NIOSH TIC-2: 20068370

Kahveci Z, Kilinc-Balci FS, Yorio PL [2023]. [Evaluation of fluid leakage at the coverall and glove interface in single and double glove conditions](#). *Am J Infect Control* 51(10):1145–1150.

NIOSH TIC-2: 20067146 | NORA: Healthcare and Social Assistance / Public Safety

Karmous I, Vaidya S, Dimkpa C, Zuverza-Mena N, da Silva W, Barroso KA, Milagres J, Bharadwaj A, Abdelraheem W, White JC, Elmer WH [2023]. [Biologically synthesized zinc and copper oxide nanoparticles using *Cannabis sativa L.* enhance soybean \(*Glycine max*\) defense against *Fusarium virguliforme*](#). *Pestic Biochem Physiol* 194:105486.

NIOSH TIC-2: 20067904

Kaur H, Wurzelbacher SJ, Bushnell PT, Bertke S, Meyers AR, Grosch JW, Naber SJ, Lampl M [2023]. [Occupational injuries among construction workers by age and related economic loss: findings from Ohio workers' compensation, USA: 2007–2017](#). *Saf Health Work* 14(4):406–414.

NIOSH TIC-2: 20068594 | NORA: Construction

Kelly-Reif K, Bertke SJ, Daniels RD, Richardson DB, Schubauer-Berigan MK [2023]. [Ionizing radiation and solid cancer mortality among U.S. nuclear facility workers](#). *Int J Epidemiol* 52(4):1015–1024.

NIOSH TIC-2: 20067708 | NORA: Manufacturing

Kelly-Reif K, Bertke SJ, Rage E, Demers PA, Fenske N, Deffner V, Kreuzer M, Samet J, Schubauer-Berigan MK, Tomasek L, Zablotska LB, Wiggins C, Laurier D, Richardson DB [2023]. [Radon and lung cancer in the pooled uranium miners analysis \(PUMA\): highly exposed early miners and all miners](#). *Occup Environ Med* 80(7):385–391.

NIOSH TIC-2: 20067567

Kennedy EJ, Hendricks KJ, Casey M [2023]. [Sharps injury rates reported among U.S. workers: National Electronic Injury Surveillance System—occupational supplement 2006 to 2020](#). *J Occup Environ Med* 65(6):495–501.

NIOSH TIC-2: 20066966

Kilinc-Balci FS [2023]. [Evaluation of the physical performance of disposable isolation gowns](#). *Am J Infect Control* 51(11):1201–1207.

NIOSH TIC-2: 20067525 | NORA: Healthcare and Social Assistance / Public Safety

Kilinc-Balci FS [2023]. [Investigation of the barrier performance of disposable isolation gowns](#). *Am J Infect Control* 51(12):1401–1405.

NIOSH TIC-2: 20068463 | NORA: Healthcare and Social Assistance / Public Safety

Kilinc-Balci FS, Kahveci Z, Yorio PL [2023]. [Impact of surface tension on the barrier performance of gowns and coveralls](#). *Am J Infect Control* 51(12):1392–1400.

NIOSH TIC-2: 20067524 | NORA: Healthcare and Social Assistance / Public Safety

- Kincl L, Doza S, Nahorniak J, Case S, Vaughan A, Bovbjerg V [2023]. [Commercial fishing fatalities and injuries described by linked vessel incidents](#). *J Agromedicine* 28(4):881–889.
NIOSHTIC-2: 20067910 | NORA: Agriculture, Forestry and Fishing
- Kincl L, Syron L, Lucas D, Vaughan A, Bovbjerg V [2023]. [Relationship of personal, situational, and environmental factors to injury experience in commercial fishing](#). *J Safety Res* 87:375–381.
NIOSHTIC-2: 20068281
- King G, Miller A, Schneider C, Feagan G, Gain D [2023]. [Evaluation of a self-cleaning portable dust collector for reducing worker exposures to silica at hydraulic-fracturing sites](#). *J Air Waste Manage Assoc* 73(2):109–119.
NIOSHTIC-2: 20066397
- Krajnak K, Farcas M, McKinney W, Waugh S, Mandler K, Knepp A, Jackson M, Richardson D, Hammer M, Matheson J, Thomas T, Qian Y [2023]. [Inhalation of polycarbonate emissions generated during 3D printing processes affects neuroendocrine function in male rats](#). *J Toxicol Environ Health A* 86(16):575–596.
NIOSHTIC-2: 20067860 | NORA: Manufacturing
- Krajnak K, Warren C, Xu X, Chapman P, Waugh S, Boots T, Welcome D, Dong R [2023]. [Applied force alters sensorineural and peripheral vascular function in a rat model of hand-arm vibration syndrome](#). *J Occup Environ Med*: Epub ahead of print, 2023 October.
NIOSHTIC-2: 20068701 | NORA: Manufacturing
- Kreuze MA, Minhaj FS, Duwell M, Gigante CM, Kim AM, Crum D, Perlmutter R, Rubin JH, Myers R, Lukula SL, Ravi-Caldwell N, Sockwell D, Chen T-H, de Perio MA, Hughes CM, Davidson WB, Wilkins K, Baird N, Lowe D, Li Y, McCollum AM, Blythe D, Rao AK [2023]. [How did the 2022 global mpox outbreak happen? A travel-associated case 6 months earlier may provide important clues](#). *Travel Med Infect Dis* 55:102618.
NIOSHTIC-2: 20068182
- Kurth L, Casey ML, Mazurek JM, Blackley DJ [2023]. [Pneumoconiosis incidence and prevalence among U.S. Medicare beneficiaries, 1999–2019](#). *Am J Ind Med* 66(10):831–841.
NIOSHTIC-2: 20068088
- Kurth L, Mazurek JM, Blackley DJ [2023]. [Malignant mesothelioma among U.S. Medicare beneficiaries: incidence, prevalence and therapy, 2016–2019](#). *Occup Environ Med* 80(2):86–92.
NIOSHTIC-2: 20066806 | NORA: Mining
- Lam C-w, Castranova V, Driscoll K, Warheit D, Ryder V, Zhang Y, Zeidler-Erdely P, Hunter R, Scully R, Wallace W, James J, Crucian B, Nelman M, McCluskey R, Gardner D, Renne R, McClellan R [2023]. [A review of pulmonary neutrophilia and insights into the key role of neutrophils in particle-induced pathogenesis in the lung from animal studies of lunar dusts and other poorly soluble dust particles](#). *Crit Rev Toxicol* 53(8):441–479.
NIOSHTIC-2: 20068640

Layne LA [2023]. Robot-related fatalities at work in the United States, 1992–2017. *Am J Ind Med* 66(6):454–461.

NIOSHTIC-2: 20067012

Lee EG [2023]. Evaluation of Stoffenmanager® and ART for estimating occupational inhalation exposures to volatile liquids. *Ann Work Expo Health* 67(3):402–413.

NIOSHTIC-2: 20066699

Lee T, Barone TL, Yantek DS, Portnoff L, Zheng Y [2023]. Evaluation of a prototype local ventilation system to mitigate retail store worker exposure to airborne particles. *J Occup Environ Hyg* 20(7):289–303.

NIOSHTIC-2: 20067404

Liang C-J, Cheng MH [2023]. Trends in robotics research in occupational safety and health: a scientometric analysis and review. *Int J Environ Res Public Health* 20(10):5904.

NIOSHTIC-2: 20067675

Lilly G, Calvert GM [2023]. The World Trade Center Health Program: smoking cessation. *Arch Environ Occup Health* 78(4):249–252.

NIOSHTIC-2: 20067147

Lim CS, Veltri B, Kashon M, Porter DW, Ma Q [2023]. Multi-walled carbon nanotubes induce arachidonate 5-lipoxygenase expression and enhance the polarization and function of M1 macrophages in vitro. *Nanotoxicology* 17(3):249–269.

NIOSHTIC-2: 20067454 | NORA: Construction

Lin C-C, Law BF, Hettick JM [2023]. 4,4'-Methylene diphenyl diisocyanate exposure induces expression of alternatively activated macrophage-associated markers and chemokines partially through Krüppel-like factor 4 mediated signaling in macrophages. *Xenobiotica* 53(12):653–669.

NIOSHTIC-2: 20068890 | NORA: Manufacturing

Lin NW, Ramirez-Cardenas A, Wingate KC, King BS, Scott K, Hagan-Haynes K [2023]. Risk factors for heat-related illness resulting in death or hospitalization in the oil and gas extraction industry. *J Occup Environ Hyg*: Epub ahead of print, 2023 October.

NIOSHTIC-2: 20068614

Lin RA, Calvert GM, Udasin IG [2023]. World Trade Center Health Program best practices for the diagnosis and treatment of gastroesophageal reflux disease. *Arch Environ Occup Health* 78(4):236–240.

NIOSHTIC-2: 20066939

Lincoln JM, Elliott KC [2023]. Emerging technology in agriculture: opportunities and considerations for occupational safety and health researchers. *J Safety Res* 86:92–95.

NIOSHTIC-2: 20067769

Lindsley WG, Blachere FM, Derk RC, Boots T, Duling MG, Boutin B, Beezhold DH, Noti JD [2023]. [Constant vs. cyclic flow when testing face masks and respirators as source control devices for simulated respiratory aerosols](#). *Aerosol Sci Technol* 57(3):215–232.

NIOSHTIC-2: 20066924 | NORA: Healthcare and Social Assistance

Liu R, Calvert GM, Anderson KR, Malcolm H, Cimineri L, Dupont H, Martinez M [2023]. [Opioid prescriptions among the World Trade Center Health Program population](#). *BMC Health Serv Res* 23(1):1323.

NIOSHTIC-2: 20068891

Lowe BD, Hayden M, Albers J, Naber S [2023]. [Case studies of robots and automation as health/safety interventions in small manufacturing enterprises](#). *Hum Factors Ergon Manuf Serv Ind* 33(1):69–103.

NIOSHTIC-2: 20066004 | NORA: Construction / Services

Lucas L, Whittaker C, Bailer AJ [2023]. [Visualizing the NIOSH Pocket Guide: open-source web application for accessing and exploring the NIOSH Pocket Guide to Chemical Hazards](#). *J Occup Environ Hyg*: Epub ahead of print, 2023 October.

NIOSHTIC-2: 20068681

Luckhaupt SE, Horter L, Groenewold MR, de Perio MA, Robbins CL, Sweeney MH, Thomas I, Valencia D, Ingram A, Heinzerling A, Nguyen A, Townsend EB, Weber RC, Reichbind D, Dishman H, Kerins JL, Lendacki FR, Austin C, Dixon L, Spillman B, Simonson S, Tonzel J, Krueger A, Duwell M, Bachaus B, Rust B, Barrett C, Morrison B, Owers Bonner KA, Karlsson ND, Angelon-Gaetz K, McClure ES, Kline KE, Dangar D, Reed C, Karpowicz J, Anderson SM, Cantor S, Chaudhary I, Ellis EM, Taylor ML, Sedon A, Kocharian A, Morris C, Samson ME, Mangla AT [2023]. [COVID-19 outbreaks linked to workplaces, 23 U.S. jurisdictions, August–October 2021](#). *Public Health Rep* 138(2):333–340.

NIOSHTIC-2: 20066662

Lundstrom EW, Hendricks SA, Marsh SM, Groth CP, Smith GS, Bhandari R [2023]. [Temporal trends in occupational injuries treated in U.S. emergency departments, 2012–2019](#). *Inj Epidemiol* 10(1):13.

NIOSHTIC-2: 20067085

Ma Q [2023]. [Pharmacological inhibition of the NLRP3 inflammasome: structure, molecular activation, and inhibitor-NLRP3 interaction](#). *Pharmacol Rev* 75(3):487–520.

NIOSHTIC-2: 20066841 | NORA: Construction

MacDonald LA, Johnson CY, Lu M-L, Santiago-Colón A, Adam GP, Kimmel HJ, Napolitano PG, Saldanha IJ [2023]. [Physical job demands in pregnancy and associated musculoskeletal health and employment outcomes: a systematic review](#). *Am J Obstet Gynecol*: Epub ahead of print, 2023 December.

NIOSHTIC-2: 20069058 | NORA: Construction

Mahmoud S, Bennett J, Jones B, Hosni M [2023]. [A comparative analysis of potential aerosol exposure in a wide-body aircraft cabin using tracer gas and fluorescent particles](#). *Int J Vent*: Epub ahead of print, 2023 December.

NIOSH TIC-2: 20069061 | NORA: Construction

Majumder N, Kodali V, Velayutham M, Goldsmith T, Amedro J, Khramtsov VV, Erdely A, Nurkiewicz TR, Harkema JR, Kelley EE, Hussain S [2023]. [Aerosol physicochemical determinants of carbon black and ozone inhalation co-exposure induced pulmonary toxicity](#). *Toxicol Sci* 191(1):61–78.

NIOSH TIC-2: 20066392 | NORA: Construction / Manufacturing

Mandler WK, Qi C, Qian Y [2023]. [Hazardous dusts from the fabrication of countertop: a review](#). *Arch Environ Occup Health* 78(2):118–126.

NIOSH TIC-2: 20065795 | NORA: Manufacturing / Construction

Mark-Carew M, Kang G, Pampati S, Mead KR, Martin SB Jr., Barrios LC [2023]. [Ventilation improvements among K-12 public school districts—United States, August–December 2022](#). *MMWR* 72(14):372–376.

NIOSH TIC-2: 20067309 | NORA: Construction

Martin CJ, Woods S, Bertke S, Pinkerton L, Jin C [2023]. [Increased mortality associated with disability among workers' compensation claimants with upper extremity neuropathy](#). *J Occup Environ Med* 65(9):798–802.

NIOSH TIC-2: 20067878

Masterson EA, Wurzelbacher SJ, Bushnell PT, Tseng C-Y [2023]. [Workers' compensation costs for occupational hearing loss claims in the United States, 2009–2013](#). *Semin Hear* 44(4):412–436.

NIOSH TIC-2: 20068140

Mayer AC, Fent KW, Wilkinson AF, Chen I-C, Siegel MR, Toennis C, Sammons D, Meadows J, Kesler RM, Kerber S, Smith DL, Masoud F, Bhandari D, Wang Y, Blount BC, Calafat AM, Horn GP [2023]. [Evaluating exposure to VOCs and naphthalene for firefighters wearing different PPE configurations through measures in air, exhaled breath, and urine](#). *Int J Environ Res Public Health* 20(12):6057.

NIOSH TIC-2: 20067912 | NORA: Public Safety

McCanlies EC, Gu JK, Kashon M, Yucesoy B, Ma CC, Sanderson WT, Kim K, Ludeña-Rodriguez YJ, Hertz-Picciotto I [2023]. [Parental occupational exposure to solvents and autism spectrum disorder: an exploratory look at gene-environment interactions](#). *Environ Res* 228:115769.

NIOSH TIC-2: 20067316

Menger-Ogle LM, Baker D, Guerin RJ, Cunningham TR [2023]. [A staffing perspective on barriers to and facilitators of temporary worker safety and health](#). *Am J Ind Med* 66(9):736–749.

NIOSH TIC-2: 20068000 | NORA: Services

Meyers AR, Wurzelbacher SJ, Krieg EF, Ramsey JG, Crombie K, Christianson AL, Luo L, Burt S [2023]. [Work-related risk factors for rotator cuff syndrome in a prospective study of manufacturing and healthcare workers](#). *Hum Factors* 65(3):419–434.

NIOSHTIC-2: 20062991 | NORA: Services

Michalovicz LT, Kelly KA, Craddock TJA, O’Callaghan JP [2023]. [A projectile concussive impact model produces neuroinflammation in both mild and moderate-severe traumatic brain injury](#). *Brain Sci* 13(4):623.

NIOSHTIC-2: 20067479 | NORA: Transportation, Warehousing and Utilities

Misra S, Sussell AL, Wilson SE, Poplin GS [2023]. [Occupational exposure to respirable crystalline silica among U.S. metal and nonmetal miners, 2000–2019](#). *Am J Ind Med* 66(3):199–212.

NIOSHTIC-2: 20066872 | NORA: Mining

Montilha AAP, Morata TC, Flor DÁ, Machado MAAM, Menegon FA, Zucki F [2023]. [The promotion of hearing health through Wikipedia campaigns: article quality and reach assessment](#). *Healthcare* 11(11):1572.

NIOSHTIC-2: 20067760

Moore KD, Hawke AL, Carey RE, Wu JZ, Breloff SP [2023]. [Agreement of hip kinematics between two tracking marker configurations used with the CODA pelvis during ergonomic roofing tasks](#). *J Mech Med Biol* 23(3):2350015.

NIOSHTIC-2: 20066921 | NORA: Construction

Most ZM, Nyquist A-C, Radonovich LJ, Rodriguez-Barradas MC, Price CS, Simberkoff MS, Bessesen MT, Cummings DAT, Rattigan SM, Warren-Gash C, Gaydos CA, Gibert CL, Gorse GJ, Perl TM [2023]. [Preschool-aged household contacts as a risk factor for viral respiratory infections in healthcare personnel](#). *Open Forum Infect Dis* 10(2):ofad057.

NIOSHTIC-2: 20066999

Mozhui K, O’Callaghan JP, Ashbrook DG, Prins P, Zhao W, Lu L, Jones BC [2023]. [Epigenetic analysis in a murine genetic model of Gulf War illness](#). *Front Toxicol* 5:1162749.

NIOSHTIC-2: 20067911

Mpofu JJ, Crosby A, Flynn MA, LaFromboise T, Iskander J, Hall JE, Penman-Aguilar A, Thorpe P [2023]. [Preventing suicidal behavior among American Indian and Alaska Native adolescents and young adults](#). *Public Health Rep* 138(4):593–601.

NIOSHTIC-2: 20065765

Myers WR, Yang W, Ryan KJ, Bergman MS, Fisher EM, Soo J-C, Zhuang Z [2023]. [Total outward leakage of half-mask respirators and surgical masks used for source control](#). *J Occup Environ Hyg* 20(12):610–620.

NIOSHTIC-2: 20068407 | NORA: Healthcare and Social Assistance

Nakayasu ES, Gritsenko MA, Kim Y-M, Kyle JE, Stratton KG, Nicora CD, Munoz N, Navarro KM, Claborne D, Gao Y, Weitz KK, Paurus VL, Bloodsworth KJ, Allen KA, Bramer LM, Montes F, Clark KA, Tietje G, Teeguarden J, Burnum-Johnson KE [2023]. [Elucidating regulatory processes of intense physical activity by multi-omics analysis](#). *Mil Med Res* 10:48.

NIOSH TIC-2: 20068638 | NORA: Construction

Navarro KM, Fent K, Mayer AC, Brueck SE, Toennis C, Law B, Meadows J, Sammons D, Brown S [2023]. [Characterization of inhalation exposures at a wildfire incident during the Wildland Firefighter Exposure and Health Effects \(WFFEHE\) Study](#). *Ann Work Expo Health* 67(8):1011–1017.

NIOSH TIC-2: 20068243 | NORA: Public Safety / Services

Nguyen KX, Zheng L, Hawke AL, Carey RE, Breloff SP, Li K, Peng X [2023]. [Deep learning-based estimation of whole-body kinematics from multi-view images](#). *Comput Vis Image Underst* 235:103780.

NIOSH TIC-2: 20066120 | NORA: Construction

Nigam JAS, Barker RM, Cunningham TR, Swanson NG, Chosewood LC [2023]. [Vital signs: health worker-perceived working conditions and symptoms of poor mental health—Quality of Worklife Survey, United States, 2018–2022](#). *MMWR* 72(44):1197–1205.

NIOSH TIC-2: 20068662

Okoli U, Rishi K, Beaucage G, Kammler HK, McGlasson A, Chauby M, Narayanan V, Grammens J, Kuppa VK [2023]. [Dispersion of modified fumed silica in elastomeric nanocomposites](#). *Polymer* 264:125407.

NIOSH TIC-2: 20066783

Olson R, Cunningham TR, Nigam JAS, Anger WK, Rameshbabu A, Donovan C [2023]. [Total Worker Health® and organizational behavior management: emerging opportunities for improving worker well-being](#). *J Organ Behav Manage* 43(4):280–319.

NIOSH TIC-2: 20066680 | NORA: Manufacturing / Healthcare and Social Assistance / Public Safety

Othumpangat S, Noti JD [2023]. [β-Defensin-1 regulates influenza virus infection in human bronchial epithelial cells through the STAT3 signaling pathway](#). *Pathogens* 12(1):123.

NIOSH TIC-2: 20066839 | NORA: Healthcare and Social Assistance

Park S, Song D, Jo YM, Park J-H, Lee TJ, Koo J [2023]. [Development of air purifier operation guidelines using grey box models for the concentrations of particulate matter in elementary school classrooms](#). *Aerosol Sci Technol* 57(5):467–485.

NIOSH TIC-2: 20067307 | NORA: Services

Pathak D, Sriram K [2023]. [Molecular mechanisms underlying neuroinflammation elicited by occupational injuries and toxicants](#). *Int J Mol Sci* 24(3):2272.

NIOSH TIC-2: 20066935 | NORA: Manufacturing

Pathak D, Sriram K [2023]. [Neuron-astrocyte omnidirectional signaling in neurological health and disease](#). *Front Mol Neurosci* 16:1169320.

NIOSHTIC-2: 20067913 | NORA: Manufacturing

Pena M, Neu DT, Feng HA, Hammond DR, Mead KR, Banerjee RK [2023]. [Use of a negative pressure containment pod within ambulance-workspace during pandemic response](#). *J Med Device* 17(1):011009.

NIOSHTIC-2: 20067086 | NORA: Construction

Peterson JS, Azman AS [2023]. [NIOSH Hearing Loss Prevention Program for mining](#). *Semin Hear* 44(4):394–411.

NIOSHTIC-2: 20068615

Powell JB, Quinn T, Walbert G, Simons J [2023]. [Evaluation of surgical N95 respirators covered with combinations of masks and face shield](#). *J Occup Environ Med* 65(7):610–614.

NIOSHTIC-2: 20067349

Pratt S, Hagan-Haynes K [2023]. [Applying a health equity lens to work-related motor vehicle safety in the United States](#). *Int J Environ Res Public Health* 20(20):6909.

NIOSHTIC-2: 20068605

Quinn TD, Marsh SM, Oldham K, Wurzelbacher SJ, Naber SJ [2023]. [Workers' compensation injury claims among firefighters in Ohio, 2001–2017](#). *J Safety Res* 85:147–156.

NIOSHTIC-2: 20066916

Radwin RG, Hu YH, Akkas O, Bao S, Harris-Adamson C, Lin J-H, Meyers AR, Rempel D [2023]. [Comparison of the observer, single-frame video and computer vision hand activity levels](#).

Ergonomics 66(8):1132–1141.

NIOSHTIC-2: 20066292

Ramirez-Cardenas A, Wingate KC, Pompei R, King B, Scott KA, Hagan-Haynes K, Chosewood LC [2023]. [Fatalities involving substance use among U.S. oil and gas extraction workers identified through an industry specific surveillance system \(2014–2019\)](#). *J Occup Environ Med* 65(6):488–494.

NIOSHTIC-2: 20067250

Ranpara A, LeBouf RF, Nurkiewicz TR, Yi J, Cumpston JL, Stefaniak AB [2023].

[Multi-instrument assessment of fine and ultrafine titanium dioxide aerosols](#). *J Toxicol Environ Health A* 86(1):1–22.

NIOSHTIC-2: 20066570

Ranpara A, Stefaniak AB, Fernandez E, Bowers LN, Arnold ED, LeBouf RF [2023]. [Influence of puff topographies on e-liquid heating temperature, emission characteristics and modeled lung deposition of Puff Bar™](#). *Aerosol Sci Technol* 57(5):450–466.

NIOSHTIC-2: 20067342 | NORA: Services

Riboli E, Beland FA, Lachenmeier DW, Marques MM, Phillips DH, Schernhammer E, Afghan A, Assunção R, Caderni G, Corton JC, de Aragão Umbuzeiro G, de Jong D, Deschasaux-Tanguy M, Hodge A, Ishihara J, Levy DD, Mandrioli D, McCullough ML, McNaughton SA, Morita T, Nugent AP, Ogawa K, Pandiri AR, Sergi CM, Touvier M, Zhang L, Benbrahim-Tallaa L, Chittiboyina S, Cuomo D, DeBono NL, Debras C, de Conti A, El Ghissassi F, Fontvieille E, Harewood R, Kaldor J, Mattock H, Pasqual E, Rigutto G, Simba H, Suonio E, Viegas S, Wedekind R, Schubauer-Berigan MK, Madia F [2023]. [Carcinogenicity of aspartame, methyleugenol, and isoeugenol](#). *Lancet Oncol* 24(8):848–850.

NIOSHTIC-2: 20069132

Richardson DB, Leuraud K, Laurier D, Gillies M, Haylock R, Kelly-Reif K, Bertke S, Daniels RD, Thierry-Chef I, Moissonnier M, Kesminiene A, Schubauer-Berigan MK [2023]. [Cancer mortality after low dose exposure to ionising radiation in workers in France, the United Kingdom, and the United States \(INWORKS\): cohort study](#). *BMJ* 382:e074520.

NIOSHTIC-2: 20068245

Rimayi C, Park J-H [2023]. [Adjustment of matrix effects in analysis of 36 secondary metabolites of microbial and plant origin in indoor floor dust using liquid chromatography-tandem mass spectrometry](#). *Buildings* 13(5):1112.

NIOSHTIC-2: 20067749 | NORA: Services

Riser AP, Hanley A, Cima M, Lewis L, Saadeh K, Alarcón J, Finn L, Kim M, Adams J, Holt D, Feldpausch A, Pavlick J, English A, Smith M, Rehman T, Lubelchek R, Black S, Collins M, Mounsey L, Blythe D, Avalos MH, Lee EH, Samson O, Wong M, Stokich BD, Salehi E, Denny L, Waller K, Talley P, Schuman J, Fischer M, White S, Davis K, Caesar Cuyler A, Sabzwari R, Anderson RN, Byrd K, Gold JAW, Kindilien S, Lee JT, O'Connor S, O'Shea J, Salmon-Trejo LAT, Velazquez-Kronen R, Zelaya C, Bower W, Ellington S, Gundlapalli AV, McCollum AM, Zilversmit Pao L, Rao AK, Wong KK, Guagliardo SAJ [2023]. [Epidemiologic and clinical features of mpox-associated deaths—United States, May 10, 2022–March 7, 2023](#). *MMWR* 72(15):404–410.

NIOSHTIC-2: 20067360

Roach KA, Kodali V, Shoeb M, Meighan T, Kashon M, Stone S, McKinney W, Erdely A, Zeidler-Erdely PC, Roberts JR, Antonini JM [2023]. [Examination of the exposome in an animal model: the impact of high fat diet and rat strain on local and systemic immune markers following occupational welding fume exposure](#). *Toxicol Appl Pharmacol* 464:116436.

NIOSHTIC-2: 20067000 | NORA: Manufacturing

Robinson T, Sussell A, Scott K, Poplin G [2023]. [Health conditions among male workers in mining and other industries reliant on manual labor occupations: National Health Interview Survey, 2007–2018](#). *Am J Ind Med* 66(8):692–704.

NIOSHTIC-2: 20067522 | NORA: Mining

Roggia SM, Zucki F, Fuente A, de Lacerda ABM, Gong W, Carlson K, Morata TC [2023]. [Audiological tests used in the evaluation of the effects of solvents on the human auditory system: a mixed methods review](#). *Semin Hear* 44(4):437–469.

NIOSHTIC-2: 20068263

Rosa RR, Asfaw A [2023]. [QuickStats: percentage of currently employed adults aged \$\geq 18\$ years who have paid sick leave, by education level—National Health Interview Survey, 2021](#). *MMWR* 72(17):473.

NIOSHTIC-2: 20068026

Rosales CB, Dávila Chávez H, Flynn MA, Lara J, Lira Chávez IA, Olivares Marín L, Romero Rangel A, Hirata Okamoto R, Rangel Gómez MG [2023]. [Mobile Health and Wellness Project: a binational collaboration of frontline health services to the Latino population in the United States in times of COVID-19](#). *Front Public Health* 10:1–6.

NIOSHTIC-2: 20066873 | NORA: Construction / Services

Ruiter S, Bard D, Ben Jeddi H, Saunders J, Snawder J, Warren N, Gorce J-P, Cauda E, Kuijpers E, Pronk A [2023]. [Exposure monitoring strategies for applying low-cost PM sensors to assess flour dust in industrial bakeries](#). *Ann Work Expo Health* 67(3):379–391.

NIOSHTIC-2: 20066809

Rush RE, Blackwood CB, Lemons AR, Dannemiller KC, Green BJ, Croston TL [2023]. [Persisting *Cryptococcus* yeast species *Vishniacozyma victoriae* and *Cryptococcus neoformans* elicit unique airway inflammation in mice following repeated exposure](#). *Front Cell Infect Microbiol* 13:1067475.

NIOSHTIC-2: 20067045

Sager TM, Joseph P, Umbright CM, Hubbs AF, Barger M, Kashon ML, Fedan JS, Roberts JR [2023]. [Biological effects of inhaled crude oil vapor. III. Pulmonary inflammation, cytotoxicity, and gene expression profile](#). *Inhal Toxicol* 35(9–10):241–253.

NIOSHTIC-2: 20067863 | NORA: Oil and Gas Extraction

Schulte PA, Jacklitsch BL, Bhattacharya A, Chun H, Edwards N, Elliott KC, Flynn MA, Guerin R, Hodson L, Lincoln JM, MacMahon KL, Pendergrass S, Siven J, Vietas J [2023]. [Updated assessment of occupational safety and health hazards of climate change](#). *J Occup Environ Hyg* 20(5–6):183–206.

NIOSHTIC-2: 20067455 | NORA: Construction / Services / Manufacturing

Scott KA, Elliott KC, Lincoln J, Flynn MA, Hill R, Hall DM [2023]. [Rural health and rural industries: opportunities for partnership and action](#). *J Rural Health*: Epub ahead of print, 2023 September.

NIOSHTIC-2: 20068371

Shah MM, Spencer BR, Feldstein LR, Haynes JM, Benoit TJ, Saydah SH, Groenewold MR, Stramer SL, Jones JM [2023]. [Occupations associated with severe acute respiratory syndrome coronavirus 2 infection and vaccination, U.S. blood donors, May 2021–December 2021](#). *Clin Infect Dis* 76(7):1285–1294.

NIOSH TIC-2: 20066508

Shi DS, Rinsky JL, Grimes GR, Chiu SK [2023]. [Health Hazard Evaluations of occupational cancer cluster concerns: the USA, January 2001–December 2020](#). *Occup Environ Med*: Epub ahead of print, 2023 November.

NIOSH TIC-2: 20068764 | NORA: Services

Shockey TM, Fox K, Zhao G, Hollis N [2023]. [Prevalence of disability by occupation group—United States, 2016–2020](#). *MMWR* 72(20):540–546.

NIOSH TIC-2: 20067613

Shoss MK, Min H, Horan K, Schlotzhauer AE, Nigam JAS, Swanson NG [2023]. [Risking one’s life to save one’s livelihood: precarious work, presenteeism, and worry about disease exposure during the COVID-19 pandemic](#). *J Occup Health Psychol* 28(6):363–379.

NIOSH TIC-2: 20068637

Siegel MR, Rocheleau CM, Hollerbach BS, Omari A, Jahnke SA, Almlie LM, Olshan AF, National Birth Defects Prevention Study [2023]. [Birth defects associated with paternal firefighting in the National Birth Defects Prevention Study](#). *Am J Ind Med* 66(1):30–40.

NIOSH TIC-2: 20066404 | NORA: Public Safety

Singh A, Zeig-Owens R, Cannon M, Webber MP, Goldfarb DG, Daniels RD, Prezant DJ, Boffetta P, Hall CB [2023]. [All-cause and cause-specific mortality in a cohort of WTC-exposed and non-WTC-exposed firefighters](#). *Occup Environ Med* 80(6):297–303.

NIOSH TIC-2: 20067210

Sinha S, Walton G, Chaurasia A, Diederichs M, Batchler T [2023]. [Evaluating size effects for a porous, weak, homogeneous limestone](#). *Rock Mech Rock Eng* 56(5):3755–3772.

NIOSH TIC-2: 20066518

Sivén JM, Coburn JF, Call TP, Mahoney D, Flores RR, Kaur H, Flynn MA, Menéndez CC [2023]. [Mixed messages and COVID-19 prevention: why information is not always enough to protect meat processing workers](#). *AJPM Focus* 2(4):100128.

NIOSH TIC-2: 20067915 | NORA: Manufacturing

Socias-Morales C, Konda S, Bell JL, Wurzelbacher SJ, Naber SJ, Earnest GS, Garza EP, Meyers AR, Scharf T [2023]. [Construction industry workers’ compensation injury claims due to slips, trips, and falls—Ohio, 2010–2017](#). *J Safety Res* 86:80–91.

NIOSH TIC-2: 20068030

Socias-Morales CM, Haas EJ, Gwilliam M, Yorio PL, Delaney NB, Falcon RG, Stallings HA, Burnham BR, Stuever DM, Stouder SM, Ewing GL, Collins JW, Menéndez CC [2023]. [The association between safety climate and noncombat injury events among United States Air Force workers](#). *J Safety Res*: Epub ahead of print, 2023 November.

NIOSH TIC-2: 20068767 | NORA: Construction

Southerland V, Zota AR, Parasram V, Alvarez C, Clement M, Anenberg S [2023]. [Temporal trends in sociodemographic composition and land development within U.S. fenceline communities surrounding hazardous industrial facilities: 2001–2019](#). *Environ Res Lett* 18(11):114042.

NIOSH TIC-2: 20068887

Strickland KT, Bergman MS, Xu S, Zhuang Z [2023]. [A manikin-based assessment of loose-fitting powered air-purifying respirator performance at variable flow rates and work rates](#). *J Occup Environ Hyg* 20(7):279–288.

NIOSH TIC-2: 20067403 | NORA: Healthcare and Social Assistance

Suarthana E, Le Moual N, Lemièrre C, Bousquet J, Pierre S, Sousa-Pinto B, Afadiyanti Parfi A, Van Brussel P, Nassiri Kigloo H, Vandenplas O, Henneberger PK [2023]. [Work-related asthma and its impact on quality of life and work productivity](#). *J Allergy Clin Immunol Pract*: Epub ahead of print, 2023 October.

NIOSH TIC-2: 20068731

Sussell A, Peterson C, Li J, Miniño A, Scott KA, Stone DM [2023]. [Suicide rates by industry and occupation—National Vital Statistics System, United States, 2021](#). *MMWR* 72(50):1346–1350.

NIOSH TIC-2: 20068985 | NORA: Mining

Syamlal G, Dodd KE, Mazurek JM [2023]. [Asthma, chronic obstructive pulmonary disease, and asthma-COPD overlap among U.S. working adults](#). *J Asthma* 60(4):718–726.

NIOSH TIC-2: 20065497

Tamers SL, Ray TK, Nigam JAS [2023]. [Healthy work strategies for a “coronanormal” society: addressing economic insecurity, stress, sleep deprivation, and fatigue](#). *Synergist* 34(11):30–34.

NIOSH TIC-2: 20069157

Tang W, Yuan L, Thomas R, Soles J [2023]. [Comparison of fire suppression techniques on lithium-ion battery pack fires](#). *Min Metall Explor* 40(4):1081–1087.

NIOSH TIC-2: 20067620

Themann CL, Masterson EA, Peterson JS, Murphy WJ [2023]. [Preventing occupational hearing loss: 50 years of research and recommendations from the National Institute for Occupational Safety and Health](#). *Semin Hear* 44(4):351–393.

NIOSH TIC-2: 20068298 | NORA: Construction

Thomas EV, Jennings MA, Kidder DP, Fechter-Leggett ED, Bautista GJ, Johns MM, Ally Training Committee [2023]. [Development and evaluation of the Ally Sexual and Gender Minority Diversity and Inclusion Training at the Centers for Disease Control and Prevention](#). *J Public Health Manag Pract* 29(1):56–63.

NIOSH TIC-2: 20066790

Thompson D, Qi C [2023]. [Characterization of the emissions and crystalline silica content of airborne dust generated from grinding natural and engineered stones](#). *Ann Work Expo Health* 67(2):266–280.

NIOSH TIC-2: 20066167 | NORA: Construction / Manufacturing

Tiesman HM, Hendricks SA, Wiegand DM, Lopes-Cardozo B, Rao CY, Horter L, Rose CE, Byrkit R [2023]. [Workplace violence and the mental health of public health workers during COVID-19](#). *Am J Prev Med* 64(3):315–325.

NIOSH TIC-2: 20066379 | NORA: Services

Tiesman HM, Konda S, Wurzelbacher SJ, Naber SJ, Attwood WR [2023]. [Occupational injuries and illnesses among law enforcement officers, 2001–2019: findings from the Ohio Bureau of Workers' Compensation](#). *Am J Ind Med* 66(12):1079–1089.

NIOSH TIC-2: 20068565 | NORA: Public Safety

Tomasi SE, Fechter-Leggett ED, Materna BL, Meiman JG, Nett RJ, Cummings KJ [2023]. [Impact of Epidemic Intelligence Service training in occupational respiratory epidemiology](#). *ATS Sch* 4(4):441–463.

NIOSH TIC-2: 20068659

Udasin IG, Sunderram J, Calvert G [2023]. [The World Trade Center Health Program: obstructive sleep apnea best practices](#). *Arch Environ Occup Health* 78(4):241–243.

NIOSH TIC-2: 20067313

Van Buren KW, Rocheleau CM, Chen I-C, Desrosiers TA, Sanderson WT, Politis MD, Ailes EC, National Birth Defects Prevention Study [2023]. [Maternal occupational exposure to selected organic and chlorinated solvents and delivery of small-for-gestational age or preterm infants](#). *Am J Ind Med* 66(10):842–853.

NIOSH TIC-2: 20068027

Van Dyke M, Klemetti T, Khademian Z, Wickline J, Beale J [2023]. [Evaluation of seismic potential in a longwall mine with massive sandstone roof under deep overburden: an update](#). *Min Metall Explor* 40(5):1523–1533.

NIOSH TIC-2: 20068232 | NORA: Mining / Oil and Gas Extraction

Veigel D, Rishi K, Okoli U, Beaucage G, Galloway JA, Campanelli H, Ilavsky J, Kuzmenko I, Fickenscher M [2023]. [Comparison of nanocomposite dispersion and distribution for several melt mixers](#). *Polymer* 269:125735.

NIOSH TIC-2: 20066960

Velazquez-Kronen R, MacDonald LA, Akinyemiju TF, Cushman M, Howard VJ [2023]. [Shiftwork, long working hours and markers of inflammation in a national U.S. population-based sample of employed black and white men and women aged \$\geq 45\$ years.](#) *Occup Environ Med* 80(11):635–643.

NIOSH TIC-2: 20068601

Victoroff TM, Case SL, Robertson LD, Syron LN [2023]. [Workplace injuries caused by commercial fishing winches—Alaska, 2000–2020.](#) *J Agromedicine* 28(3):433–443.

NIOSH TIC-2: 20066874

Wang R, Zheng L, Hawke AL, Carey RE, Breloff SP, Li K, Peng X [2023]. [Video-based 3D pose estimation for residential roofing.](#) *Comput Methods Biomech Biomed Eng Imaging Vis* 11(3):369–377.

NIOSH TIC-2: 20065348 | NORA: Construction

Weatherly LM, Shane HL, Lukomska E, Baur R, Anderson SE [2023]. [Systemic toxicity induced by topical application of perfluoroheptanoic acid \(PFHpA\), perfluorohexanoic acid \(PFHxA\), and perfluoropentanoic acid \(PFPeA\) in a murine model.](#) *Food Chem Toxicol* 171:113515.

NIOSH TIC-2: 20066455 | NORA: Manufacturing / Public Safety

Weaver VM, Hua JT, Fitzsimmons KM, Laing JR, Farah W, Hart A, Braegger TJ, Reid M, Weissman DN [2023]. [Fatal occupational asthma in cannabis production—Massachusetts, 2022.](#) *MMWR* 72(46):1257–1261.

NIOSH TIC-2: 20068790

Weissman DN, Radonovich LJ [2023]. [Importance of and approach to taking a history of exposures to occupational respiratory hazards.](#) *Semin Respir Crit Care Med* 44(3):396–404.

NIOSH TIC-2: 20067314

Wilkinson AF, Fent KW, Mayer AC, Chen I-C, Kesler RM, Kerber S, Smith DL, Horn GP [2023]. [Use of preliminary exposure reduction practices or laundering to mitigate polycyclic aromatic hydrocarbon contamination on firefighter personal protective equipment ensembles.](#) *Int J Environ Res Public Health* 20(3):2108.

NIOSH TIC-2: 20066936 | NORA: Public Safety

Wingate K, Dalsey E, Scott DP [2023]. [A review of occupational safety and health research for American Indians and Alaska Natives.](#) *J Safety Res* 84:204–211.

NIOSH TIC-2: 20066525

Wingate KC, Pratt S, Ramirez-Cardenas A, Hagan-Haynes K [2023]. [Risky driving behaviors and employer motor vehicle safety policies among U.S. oil and gas extraction workers.](#) *J Safety Res* 86:12–20.

NIOSH TIC-2: 20067724

Wingate KC, Ramirez-Cardenas A, Hill R, Ridl S, Hagan-Haynes K [2023]. [Fatalities in Oil and Gas Extraction database, an industry-specific worker fatality surveillance system—United States, 2014–2019](#). *MMWR Surveill Summ* 72(8):1–15.

NIOSHTIC-2: 20068328

Wu JZ, Pan CS, Wimer BM, Warren CM, Villeneuve F, Dong RG [2023]. [A finite element analysis of the effects of anchorage reaction forces and moments on structural stability of mast climbing work platforms](#). *J Multiscale Modell* 14(3):2350009.

NIOSHTIC-2: 20068720 | NORA: Construction

Xue Y, Bahrami D, Zhou L [2023]. [Identifying the location and size of an underground mine fire with simulated ventilation data and random forest model](#). *Min Metall Explor* 40(4):1399–1407.

NIOSHTIC-2: 20068041 | NORA: Mining

Yan L, Yantek DS, DeGennaro CR, Fernando RD [2023]. [Mathematical modeling for carbon dioxide level within confined spaces](#). *ASCE ASME J Risk Uncertain Eng Syst Part B Mech Eng* 9(2):024501.

NIOSHTIC-2: 20066672

Yang H, Lu M-L, Haldeman S, Swanson N [2023]. [Psychosocial risk factors for low back pain in U.S. workers: data from the 2002–2018 Quality of Work Life Survey](#). *Am J Ind Med* 66(1):41–53.

NIOSHTIC-2: 20066526

Ye Q, Raese R, Luo D, Cao S, Wan Y-W, Qian Y, Guo NL [2023]. [MicroRNA, mRNA, and proteomics biomarkers and therapeutic targets for improving lung cancer treatment outcomes](#). *Cancers* 15(8):2294.

NIOSHTIC-2: 20067549

Ye Q, Raese RA, Luo D, Feng J, Xin W, Dong C, Qian Y, Guo NL [2023]. [MicroRNA-based discovery of biomarkers, therapeutic targets, and repositioning drugs for breast cancer](#). *Cells* 12(14):1917.

NIOSHTIC-2: 20068201 | NORA: Manufacturing

Ye Q, Wang J, Ducatman B, Raese RA, Rogers JL, Wan Y-W, Dong C, Padden L, Pugacheva EN, Qian Y, Guo NL [2023]. [Expression-based diagnosis, treatment selection, and drug development for breast cancer](#). *Int J Mol Sci* 24(13):10561.

NIOSHTIC-2: 20067998

Yin W, Chen Y, Reddy C, Zheng L, Mehta RK, Zhang X [2023]. [Flexible sensor-based biomechanical evaluation of low-back exoskeleton use in lifting](#). *Ergonomics*: Epub ahead of print, 2023 May.

NIOSHTIC-2: 20067618 | NORA: Healthcare and Social Assistance

Young TL, Scieszka D, Begay JG, Lucas SN, Herbert G, Zychowski K, Hunter R, Salazar R, Ottens AK, Erdely A, Gu H, Campen MJ [2023]. [Aging influence on pulmonary and systemic inflammation and neural metabolomics arising from pulmonary multi-walled carbon nanotube exposure in apolipoprotein E-deficient and C57BL/6 female mice](#). *Inhal Toxicol* 35(3–4):86–100. **NIOSH-TIC-2: 20064411** | NORA: Manufacturing

Zablotska LB, Richardson DB, Golden A, Pasqual E, Smith B, Rage E, Demers PA, Do M, Fenske N, Deffner V, Kreuzer M, Samet J, Bertke S, Kelly-Reif K, Schubauer-Berigan MK, Tomasek L, Wiggins C, Laurier D, Apostoaei I, Thomas BA, Simon SL, Hoffman FO, Boice JD Jr., Dauer LT, Howard SC, Cohen SS, Mumma MT, Ellis ED, Eckerman KF, Leggett RW, Pawel DJ [2023]. [The epidemiology of lung cancer following radiation exposure](#). *Int J Radiat Biol* 99(3):569–580. **NIOSH-TIC-2: 20066001**

Zell-Baran LM, Go LHT, Sarver E, Almberg KS, Iwaniuk C, Green FHY, Abraham JL, Cool C, Franko A, Hubbs AF, Murray J, Orandle MS, Sanyal S, Vorajee N, Cohen RA, Rose CS [2023]. [Mining tenure and job duties differ among contemporary and historic underground coal miners with progressive massive fibrosis](#). *J Occup Environ Med* 65(4):315–320. **NIOSH-TIC-2: 20066406** | NORA: Manufacturing

Zervaki O, Dionysiou DD, Kulkarni P [2023]. [Characterization of a multi-stage focusing nozzle for collection of spot samples for aerosol chemical analysis](#). *J Aerosol Sci* 174:106235. **NIOSH-TIC-2: 20068154** | NORA: Construction / Manufacturing

Zervaki O, Stump B, Keady P, Dionysiou DD, Kulkarni P [2023]. [NanoSpot™ collector for aerosol sample collection for direct microscopy and spectroscopy analysis](#). *Aerosol Sci Technol* 57(4):342–354. **NIOSH-TIC-2: 20066919** | NORA: Construction / Manufacturing

Zheng L, Birch ME, Johnson B, Breitenstein M, Snawder J, Kulkarni P [2023]. [Correlation between graphitic carbon and elemental carbon in diesel particulate matter in workplace atmospheres](#). *Anal Chem* 95(6):3283–3290. **NIOSH-TIC-2: 20066895** | NORA: Construction / Manufacturing

Zheng Y, Reed WR, Potts JD [2023]. [Design of different shapes of drill shroud to reduce dust deposit using computational fluid dynamics method](#). *CIM J* 14(1):11–20. **NIOSH-TIC-2: 20068096** | NORA: Mining

Zhou G, Lu M-L, Yu D [2023]. [Investigating gripping force during lifting tasks using a pressure sensing glove system](#). *Appl Ergon* 107:103917. **NIOSH-TIC-2: 20066316**

Zhou G, Lu M-L, Yu D [2023]. [Tactile gloves predict load weight during lifting with deep neural networks](#). *IEEE Sens J* 23(16):18798–18809. **NIOSH-TIC-2: 20068097** | NORA: Construction

Zimmerman SM, Scott KA, Wingate KC, Ramirez-Cardenas A, Pompei R, Hagan-Haynes K, Hill RD, Wood E [2023]. [Working alone and/or in remote locations: opportunities to prevent the risk of fatality from cardiovascular events in oil and gas extraction workers.](#) *J Occup Environ Med* 65(6):481–487.

NIOSH TIC-2: [20067194](#)

Zivadinovic N, Abrahamsen R, Pesonen M, Wagstaff A, Torén K, Henneberger PK, Kongerud J, Fell AKM [2023]. [Loss to 5-year follow-up in the population-based Telemark Study: risk factors and potential for bias.](#) *BMJ Open* 13(3):e064311.

NIOSH TIC-2: [20067256](#)

Books or Book Chapters

Blackley DJ, Halldin CN, Hall NB, Porter D, Cauda E, Laney AS [2023]. [Coal dust](#). In: Paustenbach DJ, Farland WH, Klaunig J, Levy L, Greim H, eds. *Patty's toxicology*, 7th ed. Hoboken, NJ: John Wiley & Sons.

NIOSH TIC-2: 20069194

Hubbs AF, Porter DW, Mercer RR, Castranova V, Sargent LM, Sriram K [2023]. [Chapter 13—Nanoparticulates](#). In: Haschek WM, Rousseaux CG, Wallig MA, Bolon B, eds. *Haschek and Rousseaux's handbook of toxicologic pathology*, 4th ed. Vol. III: environmental toxicologic pathology and selected toxicant classes. London: Academic Press, pp. 797–838.

NIOSH TIC-2: 20068043 | NORA: Manufacturing

Joseph P [2023]. [Chapter 7—Toxicogenomics of multi-walled carbon nanotubes](#). In: Sahu SC, ed. *Impact of engineered nanomaterials in genomics and epigenomics*. Hoboken, NJ: Wiley, pp. 187–215.

NIOSH TIC-2: 20067778 | NORA: Construction

Masterson EA, Themann CL [2023]. [Chapter 1—Epidemiology of hearing](#). In: Alessio HM, Marron KH, eds. *Health and hearing*. Hackensack, NJ: World Scientific Publishing, pp. 1–43.

NIOSH TIC-2: 20069134

Ragsdale JM, Newman E [2023]. [Chapter 5—What psychology can offer in understanding journalists' well-being](#). In: Bélair-Gagnon V, Holton AE, Deuze M, Mellado C, eds. *Happiness in journalism*, 1st ed. New York: Routledge, pp. 33–46.

NIOSH TIC-2: 20069155

Sahmel J, Chang C-C, Laszcz-Davis C, Nelson D [2023]. [Chapter 16—Total Worker Health® metrics](#). In: Lawson RS, Booth CA, eds. *Industrial hygiene performance metrics*, 2nd ed. Falls Church, VA: American Industrial Hygiene Association (AIHA), pp. 131–137.

NIOSH TIC-2: 20068644

Vietas J [2023]. [Chapter 45—Artificial intelligence and global health](#). In: Krittanawong C, ed. *Artificial intelligence in clinical practice: how AI technologies impact medical research and clinics*. New York: Academic Press, pp. 395–399.

NIOSH TIC-2: 20069140 | NORA: Manufacturing

This page intentionally left blank.

NIOSH Numbered Products

NIOSH [2023]. [NIOSH Health Hazard Evaluation \(HHE\) Program: helping to eliminate workplace health hazards](#). Video. Cincinnati, OH: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2013-154 (Revised 04/2023).

NIOSHTIC-2: 20067409 | NORA: Services

NIOSH [2023]. [Local health departments and the NIOSH Health Hazard Evaluation Program: working together](#). Cincinnati, OH: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2014-113 (Revised 05/2023).

NIOSHTIC-2: 20067464 | NORA: Public Safety

NIOSH [2023]. [NIOSH Health Hazard Evaluation \(HHE\) Program: sampling for exposures](#). Video. Cincinnati, OH: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2014-118 (Revised 04/2023).

NIOSHTIC-2: 20067410 | NORA: Services

NIOSH [2023]. [NIOSH training for nurses on shift work and long work hours](#). Curriculum. By Caruso CC, Geiger-Brown J, Takahashi M, Trinkoff A, Nakata A. Cincinnati, OH: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2015-115 (Revised 10/2023).

NIOSHTIC-2: 20068746 | NORA: Healthcare and Social Assistance / Transportation, Warehousing and Utilities

NIOSH [2023]. [National Institute for Occupational Safety and Health Enhanced Coal Workers' Health Surveillance Program black lung screenings](#). Fact Sheet. By Wolfe A, Halldin C, Martin M. Morgantown, WV: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2019-112 (Revised 03/2023).

NIOSHTIC-2: 20067065 | NORA: Mining

NIOSH [2023]. [National Institute for Occupational Safety and Health Coal Workers' Health Surveillance Program](#). Fact Sheet. By Martin M, Halldin C, Wolfe A. Morgantown, WV: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2019-130 (Revised 03/2023).

NIOSHTIC-2: 20067061 | NORA: Mining

NIOSH, Occupational Safety and Health Administration (OSHA) [2023]. Small business safety and health handbook (superseded). Cincinnati, OH: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2021-120 (Revised 05/2023).

NIOSHTIC-2: 20067548

NIOSH [2023]. [National Firefighter Registry: be the first](#). Poster. Cincinnati, OH: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2023-102.

NIOSHTIC-2: 20067014 | NORA: Public Safety

NIOSH [2023]. [National Firefighter Registry: launch](#). Poster. Cincinnati, OH: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2023-103.

NIOSHTIC-2: 20067015 | NORA: Public Safety

NIOSH [2023]. [National Firefighter Registry: strength through diversity](#). Poster. Cincinnati, OH: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2023-104.

NIOSHTIC-2: 20067016 | NORA: Public Safety

NIOSH [2023]. [Roll call announcement: the National Firefighter Registry](#). Fact Sheet. Cincinnati, OH: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2023-105.

NIOSHTIC-2: 20067067 | NORA: Public Safety

NIOSH [2023]. [NFR stand together: a new effort 1](#) (superseded). Poster. Cincinnati, OH: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2023-106.

NIOSHTIC-2: 20067140 | NORA: Public Safety

NIOSH [2023]. [NFR stand together: a new effort 1](#). Poster. Cincinnati, OH: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2023-106 (Revised 06/2023).

NIOSHTIC-2: 20068022 | NORA: Public Safety

NIOSH [2023]. [NFR stand together: a new effort 2](#) (superseded). Poster. Cincinnati, OH: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2023-107.
NIOSHTIC-2: 20067141 | NORA: Public Safety

NIOSH [2023]. [NFR stand together: a new effort 2](#). Poster. Cincinnati, OH: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2023-107 (Revised 06/2023).
NIOSHTIC-2: 20068023 | NORA: Public Safety

NIOSH [2023]. [NFR stand together: groundbreaking 1](#) (superseded). Poster. Cincinnati, OH: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2023-108.
NIOSHTIC-2: 20067142 | NORA: Public Safety

NIOSH [2023]. [NFR stand together: groundbreaking 1](#). Poster. Cincinnati, OH: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2023-108 (Revised 06/2023).
NIOSHTIC-2: 20068024 | NORA: Public Safety

NIOSH [2023]. [NFR stand together: groundbreaking 2](#) (superseded). Poster. Cincinnati, OH: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2023-109.
NIOSHTIC-2: 20067143 | NORA: Public Safety

NIOSH [2023]. [NFR stand together: groundbreaking 2](#). Poster. Cincinnati, OH: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2023-109 (Revised 06/2023).
NIOSHTIC-2: 20068025 | NORA: Public Safety

NIOSH [2023]. [Stand together: join the National Firefighter Registry](#). Fact Sheet. Cincinnati, OH: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2023-110.
NIOSHTIC-2: 20067068 | NORA: Public Safety

NIOSH [2023]. [NFR stand together: wildland firefighters 1](#). Poster. Cincinnati, OH: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2023-111.
NIOSHTIC-2: 20067144 | NORA: Public Safety

NIOSH [2023]. [NFR stand together: wildland firefighters 2](#). Poster. Cincinnati, OH: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2023-112.
NIOSHTIC-2: 20067145 | NORA: Public Safety

NIOSH [2023]. [Safety and health at work: general guidance](#). Pamphlet. By Teske T, Syron L, Kloczko D, Check P, Flynn MA, Sadeghpour N, Filko A. Spokane, WA: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2023-113.

NIOSHTIC-2: 20067101

NIOSH [2023]. [Safety and health at work: prevention strategies](#). Pamphlet. By Teske T, Syron L, Kloczko D, Check P, Flynn MA, Sadeghpour N, Filko A. Spokane, WA: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2023-114.

NIOSHTIC-2: 20067102

NIOSH [2023]. [Safety and health at work: construction workers](#). Pamphlet. By Syron L, Teske T, Kloczko D, Check P, Flynn MA, Sadeghpour N, Filko A. Spokane, WA: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2023-115.

NIOSHTIC-2: 20067103

NIOSH [2023]. [Safety and health at work: hotel workers](#). Pamphlet. By Syron L, Kloczko D, Teske T, Check P, Flynn MA, Sadeghpour N, Filko A. Spokane, WA: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2023-116.

NIOSHTIC-2: 20067104

NIOSH [2023]. [Safety and health at work: construction workers](#). Poster. By Kloczko D, Syron L, Teske T, Filko A, Flynn MA, Check P, Sadeghpour N. Spokane, WA: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2023-117.

NIOSHTIC-2: 20067106

NIOSH [2023]. [Safety and health at work: hotel workers](#). Poster. By Syron L, Teske T, Kloczko D, Filko A, Flynn MA, Check P, Sadeghpour N. Spokane, WA: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2023-118.

NIOSHTIC-2: 20067107

NIOSH [2023]. [How to tell if your N95[®] respirator is NIOSH approved](#). Video. By Kiederer M, McCleery T, Lybrand E, Coop B, Magnafichi D, Cichowicz J, Casey M, Cauley J. Pittsburgh, PA: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2023-120.

NIOSHTIC-2: 20067059 | NORA: Healthcare and Social Assistance / Public Safety

NIOSH [2023]. [Reducing workplace violence in gasoline stations and convenience stores](#). Workplace Solutions. By Hughes SE, Menéndez CC, Afanuh SE. Cincinnati, OH: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2023-121.

NIOSHTIC-2: 20066889 | NORA: Construction / Manufacturing

NIOSH [2023]. [You've got this! Understanding hazards, risks, and controls for safer fluid transfers in oil and gas extraction](#). Video. Denver, CO: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2023-122.

NIOSHTIC-2: 20066888

NIOSH [2023]. American Indian and Alaska Native Worker Safety and Health Strategic Plan (superseded). Strategic Plan. By Dalsey E, Foley R, Hatcher S, Steege A, Hill R, Hagan-Haynes K, Franklin C. Denver, CO: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2023-123.

NIOSHTIC-2: 20067083 | NORA: Services

NIOSH [2023]. [American Indian and Alaska Native Worker Safety and Health Strategic Plan](#). Strategic Plan. By Dalsey E, Foley R, Hatcher S, Steege A, Hill R, Hagan-Haynes K, Franklin C. Denver, CO: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2023-123 (Revised 08/2023).

NIOSHTIC-2: 20068218 | NORA: Services

NIOSH [2023]. [How do I sign up for the National Firefighter Registry \(NFR\) for cancer?](#) (superseded). Fact Sheet. Cincinnati, OH: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2023-124.

NIOSHTIC-2: 20067046 | NORA: Public Safety

NIOSH [2023]. [How do I sign up for the National Firefighter Registry for cancer?](#) Fact Sheet. Cincinnati, OH: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2023-124 (Revised 07/2023).

NIOSHTIC-2: 20068082 | NORA: Public Safety

NIOSH [2023]. [Emergency decision-making: underground coal mine escape scenarios](#). Curriculum. By Mallett L, Bauerle T, LaFollette A, Connor B. Pittsburgh, PA: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2023-125.

NIOSHTIC-2: 20067024 | NORA: Mining

NIOSH [2023]. [Preventing deaths and injuries to firefighters working at strip mall fires](#). Workplace Solutions. By Loflin ME. Morgantown, WV: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2023-126.

NIOSHTIC-2: 20068524 | NORA: Public Safety

NIOSH [2023]. [Don't let germs make you sick! Kill germs with disinfectants](#). Poster. By Vixama G, Hughes SE, Afanuh SE. Cincinnati, OH: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2023-127.

NIOSHTIC-2: 20067105 | NORA: Construction / Manufacturing

NIOSH [2023]. [Verifying shelf life for NIOSH Approved® filtering facepiece respirators \(FFRs\)](#). PPE CASE Notes. By Greenawald LA, Moore SM, Schall J, Powers JR. Pittsburgh, PA: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2023-128.

NIOSHTIC-2: 20067116 | NORA: Healthcare and Social Assistance / Public Safety

NIOSH [2023]. [Procedures for developing the NIOSH List of Hazardous Drugs in Healthcare Settings](#). Report. By Whittaker C, Ovesen JL, MacKenzie BA, Hartley T, Berry KA, Piacentino J. Cincinnati, OH: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2023-129.

NIOSHTIC-2: 20067398

NIOSH [2023]. [Managing hazardous drug exposures: information for healthcare settings](#). Report. By Hodson L, Ovesen J, Couch J, Hirst D, Lawson C, Lentz TJ, MacKenzie B, Mead K. Cincinnati, OH: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2023-130.

NIOSHTIC-2: 20067397 | NORA: Services / Construction

NIOSH [2023]. [Keeping Cool: training to reduce heat stress incidents](#). Curriculum. By Mallett L, Connor B, Yeoman K, Victoroff T, Poplin G, DuBose W, Bauerle T. Pittsburgh, PA: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2023-131.

NIOSHTIC-2: 20067170 | NORA: Mining

NIOSH [2023]. [Know before you apply: summarized quality requirements needed to achieve NIOSH approval](#). Booklet. By Sewchok H, Miller C. Pittsburgh, PA: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2023-132.

NIOSHTIC-2: 20068038

NIOSH [2023]. [Self-escape core competency profile: guidance for improving underground coal miners' self-escape competency \(superseded\)](#). Information Circular. By Ryan ME, Brnich MJ Jr., Hoebbel CL. Pittsburgh, PA: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2023-133.

NIOSHTIC-2: 20067686

NIOSH [2023]. [Self-escape core competency profile: guidance for improving underground coal miners' self-escape competency](#). Information Circular. By Ryan ME, Brnich MJ Jr., Hoebbel CL. Pittsburgh, PA: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2023-133 (Revised 06/2023).

NIOSHTIC-2: 20067902

NIOSH [2023]. [Advancing self-escape training: a needs analysis based on the National Academy of Sciences report "improving self-escape from underground coal mines" \(superseded\)](#). Technical Report. By Hoebbel CL, Bellanca JL, Ryan ME, Brnich MJ Jr. Pittsburgh, PA: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2023-134.

NIOSHTIC-2: 20067688

NIOSH [2023]. [Advancing self-escape training: a needs analysis based on the National Academy of Sciences report "improving self-escape from underground coal mines."](#) Technical Report. By Hoebbel CL, Bellanca JL, Ryan ME, Brnich MJ Jr. Pittsburgh, PA: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2023-134 (Revised 06/2023).

NIOSHTIC-2: 20067903

NIOSH [2023]. [Safety culture in healthcare settings](#). Curriculum. By Rogers B, Francis R, Dembski-Hart P, Hessels A, Hilton T, Casey M, Martin M. Morgantown, WV: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2023-135.

NIOSHTIC-2: 20067546

NIOSH [2023]. [Healthcare worker wellbeing: making the system work for healthcare workers](#). Fact Sheet. Atlanta, GA: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2023-136.

NIOSHTIC-2: 20067590

NIOSH [2023]. [Preventing dump truck-related injuries and deaths during construction—guidance for employers](#). Fact Sheet. Atlanta, GA: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2023-137.

NIOSHTIC-2: 20067740 | NORA: Construction

NIOSH [2023]. [Technology News 565—Keeping Cool: training to reduce heat stress incidents in mines](#). Technology News. By Connor B. Pittsburgh, PA: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2023-138.

NIOSHTIC-2: 20068116 | NORA: Mining

NIOSH [2023]. Personal protective equipment recommendations for response to chemical suicide incidents (superseded). Safety and Health Advisory. By Attwood WR, Kiederer M, Greenawald L, Niemeier RT, Lyons B, Tantlinger C, Moore S. Pittsburgh, PA: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2023-139.

NIOSHTIC-2: 20068460 | NORA: Public Safety

NIOSH [2023]. [Personal protective equipment recommendations for response to chemical suicide incidents](#). Safety and Health Advisory. By Attwood WR, Kiederer M, Greenawald L, Niemeier RT, Lyons B, Tantlinger C, Moore S. Pittsburgh, PA: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2023-139 (Revised 09/2023).

NIOSHTIC-2: 20068532 | NORA: Public Safety

NIOSH [2023]. [How can fire departments support the National Firefighter Registry for Cancer? Toolkit](#). Cincinnati, OH: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2023-140.

NIOSHTIC-2: 20068437 | NORA: Public Safety

NIOSH [2023]. [Reducing workers' lead exposure during water service line removal and replacement](#). Workplace Solutions. By Hughes SE, Methner M, de Perio MA, Afanuh SE. Cincinnati, OH: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2023-141.

NIOSHTIC-2: 20068562 | NORA: Construction / Manufacturing / Services

NIOSH [2023]. [Heat stress: first aid for heat illness](#). Fact Sheet. By Yeoman K, Victoroff T. Spokane, WA: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2024-100.

NIOSHTIC-2: 20068635

NIOSH [2023]. Leave lead at work (superseded). Fact Sheet. By Couch J, Rinsky J, Grimes GR, Carlson K, Reynolds L, Burnett G, Tsai R. Cincinnati, OH: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2024-101.

NIOSHTIC-2: 20068597

NIOSH [2023]. [Leave lead at work](#). Fact Sheet. By Couch J, Rinsky J, Grimes GR, Carlson K, Reynolds L, Burnett G, Tsai R. Cincinnati, OH: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2024-101 (Revised 10/2023).

NIOSHTIC-2: 20068658 | NORA: Services

NIOSH [2023]. [Preventing excavator quick coupler attachment struck-by fatalities and injuries](#). Fact Sheet. Cincinnati, OH: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2024-102.

NIOSHTIC-2: 20068612 | NORA: Construction

NIOSH [2023]. [Approaches to safe 3D printing: a guide for makerspace users, schools, libraries, and small businesses](#). Technical Report. By Hodson L, Dunn KL, Dunn KH, Glassford E, Hammond D, Roth G. Cincinnati, OH: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2024-103.

NIOSHTIC-2: 20068749 | NORA: Manufacturing

NIOSH [2023]. [Understanding your elastomeric respirator](#). Infographic. Pittsburgh, PA: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health (not numbered).

NIOSHTIC-2: 20069019

NIOSH [2023]. [Styles de poils faciaux et masques respiratoires filtrants](#). Infographie. Pittsburgh, PA: U.S. Département Américain de la Santé et des services Sociaux, Centres de Contrôle des Maladies et Prévention, Institut National pour la Sécurité et la Santé au Travail (sans nombre).

NIOSHTIC-2: 20069018

NIOSH [2023]. [Clasificación de NIOSH para filtros de respiradores](#). Infografía. Pittsburgh, PA: U.S. Département Américain de la Santé et des services Sociaux, Centres de Contrôle des Maladies et Prévention, Institut National pour la Sécurité et la Santé au Travail (sin numerar).

NIOSHTIC-2: 20069017

NIOSH [2023]. [Cómo entender la diferencia: mascarilla quirúrgica, respirador N95, respirador elastomérico de media cara](#). Infografía. Pittsburgh, PA: U.S. Département Américain de la Santé et des services Sociaux, Centres de Contrôle des Maladies et Prévention, Institut National pour la Sécurité et la Santé au Travail.

NIOSHTIC-2: 20069016

NIOSH [2023]. [Cómo funciona su respirador elastomérico](#). Infografía. Pittsburgh, PA: U.S. Département Américain de la Santé et des services Sociaux, Centres de Contrôle des Maladies et Prévention, Institut National pour la Sécurité et la Santé au Travail (sin numerar).

NIOSHTIC-2: 20069020

This page intentionally left blank.

Proceedings

Ajayi KM, Gangrade V, Harris ML, Briton J, Fritz J, Young M, Cole G [2023]. [Development of Air Quantity Estimator \(AQE 2.0\) software for estimating airflow requirements for diluting diesel particulate matter](#). Preprint 23-041. MineXchange: 2023 SME Annual Conference and Expo, February 26–March 1, 2023, Denver, Colorado. Englewood, CO: Society for Mining, Metallurgy & Exploration (SME), 4 pages.

NIOSHTIC-2: 20067857 | NORA: Mining

Barham M, Bauerle T, Eiter B [2023]. [Are fatigue and sleepiness the same? A brief introduction to the differences and similarities and their implications for work safety](#). Preprint 23-024.

MineXchange: 2023 SME Annual Conference and Expo, February 26–March 1, 2023, Denver, Colorado. Englewood, CO: Society for Mining, Metallurgy & Exploration (SME), 5 pages.

NIOSHTIC-2: 20067856 | NORA: Mining

Bellanca JL, Macdonald B, Navoyski J, Hrica JK, Orr TJ, Demich B, Hoebbel CL [2023]. [Using near-miss events to create training videos](#). Preprint 23-008. MineXchange: 2023 SME Annual Conference and Expo, February 26–March 1, 2023, Denver, Colorado. Englewood, CO: Society for Mining, Metallurgy & Exploration (SME), 7 pages.

NIOSHTIC-2: 20067867 | NORA: Mining

Bellanca JL, Orr TJ, Hoebbel C, Helfrich W, Macdonald B, Navoyski J, Demich B, Mechling JJ, Schmidt PE, Chasko LL, Cohen J [2023]. [Usability of collaborative “VR Mine Rescue Training” platform](#). Application of Computers and Operations Research in the Mineral Industry (APCOM) Conference, June 26–28, 2023, Rapid City, South Dakota. Englewood, CO: Society for Mining, Metallurgy & Exploration (SME), 16 pages.

NIOSHTIC-2: 20068817 | NORA: Mining

Bissonette R, Sbai S [2023]. [Evaluation of models for interaction probability in autonomous monitor and control environments](#). Application of Computers and Operations Research in the Mineral Industry (APCOM) Conference, June 26–28, 2023, Rapid City, South Dakota.

Englewood, CO: Society for Mining, Metallurgy & Exploration (SME), 10 pages.

NIOSHTIC-2: 20068652 | NORA: Mining

Boltz S, Chambers D, Sbai S, Janson P [2023]. [Developing a velocity model for an underground coal mine using a compressed load column seismic source](#). Paper No. ARMA 2023-0284. 57th U.S. Rock Mechanics/Geomechanics Symposium, June 25–28, 2023, Atlanta, Georgia. Alexandria, VA: American Rock Mechanics Association.

NIOSHTIC-2: 20068947 | NORA: Mining

Bourgeois J, Emery T, Seymour B, Sweet D, Porter D [2023]. [Cemented rockfill size effect study with specific focus on different sample preparation techniques](#). Preprint 23-046. MineXchange: 2023 SME Annual Conference and Expo, February 26–March 1, 2023, Denver, Colorado. Englewood, CO: Society for Mining, Metallurgy & Exploration (SME), 6 pages.

NIOSHTIC-2: 20067849 | NORA: Mining

Dong RG, Warren C, Wu JZ, Xu XS, Welcome DE, Waugh S, Krajnak K [2023]. [Development of a novel rat-tail model for studying finger vibration health effects](#). 15th International Conference on Hand-Arm Vibration, June 6–9, 2023, Nancy, France. Proceedings 2023 86(1):24. Basel, Switzerland: Multidisciplinary Digital Publishing Institute (MDPI).

NIOSHTIC-2: 20068657 | NORA: Manufacturing

Gangrade V, Addis J, Vanderslice S [2023]. [Evaluation of mine ventilation in large-opening underground stone mines](#). Preprint 23-040. MineXchange: 2023 SME Annual Conference and Expo, February 26–March 1, 2023, Denver, Colorado. Englewood, CO: Society for Mining, Metallurgy & Exploration (SME), 5 pages.

NIOSHTIC-2: 20067853 | NORA: Mining

Jacksha R, Sunderman C, Bissonette R [2023]. [Wireless coexistence: concepts and implications in the mining industry](#). Preprint 23-002. MineXchange: 2023 SME Annual Conference and Expo, February 26–March 1, 2023, Denver, Colorado. Englewood, CO: Society for Mining, Metallurgy & Exploration (SME), 3 pages.

NIOSHTIC-2: 20067852 | NORA: Mining

Jacksha RD, Bissonette RH [2023]. [Wireless coexistence: impact in the mining industry](#). 2023 IEEE International Symposium on Electromagnetic Compatibility, Signal & Power Integrity (EMC+SIPI), July 31–August 4, 2023, Grand Rapids, Michigan. New York: Institute of Electrical and Electronics Engineers (IEEE), p. 380.

NIOSHTIC-2: 20068650 | NORA: Mining

Khademian Z, Sears M, Esterhuizen GS [2023]. [Contribution of individual support components to roof stability in a longwall gateroad](#). Preprint 23-042. MineXchange: 2023 SME Annual Conference and Expo, February 26–March 1, 2023, Denver, Colorado. Englewood, CO: Society for Mining, Metallurgy & Exploration (SME), 6 pages.

NIOSHTIC-2: 20067864 | NORA: Mining

Khademian Z, Van Dyke MA, Beale J, Wickline J [2023]. [Investigation of parameters affecting seismic potentials in a deep longwall mine](#). Paper No. ARMA 2023-0434. 57th U.S. Rock Mechanics/Geomechanics Symposium, June 25–28, 2023, Atlanta, Georgia. Alexandria, VA: American Rock Mechanics Association (ARMA).

NIOSHTIC-2: 20068945 | NORA: Mining / Oil and Gas Extraction

Kim BH, Larson MK [2023]. [3DEC simulations of dynamic direct shear tests considering joint roughness coefficient \(JRC\)](#). Paper No. ARMA 2023-0014. 57th U.S. Rock Mechanics/Geomechanics Symposium, June 25–28, 2023, Atlanta, Georgia. Alexandria, VA: American Rock Mechanics Association (ARMA).

NIOSHTIC-2: 20068946 | NORA: Mining

Kim BH, Larson MK [2023]. [Stability analysis of underground excavations in limestone under dynamic loading](#). In: Klemetti T, Tulu IB, Lawson H, Murphy M, Perry K, eds. Proceedings of the 42nd International Conference on Ground Control in Mining (ICGCM 2023), July 25–27, 2023, Canonsburg, Pennsylvania. Englewood, CO: Society for Mining, Metallurgy & Exploration (SME), 11 pages.

NIOSHTIC-2: 20068648 | NORA: Mining

Klima SS, Zheng Y, Jiang H, Beck TW [2023]. [A comparison of different water sprays at high pressures for respirable coal dust knockdown ability in a confined chamber](#). Preprint 23-039. MineXchange: 2023 SME Annual Conference and Expo, February 26–March 1, 2023, Denver, Colorado. Englewood, CO: Society for Mining, Metallurgy & Exploration (SME), 3 pages.

NIOSHTIC-2: 20067868 | NORA: Mining

Krajnak K, Warren C, Xu XS, Waugh S, Chapman P, Welcome DE, Dong RG [2023]. [Effects of applied pressure on sensorineural and peripheral vascular function in an animal model of hand-arm vibration syndrome](#). 15th International Conference on Hand-Arm Vibration, June 6–9, 2023, Nancy, France. Proceedings 2023 86(1):15. Basel, Switzerland: Multidisciplinary Digital Publishing Institute (MDPI).

NIOSHTIC-2: 20068653 | NORA: Manufacturing

Larson MK, Kim BH [2023]. [Using UT3PC and LaModel to aid the mine engineer in evaluating mine layout design](#). In: Klemetti T, Tulu IB, Lawson H, Murphy M, Perry K, eds. Proceedings of the 42nd International Conference on Ground Control in Mining (ICGCM 2023), July 25–27, 2023, Canonsburg, Pennsylvania. Englewood, CO: Society for Mining, Metallurgy & Exploration (SME), 19 pages.

NIOSHTIC-2: 20068649 | NORA: Mining

Lawson H, Hanson DR [2023]. [Using machine learning to evaluate coal geochemical data with respect to dynamic failures](#). Preprint 23-026. MineXchange: 2023 SME Annual Conference and Expo, February 26–March 1, 2023, Denver, Colorado. Englewood, CO: Society for Mining, Metallurgy & Exploration (SME), 9 pages.

NIOSHTIC-2: 20067848 | NORA: Mining

Mahmoud S, Bennett J, Hosni M, Jones B [2023]. [Full paper of COBEE2022](#). In: Wang LL, Ge H, Zhai ZJ, Qi D, Ouf M, Sun C, Wang D, eds. Proceedings of the 5th International Conference on Building Energy and Environment (COBEE 2022). Environmental Science and Engineering. July 25–29, 2022, Montréal, Canada. Singapore: Springer, pp. 2035–2043.

NIOSH TIC-2: 20068603 | NORA: Construction

Mohamed K, Batchler T, Matthews T, McElhinney D [2023]. [Analysis of steel props under different loading scenarios](#). Preprint 23-023. MineXchange: 2023 SME Annual Conference and Expo, February 26–March 1, 2023, Denver, Colorado. Englewood, CO: Society for Mining, Metallurgy & Exploration (SME), 8 pages.

NIOSH TIC-2: 20067858 | NORA: Mining

Morata TC [2023]. [Loud, but not clear: current challenges and opportunities to limit risks from overexposure to noise](#). 14th ICBEN Congress on Noise as a Public Health Problem, June 18–22, 2023, Belgrade, Serbia. The Hague, The Netherlands: International Commission on Biological Effects of Noise (ICBEN), 4 pages.

NIOSH TIC-2: 20068768

Petery G [2023]. [What's a leader to do? Developing tools and resources for managing an aging workforce](#). 21st European Association of Work and Organizational Psychology (EAWOP) Congress, May 24–27, 2023, Katowice, Poland. Rotterdam, The Netherlands: EAWOP, pp. 1468–1469.

NIOSH TIC-2: 20069160 | NORA: Manufacturing

Petery GA, Nigam JAS, Ragsdale J [2023]. [Work and women's health: exposures and support for fertility, maternity, and motherhood](#). 38th Annual Society for Industrial and Organizational Psychology (SIOP) Conference, April 19–22, 2023, Boston, Massachusetts. Bowling Green, OH: SIOP, pp. 46–47.

NIOSH TIC-2: 20069159

Petery GA, Ragsdale JM, Nigam JAS [2023]. [Menstruation, menopause, and mental health: exposing taboos of women's health at work](#). 38th Annual Society for Industrial and Organizational Psychology (SIOP) Conference, April 19–22, 2023, Boston, Massachusetts. Bowling Green, OH: SIOP, p. 70.

NIOSH TIC-2: 20069158

Rayyan N, Brown C, Dubaniewicz TH [2023]. [Thermal runaway of LTO and NCA lithium-ion batteries in a sealed enclosure containing methane](#). Preprint 23-043. MineXchange: 2023 SME Annual Conference and Expo, February 26–March 1, 2023, Denver, Colorado. Englewood, CO: Society for Mining, Metallurgy & Exploration (SME), 5 pages.

NIOSH TIC-2: 20067865

Stazick C, Suderman C, Feagan G [2023]. [Galvanic corrosion between graphitic rock and ground support in underground mines](#). Preprint 23-004. MineXchange: 2023 SME Annual Conference and Expo, February 26–March 1, 2023, Denver, Colorado. Englewood, CO: Society for Mining, Metallurgy & Exploration (SME), 7 pages.

NIOSHTIC-2: 20067855 | NORA: Mining

Su DW, Zhang P [2023]. [Longwall-induced deformations and shale gas well casing stresses: engineering principles](#). Paper No. ARMA 2023-0037. 57th U.S. Rock Mechanics/Geomechanics Symposium, June 25–28, 2023, Atlanta, Georgia. Alexandria, VA: American Rock Mechanics Association (ARMA).

NIOSHTIC-2: 20068944 | NORA: Mining / Oil and Gas Extraction

Sunderman CB, Snyder DP, Jacksha RD [2023]. [Emissions and immunity of wireless systems installed in underground mines](#). 2023 IEEE International Symposium on Electromagnetic Compatibility, Signal & Power Integrity (EMC+SIPI), July 31–August 4, 2023, Grand Rapids, Michigan. New York: Institute of Electrical and Electronics Engineers (IEEE), p. 82.

NIOSHTIC-2: 20068651 | NORA: Mining

Tang W, Yuan L, Thomas R, Soles J [2023]. [Comparison of fire suppression techniques on lithium-ion battery pack fires](#). Preprint 23-006. MineXchange: 2023 SME Annual Conference and Expo, February 26–March 1, 2023, Denver, Colorado. Englewood, CO: Society for Mining, Metallurgy & Exploration (SME), 4 pages.

NIOSHTIC-2: 20067783

Yan L, Lambie B, Carr J, Srednicki J [2023]. [Electromagnetic emission measurement of the shielded metal arc welding \(SMAW\) process](#). Preprint 23-001. MineXchange: 2023 SME Annual Conference and Expo, February 26–March 1, 2023, Denver, Colorado. Englewood, CO: Society for Mining, Metallurgy & Exploration (SME), 5 pages.

NIOSHTIC-2: 20067851 | NORA: Mining

Zhang P, Su D, Van Dyke M, Kim BH [2023]. [A case study of shale gas well casing deformation in longwall chain pillars under deep cover](#). Paper No. ARMA 2023-0082. 57th U.S. Rock Mechanics/Geomechanics Symposium, June 25–28, 2023, Atlanta, Georgia. Alexandria, VA: American Rock Mechanics Association (ARMA).

NIOSHTIC-2: 20068948 | NORA: Mining / Oil and Gas Extraction

Zhang Y, Carr J, Zhou C, Jobs C, Srednicki J, Tuchman D, Yekich M, Galanko J [2023]. [A comparison of EM emission reduction methods for personal dust monitors](#). Preprint 23-005. MineXchange: 2023 SME Annual Conference and Expo, February 26–March 1, 2023, Denver, Colorado. Englewood, CO: Society for Mining, Metallurgy & Exploration (SME), 5 pages.

NIOSHTIC-2: 20067854 | NORA: Mining

Zheng Y, Jiang H, Klima SS, Beck TW [2023]. [Lab evaluation of a new type of air-cleaning fan for respirable dust control](#). Preprint 23-018. MineXchange: 2023 SME Annual Conference and Expo, February 26–March 1, 2023, Denver, Colorado. Englewood, CO: Society for Mining, Metallurgy & Exploration (SME), 5 pages.

NIOSHTIC-2: 20067850 | NORA: Mining

Zhou C, Srednicki J [2023]. [Characterizing radio emissions from electronic systems used in underground coal mines](#). Preprint 23-012. MineXchange: 2023 SME Annual Conference and Expo, February 26–March 1, 2023, Denver, Colorado. Englewood, CO: Society for Mining, Metallurgy & Exploration (SME), 4 pages.

NIOSHTIC-2: 20067862 | NORA: Mining

Abstracts

Anderson K, Callaway P [2023]. [Characterizing exposures from n-free nail polishes](#). Abstract. *Birth Defects Res* 115(8):871.

NIOSH-TIC-2: 20068668 | NORA: Services

Antonini JM, Kodali V, Meighan T, McKinney W, Cumpston JL, Leonard HD, Cumpston JB, Jackson M, Friend S, Leonard SS, Andrews R, Zeidler-Erdely PC, Erdely A, Lee EG, Afshari A [2023]. [Lung toxicity in rats after inhalation of aerosols generated during thermal spray coating using different consumable materials](#). Abstract. *Toxicologist* 192(Suppl 1):466.

NIOSH-TIC-2: 20067229

Calkins M [2023]. [Evaluation of biomarkers of exposure in southern California firefighters responding to wildland-urban interface fire incidents](#). Abstract. *Toxicologist* 192(Suppl 1):37–38.

NIOSH-TIC-2: 20067209 | NORA: Public Safety

Chittiboyina S, Edmondson M [2023]. [Acute exposures to acetone and developing an immediately dangerous to life or health \(IDLH\) value in occupational settings](#). Abstract.

Toxicologist 192(Suppl 1):442.

NIOSH-TIC-2: 20067226

Erdely A [2023]. [Understanding exposure, hazard identification, and human health effects: how ultrafine/nano particle toxicology influenced occupational safety and health](#). Abstract. *Ann Work Expo Health* 67(Suppl 1):i40.

NIOSH-TIC-2: 20067573 | NORA: Construction

Farcas MT, McKinney W, Mandler W, Knepp A, Service S, Battelli L, Friend SA, LeBouf R, Thomas TA, Matheson JA, Qian Y [2023]. [Pulmonary evaluation of whole-body inhalation exposure of polycarbonate \(PC\) filament 3D printer emissions in rats](#). Abstract. *Toxicologist* 192(Suppl 1):428.

NIOSH-TIC-2: 20067223 | NORA: Manufacturing

Fent K [2023]. [Exposure and cancer risks among structural firefighters](#). Abstract. *Toxicologist* 192(Suppl 1):9.

NIOSH-TIC-2: 20067208 | NORA: Public Safety

Frank EA, Meek B [2023]. [Systematic application of mode-of-action and human relevance analysis: styrene-induced lung tumors in mice](#). Abstract. *Toxicologist* 192(Suppl 1):278.
NIOSH-TIC-2: 20067220

Fraser K, Xin X, Kodali VK, Roach KA, Stefaniak A, Stueckle TA, Roberts JR [2023]. [Physicochemical characterization and pulmonary in vitro toxicity screening of different categories of two-dimensional \(2D\) nanomaterials](#). Abstract. *Toxicologist* 192(Suppl 1):500–501.
NIOSH-TIC-2: 20067235 | NORA: Manufacturing

Joseph P, McKinney W, Beck T, Sager T [2023]. [Lung response to coal dust and crystalline silica exposure in rats](#). Abstract. *Toxicologist* 192(Suppl 1):344.
NIOSH-TIC-2: 20067222 | NORA: Mining

Katruska A, Santiago-Colón A, Iker K [2023]. [Living review of World Trade Center health effects](#). Abstract. *J Clin Transl Sci* 7(Suppl 1):121.
NIOSH-TIC-2: 20068807

Keil A, Kelly-Reif K, Bertke S, Daniels RD, Thierry-Chef I, Moissonnier M, Kesminiene A, Schubauer-Berigan MK, Leuraud K, Laurier D, Gillies M, Haylock R, Richardson DB [2023]. [Age-at-exposure and time-since-exposure in causal inference: ionizing radiation and cancer mortality in INWORKS](#). Abstract. *Occup Environ Med* 80(Suppl 1):A28.
NIOSH-TIC-2: 20068665

Keil A, Li Y, Kelly-Reif K [2023]. [A novel weighting approach to addressing healthy worker survivor bias](#). Abstract. *Occup Environ Med* 80(Suppl 1):A78.
NIOSH-TIC-2: 20068664 | NORA: Manufacturing

Kelly-Reif K [2023]. [Challenges and opportunities in contemporary occupational epidemiology research](#). Abstract. *Occup Environ Med* 80(Suppl 1):A4.
NIOSH-TIC-2: 20068666

Kelly-Reif K, Bertke S, Daniels RD, Richardson DB, Schubauer-Berigan MK [2023]. [Associations between occupational ionizing radiation exposure and cancer mortality: an update of the pooled U.S. nuclear workers study](#). Abstract. *Occup Environ Med* 80(Suppl 1):A60–A61.
NIOSH-TIC-2: 20068663 | NORA: Manufacturing

Kelly-Reif K, Bertke S, Demers PA, Samet JM, Sood A, Schubauer-Berigan MK, Tomasek L, Zablotska LB, Wiggins C, Rage E, Laurier D, Richardson DB [2023]. [New research on the continued health burdens of uranium miners: implications for workers compensation in the United States](#). Abstract. *Occup Environ Med* 80(Suppl 1):A63.
NIOSH-TIC-2: 20068667

- Kisin ER, Guppi S, Friend S, Shvedova AA [2023]. [Combined long-term effects of metal nanocatalysts and UVB on human epidermal keratinocytes](#). Abstract. *Toxicologist* 192(Suppl 1):500.
NIOSH-TIC-2: 20067234 | NORA: Manufacturing
- Kodali V, Roberts JR, Fraser K, Gill R, Eye T, McKinney W, Afshari A, Erdely A, Lee E [2023]. [Characterization and toxicity assessment of aerosolized particles generated during cutting of carbon nanotubes-embedded concrete](#). Abstract. *Toxicologist* 192(Suppl 1):499.
NIOSH-TIC-2: 20067233 | NORA: Construction
- Lim CS, Kashon M, Porter D, Ma Q [2023]. [Multi-walled carbon nanotubes stimulate arachidonate 5-Lipoxygenase-dependent M1 polarization of macrophages to promote proinflammatory response in vitro](#). Abstract. *J Pharmacol Exp Ther* 385(Suppl 3):25.
NIOSH-TIC-2: 20068611 | NORA: Manufacturing
- Ma Q, Lim CS, Matalkah F, Porter D, Buck M [2023]. [Induction of thioredoxin-interacting protein and role in NLRP3 activation by carbon nanotubes in macrophages](#). Abstract. *J Pharmacol Exp Ther* 385(Suppl 3):57.
NIOSH-TIC-2: 20068610 | NORA: Construction / Manufacturing
- Mandler WK, McKinney WG, Orandle MS, Knepp AK, Battelli LA, Friend SA, Qian Y [2023]. [Acute pulmonary response and lung burden following solid surface composite dust inhalation](#). Abstract. *Toxicologist* 192(Suppl 1):469–470.
NIOSH-TIC-2: 20067230 | NORA: Manufacturing
- Mazurek J, Syamlal G, Dodd K [2023]. [Asthma mortality among ever-employed persons aged ≥15 years, by industry and occupation](#). Abstract. *J Allergy Clin Immunol* 151(2)(Suppl):AB226.
NIOSH-TIC-2: 20067453
- Miller MM, Ahmed C, Dunbar G, Gomez Ponce T, Malley J, Johnson JA, Chittum G, Tsoggerel A, Woodward W, Croston TL, Blackwood C, Lemons AR, Beezhold DH, Green BJ, Weaver KL, Block ML [2023]. Sex differences in the Th2 lung-brain axis response to *Aspergillus versicolor* inhalation in C57BL/6J mice. Abstract. *Toxicologist* 192(Suppl 2):45–46.
NIOSH-TIC-2: 20067236
- Niemeier RT, Hudson N, Stefaniak A, Maier A, Reichard JF [2023]. [Dissolution of inorganic lead \(Pb\) compounds in synthetic sweat to assess risk of dermal exposure](#). Abstract. *Toxicologist* 192(Suppl 1):441.
NIOSH-TIC-2: 20067225
- Pandalai SP [2023]. [A preliminary quantitative risk assessment of inhalation exposure to diethanolamine and respiratory effects](#). Abstract. *Toxicologist* 192(Suppl 1):440–441.
NIOSH-TIC-2: 20067224

Pathak D, Lin GX, McKinney W, Antonini JM, Sriram K [2023]. [Aberration of corticothalamic brain regions in rats exposed to welding fumes](#). Abstract. *Toxicologist* 192(Suppl 1):462.

NIOSHTIC-2: 20067227 | NORA: Manufacturing

Rashed G, Slaker B, Murphy M [2023]. [Exploration of limestone pillar stability in multiple-level mining conditions using numerical models](#). Abstract. *Min Eng* 75(1):35–37.

NIOSHTIC-2: 20066798

Roach KA, Kodali V, Shoeb M, Meighan T, Kashon M, Stone S, McKinney W, Erdely A, Zeidler-Erdely P, Roberts JR, Antonini J [2023]. [Examination of the exposome in an animal model: the impact of high-fat diet and rat strain on local and systemic immune markers following occupational welding fume exposure](#). Abstract. *Toxicologist* 192(Suppl 1):83.

NIOSHTIC-2: 20067211

Roberts JR, Boyce GR, Roach KA, Antonini JM, Powell MJ, Kodali VK, Fraser KE, Stefaniak AB, Kashon ML, Hettick JM [2023]. [Changes in the serum metabolome of rats following intratracheal instillation of particles representing different potential mode-of-action categories of nanomaterials](#). Abstract. *Toxicologist* 192(Suppl 1):497.

NIOSHTIC-2: 20067232 | NORA: Manufacturing

Roberts JR, Kodali VK, Stefaniak AB, Boots TE [2023]. [Analysis of the material properties of importance in the classification of toxicity of graphene nanomaterials](#). Abstract. *Ann Work Expo Health* 67(Suppl 1):i48.

NIOSHTIC-2: 20067577

Ruiter S, Kuijpers E, Bard D, Saunders J, Snawder J, Warren N, Gorce J-P, Cauda E, Pronk A [2023]. [Applying low-cost particulate matter sensors for characterizing occupational exposure; findings from field studies in different industries](#). Abstract. *Ann Work Expo Health* 67(Suppl 1):i15.

NIOSHTIC-2: 20067570

Sager TM, McKinney W, Joseph P [2023]. [Effect of crystalline silica and welding fume on lung-associated gene changes in the rat](#). Abstract. *Toxicologist* 192(Suppl 1):466.

NIOSHTIC-2: 20067228 | NORA: Construction

Santiago-Colón A, Katruska A, Iker K [2023]. [Scoping review of the health effects of youth due to the September 11, 2001 terrorist attacks](#). Abstract. *J Clin Transl Sci* 7(Suppl 1):42–43.

NIOSHTIC-2: 20068808

Sriram K, Lin X, McKinney W, Antonini JM, Fedan JS, Hubbs AF [2023]. [Olfactory and central neurotoxicity of occupationally relevant inhaled aerosols](#). Abstract. *Toxicologist* 192(Suppl 1):298.

NIOSHTIC-2: 20067221 | NORA: Manufacturing

Stueckle T, Calkins M, Beitel S, Burgess J, Rojanasakul L [2023]. [Toxicity and transcriptome comparisons of different firefighting foam exposures in human renal proximal tubule epithelial cells](#). Abstract. *Toxicologist* 192(Suppl 1):260.

NIOSH TIC-2: 20067215 | NORA: Public Safety

Weatherly LM, Shane HL, Lukomska E, Baur R, Anderson SE [2023]. [Systemic toxicity induced by topical application of per- and polyfluoroalkyl substances \(PFAS\) in a murine model](#). Abstract. *Toxicologist* 192(Suppl 1):261.

NIOSH TIC-2: 20067216 | NORA: Manufacturing / Public Safety

Whittaker C, Lucas L [2023]. [How the 70-kg man impacts NIOSH-Recommended Exposure Limits](#). Abstract. *Toxicologist* 192(Suppl 1):277.

NIOSH TIC-2: 20067219

Zeidler-Erdely PC, Kodali V, Leonard SS, Antonini JM, Salmen R, Trainor-Dearmitt T, Grose L, Betler E, Erdely A [2023]. [In vivo toxicity comparison of surrogate metal oxide mixtures from welding fumes](#). Abstract. *Toxicologist* 192(Suppl 1):166.

NIOSH TIC-2: 20067212 | NORA: Manufacturing

Zhang P, Esterhuizen G, Sears M, Trackemas J, Minoski T, Tulu B [2023]. [Roof stability and support strategies associated with longwall-induced horizontal stress changes in belt entries](#). Abstract. *Min Eng* 75(1):41–43.

NIOSH TIC-2: 20066797 | NORA: Mining

This page intentionally left blank.

Control Technology Reports

NIOSH [2023]. [Characterization of airborne dust generated from the grinding of natural and engineered stone products](#). By Thompson D, Qi C. Cincinnati, OH: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, NIOSH Control Technology Report No. EPHB-2023-DFSE-1489.
NIOSH TIC-2: 20068745 | NORA: Construction / Manufacturing

This page intentionally left blank.

Fatality Assessment and Control Evaluation Reports

NIOSH [2023]. [Sergeant struck by a motor vehicle on interstate highway—New Mexico](#). FACE IT: Report Slides. Morgantown, WV: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fatality Assessment and Control Evaluation (FACE) Report No. FACE-L2014-01rs.

NIOSHTIC-2: [20066784](#)

NIOSH [2023]. [Trooper crashes on roadway while responding to reckless driver complaint—Kentucky](#). FACE IT: Report Slides. Morgantown, WV: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fatality Assessment and Control Evaluation (FACE) Report No. FACE-L2016-02rs.

NIOSHTIC-2: [20066791](#)

NIOSH [2023]. [Officer dies in motor vehicle crash at an intersection while responding to a shots fired call—South Carolina](#). FACE IT: Report Slides. Morgantown, WV: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fatality Assessment and Control Evaluation (FACE) Report No. FACE-L2016-03rs.

NIOSHTIC-2: [20066810](#)

NIOSH [2023]. [City sanitation refuse truck driver struck-by motorist—North Carolina](#). By Fowler ML, Romano N, Lincoln JE. Morgantown, WV: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fatality Assessment and Control Evaluation (FACE) Report No. FACE-2022-01.

NIOSHTIC-2: [20067559](#)

NIOSH [2023]. [City sanitation refuse truck driver struck-by motorist—North Carolina](#). FACE IT: Report Slides. Morgantown, WV: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fatality Assessment and Control Evaluation (FACE) Report No. FACE-2022-01rs.

NIOSHTIC-2: [20067560](#)

NIOSH [2023]. [State trooper struck by tractor trailer while conducting a commercial vehicle traffic stop—Illinois](#). By Fowler M, Romano N. Morgantown, WV: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fatality Assessment and Control Evaluation (FACE) Report No. FACE-L2022-01.

NIOSHTIC-2: 20068574

NIOSH [2023]. [State trooper struck by tractor trailer while conducting a commercial vehicle traffic stop—Illinois](#). FACE IT: Report Slides. Morgantown, WV: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fatality Assessment and Control Evaluation (FACE) Report No. FACE-L2022-01rs.

NIOSHTIC-2: 20068575

Fire Fighter Fatality Investigation and Prevention Reports

NIOSH [2023]. [Firefighter dies after falling through a floor at a large area residential structure fire—Maryland](#). Line of Duty Death—Report Slides. Morgantown, WV: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Report No. FACE-F2018-13rs.

NIOSHTIC-2: 20066746 | NORA: Public Safety

NIOSH [2023]. [Captain died after crew was trapped during a search for a civilian in a 3rd floor apartment fire—Maine \(superseded\)](#). Line of Duty Death Report. By Loflin M. Morgantown, WV: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Report No. FACE-F2019-02.

NIOSHTIC-2: 20067562 | NORA: Public Safety

NIOSH [2023]. [Captain died after crew was trapped during a search for a civilian in a 3rd floor apartment fire—Maine](#). Line of Duty Death Report. By Loflin M. Morgantown, WV: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Report No. FACE-F2019-02 (Revised 11/2023).

NIOSHTIC-2: 20068797 | NORA: Public Safety

NIOSH [2023]. [Captain died after crew was trapped during a search for a civilian in a 3rd floor apartment fire—Maine](#). Line of Duty Death—Report Slides. Morgantown, WV: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Report No. FACE-F2019-02rs.

NIOSHTIC-2: 20067563 | NORA: Public Safety

NIOSH [2023]. [Brick gable end collapses at a residential fire killing a fire captain and seriously injuring three other firefighters—Illinois](#). Line of Duty Death Report. By Hales T, Loflin M, Lincoln J. Morgantown, WV: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Report No. FACE-F2019-03.

NIOSHTIC-2: 20068800 | NORA: Public Safety

NIOSH [2023]. [Brick gable end collapses at a residential fire killing a fire captain and seriously injuring three other firefighters—Illinois](#). Line of Duty Death—Report Slides. Morgantown, WV: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Report No. FACE-F2019-03rs.

NIOSHTIC-2: 20068801 | NORA: Public Safety

NIOSH [2023]. [51-year-old firefighter suffers a sudden cardiac event and crashes engine while responding to a residential structure fire—West Virginia](#). Line of Duty Death Report. By Hales T. Morgantown, WV: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Report No. FACE-F2020-07.

NIOSHTIC-2: 20067164 | NORA: Public Safety

NIOSH [2023]. [51-year-old firefighter suffers a sudden cardiac event and crashes engine while responding to a residential structure fire—West Virginia](#). Line of Duty Death—Report Slides. Morgantown, WV: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Report No. FACE-F2020-07rs.

NIOSHTIC-2: 20067165 | NORA: Public Safety

NIOSH [2023]. [40-year-old firefighter dies while driving a water tender to a fire—Michigan](#). Line of Duty Death Report. By Welch TJ. Cincinnati, OH: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Report No. FACE-F2021-06.

NIOSHTIC-2: 20066932 | NORA: Public Safety

NIOSH [2023]. [57-year-old engineer suffers fatal heart attack after fighting a multi-vehicle fire in a commercial parking garage—California](#). Line of Duty Death Report. By Welch TJ. Cincinnati, OH: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Report No. FACE-F2021-16.

NIOSHTIC-2: 20068402 | NORA: Public Safety

NIOSH [2023]. [26-year-old firefighter dies of complications from acute promyelocytic leukemia](#). Line of Duty Death Report. By Saunders R, Eisenberg J. Cincinnati, OH: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Report No. FACE-F2021-18.

NIOSHTIC-2: 20069055 | NORA: Public Safety

Health Hazard Evaluation Reports

NIOSH [2023]. [Evaluation of exposure to a hydrogen peroxide, peracetic acid, and acetic acid containing cleaning and disinfection product and symptoms in hospital employees](#). By Blackley BH, Virji MA, Harvey RR, Cox-Ganser J, Nett RJ. Morgantown, WV: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, NIOSH Report No. HHE-2017-0114-3357 (Revised 05/2023).

NIOSHTIC-2: 20067558

NIOSH [2023]. [Evaluation of exposures to styrene during ultraviolet cured-in-place pipe installation](#). By LeBouf RF, Burns DA. Morgantown, WV: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, NIOSH Report No. HHE-2018-0009-3334 (Revised 10/2023).

NIOSHTIC-2: 20068698

NIOSH [2023]. [Evaluation of occupational exposures and indoor environmental quality in an underground cavern workplace](#). By Brueck SE, Hammond DR, Zwack LM, Hatcher S. Cincinnati, OH: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, NIOSH Report No. HHE-2018-0181-3389.

NIOSHTIC-2: 20068482 | NORA: Services / Construction

NIOSH [2023]. [Evaluation of exposures to metals, metalworking fluids, alcohols, and volatile organic compounds at an acrobatic equipment manufacturer](#). By Burton NC, Rinsky JL. Cincinnati, OH: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, NIOSH Report No. HHE-2019-0057-3390.

NIOSHTIC-2: 20068598 | NORA: Services

NIOSH [2023]. [Evaluation of exposures to dust and noise at a pharmaceutical manufacturing facility](#). By Echt H, Brueck SE, O'Connor MC. Cincinnati, OH: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, NIOSH Report No. HHE-2021-0111-3391.

NIOSHTIC-2: 20068712 | NORA: Services

NIOSH [2023]. [Evaluation of occupational exposures to illicit drugs in forensic laboratories](#). By Li JF, Shi DS, Neu DT, Chiu S, Charles M. Cincinnati, OH: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, NIOSH Report No. HHE-2021-0115-3388.

NIOSHTIC-2: 20068274 | NORA: Construction / Services

NIOSH [2023]. [Evaluation of potential exposures to railway hazardous material inspectors](#). By Beaucham CC. Cincinnati, OH: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, NIOSH Report No. HHE-2022-0049-3387.

NIOSHTIC-2: 20068273 | NORA: Services

NIOSH [2023]. [Evaluation of symptoms among above-wing uniformed airline employees](#). By Feldmann KD, Chiu S, Broadwater K, Shi DS, O'Connor C. Cincinnati, OH: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, NIOSH Report No. HHE-2022-0061-3393.

NIOSHTIC-2: 20068863 | NORA: Services

NIOSH Datasets

NIOSH [2023]. [Interleukin-11 receptor subunit alpha-1 is required for maximal airway responsiveness to methacholine after acute exposure to ozone](#). Dataset. Morgantown, WV: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Research Dataset No. RD-1047-2022-0. **NIOSH TIC-2: 20066166** | NORA: Manufacturing

NIOSH [2023]. [Biological effects of inhaled crude oil vapor VI. Altered biogenic amine neurotransmitters and neural protein expression](#). Dataset. Morgantown, WV: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Research Dataset No. RD-1051-2022-0. **NIOSH TIC-2: 20066615** | NORA: Oil and Gas Extraction

NIOSH [2023]. [Constant vs. cyclic flow when testing face masks and respirators as source control devices for simulated respiratory aerosols](#). Dataset. By Lindsley WG, Blachere FM, Derk RC, Boots T, Duling MG, Boutin B, Beezhold DH, Noti JD. Morgantown, WV: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Research Dataset No. RD-1052-2023-0. **NIOSH TIC-2: 20066824** | NORA: Healthcare and Social Assistance

NIOSH [2023]. [β-Defensin-1 regulates influenza virus infection in human bronchial epithelial cells through the STAT3 signaling pathway](#). Dataset. Morgantown, WV: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Research Dataset No. RD-1053-2023-0. **NIOSH TIC-2: 20066862** | NORA: Healthcare and Social Assistance

NIOSH [2023]. [Exposure to the antimicrobial chemical triclosan disrupts keratinocyte function and skin integrity in a model of reconstructed human epidermis](#). Dataset. Morgantown, WV: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Research Dataset No. RD-1054-2023-0. **NIOSH TIC-2: 20066883** | NORA: Healthcare and Social Assistance / Oil and Gas Extraction

NIOSH [2023]. [Lung toxicity and gene expression changes in response to whole-body inhalation exposure to cellulose nanocrystal in rats](#). Dataset. By Joseph P, Sager T, Umbright C, Roberts J, McKinney W, Orandle M. Morgantown, WV: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Research Dataset No. RD-1055-2023-0.

NIOSH TIC-2: 20066893 | NORA: Manufacturing

NIOSH [2023]. [Biological effects of inhaled crude oil vapor. III. Pulmonary effects](#). Dataset. Morgantown, WV: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Research Dataset No. RD-1056-2023-0.

NIOSH TIC-2: 20066920 | NORA: Oil and Gas Extraction

NIOSH [2023]. [Efficacy of Do-It-Yourself air filtration units in reducing exposure to simulated respiratory aerosols](#). Dataset. By Derk RC, Coyle JP, Lindsley WG, Blachere FM, Service SK, Lemons AR, Martin SB Jr., Mead KR, Fotta S, Reynolds JS, McKinney WG, Beezhold DH, Sinsel EW, Noti JD. Morgantown, WV: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Research Dataset No. RD-1057-2023-0.

NIOSH TIC-2: 20066991 | NORA: Healthcare and Social Assistance / Construction

NIOSH [2023]. [NanoSpot™ collector for aerosol sample collection for direct microscopy and spectroscopy analysis](#). Dataset. Cincinnati, OH: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Research Dataset No. RD-1058-2023-0.

NIOSH TIC-2: 20067081 | NORA: Construction / Manufacturing

NIOSH [2023]. [Correlation between graphitic carbon and elemental carbon in diesel particulate matter in workplace atmospheres](#). Dataset. Cincinnati, OH: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Research Dataset No. RD-1059-2023-0.

NIOSH TIC-2: 20067082 | NORA: Construction / Manufacturing

NIOSH [2023]. [Exposure to the immunomodulatory chemical triclosan differentially impacts immune cell populations in the skin of haired \(BALB/c\) and hairless \(SKH1\) mice](#). Dataset. Morgantown, WV: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Research Dataset No. RD-1060-2023-0.

NIOSH TIC-2: 20067183 | NORA: Healthcare and Social Assistance / Oil and Gas Extraction

NIOSH [2023]. [Persisting *Cryptococcus* yeast species *Vishniacozyma victoriae* and *Cryptococcus neoformans* elicit unique airway inflammation in mice following repeated exposure](#). Dataset. By Rush RE, Blackwood CB, Lemons AR, Green BJ, Croston TL. Morgantown, WV: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Research Dataset No. RD-1061-2023-0. **NIOSHTIC-2: 20067191**

NIOSH [2023]. [Agreement of hip kinematics between two tracking marker configurations used with the CODA pelvis during ergonomic roofing tasks](#). Dataset. Morgantown, WV: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Research Dataset No. RD-1062-2023-0. **NIOSHTIC-2: 20067241** | NORA: Construction

NIOSH [2023]. [Influence of impurities from manufacturing process on the toxicity profile of boron nitride nanotubes](#). Dataset. Morgantown, WV: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Research Dataset No. RD-1063-2023-0. **NIOSHTIC-2: 20067308** | NORA: Manufacturing

NIOSH [2023]. [Systemic toxicity induced by topical application of perfluoroheptanoic acid \(PFHpA\), perfluorohexanoic acid \(PFHxA\), and perfluoropentanoic acid \(PFPeA\) in a murine model](#). Dataset. Morgantown, WV: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Research Dataset No. RD-1064-2023-0. **NIOSHTIC-2: 20067402** | NORA: Manufacturing / Public Safety

NIOSH [2023]. [Examination of the exposome in an animal model: the impact of high fat diet and rat strain on local and systemic immune markers following occupational welding fume exposure](#). Dataset. By Roach K, Kodali V, Shoeb M, Meighan T, Kashon M, McKinney W, Erdely A, Zeidler-Erdely P, Roberts J, Antonini J. Morgantown, WV: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Research Dataset No. RD-1065-2023-0. **NIOSHTIC-2: 20067456** | NORA: Manufacturing

NIOSH [2023]. [A projectile concussive impact model produces neuroinflammation in both mild and moderate-severe traumatic brain injury](#). Dataset. By Michalovicz LT, Kelly KA, O'Callaghan JP. Morgantown, WV: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Research Dataset No. RD-1066-2023-0. **NIOSHTIC-2: 20067478** | NORA: Transportation, Warehousing and Utilities

NIOSH [2023]. [Multi-walled carbon nanotubes induce arachidonate 5-Lipoxygenase expression and enhance the polarization and function of M1 macrophages in vitro](#). Dataset. By Lim CS, Veltri B, Kashon M, Porter DW, Ma Q. Morgantown, WV: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Research Dataset No. RD-1067-2023-0.

NIOSH TIC-2: 20067535 | NORA: Construction

NIOSH [2023]. [Inhalation of polycarbonate emissions generated during 3D printing processes affects neuroendocrine function in male rats](#). Dataset. Morgantown, WV: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Research Dataset No. RD-1069-2023-0.

NIOSH TIC-2: 20067869 | NORA: Manufacturing

NIOSH [2023]. [Fit evaluation of NIOSH Approved N95 filtering facepiece respirators with various skin protectants: a pilot study](#). Dataset. By Bergman MS, Grinshpun SA, Yermakov MV, Zhuang Z, Vollmer BE, Yoon KN. Pittsburgh, PA: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Research Dataset No. RD-1070-2023-0.

NIOSH TIC-2: 20067973 | NORA: Healthcare and Social Assistance

NIOSH [2023]. [DPM OC, EC and FT-IR data \(quantifying elemental and organic carbon in diesel particulate matter by mid infrared spectrometry\)](#). Dataset. Spokane, WA: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Research Dataset No. RD-1071-2023-0.

NIOSH TIC-2: 20068031 | NORA: Construction / Mining

NIOSH [2023]. [Health conditions among male workers in mining and other industries reliant on manual labor occupations: National Health Interview Survey, 2007–2018](#). Dataset. Spokane, WA: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Research Dataset No. RD-1072-2023-0.

NIOSH TIC-2: 20068227 | NORA: Mining

NIOSH [2023]. [Filtering facepiece respirators with an exhalation valve: measurements of filtration efficiency to evaluate their potential for source control](#). Dataset. By Portnoff L, Schall JE, Brannen JJ, Suhon NL, Strickland KT, Meyers JW. Pittsburgh, PA: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Research Dataset No. RD-1073-2023-0.

NIOSH TIC-2: 20068477

NIOSH [2023]. [Characterization of a multi-stage focusing nozzle for collection of spot samples for aerosol chemical analysis](#). Dataset. Cincinnati, OH: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Research Dataset No. RD-1074-2023-0.

NIOSH TIC-2: 20068508 | NORA: Construction / Manufacturing

NIOSH [2023]. Inconsequential role for chemerin-like receptor 1 in the manifestation of ozone-induced lung pathophysiology in mice. Dataset. Morgantown, WV: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Research Dataset No. RD-1075-2023-0.

NIOSH TIC-2: 20068758 | NORA: Manufacturing

NIOSH [2023]. [Developing a solution for nasal and olfactory transport of nanomaterials](#). Dataset. By O'Connell RC, Dodd TM, Clingerman SM, Fluharty KL, Coyle J, Stueckle TA, Porter DW, Bowers L, Stefaniak AB, Knepp AK, Derk R, Wolfarth M, Mercer RR, Boots TE, Sriram K, Hubbs AF. Morgantown, WV: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Research Dataset No. RD-1076-2023-0.

NIOSH TIC-2: 20068848 | NORA: Manufacturing

NIOSH [2023]. [4,4'-Methylene diphenyl diisocyanate exposure induces expression of alternatively activated macrophage-associated markers and chemokines partially through Krüppel-like factor 4 mediated signaling in macrophages](#). Dataset. Morgantown, WV: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Research Dataset No. RD-1077-2023-0.

NIOSH TIC-2: 20068853 | NORA: Manufacturing

NIOSH [2023]. Optimization of *Aspergillus versicolor* culture and aerosolization in a murine model of inhalational fungal exposure. Dataset. By Blackwood CB, Croston TL, Barnes MA, Lemons AR, Rush RE, Goldsmith WT, McKinney W, Anderson SE, Weaver KL, Sulyok M, Park J-H, Germolec DR, Beezhold DH, Green BJ. Morgantown, WV: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Research Dataset No. RD-1078-2023-0.

NIOSH TIC-2: 20068892

This page intentionally left blank.

Author Index

NOTE: NIOSHTIC-2 numbers are linked to the corresponding page in the NIOSHTIC-2 Bibliographic Database. Clicking on page numbers will cause the page to jump to the corresponding reference.

- Abdelraheem W**
20067904, Page 12
- Abraham JL**
20066406, Page 27
20067759, Page 8
- Abrahamsen R**
20067256, Page 28
- Acosta L**
20068596, Page 6
- Adam GP**
20069058, Page 15
- Adams J**
20067360, Page 20
- Adams KT**
20066617, Page 4
- Addis J**
20067853, Page 42
- Afadiyanti Parfi A**
20068731, Page 23
- Afanuh SE**
20066889, Page 35
20067105, Page 36
20068562, Page 38
- Afghan A**
20069132, Page 20
- Afshari A**
20067229, Page 47
20067233, Page 49
- Afshari AA**
20069056, Page 2
- Ahmad A**
20066743, Page 6
- Ahmed C**
20067236, Page 49
- Ahn C**
20068554, Page 1
- Aiello AE**
20068950, Page 10
- Ailes EC**
20068027, Page 24
- Ajayi KM**
20067030, Page 1
20067857, Page 41
- Akinyemiju TF**
20068601, Page 25
- Akkas O**
20066292, Page 19
- Alarcón J**
20067360, Page 20
- Albers J**
20066004, Page 15
- Aljaroudi AM**
20066294, Page 1
- Allen KA**
20068638, Page 18
- Allison P**
20066744, Page 9
- Ally Training Committee**
20066790, Page 24
- Almberg KS**
20066406, Page 27
20066805, Page 1
20067759, Page 8
- Almli LM**
20066404, Page 22
- Alvarez C**
20068887, Page 23
- Amedro J**
20066392, Page 16
- Amin W**
20067192, Page 8
- Amman BR**
20066743, Page 6
- Amorosa JK**
20067149, Page 8
- Amoscato AA**
20067711, Page 1
- Andel R**
20068049, Page 1
- Anderson K**
20066661, Page 4
20068668, Page 47
- Anderson KA**
20066617, Page 4
- Anderson KR**
20068891, Page 15
- Anderson N**
20068821, Page 2
- Anderson RN**
20067360, Page 20
- Anderson S**
20068820, Page 3
- Anderson SE**
20066455, Page 25
20066671, Page 2
20067216, Page 51
20068892, Page 65
- Anderson SM**
20066662, Page 15
- Andrew ME**
20066744, Page 9
- Andrews R**
20067229, Page 47
20069056, Page 2
- Anenberg S**
20068887, Page 23
- Angelilli S**
20067566, Page 10
20068549, Page 11
- Angelon-Gaetz K**
20066662, Page 15
- Anger WK**
20066680, Page 18
- Anthonymuthu T**
20067711, Page 1
- Antonini J**
20067211, Page 50
20067456, Page 63
- Antonini JM**
20067000, Page 20
20067212, Page 51
20067221, Page 50
20067227, Page 50
20067229, Page 47
- 20067232, Page 50
20069056, Page 2
- Apostoei I**
20066001, Page 27
- Argueta G**
20067568, Page 9
- Ari A**
20068802, Page 3
- Arjomandi M**
20067149, Page 8
- Armenti K**
20066840, Page 2
20067568, Page 9
- Armstrong J**
20067951, Page 4
- Arnold ED**
20067342, Page 19
- Asfaw A**
20067331, Page 2
20068026, Page 21
20068822, Page 2
- Ashbrook DG**
20067911, Page 17
- Assunção R**
20069132, Page 20
- Attwood WR**
20068460, Page 38
20068532, Page 38
20068565, Page 24
- Austin C**
20066662, Page 15
- Avalos MH**
20067360, Page 20
- Azman AS**
20068615, Page 19
- Açikgöz Y**
20067317, Page 8
- Bachaus B**
20066662, Page 15
- Bahar I**
20067711, Page 1

- Bahrani D**
20068041, Page 26
- Bailer AJ**
20068681, Page 15
- Baird N**
20068182, Page 13
- Baker BA**
20067709, Page 2
- Baker D**
20068000, Page 16
- Banerjee RK**
20067086, Page 19
- Bao S**
20066292, Page 19
- Bard D**
20066809, Page 21
20067570, Page 50
- Barger M**
20067863, Page 21
- Barham M**
20067856, Page 41
20069072, Page 2
- Barile JP**
20066998, Page 9
- Barjaktarevic IZ**
20068802, Page 3
- Barker RM**
20068662, Page 18
- Barnes MA**
20068820, Page 3
20068892, Page 65
- Barone TL**
20067404, Page 14
- Barrett C**
20066662, Page 15
- Barrios LC**
20067309, Page 16
- Barroso KA**
20067904, Page 12
- Barton Behravesh C**
20066743, Page 6
- Batchler T**
20066518, Page 22
20067858, Page 44
- Battelli L**
20067223, Page 47
- Battelli LA**
20067230, Page 49
- Bauerle T**
20067024, Page 35
20067170, Page 36
20067856, Page 41
20069072, Page 2
- Baur R**
20066455, Page 25
20066671, Page 2
20067216, Page 51
- Bautista GJ**
20066790, Page 24
- Baxter-King R**
20066521, Page 9
- Bayir H**
20067711, Page 1
- Beale J**
20068232, Page 24
20068945, Page 43
- Beane Freeman LE**
20067348, Page 6
- Beatty Parker CN**
20068950, Page 10
- Beaucage G**
20066783, Page 18
20066960, Page 24
- Beaucham CC**
20068273, Page 60
- Beaudry AG**
20067709, Page 2
- Beaudry MF**
20067709, Page 2
- Becich MJ**
20067192, Page 8
- Beck T**
20067222, Page 48
- Beck TW**
20067850, Page 46
20067868, Page 43
- Beezhold DH**
20066696, Page 6
20066824, Page 61
20066924, Page 15
20066991, Page 62
20067236, Page 49
20068820, Page 3
20068892, Page 65
- Begay JG**
20064411, Page 27
- Beitel S**
20067215, Page 51
- Beitel SC**
20065667, Page 4
- Beland FA**
20069132, Page 20
- Bell JL**
20068030, Page 22
- Bellanca JL**
20067688, Page 37
20067782, Page 2
20067867, Page 41
20067903, Page 37
20068817, Page 41
- Ben Jeddi H**
20066809, Page 21
- Benbrahim-Tallaa L**
20069132, Page 20
- Benishek LE**
20066807, Page 3
20067029, Page 3
- Bennett J**
20068603, Page 44
20069061, Page 16
- Bennett JS**
20066408, Page 3
- Benoit TJ**
20066508, Page 22
- Bergman MS**
20067403, Page 23
20067797, Page 3
20067973, Page 64
20068407, Page 17
- Bergman SM**
20067317, Page 8
- Berry KA**
20067398, Page 36
- Bertke S**
20066001, Page 27
20067878, Page 16
20068245, Page 20
20068594, Page 12
20068663, Page 48
20068665, Page 48
20068667, Page 48
- Bertke SJ**
20067567, Page 12
20067708, Page 12
- Bessesen MT**
20066999, Page 17
- Betler E**
20067212, Page 51
- Bhandari D**
20067912, Page 16
- Bhandari R**
20067085, Page 15
- Bharadwaj A**
20067904, Page 12
- Bhattacharya A**
20066294, Page 1
20067455, Page 21
- Billig BK**
20066659, Page 7
- Billock R**
20067568, Page 9
- Biney I**
20068802, Page 3
- Birch ME**
20066895, Page 27
- Bissonette R**
20067852, Page 42
20068652, Page 41
- Bissonette RH**
20068650, Page 42
- Bjorkland R**
20068606, Page 5
- Blachere FM**
20066696, Page 6
20066824, Page 61
20066924, Page 15
20066991, Page 62
- Black CL**
20067088, Page 6
- Black S**
20067360, Page 20
- Blackley BH**
20067029, Page 3
20067558, Page 59
20067638, Page 3
- Blackley D**
20067192, Page 8
- Blackley DJ**
20066442, Page 7
20066806, Page 13
20067465, Page 10
20068088, Page 13
20068702, Page 10
20068791, Page 8
20069194, Page 29
- Blackwood C**
20067236, Page 49
- Blackwood CB**
20067045, Page 21
20067191, Page 63
20068820, Page 3
20068892, Page 65
- Blanc PD**
20067149, Page 8
- Block ML**
20067236, Page 49
- Bloodsworth KJ**
20068638, Page 18
- Blount BC**
20067912, Page 16
- Blythe D**
20067360, Page 20
20068182, Page 13
- Bobbala S**
20067710, Page 10
- Boffetta P**
20067210, Page 22
- Boggess B**
20066882, Page 3
- Bohane C**
20068462, Page 11
- Boice JD Jr**
20066001, Page 27
- Boltz S**
20068947, Page 42
- Bonauto D**
20068821, Page 2
- Bonner EM**
20066617, Page 4
- Bonney T**
20067315, Page 4
- Boots T**
20066824, Page 61
20066924, Page 15
20068701, Page 13
- Boots TE**
20067577, Page 50
20068848, Page 65
- Botelho JC**
20065667, Page 4
- Bourgeois J**
20067849, Page 42
20067951, Page 4
- Bousquet J**
20068731, Page 23
- Boutin B**
20066824, Page 61
20066924, Page 15
- Bovbjerg V**
20067193, Page 7
20067910, Page 13
20068281, Page 13
- Bower W**
20067360, Page 20
- Bowers L**
20068848, Page 65
- Bowers LN**
20067342, Page 19
- Boyce GR**
20067232, Page 50
- Boyce RM**
20068950, Page 10
- Boyes WK**
20068606, Page 5
- Bradley JP**
20067709, Page 2
- Bradtmiller B**
20062861, Page 11

- Braegger TJ**
20068790, Page 25
- Bramer LM**
20068638, Page 18
- Brannen JJ**
20068477, Page 64
- Breitenstein M**
20066895, Page 27
- Breloff SP**
20065348, Page 25
20066120, Page 18
20066921, Page 17
20068037, Page 7
- Briton J**
20067857, Page 41
- Brnich MJ Jr**
20067686, Page 37
20067688, Page 37
20067902, Page 37
20067903, Page 37
- Broadwater K**
20068863, Page 60
- Brown C**
20067865, Page 44
- Brown MM**
20067449, Page 5
- Brown S**
20068243, Page 18
- Brueck SE**
20068141, Page 4
20068243, Page 18
20068482, Page 59
20068616, Page 5
20068712, Page 59
- Buck M**
20068610, Page 49
- Bugarski AD**
20066604, Page 10
- Bunkley P**
20066743, Page 6
- Burgess J**
20067215, Page 51
- Burgess JL**
20065667, Page 4
- Burnett C**
20066743, Page 6
- Burnett G**
20068597, Page 38
20068658, Page 39
- Burnham B**
20067400, Page 9
- Burnham BR**
20068767, Page 23
- Burns DA**
20068698, Page 59
- Burnum-Johnson KE**
20068638, Page 18
- Burrer SL**
20067568, Page 9
- Burt S**
20062991, Page 17
- Burton N**
20066923, Page 6
- Burton NC**
20068598, Page 59
- Burton SV**
20067192, Page 8
- Bushnell PT**
20068140, Page 16
20068594, Page 12
- Byrd K**
20067360, Page 20
- Byrkit R**
20066379, Page 24
- Caban-Martinez AJ**
20065667, Page 4
- Cable A**
20066604, Page 10
- Caderni G**
20069132, Page 20
- Caeser Cuyler A**
20067360, Page 20
- Calafat AM**
20065667, Page 4
20067912, Page 16
- Calkins M**
20067209, Page 47
20067215, Page 51
- Calkins MM**
20065667, Page 4
20067257, Page 6
- Call TP**
20067915, Page 22
- Callaway P**
20068668, Page 47
- Callery PS**
20067710, Page 10
- Calvert G**
20067313, Page 24
- Calvert GM**
20066661, Page 4
20066938, Page 4
20066939, Page 14
20067147, Page 14
20067148, Page 4
20068891, Page 15
- Cambridge L**
20068802, Page 3
- Campanelli H**
20066960, Page 24
- Campen MJ**
20064411, Page 27
- Cannon M**
20067210, Page 22
- Cantor S**
20066662, Page 15
- Cao S**
20067549, Page 26
- Carey I**
20066894, Page 4
- Carey RE**
20065348, Page 25
20066120, Page 18
20066921, Page 17
- Carlin B**
20068802, Page 3
- Carlson K**
20068263, Page 21
20068597, Page 38
20068658, Page 39
- Carpenter A**
20066743, Page 6
- Carr J**
20067851, Page 45
20067854, Page 45
- Carson LM**
20067449, Page 5
- Carter J**
20068606, Page 5
- Caruso CC**
20068746, Page 31
- Case S**
20066808, Page 7
20067193, Page 7
20067910, Page 13
- Case SL**
20066874, Page 25
- Casey M**
20066966, Page 12
20067059, Page 34
20067120, Page 10
20067546, Page 37
- Casey ML**
20068088, Page 13
- Castillo DN**
20067953, Page 5
- Castranova V**
20068043, Page 29
20068640, Page 13
- Cauda E**
20066809, Page 21
20067570, Page 50
20069194, Page 29
- Cauley J**
20067059, Page 34
- Chalikonda S**
20067566, Page 10
20068549, Page 11
- Chambers D**
20068139, Page 5
20068947, Page 42
- Chang C-C**
20068644, Page 29
- Chapman P**
20068653, Page 43
20068701, Page 13
- Charles LE**
20066744, Page 9
- Charles M**
20068274, Page 60
- Chasko LL**
20068817, Page 41
- Chatterjee P**
20066743, Page 6
- Chauby M**
20066783, Page 18
- Chaudhary I**
20066662, Page 15
- Chaurasia A**
20066518, Page 22
- Check P**
20067101, Page 34
20067102, Page 34
20067103, Page 34
20067104, Page 34
20067106, Page 34
20067107, Page 34
- Chen H**
20065261, Page 5
20067664, Page 5
20068549, Page 11
- Chen I-C**
20066936, Page 25
20067912, Page 16
20068027, Page 24
- Chen T-H**
20068182, Page 13
- Chen Y**
20067618, Page 26
- Cheng MH**
20067675, Page 14
20069118, Page 5
- Chetlin RD**
20067709, Page 2
- Chin B**
20066368, Page 5
- Chittiboyina S**
20067226, Page 47
20069132, Page 20
- Chittum G**
20067236, Page 49
- Chiu S**
20068274, Page 60
20068863, Page 60
- Chiu SK**
20068616, Page 5
20068764, Page 22
- Chosewood LC**
20067250, Page 19
20068662, Page 18
- Christensen B**
20066923, Page 6
- Christensen BT**
20067257, Page 6
- Christiani DC**
20068802, Page 3
- Christianson AL**
20062991, Page 17
- Chun H**
20067455, Page 21
- Ciccone EJ**
20068950, Page 10
- Cichowicz J**
20067059, Page 34
- Cima M**
20067360, Page 20
- Cimineri L**
20068891, Page 15
- Claborne D**
20068638, Page 18
- Clark KA**
20068638, Page 18
- Clement M**
20068887, Page 23
- Clingerman S**
20067759, Page 8
- Clingerman SM**
20068848, Page 65
- Coburn JF**
20067915, Page 22
- Cochran J**
20066661, Page 4
20067148, Page 4

- Cochran L**
20068802, Page 3
- Cochran SJ**
20068596, Page 6
- Coenen P**
20068462, Page 11
- Cohen J**
20068817, Page 41
- Cohen RA**
20066406, Page 27
20066805, Page 1
20067759, Page 8
- Cohen SS**
20066001, Page 27
- Cole G**
20067857, Page 41
- Coleman AD**
20065667, Page 4
- Collins J**
20067795, Page 8
- Collins JW**
20068767, Page 23
- Collins M**
20067360, Page 20
- Cone JE**
20066661, Page 4
- Connor B**
20067024, Page 35
20067170, Page 36
20068116, Page 38
- Cool C**
20066406, Page 27
- Cool CD**
20067759, Page 8
- Coop B**
20067059, Page 34
- Corton JC**
20069132, Page 20
- Cossaboom CM**
20066743, Page 6
- Couch J**
20067397, Page 36
20068597, Page 38
20068658, Page 39
- Cox J**
20066923, Page 6
- Cox-Ganser J**
20067558, Page 59
- Cox-Ganser JM**
20067638, Page 3
20067655, Page 11
- Coyle J**
20067710, Page 10
20068848, Page 65
- Coyle JP**
20066696, Page 6
20066991, Page 62
20067676, Page 6
- Craddock TJA**
20067479, Page 17
- Crawford H-L**
20067568, Page 9
- Crombie K**
20062991, Page 17
- Crosby A**
20065765, Page 17
- Croston TL**
20067045, Page 21
20067191, Page 63
20067236, Page 49
20068820, Page 3
20068892, Page 65
- Crowe M**
20068049, Page 1
- Crucian B**
20068640, Page 13
- Crum D**
20068182, Page 13
- Cummings DAT**
20066999, Page 17
- Cummings KJ**
20068659, Page 24
20068791, Page 8
- Cumpston JB**
20067229, Page 47
20069056, Page 2
- Cumpston JL**
20066570, Page 19
20067229, Page 47
20069056, Page 2
- Cunningham TR**
20066680, Page 18
20068000, Page 16
20068662, Page 18
- Cuomo D**
20069132, Page 20
- Cushman M**
20068601, Page 25
- D'Armiento JM**
20067149, Page 8
- da Silva W**
20067904, Page 12
- Dai F**
20068037, Page 7
- Dailey PA**
20068802, Page 3
- Dalsey E**
20066525, Page 25
20067083, Page 35
20068218, Page 35
- Dang G**
20067568, Page 9
- Dangar D**
20066662, Page 15
- Daniels RD**
20067210, Page 22
20067348, Page 6
20067708, Page 12
20068245, Page 20
20068663, Page 48
20068665, Page 48
- Dannemiller KC**
20067045, Page 21
20068596, Page 6
- Dauer LT**
20066001, Page 27
- Davidson WB**
20068182, Page 13
- Davis K**
20067360, Page 20
- de Aragão Umbuzeiro G**
20069132, Page 20
- de Conti A**
20069132, Page 20
- de Jong D**
20069132, Page 20
- de Lacerda ABM**
20068263, Page 21
- de Perio MA**
20066662, Page 15
20067088, Page 6
20068182, Page 13
20068562, Page 38
- DeBono NL**
20067348, Page 6
20069132, Page 20
- Debras C**
20069132, Page 20
- Deffner V**
20066001, Page 27
20067567, Page 12
- DeGennaro CR**
20066672, Page 26
- Delaney NB**
20068767, Page 23
- Dembski-Hart P**
20067546, Page 37
- Demers PA**
20066001, Page 27
20067348, Page 6
20067567, Page 12
20068667, Page 48
- Demich B**
20067782, Page 2
20067867, Page 41
20068817, Page 41
- Denny L**
20067360, Page 20
- Derk R**
20067676, Page 6
20068848, Page 65
- Derk RC**
20066696, Page 6
20066824, Page 61
20066924, Page 15
20066991, Page 62
- Deschasaux-Tanguy M**
20069132, Page 20
- Desrosiers TA**
20068027, Page 24
- Dhand R**
20068802, Page 3
- Diederichs M**
20066518, Page 22
- Dietrich W**
20066408, Page 3
- Dimkpa C**
20067904, Page 12
- Dionysiou DD**
20066919, Page 27
20068154, Page 27
- Dishman H**
20066662, Page 15
- Divjan A**
20068596, Page 6
- Dixon L**
20066662, Page 15
- Do M**
20066001, Page 27
- Dodd K**
20067453, Page 49
- Dodd KE**
20065497, Page 23
20066442, Page 7
- Dodd TM**
20068848, Page 65
- Dominguez EG**
20069118, Page 5
- Doney BC**
20067655, Page 11
- Dong C**
20067998, Page 26
20068201, Page 26
- Dong R**
20068701, Page 13
- Dong RG**
20067861, Page 7
20068653, Page 43
20068657, Page 42
20068720, Page 26
- Donovan C**
20066680, Page 18
- Dougherty H**
20068641, Page 7
- Doza S**
20067193, Page 7
20067910, Page 13
- Dozier AK**
20068313, Page 9
- Driscoll K**
20068640, Page 13
- Driscoll T**
20067348, Page 6
- Drobeniuc J**
20066743, Page 6
- Drummond MB**
20068802, Page 3
- Dubaniewicz TH**
20067865, Page 44
- DuBose W**
20067170, Page 36
- Ducatman B**
20067998, Page 26
- Dugdale ZJ**
20067087, Page 7
- Duling MG**
20066824, Page 61
20066924, Page 15
- Dunbar G**
20067236, Page 49
- Dunn KH**
20066923, Page 6
20068749, Page 39
- Dunn KL**
20068749, Page 39
- Dupont H**
20068891, Page 15
- Dutta A**
20068037, Page 7
- Duwell M**
20066662, Page 15
20068182, Page 13
- Dávila Chávez H**
20066873, Page 21
- Earnest GS**
20068030, Page 22

- Echt H**
20068616, Page 5
20068712, Page 59
- Eckerman KF**
20066001, Page 27
- Edirisooriya M**
20068499, Page 7
20068950, Page 10
- Edmondson M**
20067226, Page 47
- Edwards A**
20067709, Page 2
- Edwards N**
20067455, Page 21
- Edwards NT**
20067084, Page 8
- Eichwald J**
20067249, Page 7
- Eisenberg J**
20068141, Page 4
20069055, Page 58
- Eiter B**
20067856, Page 41
20069072, Page 2
- Eiter BM**
20067087, Page 7
- El Ghissassi F**
20069132, Page 20
- Elkins KL**
20067449, Page 5
- Ellington S**
20067360, Page 20
- Elliott KC**
20067455, Page 21
20067769, Page 14
20068371, Page 21
- Ellis ED**
20066001, Page 27
- Ellis EM**
20066662, Page 15
- Elmer WH**
20067904, Page 12
- Emery T**
20067849, Page 42
- Engler-Chiurazzi EB**
20066659, Page 7
- English A**
20067360, Page 20
- Epstein-Corbin M**
20068791, Page 8
- Erdely A**
20064411, Page 27
20066392, Page 16
20067000, Page 20
20067211, Page 50
20067212, Page 51
20067229, Page 47
20067233, Page 49
20067456, Page 63
20067573, Page 47
20069056, Page 2
- Erickson R**
20066743, Page 6
- Erukunuakpor K**
20067568, Page 9
- Esterhuizen G**
20066797, Page 51
- Esterhuizen GS**
20067864, Page 42
- Estill C**
20066923, Page 6
- Evoy R**
20066808, Page 7
- Ewing GL**
20068767, Page 23
- Eye T**
20067233, Page 49
- Ezerins ME**
20067317, Page 8
- Falcon RG**
20068767, Page 23
- Falvo MJ**
20067149, Page 8
- Farah W**
20068790, Page 25
- Farcas M**
20067676, Page 6
20067860, Page 13
- Farcas MT**
20067223, Page 47
- Feagan G**
20066397, Page 13
20067855, Page 45
- Fechter-Leggett ED**
20066790, Page 24
20068659, Page 24
- Fedan JS**
20067221, Page 50
20067863, Page 21
- Feldmann KD**
20068863, Page 60
- Feldpausch A**
20067360, Page 20
- Feldstein LR**
20066508, Page 22
- Felknor SA**
20067084, Page 8
- Fell AKM**
20067256, Page 28
- Felton CC**
20066659, Page 7
- Fendinger SL**
20067405, Page 11
- Feng HA**
20067086, Page 19
20067940, Page 9
- Feng J**
20068201, Page 26
- Fenske N**
20066001, Page 27
20067567, Page 12
- Fent K**
20067208, Page 47
20068243, Page 18
- Fent KW**
20066617, Page 4
20066936, Page 25
20067912, Page 16
20068098, Page 11
- Feola DJ**
20068313, Page 9
- Fernandez E**
20067342, Page 19
- Fernando R**
20067566, Page 10
20068549, Page 11
- Fernando RD**
20066672, Page 26
- Fickenscher M**
20066960, Page 24
- Filho AM**
20067348, Page 6
- Filko A**
20067101, Page 34
20067102, Page 34
20067103, Page 34
20067104, Page 34
20067106, Page 34
20067107, Page 34
- Finn L**
20067360, Page 20
- Finnegan M**
20066923, Page 6
- Fischer M**
20067360, Page 20
- Fisher E**
20067999, Page 8
- Fisher EM**
20068407, Page 17
- Fisher JM**
20065667, Page 4
- Fitzsimmons KM**
20068790, Page 25
- Flattery J**
20068791, Page 8
- Flinchum A**
20065538, Page 9
- Flint M**
20066743, Page 6
- Flor DÁ**
20067760, Page 17
- Flores RR**
20067915, Page 22
- Fluharty KL**
20068848, Page 65
- Flynn MA**
20065765, Page 17
20066873, Page 21
20067101, Page 34
20067102, Page 34
20067103, Page 34
20067104, Page 34
20067106, Page 34
20067107, Page 34
20067455, Page 21
20067915, Page 22
20067999, Page 8
20068371, Page 21
- Foley R**
20067083, Page 35
20068218, Page 35
- Fontvieille E**
20069132, Page 20
- Foreman AM**
20067317, Page 8
20067451, Page 10
- Forester CD**
20067748, Page 8
- Foss NE**
20066882, Page 3
- Fotta S**
20066991, Page 62
- Fotta SA**
20066696, Page 6
- Fowler M**
20068574, Page 56
- Fowler ML**
20067559, Page 55
- Fox K**
20067613, Page 22
- Francis R**
20067546, Page 37
- Frank EA**
20067220, Page 48
- Franklin C**
20067083, Page 35
20068218, Page 35
- Franklin GM**
20066368, Page 5
- Franko A**
20066406, Page 27
- Franko AD**
20067759, Page 8
- Franks TJ**
20067149, Page 8
- Fraser K**
20067233, Page 49
20067235, Page 48
- Fraser KE**
20067232, Page 50
- Free H**
20067568, Page 9
- Free HL**
20066998, Page 9
20068616, Page 5
- Friedel JE**
20067317, Page 8
20067451, Page 10
- Friedman LS**
20066805, Page 1
- Friend S**
20067229, Page 47
20067234, Page 49
20069056, Page 2
- Friend SA**
20067223, Page 47
20067230, Page 49
- Fritz J**
20067857, Page 41
- Fuente A**
20068263, Page 21
- Fujishiro K**
20068370, Page 11
- Fulton-Kehoe D**
20066368, Page 5
- Furek A**
20067120, Page 10
- Gaetz K**
20067568, Page 9
- Gain D**
20066397, Page 13
- Galanko J**
20067854, Page 45
- Galloway JA**
20066960, Page 24

Galvin JR 20067149, Page 8	Gomez Ponce T 20067236, Page 49	Guerin R 20067455, Page 21	Hammond D 20068749, Page 39
Gangrade V 20067853, Page 42 20067857, Page 41	Gong W 20067940, Page 9 20068263, Page 21	Guerin RJ 20066521, Page 9 20066998, Page 9 20068000, Page 16	Hammond DR 20067086, Page 19 20068482, Page 59
Gao Y 20067192, Page 8 20068638, Page 18	Gorce J-P 20066809, Page 21 20067570, Page 50	Gulotta JJ 20065667, Page 4	Hanley A 20067360, Page 20
Gardner D 20068640, Page 13	Gorse GJ 20066999, Page 17	Gundlapalli AV 20067360, Page 20	Hansen J 20067348, Page 6
Garshick E 20067149, Page 8	Graber JM 20065667, Page 4 20067348, Page 6	Guner D 20066347, Page 9	Hanson DR 20067848, Page 43
Garza EP 20068030, Page 22	Graham UM 20068313, Page 9	Guo NL 20067549, Page 26 20067998, Page 26 20068201, Page 26	Harduar-Morano L 20067568, Page 9
Gascon GM 20068462, Page 11	Grammens J 20066783, Page 18	Guppi S 20067234, Page 49	Harewood R 20069132, Page 20
Gaydos CA 20066999, Page 17	Grant CC 20065667, Page 4	Gwilliam M 20067400, Page 9 20068767, Page 23	Harkema JR 20066392, Page 16
Geiger-Brown J 20068746, Page 31	Grant MP 20067315, Page 4	Haas E 20068549, Page 11	Harris ML 20067857, Page 41
Geraci C 20068606, Page 5	Green B 20068820, Page 3	Haas EJ 20067120, Page 10 20067566, Page 10 20068499, Page 7 20068767, Page 23 20068950, Page 10	Harris-Adamson C 20066292, Page 19
Germolec D 20068820, Page 3	Green BJ 20067045, Page 21 20067191, Page 63 20067236, Page 49 20068596, Page 6 20068892, Page 65	Habibi A 20066604, Page 10	Harrison DJ 20066661, Page 4
Germolec DR 20068892, Page 65	Green FHY 20066406, Page 27 20067759, Page 8	Hackley VA 20068606, Page 5	Harrison RJ 20068791, Page 8
Ghia U 20067664, Page 5	Greenawald L 20068460, Page 38 20068532, Page 38	Hagan-Haynes K 20068614, Page 14 20067083, Page 35 20067194, Page 28 20067250, Page 19 20067724, Page 25 20068218, Page 35 20068328, Page 26 20068605, Page 19	Hart A 20068790, Page 25
Ghosh S 20068554, Page 1	Greenawald LA 20067116, Page 36	Haldeman S 20066526, Page 26	Hartley T 20067398, Page 36
Gibert CL 20066999, Page 17	Greiner B 20068462, Page 11	Hales T 20067164, Page 58 20068800, Page 57	Harvey RR 20066743, Page 6 20067558, Page 59 20067638, Page 3
Gigante CM 20068182, Page 13	Grimes GR 20068597, Page 38 20068658, Page 39 20068764, Page 22	Hall CB 20067210, Page 22	Hatcher S 20067083, Page 35 20068218, Page 35 20068482, Page 59
Gill R 20067233, Page 49	Grinshpun SA 20067797, Page 3 20067973, Page 64	Hall DM 20068371, Page 21	Haugen PT 20066661, Page 4
Gillies M 20068245, Page 20 20068665, Page 48	Gritsenko MA 20068638, Page 18	Hall JE 20065765, Page 17	Hawke AL 20065348, Page 25 20066120, Page 18 20066921, Page 17
Glass DC 20067348, Page 6	Groenewold MR 20065538, Page 9 20066508, Page 22 20066662, Page 15 20066998, Page 9 20067568, Page 9	Hall NB 20066805, Page 1 20067465, Page 10 20068702, Page 10 20069194, Page 29	Hayashi Y 20067451, Page 10
Glassford E 20068749, Page 39	Grosch JW 20068594, Page 12	Hallin C 20067061, Page 32 20067065, Page 31	Hayden M 20066004, Page 15
Go LHT 20066406, Page 27 20066805, Page 1 20067759, Page 8	Grose L 20067212, Page 51	Hallin CN 20066805, Page 1 20067087, Page 7 20069194, Page 29	Haynes DE 20067709, Page 2
Godino C 20066743, Page 6	Groth CP 20067085, Page 15	Hammer M 20067860, Page 13	Haynes JM 20066508, Page 22
Golab GC 20066807, Page 3	Gu H 20064411, Page 27	Hammock J 20066659, Page 7	Heenatigala Palliyage G 20067710, Page 10
Gold JAW 20067360, Page 20	Gu JK 20066744, Page 9 20067316, Page 16		Heinzerling A 20066662, Page 15
Golden A 20066001, Page 27	Guagliardo SAJ 20067360, Page 20		Helfrich W 20068817, Page 41
Goldfarb DG 20067210, Page 22			Hendricks K 20066894, Page 4
Goldsmith T 20066392, Page 16 20068820, Page 3			Hendricks KJ 20066966, Page 12
Goldsmith WT 20068892, Page 65			Hendricks S 20067400, Page 9
Gomes H 20067400, Page 9 20067795, Page 8			

- Hendricks SA**
20066379, Page 24
20067085, Page 15
- Henneberger PK**
20067256, Page 28
20067655, Page 11
20068731, Page 23
- Herbert G**
20064411, Page 27
- Hertz-Picciotto I**
20067316, Page 16
- Herzogh O**
20066743, Page 6
- Hessels A**
20067546, Page 37
- Hettick JM**
20067232, Page 50
20068890, Page 14
- Hill R**
20067083, Page 35
20068218, Page 35
20068328, Page 26
20068371, Page 21
- Hill RD**
20067194, Page 28
- Hils J**
20067405, Page 11
- Hilton T**
20067546, Page 37
- Hines S**
20067566, Page 10
- Hines SE**
20067149, Page 8
20068549, Page 11
- Hirata Okamoto R**
20066873, Page 21
- Hirst D**
20067397, Page 36
- Hittle BM**
20067405, Page 11
- Hochmuth J**
20069033, Page 11
- Hodge A**
20069132, Page 20
- Hodson L**
20067397, Page 36
20067455, Page 21
20068749, Page 39
- Hoebbel C**
20068817, Page 41
- Hoebbel CL**
20067686, Page 37
20067688, Page 37
20067782, Page 2
20067867, Page 41
20067902, Page 37
20067903, Page 37
- Hoffman FO**
20066001, Page 27
- Holland G**
20067709, Page 2
- Hollerbach BS**
20066404, Page 22
- Holliday D**
20066521, Page 9
- Hollis N**
20067613, Page 22
- Holt D**
20067360, Page 20
- Horan K**
20068637, Page 22
- Horn GP**
20066617, Page 4
20066936, Page 25
20067912, Page 16
20068098, Page 11
- Hornbeck A**
20067566, Page 10
- Horter L**
20066379, Page 24
20066662, Page 15
- Hosni M**
20066408, Page 3
20068603, Page 44
20069061, Page 16
- Howard J**
20067084, Page 8
20068606, Page 5
- Howard SC**
20066001, Page 27
- Howard VJ**
20068049, Page 1
20068601, Page 25
- Hrica JK**
20067782, Page 2
20067867, Page 41
- Hsiao H**
20062861, Page 11
20066523, Page 11
20067929, Page 11
- Hu YH**
20066292, Page 19
- Hua JT**
20068790, Page 25
- Hubbs AF**
20066406, Page 27
20067221, Page 50
20067759, Page 8
20067863, Page 21
20068043, Page 29
20068848, Page 65
- Hudson N**
20067225, Page 49
- Hughes CM**
20068182, Page 13
- Hughes RJ**
20065667, Page 4
- Hughes SE**
20066889, Page 35
20067105, Page 36
20068562, Page 38
- Hulsegge G**
20068462, Page 11
- Humann MJ**
20067655, Page 11
- Hunter R**
20064411, Page 27
20068640, Page 13
- Hussain S**
20066392, Page 16
- Iker K**
20068807, Page 48
20068808, Page 50
- Ilavsky J**
20066960, Page 24
- Ingalls L**
20066604, Page 10
- Ingram A**
20066662, Page 15
- Ishihara J**
20069132, Page 20
- Iskander J**
20065765, Page 17
- Iwaniuk C**
20066406, Page 27
20067759, Page 8
- Jacklitsch BL**
20067455, Page 21
- Jacksha R**
20067852, Page 42
- Jacksha RD**
20068650, Page 42
20068651, Page 45
- Jackson M**
20067229, Page 47
20067860, Page 13
- Jacobson BR**
20067709, Page 2
- Jahnke SA**
20066404, Page 22
- James J**
20068640, Page 13
- Janson P**
20068947, Page 42
- Jennings MA**
20066790, Page 24
- Jensen J**
20067676, Page 6
- Jiang H**
20067850, Page 46
20067868, Page 43
- Jin C**
20067878, Page 16
- Jo YM**
20067307, Page 18
- Jobes C**
20067854, Page 45
- Jog MA**
20065261, Page 5
20067664, Page 5
- Johns MM**
20066790, Page 24
- Johnson B**
20066895, Page 27
- Johnson C**
20067676, Page 6
- Johnson CY**
20068370, Page 11
20069058, Page 15
- Johnson JA**
20067236, Page 49
- Johnson K**
20068802, Page 3
- Jones B**
20066408, Page 3
20068603, Page 44
20069061, Page 16
- Jones BC**
20067911, Page 17
- Jones JM**
20066508, Page 22
- Jones KD**
20067149, Page 8
- Joseph P**
20066893, Page 62
20067222, Page 48
20067228, Page 50
20067778, Page 29
20067863, Page 21
- Judd SE**
20068049, Page 1
- Jung AM**
20065667, Page 4
- Kagan VE**
20067711, Page 1
- Kahveci Z**
20067146, Page 12
20067524, Page 12
- Kainulainen MH**
20066743, Page 6
- Kaldor J**
20069132, Page 20
- Kammler HK**
20066783, Page 18
- Kang G**
20067309, Page 16
- Kapralov O**
20067711, Page 1
- Karlsson ND**
20066662, Page 15
20067568, Page 9
- Karmous I**
20067904, Page 12
- Karpowicz J**
20066662, Page 15
- Kashon M**
20066671, Page 2
20067000, Page 20
20067211, Page 50
20067316, Page 16
20067454, Page 14
20067456, Page 63
20067535, Page 64
20068611, Page 49
- Kashon ML**
20067232, Page 50
20067863, Page 21
- Katruska A**
20068807, Page 48
20068808, Page 50
- Kaur H**
20067915, Page 22
20068594, Page 12
- Kazerooni EA**
20067149, Page 8
- Keady P**
20066919, Page 27
- Kealing D**
20068802, Page 3
- Keil A**
20068664, Page 48
20068665, Page 48
- Kelleher A**
20066743, Page 6
- Kelley EE**
20066392, Page 16
- Kelly KA**
20067478, Page 63
20067479, Page 17

- Kelly KM**
20067655, Page 11
- Kelly-Reif K**
20066001, Page 27
20067567, Page 12
20067708, Page 12
20068245, Page 20
20068663, Page 48
20068664, Page 48
20068665, Page 48
20068666, Page 48
20068667, Page 48
20068950, Page 10
- Kennedy A**
20068606, Page 5
- Kennedy EJ**
20066966, Page 12
- Kerber S**
20066617, Page 4
20066936, Page 25
20067912, Page 16
- Kerins JL**
20066662, Page 15
- Kesler RM**
20066936, Page 25
20067912, Page 16
- Kesminiene A**
20068245, Page 20
20068665, Page 48
- Khademian Z**
20067030, Page 1
20067864, Page 42
20068232, Page 24
20068945, Page 43
- Khrantsov VV**
20066392, Page 16
- Kidder DP**
20066790, Page 24
- Kiederer M**
20067059, Page 34
20068460, Page 38
20068532, Page 38
- Kilinc-Balci FS**
20067146, Page 12
20067524, Page 12
20067525, Page 12
20068463, Page 12
- Kim AM**
20068182, Page 13
- Kim BH**
20068648, Page 43
20068649, Page 43
20068946, Page 43
20068948, Page 45
- Kim K**
20067316, Page 16
- Kim M**
20067360, Page 20
- Kim Y-M**
20068638, Page 18
- Kimmel HJ**
20069058, Page 15
- Kimutis R**
20068641, Page 7
- Kincl L**
20067193, Page 7
20067910, Page 13
20068281, Page 13
- Kindilien S**
20067360, Page 20
- King B**
20067250, Page 19
- King BS**
20068614, Page 14
- King G**
20066397, Page 13
- Kirkham TL**
20067348, Page 6
- Kisin ER**
20067234, Page 49
- Kissam E**
20066882, Page 3
- Kjaerheim K**
20067348, Page 6
- Klemetti T**
20068232, Page 24
- Klima SS**
20067850, Page 46
20067868, Page 43
- Kline KE**
20066662, Page 15
- Kloczko D**
20067101, Page 34
20067102, Page 34
20067103, Page 34
20067104, Page 34
20067106, Page 34
20067107, Page 34
- Knepp A**
20067223, Page 47
20067860, Page 13
- Knepp AK**
20067230, Page 49
20068848, Page 65
- Kocharian A**
20066662, Page 15
- Kodali V**
20066392, Page 16
20067000, Page 20
20067211, Page 50
20067212, Page 51
20067229, Page 47
20067233, Page 49
20067456, Page 63
20069056, Page 2
- Kodali VK**
20067232, Page 50
20067235, Page 48
20067577, Page 50
- Konda S**
20068030, Page 22
20068565, Page 24
- Kongerud J**
20067256, Page 28
- Konkle S**
20065538, Page 9
- Koo J**
20067307, Page 18
- Kornberg TG**
20067676, Page 6
- Krajnak K**
20067860, Page 13
20067861, Page 7
20068653, Page 43
20068657, Page 42
20068701, Page 13
- Kreff SD**
20067149, Page 8
- Kreiss K**
20067149, Page 8
- Kreuze MA**
20068182, Page 13
- Kreuzer M**
20066001, Page 27
20067567, Page 12
- Kriebel D**
20067348, Page 6
- Krieg E**
20068141, Page 4
- Krieg EF**
20062991, Page 17
- Krueger A**
20066662, Page 15
- Ku BK**
20068554, Page 1
- Kuehl PJ**
20068802, Page 3
- Kuijpers E**
20066809, Page 21
20067570, Page 50
- Kulkarni P**
20066895, Page 27
20066919, Page 27
20068154, Page 27
- Kuppa VK**
20066783, Page 18
- Kurth L**
20066806, Page 13
20068088, Page 13
- Kuzmenko I**
20066960, Page 24
- Kyle JE**
20068638, Page 18
- Lachenmeier DW**
20069132, Page 20
- LaFollette A**
20067024, Page 35
- LaFromboise T**
20065765, Page 17
- Laing JR**
20068790, Page 25
- Lainz AR**
20066882, Page 3
- Lam C-w**
20068640, Page 13
- Lambie B**
20067851, Page 45
- Lampl M**
20068594, Page 12
- Landsittel D**
20067192, Page 8
- Laney AS**
20067088, Page 6
20067465, Page 10
20068702, Page 10
20069194, Page 29
- Lara J**
20066873, Page 21
- Larson MK**
20068648, Page 43
20068649, Page 43
20068946, Page 43
- LaSee C**
20068821, Page 2
- Laszcz-Davis C**
20068644, Page 29
- Laurier D**
20066001, Page 27
20067567, Page 12
20068245, Page 20
20068665, Page 48
20068667, Page 48
- Lavender A**
20067568, Page 9
- Law B**
20068243, Page 18
- Law BF**
20068890, Page 14
- Lawson C**
20067397, Page 36
- Lawson H**
20067087, Page 7
20067848, Page 43
- Layne LA**
20067012, Page 14
- Le Moual N**
20068731, Page 23
- LeBouf R**
20067223, Page 47
- LeBouf RF**
20066570, Page 19
20067342, Page 19
20068698, Page 59
- Lee E**
20067233, Page 49
- Lee EG**
20066699, Page 14
20067229, Page 47
20069056, Page 2
- Lee EH**
20067360, Page 20
- Lee JS**
20068554, Page 1
- Lee JT**
20067360, Page 20
- Lee T**
20067404, Page 14
20068554, Page 1
- Lee TJ**
20067307, Page 18
- Leggett RW**
20066001, Page 27
- Lemière C**
20068731, Page 23
- Lemons AR**
20066696, Page 6
20066991, Page 62
20067045, Page 21
20067191, Page 63
20067236, Page 49
20068596, Page 6
20068820, Page 3
20068892, Page 65
- Lendacki FR**
20066662, Page 15
- Lentz TJ**
20067397, Page 36
- Leonard HD**
20067229, Page 47
20069056, Page 2

- Leonard SS**
20067212, Page 51
20067229, Page 47
20069056, Page 2
- Leuraud K**
20068245, Page 20
20068665, Page 48
- Levy DD**
20069132, Page 20
- Lewis L**
20067360, Page 20
- Lewis NM**
20066743, Page 6
- Li J**
20068802, Page 3
20068985, Page 23
- Li JF**
20068274, Page 60
- Li K**
20065348, Page 25
20066120, Page 18
- Li Y**
20066743, Page 6
20067192, Page 8
20068182, Page 13
20068664, Page 48
- Liang C-J**
20067675, Page 14
20069118, Page 5
- Liang X**
20067655, Page 11
- Liira J**
20068462, Page 11
- Lilly G**
20066661, Page 4
20067147, Page 14
20067148, Page 4
- Lim CS**
20067454, Page 14
20067535, Page 64
20068610, Page 49
20068611, Page 49
- Lin C-C**
20068890, Page 14
- Lin GX**
20067227, Page 50
- Lin J-H**
20066292, Page 19
- Lin NW**
20068614, Page 14
- Lin RA**
20066939, Page 14
- Lin X**
20067221, Page 50
- Lincoln J**
20068371, Page 21
20068800, Page 57
- Lincoln JE**
20067559, Page 55
- Lincoln JM**
20066882, Page 3
20067455, Page 21
20067769, Page 14
- Lindsay WG**
20066696, Page 6
20066824, Page 61
20066924, Page 15
20066991, Page 62
- Lingwall C**
20066840, Page 2
- Linkov I**
20068606, Page 5
- Lira Chávez IA**
20066873, Page 21
- Littau SR**
20065667, Page 4
- Liu R**
20068891, Page 15
- Loflin M**
20067562, Page 57
20068797, Page 57
20068800, Page 57
- Loflin ME**
20068524, Page 36
- Lopes-Cardozo B**
20066379, Page 24
- Loring D**
20066604, Page 10
- Louzado-Feliciano P**
20065667, Page 4
- Lowe BD**
20066004, Page 15
- Lowe D**
20068182, Page 13
- Lowe SM**
20066661, Page 4
- Lu L**
20067911, Page 17
- Lu M-L**
20066316, Page 27
20066526, Page 26
20068097, Page 27
20069058, Page 15
- Lubelchek R**
20067360, Page 20
- Lucas D**
20066808, Page 7
20068281, Page 13
- Lucas L**
20067219, Page 51
20068681, Page 15
- Lucas SN**
20064411, Page 27
- Luckhaupt SE**
20066662, Page 15
20067568, Page 9
- Ludeña-Rodríguez YJ**
20067316, Page 16
- Ludwig TD**
20067317, Page 8
- Luft BJ**
20066661, Page 4
- Lukomska E**
20066455, Page 25
20066671, Page 2
20067216, Page 51
- Lukula SL**
20068182, Page 13
- Lundstrom EW**
20067085, Page 15
- Luo D**
20067549, Page 26
20068201, Page 26
- Luo L**
20062991, Page 17
- Lybrand E**
20067059, Page 34
- Lynch B**
20066743, Page 6
- Lyons B**
20068460, Page 38
20068532, Page 38
- Ma CC**
20067316, Page 16
- Ma Q**
20066841, Page 15
20067454, Page 14
20067535, Page 64
20068610, Page 49
20068611, Page 49
- Macdonald B**
20067782, Page 2
20067867, Page 41
20068817, Page 41
- MacDonald LA**
20068049, Page 1
20068601, Page 25
20069058, Page 15
- Machado MAAM**
20067760, Page 17
- MacKenzie B**
20067397, Page 36
- MacKenzie BA**
20067398, Page 36
- MacMahon KL**
20067455, Page 21
- Madia F**
20069132, Page 20
- Madrzykowski D**
20068098, Page 11
- Magnafichi D**
20067059, Page 34
- Mahler DA**
20068802, Page 3
- Mahmoud S**
20066408, Page 3
20068603, Page 44
20069061, Page 16
- Mahmud D**
20068037, Page 7
- Mahoney D**
20067915, Page 22
- Maier A**
20067225, Page 49
- Majumder N**
20066392, Page 16
- Malcolm H**
20068891, Page 15
- Mallett L**
20067024, Page 35
20067170, Page 36
- Malley J**
20067236, Page 49
- Mandler K**
20067860, Page 13
- Mandler W**
20067223, Page 47
- Mandler WK**
20065795, Page 16
20067230, Page 49
- Mandrioli D**
20069132, Page 20
- Mangla AT**
20066662, Page 15
- Mannino DM**
20068802, Page 3
- Marcum J**
20068821, Page 2
- Mark-Carew M**
20067309, Page 16
- Marques MM**
20069132, Page 20
- Marsh SM**
20066916, Page 19
20067085, Page 15
20067449, Page 5
- Martin CJ**
20067878, Page 16
- Martin K**
20067710, Page 10
- Martin M**
20067061, Page 32
20067065, Page 31
20067546, Page 37
- Martin SB Jr**
20066696, Page 6
20066991, Page 62
20067309, Page 16
- Martinez M**
20068891, Page 15
- Martinez S**
20068802, Page 3
- Masoud F**
20067912, Page 16
- Masterson EA**
20068140, Page 16
20068298, Page 23
20069134, Page 29
- Matakkah F**
20068610, Page 49
- Materna BL**
20068659, Page 24
- Matheson J**
20067860, Page 13
20068606, Page 5
- Matheson JA**
20067223, Page 47
- Matthews T**
20067858, Page 44
- Mattock H**
20069132, Page 20
- Mayer AC**
20066936, Page 25
20067912, Page 16
20068243, Page 18
- Mazurek J**
20067453, Page 49
- Mazurek JM**
20065497, Page 23
20066442, Page 7
20066806, Page 13
20067192, Page 8
20068088, Page 13
- McCanlies EC**
20067316, Page 16
- McClain C**
20067566, Page 10

- 20068549, Page 11
- McCleery T**
20067059, Page 34
- McClellan R**
20068640, Page 13
- McClure ES**
20066662, Page 15
- McCluskey R**
20068640, Page 13
- McCollum AM**
20067360, Page 20
20068182, Page 13
- McCullough ML**
20069132, Page 20
- McDiarmid M**
20068549, Page 11
- McDonald KO**
20066659, Page 7
- McElhinney D**
20067858, Page 44
- McGlasson A**
20066783, Page 18
- McKenzie EA Jr**
20069118, Page 5
- McKinney W**
20066893, Page 62
20067000, Page 20
20067211, Page 50
20067221, Page 50
20067222, Page 48
20067223, Page 47
20067227, Page 50
20067228, Page 50
20067229, Page 47
20067233, Page 49
20067456, Page 63
20067860, Page 13
20068892, Page 65
20069056, Page 2
- McKinney WG**
20066696, Page 6
20066991, Page 62
20067230, Page 49
20068820, Page 3
- McNaughton SA**
20069132, Page 20
- Mead K**
20067397, Page 36
- Mead KR**
20066696, Page 6
20066991, Page 62
20067086, Page 19
20067309, Page 16
- Meadows J**
20067912, Page 16
20068243, Page 18
- Mechling JJ**
20068817, Page 41
- Meek B**
20067220, Page 48
- Mehta RK**
20067618, Page 26
- Meighan T**
20067000, Page 20
20067211, Page 50
20067229, Page 47
20067456, Page 63
- Meighan TG**
20069056, Page 2
- Meiman JG**
20068659, Page 24
- Meinke DK**
20067940, Page 9
- Menegon FA**
20067760, Page 17
- Menger-Ogle LM**
20068000, Page 16
- Menéndez CC**
20066889, Page 35
20067915, Page 22
20068767, Page 23
- Mercer RR**
20068043, Page 29
20068848, Page 65
- Methner M**
20068562, Page 38
- Meyers AR**
20062991, Page 17
20066292, Page 19
20068030, Page 22
20068594, Page 12
- Meyers JW**
20068477, Page 64
- Michalovicz LT**
20067478, Page 63
20067479, Page 17
- Mikulska-Ruminska K**
20067711, Page 1
- Milagres J**
20067904, Page 12
- Miller A**
20066397, Page 13
- Miller C**
20068038, Page 36
- Miller MM**
20067236, Page 49
- Miller RF**
20067149, Page 8
- Miller RL**
20068596, Page 6
- Min H**
20068637, Page 22
- Minhaj FS**
20068182, Page 13
- Miniño A**
20068985, Page 23
- Minoski T**
20066797, Page 51
- Misra S**
20066872, Page 17
- Modji K**
20067568, Page 9
- Mohamed K**
20066347, Page 9
20067858, Page 44
- Moissonnier M**
20068245, Page 20
20068665, Page 48
- Moline JM**
20066661, Page 4
- Montes F**
20068638, Page 18
- Montilha AAP**
20067760, Page 17
- Moore KD**
20066921, Page 17
- Moore S**
20068460, Page 38
20068532, Page 38
- Moore SM**
20067116, Page 36
20067120, Page 10
- Morata TC**
20067760, Page 17
20068141, Page 4
20068263, Page 21
20068768, Page 44
- Morita T**
20069132, Page 20
- Morris C**
20066662, Page 15
- Morris MJ**
20067149, Page 8
- Morrison B**
20066662, Page 15
- Mortensen H**
20068606, Page 5
- Most ZM**
20066999, Page 17
- Moulton-Meissner H**
20065538, Page 9
- Mounsey L**
20067360, Page 20
- Mozhui K**
20067911, Page 17
- Mpofu JJ**
20065765, Page 17
- Muianga C**
20068606, Page 5
- Mumma MT**
20066001, Page 27
- Munoz N**
20068638, Page 18
- Murphy M**
20066798, Page 50
- Murphy WJ**
20067940, Page 9
20068141, Page 4
20068298, Page 23
- Murray J**
20066406, Page 27
20067759, Page 8
- Myers R**
20068182, Page 13
- Myers WR**
20068407, Page 17
- Naber S**
20066004, Page 15
- Naber SJ**
20066916, Page 19
20068030, Page 22
20068565, Page 24
20068594, Page 12
- Nadadur S**
20068606, Page 5
- Naeim A**
20066521, Page 9
- Nahorniak J**
20067910, Page 13
- Nakata A**
20068746, Page 31
- Nakayasu ES**
20068638, Page 18
- Napoli M**
20067566, Page 10
20068549, Page 11
- Napolitano PG**
20069058, Page 15
- Narayanan V**
20066783, Page 18
- Nassiri Kigloo H**
20068731, Page 23
- National Birth Defects Prevention Study**
20066404, Page 22
20068027, Page 24
- Navarro KM**
20068243, Page 18
20068638, Page 18
- Navovski J**
20067782, Page 2
20067867, Page 41
20068817, Page 41
- Nelman M**
20068640, Page 13
- Nelson D**
20068644, Page 29
- Nematollahi A**
20065667, Page 4
- Nett RJ**
20067558, Page 59
20067638, Page 3
20068659, Page 24
- Neu DT**
20067086, Page 19
20068274, Page 60
- Neumann DL**
20068098, Page 11
- Newman E**
20069155, Page 29
- Newton E**
20069033, Page 11
- Nguyen A**
20066662, Page 15
- Nguyen KX**
20066120, Page 18
- Nicora CD**
20068638, Page 18
- Niemeier RT**
20067225, Page 49
20068460, Page 38
20068532, Page 38
- Nigam JAS**
20066680, Page 18
20068637, Page 22
20068662, Page 18
20069157, Page 23
20069158, Page 44
20069159, Page 44
- Nixon CT**
20067087, Page 7
- Noti JD**
20066696, Page 6
20066824, Page 61
20066839, Page 18
20066924, Page 15
20066991, Page 62

- Nowak S**
20066347, Page 9
- Nugent AP**
20069132, Page 20
- Nurkiewicz TR**
20066392, Page 16
20066570, Page 19
- Nyquist A-C**
20066999, Page 17
- O'Callaghan JP**
20066659, Page 7
20067478, Page 63
20067479, Page 17
20067911, Page 17
- O'Connell RC**
20068848, Page 65
- O'Connor C**
20068863, Page 60
- O'Connor MC**
20068712, Page 59
- O'Connor S**
20067360, Page 20
- O'Shea J**
20067360, Page 20
- Oakeson K**
20066743, Page 6
- Oduwale SO**
20065667, Page 4
- Ogawa K**
20069132, Page 20
- Ohar J**
20068802, Page 3
- Okoli U**
20066783, Page 18
20066960, Page 24
- Okun AH**
20066521, Page 9
20066998, Page 9
- Oldham K**
20066916, Page 19
- Olivares Marín L**
20066873, Page 21
- Olshan AF**
20066404, Page 22
- Olson R**
20066680, Page 18
- Omari A**
20066404, Page 22
- Orandle M**
20066893, Page 62
- Orandle MS**
20066406, Page 27
20067230, Page 49
20067759, Page 8
- Orr TJ**
20067782, Page 2
20067867, Page 41
20068817, Page 41
- OSHA**
20067548, Page 32
- Osterholzer JJ**
20067149, Page 8
- Othumpangat S**
20066839, Page 18
- Ottens AK**
20064411, Page 27
- Ovesen J**
20067397, Page 36
- Ovesen JL**
20067398, Page 36
- Owers Bonner KA**
20066662, Page 15
- Pachito DV**
20068462, Page 11
- Padden L**
20067998, Page 26
- Pahwa M**
20068462, Page 11
- Pampati S**
20067309, Page 16
- Pan CS**
20068720, Page 26
- Pandalai SP**
20067224, Page 49
- Pandiri AR**
20069132, Page 20
- Parasram V**
20067795, Page 8
20068887, Page 23
- Park J-H**
20067307, Page 18
20067749, Page 20
20068820, Page 3
20068892, Page 65
- Park S**
20067307, Page 18
- Partida S**
20066882, Page 3
- Pasqual E**
20066001, Page 27
20069132, Page 20
- Pathak D**
20066935, Page 18
20067227, Page 50
20067913, Page 19
- Paurus VL**
20068638, Page 18
- Pavlick J**
20067360, Page 20
- Pawel DJ**
20066001, Page 27
- Pena M**
20067086, Page 19
- Pendergrass S**
20067455, Page 21
- Peng X**
20065348, Page 25
20066120, Page 18
- Penman-Aguilar A**
20065765, Page 17
- Perl TM**
20066999, Page 17
- Perlmutter R**
20068182, Page 13
- Perzanowski MS**
20068596, Page 6
- Pesonen M**
20067256, Page 28
- Petersen EJ**
20068606, Page 5
- Peterson C**
20068985, Page 23
- Peterson JS**
20068298, Page 23
20068615, Page 19
- Petery G**
20069160, Page 44
- Petery GA**
20069158, Page 44
20069159, Page 44
- Petsonk EL**
20067759, Page 8
- Phillips DH**
20069132, Page 20
- Piacentino J**
20067398, Page 36
- Pierre S**
20068731, Page 23
- Pikel L**
20066807, Page 3
- Pillai A**
20065538, Page 9
- Pinkerton L**
20067878, Page 16
- Politis MD**
20068027, Page 24
- Polosukhin VV**
20067149, Page 8
- Pompei R**
20067194, Page 28
20067250, Page 19
- Poplin G**
20067170, Page 36
20067522, Page 20
- Poplin GS**
20066872, Page 17
- Popp C**
20065667, Page 4
- Porter D**
20067849, Page 42
20068610, Page 49
20068611, Page 49
20069194, Page 29
- Porter DW**
20067454, Page 14
20067535, Page 64
20068043, Page 29
20068848, Page 65
- Porter KN**
20066659, Page 7
- Portnoff L**
20067404, Page 14
20068477, Page 64
- Potts JD**
20068096, Page 27
- Povroznik JM**
20066659, Page 7
- Powell JB**
20067349, Page 19
- Powell MJ**
20067232, Page 50
- Powers JR**
20067116, Page 36
- Prager S**
20066882, Page 3
- Pratap P**
20067999, Page 8
- Pratt S**
20067724, Page 25
20068605, Page 19
- Prezant DJ**
20067210, Page 22
- Price CS**
20066999, Page 17
- Prins P**
20067911, Page 17
- Pronk A**
20066809, Page 21
20067570, Page 50
- Pugacheva EN**
20067998, Page 26
- Qi C**
20065795, Page 16
20066167, Page 24
20068745, Page 53
- Qian Y**
20065795, Page 16
20067223, Page 47
20067230, Page 49
20067549, Page 26
20067860, Page 13
20067998, Page 26
20068201, Page 26
- Quinn T**
20067349, Page 19
- Quinn TD**
20066294, Page 1
20066916, Page 19
- Radonovich L**
20068802, Page 3
- Radonovich LJ**
20066999, Page 17
20067029, Page 3
20067314, Page 25
- Radwin RG**
20066292, Page 19
- Raese R**
20067549, Page 26
- Raese RA**
20067998, Page 26
20068201, Page 26
- Page E**
20066001, Page 27
20067567, Page 12
20068667, Page 48
- Ragsdale J**
20069159, Page 44
- Ragsdale JM**
20069155, Page 29
20069158, Page 44
- Rameshbabu A**
20066680, Page 18
- Ramirez-Cardenas A**
20067194, Page 28
20067250, Page 19
20067724, Page 25
20068328, Page 26
20068614, Page 14
- Ramsey JG**
20062991, Page 17
- Rangel Gómez MG**
20066873, Page 21
- Ranpara A**
20066570, Page 19
20067342, Page 19

- Rao AK**
20067360, Page 20
20068182, Page 13
- Rao CY**
20066379, Page 24
- Rashed G**
20066798, Page 50
- Rattigan SM**
20066999, Page 17
- Ravi-Caldwell N**
20068182, Page 13
- Ray TK**
20069157, Page 23
- Rayyan N**
20067865, Page 44
- Razzaghi H**
20067088, Page 6
- Reddy C**
20067618, Page 26
- Reed C**
20066662, Page 15
- Reed WR**
20068096, Page 27
- Rehman T**
20067360, Page 20
- Reibman J**
20066661, Page 4
- Reichard A**
20067400, Page 9
- Reichard JF**
20067225, Page 49
- Reichbind D**
20066662, Page 15
- Reid M**
20068790, Page 25
- Rempel D**
20066292, Page 19
- Renne R**
20068640, Page 13
- Retchless AC**
20066743, Page 6
- Rettler H**
20066743, Page 6
- Reynolds JS**
20066696, Page 6
20066991, Page 62
- Reynolds L**
20067465, Page 10
20068597, Page 38
20068658, Page 39
20068702, Page 10
20068950, Page 10
- Riboli E**
20069132, Page 20
- Richardson D**
20067860, Page 13
- Richardson DB**
20066001, Page 27
20067567, Page 12
20067708, Page 12
20068245, Page 20
20068663, Page 48
20068665, Page 48
20068667, Page 48
- Richardson DL**
20067759, Page 8
- Ridl S**
20068328, Page 26
- Riera R**
20068462, Page 11
- Rigutto G**
20069132, Page 20
- Rimayi C**
20067749, Page 20
- Rinsky J**
20068597, Page 38
20068658, Page 39
- Rinsky JL**
20068598, Page 59
20068764, Page 22
- Riser AP**
20067360, Page 20
- Rishi K**
20066783, Page 18
20066960, Page 24
- Roach K**
20067456, Page 63
- Roach KA**
20067000, Page 20
20067211, Page 50
20067232, Page 50
20067235, Page 48
- Robbins CL**
20066662, Page 15
- Roberts J**
20066893, Page 62
20067456, Page 63
- Roberts JR**
20067000, Page 20
20067211, Page 50
20067232, Page 50
20067233, Page 49
20067235, Page 48
20067577, Page 50
20067863, Page 21
- Robertson LD**
20066874, Page 25
- Robertson MW**
20067149, Page 8
- Robinson T**
20067087, Page 7
20067522, Page 20
- Rocheleau CM**
20066404, Page 22
20068027, Page 24
- Rodriguez-Barradas MC**
20066999, Page 17
- Rogers B**
20067546, Page 37
- Rogers JL**
20067998, Page 26
- Roggia SM**
20068263, Page 21
- Rojanasakul L**
20067215, Page 51
- Rojanasakul LW**
20067676, Page 6
20067710, Page 10
- Rojanasakul Y**
20067676, Page 6
20067710, Page 10
- Rollins SM**
20067655, Page 11
- Romano N**
20067559, Page 55
20068574, Page 56
- Romero Rangel A**
20066873, Page 21
- Rooney J**
20066743, Page 6
- Rosa RR**
20068026, Page 21
- Rosales CB**
20066873, Page 21
- Rose CE**
20066379, Page 24
- Rose CS**
20066406, Page 27
20066805, Page 1
20067149, Page 8
20067759, Page 8
- Rosen R**
20066661, Page 4
- Roth G**
20068749, Page 39
- Rubin JH**
20068182, Page 13
- Rubinstein EN**
20067030, Page 1
- Ruess A**
20066923, Page 6
- Ruiter S**
20066809, Page 21
20067570, Page 50
- Rundell SD**
20066368, Page 5
- Rundle AG**
20068596, Page 6
- Rush RE**
20067045, Page 21
20067191, Page 63
20068820, Page 3
20068892, Page 65
- Russell AE**
20066659, Page 7
- Rust B**
20066662, Page 15
- Rutter C**
20066604, Page 10
- Ryan KJ**
20068407, Page 17
- Ryan ME**
20067686, Page 37
20067688, Page 37
20067902, Page 37
20067903, Page 37
- Ryder V**
20068640, Page 13
- Saadah K**
20067360, Page 20
- Sabzwari R**
20067360, Page 20
- Sadeghpour N**
20067101, Page 34
20067102, Page 34
20067103, Page 34
20067104, Page 34
20067106, Page 34
20067107, Page 34
- Sager T**
20066893, Page 62
20067222, Page 48
- Sager TM**
20067228, Page 50
20067863, Page 21
- Sahmel J**
20068644, Page 29
- Salazar R**
20064411, Page 27
- Saldanha IJ**
20069058, Page 15
- Salehi E**
20067360, Page 20
- Salmen R**
20067212, Page 51
- Salmon-Trejo LAT**
20067360, Page 20
- Samart P**
20067710, Page 10
- Roth G**
20068749, Page 39
- Samet J**
20066001, Page 27
20067567, Page 12
- Samet JM**
20068667, Page 48
- Sammons D**
20067912, Page 16
20068243, Page 18
- Samson ME**
20066662, Page 15
- Samson O**
20067360, Page 20
- Sanderson WT**
20067316, Page 16
20068027, Page 24
- Santiago-Colón A**
20068807, Page 48.
20068808, Page 50
20069058, Page 15
- Sanyal S**
20066406, Page 27
20067759, Page 8
- Sargent LM**
20068043, Page 29
- Sarver E**
20066406, Page 27
- Sarver EA**
20067759, Page 8
- Saunders J**
20066809, Page 21
20067570, Page 50
- Saunders R**
20069055, Page 58
- Savage N**
20068606, Page 5
- Saydah SH**
20066508, Page 22
- Sbai S**
20068652, Page 41
20068947, Page 42
- Schaefer-Solle N**
20065667, Page 4
- Schall J**
20067116, Page 36
- Schall JE**
20068477, Page 64

- Scharf T**
20068030, Page 22
- Schatzel SJ**
20067030, Page 1
- Schernhammer E**
20069132, Page 20
- Schlotzhauer AE**
20068637, Page 22
- Schmidt PE**
20068817, Page 41
- Schneider C**
20066397, Page 13
- Schreurs BG**
20066659, Page 7
- Schubauer-Berigan MK**
20066001, Page 27
20067348, Page 6
20067567, Page 12
20067708, Page 12
20068245, Page 20
20068663, Page 48
20068665, Page 48
20068667, Page 48
20069132, Page 20
- Schuler CR**
20067953, Page 5
- Schulte P**
20068606, Page 5
- Schulte PA**
20067455, Page 21
- Schuman J**
20067360, Page 20
- Scieszka D**
20064411, Page 27
- Scinicariello F**
20067249, Page 7
- Scott DP**
20066525, Page 25
- Scott K**
20067522, Page 20
20068614, Page 14
- Scott KA**
20067194, Page 28
20067250, Page 19
20068371, Page 21
20068985, Page 23
- Scott RP**
20066617, Page 4
- Scully R**
20068640, Page 13
- Sears JM**
20066368, Page 5
- Sears M**
20066797, Page 51
20067864, Page 42
- Sedon A**
20066662, Page 15
- Sergi CM**
20069132, Page 20
- Service S**
20067223, Page 47
- Service SK**
20066696, Page 6
20066991, Page 62
- Sewchok H**
20068038, Page 36
- Seymour B**
20067849, Page 42
- Shah MM**
20066508, Page 22
- Shane HL**
20066455, Page 25
20066671, Page 2
20067216, Page 51
- Sherizadeh T**
20066347, Page 9
- Shi DS**
20068274, Page 60
20068764, Page 22
20068863, Page 60
- Shin JH**
20068554, Page 1
- Shockey TM**
20067613, Page 22
- Shoeb M**
20067000, Page 20
20067211, Page 50
20067456, Page 63
- Shoss MK**
20068637, Page 22
- Shrage J**
20068139, Page 5
- Shrivastava IH**
20067711, Page 1
- Shvedova AA**
20067234, Page 49
20067711, Page 1
- Sickbert-Bennett E**
20068950, Page 10
- Siegel M**
20068821, Page 2
- Siegel MR**
20066404, Page 22
20067912, Page 16
- Sietsema M**
20067566, Page 10
20068549, Page 11
- Simba H**
20069132, Page 20
- Simberkoff MS**
20066999, Page 17
- Simon SL**
20066001, Page 27
- Simons J**
20067349, Page 19
- Simonson S**
20066662, Page 15
- Simpkins JW**
20066659, Page 7
- Sinelnikov S**
20067953, Page 5
- Singh A**
20067210, Page 22
- Sinha S**
20066518, Page 22
- Sinsel EW**
20066696, Page 6
20066991, Page 62
20068037, Page 7
- Siven J**
20067455, Page 21
- Sivén JM**
20067915, Page 22
- Slaker B**
20066798, Page 50
- Smith B**
20066001, Page 27
- Smith DL**
20066617, Page 4
20066936, Page 25
20067912, Page 16
- Smith GS**
20067085, Page 15
- Smith M**
20067360, Page 20
- Snawder J**
20066809, Page 21
20066895, Page 27
20067570, Page 50
- Snyder DP**
20068651, Page 45
- Sobek E**
20068596, Page 6
- Socias-Morales C**
20067400, Page 9
20067795, Page 8
20068030, Page 22
- Socias-Morales CM**
20067953, Page 5
20068767, Page 23
- Sockwell D**
20068182, Page 13
- Soles J**
20067620, Page 23
20067783, Page 45
- Song D**
20067307, Page 18
- Soo J-C**
20068407, Page 17
- Sood A**
20068667, Page 48
20068802, Page 3
- Sotolongo AM**
20067149, Page 8
- Sousa-Pinto B**
20068731, Page 23
- Southerland V**
20068887, Page 23
- Sparvero LJ**
20067711, Page 1
- Spector JT**
20066368, Page 5
- Spencer BR**
20066508, Page 22
- Spengler JR**
20066743, Page 6
- Spillman B**
20066662, Page 15
- Srednicki J**
20067851, Page 45
20067854, Page 45
20067862, Page 46
- Sriram K**
20066935, Page 18
20067221, Page 50
20067227, Page 50
20067913, Page 19
20068043, Page 29
- 20068848, Page 65
- Srivastav A**
20067088, Page 6
- Stakes K**
20068098, Page 11
- Stallings H**
20067400, Page 9
- Stallings HA**
20068767, Page 23
- Standridge S**
20068606, Page 5
- Stayner L**
20067348, Page 6
- Stazick C**
20067087, Page 7
20067855, Page 45
- Steege A**
20067083, Page 35
20068218, Page 35
- Stefaniak A**
20067225, Page 49
20067235, Page 48
- Stefaniak AB**
20066570, Page 19
20067232, Page 50
20067342, Page 19
20067577, Page 50
20068848, Page 65
- Stephenson MR**
20067940, Page 9
- Stokich BD**
20067360, Page 20
- Stone DM**
20068985, Page 23
- Stone S**
20067000, Page 20
20067211, Page 50
- Stouder SM**
20068767, Page 23
- Stramer SL**
20066508, Page 22
- Stratton KG**
20068638, Page 18
- Strauch A**
20066294, Page 1
- Streit JMK**
20067084, Page 8
- Strickland KT**
20067403, Page 23
20068477, Page 64
- Stueckle T**
20067215, Page 51
- Stueckle TA**
20067235, Page 48
20067676, Page 6
20068848, Page 65
- Stuever DM**
20068767, Page 23
- Stump B**
20066919, Page 27
- Su D**
20068948, Page 45
- Su DW**
20068944, Page 45
- Suarthana E**
20068731, Page 23

- Suderman C**
20067855, Page 45
- Suggett J**
20068802, Page 3
- Suhon NL**
20068477, Page 64
- Sulyok M**
20068820, Page 3
20068892, Page 65
- Sunderman C**
20067852, Page 42
- Sunderman CB**
20068651, Page 45
- Sunderram J**
20067313, Page 24
- Sunkpal M**
20066347, Page 9
- Suonio E**
20069132, Page 20
- Sussell A**
20067522, Page 20
20068985, Page 23
- Sussell AL**
20066872, Page 17
- Swanson N**
20066526, Page 26
- Swanson NG**
20068637, Page 22
20068662, Page 18
- Sweeney MH**
20066662, Page 15
20066840, Page 2
20067568, Page 9
- Sweet D**
20067849, Page 42
- Syamlal G**
20065497, Page 23
20067453, Page 49
- Syron L**
20066808, Page 7
20067101, Page 34
20067102, Page 34
20067103, Page 34
20067104, Page 34
20067106, Page 34
20067107, Page 34
20068281, Page 13
- Syron LN**
20066874, Page 25
- Takahashi M**
20068746, Page 31
- Tal-Singer R**
20068802, Page 3
- Talley P**
20067360, Page 20
- Tamers SL**
20069157, Page 23
- Tang W**
20067620, Page 23
20067783, Page 45
- Tantlinger C**
20068460, Page 38
20068532, Page 38
- Tarley J**
20067748, Page 8
- Tashkin D**
20068802, Page 3
- Taylor D**
20066743, Page 6
- Taylor ML**
20066662, Page 15
- Teeguarden J**
20068638, Page 18
- Teras LR**
20067348, Page 6
- Teske T**
20067101, Page 34
20067102, Page 34
20067103, Page 34
20067104, Page 34
20067106, Page 34
20067107, Page 34
- Themann CL**
20067249, Page 7
20068298, Page 23
20069134, Page 29
- Thierry-Chef I**
20068245, Page 20
20068665, Page 48
- Thiyagarajan Upaassana V**
20068554, Page 1
- Thomas BA**
20066001, Page 27
- Thomas EV**
20066790, Page 24
- Thomas H**
20067568, Page 9
- Thomas I**
20066662, Page 15
- Thomas R**
20067620, Page 23
20067783, Page 45
- Thomas T**
20067860, Page 13
20068606, Page 5
- Thomas TA**
20067223, Page 47
- Thompson D**
20066167, Page 24
20068745, Page 53
- Thoroughman DA**
20065538, Page 9
- Thorpe P**
20065765, Page 17
- Thurman P**
20067566, Page 10
20068549, Page 11
- Tidwell LG**
20066617, Page 4
- Tiesman HM**
20066379, Page 24
20067449, Page 5
20068565, Page 24
- Tietje G**
20068638, Page 18
- Toennis C**
20067912, Page 16
20068243, Page 18
- Tomasek L**
20066001, Page 27
20067567, Page 12
20068667, Page 48
- Tomasi SE**
20066807, Page 3
20068659, Page 24
- Tong S**
20066743, Page 6
- Tonzel J**
20066662, Page 15
- Torén K**
20067256, Page 28
- Tosh PK**
20065538, Page 9
- Touvier M**
20069132, Page 20
- Towner JS**
20066743, Page 6
- Townsend EB**
20066662, Page 15
- Trackemas J**
20066797, Page 51
- Trainer-Dearmitt T**
20067212, Page 51
- Trinkoff A**
20068746, Page 31
- Trump B**
20068606, Page 5
- Tsai R**
20068597, Page 38
20068658, Page 39
- Tseng C-Y**
20068140, Page 16
- Tseng MT**
20068313, Page 9
- Tsoggerel A**
20067236, Page 49
- Tuchman D**
20067854, Page 45
- Tulu B**
20066797, Page 51
- Turkevich LA**
20065261, Page 5
20067664, Page 5
- Tyurin VA**
20067711, Page 1
- Tyurina YY**
20067711, Page 1
- Udasin IG**
20066661, Page 4
20066939, Page 14
20067313, Page 24
- Uehara A**
20066743, Page 6
- Umbright C**
20066893, Page 62
- Umbright CM**
20067863, Page 21
- Vaidya S**
20067904, Page 12
- Valencia D**
20066662, Page 15
- Van Brussel P**
20068731, Page 23
- Van Buren KW**
20068027, Page 24
- Van Dyke M**
20068232, Page 24
- 20068948, Page 45
- Van Dyke MA**
20068945, Page 43
- Van Houten R**
20069033, Page 11
- Vandenplas O**
20068731, Page 23
- Vanderslice S**
20067853, Page 42
- Vaughan A**
20067193, Page 7
20067910, Page 13
20068281, Page 13
- Vavreck L**
20066521, Page 9
- Veal BM**
20068049, Page 1
- Veigel D**
20066960, Page 24
- Velayutham M**
20066392, Page 16
- Velazquez-Kronen R**
20067360, Page 20
20068601, Page 25
- Veltri B**
20067454, Page 14
20067535, Page 64
- Victoroff T**
20067170, Page 36
20068635, Page 38
- Victoroff TM**
20066874, Page 25
- Viegas S**
20069132, Page 20
- Vietas J**
20067455, Page 21
20069140, Page 29
- Vietas JA**
20067999, Page 8
- Villeneuve F**
20068720, Page 26
- Violanti JM**
20066744, Page 9
- Virji MA**
20067558, Page 59
20067638, Page 3
- Vixama G**
20067105, Page 36
- Vollmer BE**
20067797, Page 3
20067973, Page 64
- Vorajee N**
20066406, Page 27
- Vorajee NI**
20067759, Page 8
- Wagstaff A**
20067256, Page 28
- Walbert G**
20067349, Page 19
- Wallace W**
20068640, Page 13
- Wallentine DD**
20065667, Page 4
- Waller K**
20067360, Page 20

- Waltenbaugh H**
 20067566, Page 10
 20068549, Page 11
- Walton G**
 20066518, Page 22
- Wan Y-W**
 20067549, Page 26
 20067998, Page 26
- Wang DS**
 20066659, Page 7
- Wang J**
 20067998, Page 26
- Wang R**
 20065348, Page 25
- Wang Y**
 20067912, Page 16
- Warheit D**
 20068640, Page 13
- Warren C**
 20067861, Page 7
 20068653, Page 43
 20068657, Page 42
 20068701, Page 13
- Warren CM**
 20068037, Page 7
 20068720, Page 26
- Warren N**
 20066809, Page 21
 20067570, Page 50
- Warren S**
 20067951, Page 4
- Warren-Gash C**
 20066999, Page 17
- Watkins E**
 20068641, Page 7
- Waugh S**
 20067860, Page 13
 20067861, Page 7
 20068653, Page 43
 20068657, Page 42
 20068701, Page 13
- Weatherly LM**
 20066455, Page 25
 20066671, Page 2
 20067216, Page 51
- Weaver KL**
 20067236, Page 49
 20068820, Page 3
 20068892, Page 65
- Weaver VM**
 20068790, Page 25
- Webber MP**
 20067210, Page 22
- Weber DJ**
 20068950, Page 10
- Weber RC**
 20066662, Page 15
- Wedekind R**
 20067348, Page 6
 20069132, Page 20
- Weissman DN**
 20067029, Page 3
 20067192, Page 8
 20067314, Page 25
 20068790, Page 25
- Weitz KK**
 20068638, Page 18
- Welch TJ**
 20066932, Page 58
 20068402, Page 58
- Welcome D**
 20068701, Page 13
- Welcome DE**
 20067861, Page 7
 20068653, Page 43
 20068657, Page 42
- Wendling NM**
 20066743, Page 6
- Wenzel S**
 20067711, Page 1
- Werth AS**
 20066661, Page 4
- Whisler R**
 20062861, Page 11
- White JC**
 20067904, Page 12
- White S**
 20067360, Page 20
- Whittaker C**
 20067219, Page 51
 20067398, Page 36
 20068681, Page 15
- Wickline J**
 20068232, Page 24
 20068945, Page 43
- Wiegand DM**
 20066379, Page 24
 20068616, Page 5
- Wiggins C**
 20066001, Page 27
 20067567, Page 12
 20068667, Page 48
- Wilkins K**
 20068182, Page 13
- Wilkinson AF**
 20066936, Page 25
 20067912, Page 16
- Williams WJ**
 20066294, Page 1
- Wilson SE**
 20066872, Page 17
- Wimer BM**
 20068720, Page 26
- Wingate K**
 20066525, Page 25
- Wingate KC**
 20067194, Page 28
 20067250, Page 19
 20067724, Page 25
 20068328, Page 26
 20068614, Page 14
- Wirth O**
 20067317, Page 8
 20067451, Page 10
- Wolfarth M**
 20068848, Page 65
- Wolfe A**
 20067061, Page 32
 20067065, Page 31
- Wong IS**
 20067405, Page 11
 20068462, Page 11
- Wong J**
 20067568, Page 9
- Wong KK**
 20067360, Page 20
- Wong M**
 20067360, Page 20
- Wood E**
 20067194, Page 28
- Woods S**
 20067878, Page 16
- Woodward W**
 20067236, Page 49
- Woolsey C**
 20068791, Page 8
- Wu JZ**
 20066921, Page 17
 20067861, Page 7
 20068037, Page 7
 20068657, Page 42
 20068720, Page 26
- Wurzelbacher SJ**
 20062991, Page 17
 20066916, Page 19
 20068030, Page 22
 20068140, Page 16
 20068565, Page 24
 20068594, Page 12
- Xin W**
 20068201, Page 26
- Xin X**
 20067235, Page 48
- Xu S**
 20067403, Page 23
- Xu X**
 20068701, Page 13
- Xu XS**
 20067861, Page 7
 20068653, Page 43
 20068657, Page 42
- Xue Y**
 20066347, Page 9
 20068041, Page 26
- Yan L**
 20066672, Page 26
 20067851, Page 45
- Yang H**
 20066526, Page 26
- Yang L**
 20066840, Page 2
- Yang W**
 20068407, Page 17
- Yantek DS**
 20066672, Page 26
 20067404, Page 14
- Yates J**
 20068802, Page 3
- Ye Q**
 20067549, Page 26
 20067998, Page 26
 20068201, Page 26
- Ye Y**
 20067192, Page 8
- Yekich M**
 20067854, Page 45
- Yeoman K**
 20067170, Page 36
 20068635, Page 38
- Yermakov MV**
 20067797, Page 3
 20067973, Page 64
- Yi J**
 20066570, Page 19
- Yilmaz A**
 20066659, Page 7
- Yin W**
 20067618, Page 26
- Yokel RA**
 20068313, Page 9
- Yoon K**
 20067566, Page 10
- Yoon KN**
 20067120, Page 10
 20067797, Page 3
 20067973, Page 64
- Yorio PL**
 20067146, Page 12
 20067524, Page 12
 20068767, Page 23
- Young EL**
 20066743, Page 6
- Young M**
 20067857, Page 41
- Young TL**
 20064411, Page 27
- Yu D**
 20066316, Page 27
 20068097, Page 27
- Yuan L**
 20067620, Page 23
 20067783, Page 45
- Yucesoy B**
 20067316, Page 16
- Zablotska LB**
 20066001, Page 27
 20067567, Page 12
 20068667, Page 48
- Zechmann EL**
 20068141, Page 4
- Zeidler-Erdely P**
 20067211, Page 50
 20067456, Page 63
 20068640, Page 13
- Zeidler-Erdely PC**
 20067000, Page 20
 20067212, Page 51
 20067229, Page 47
 20069056, Page 2
- Zeig-Owens R**
 20067210, Page 22
- Zelaya C**
 20067360, Page 20
- Zell-Baran LM**
 20066406, Page 27
 20067759, Page 8
- Zervaki O**
 20066919, Page 27
 20068154, Page 27
- Zhang J**
 20066743, Page 6
- Zhang L**
 20069132, Page 20
- Zhang P**
 20066797, Page 51
 20068944, Page 45
 20068948, Page 45
- Zhang X**
 20067618, Page 26

Author Index

Zhang Y

20067854, Page 45
20068640, Page 13

Zhao G

20067613, Page 22

Zhao W

20067911, Page 17

Zheng L

20065348, Page 25
20066120, Page 18
20066895, Page 27
20067618, Page 26

Zheng Y

20067404, Page 14
20067850, Page 46
20067868, Page 43

20068096, Page 27

Zhou C

20067854, Page 45
20067862, Page 46

Zhou G

20066316, Page 27
20068097, Page 27

Zhou L

20068041, Page 26

Zhu D

20068950, Page 10

Zhuang E

20068549, Page 11

Zhuang Z

20067403, Page 23

20067797, Page 3

20067973, Page 64
20068407, Page 17

Zilversmit Pao L

20067360, Page 20

Zimmerman SM

20067194, Page 28

Zivadinovic N

20067256, Page 28

Zota AR

20068887, Page 23

Zucki F

20067760, Page 17
20068263, Page 21

Zuverza-Mena N

20067904, Page 12

Zwack LM

20068482, Page 59

Zwezdaryk KJ

20066659, Page 7

Zychowski K

20064411, Page 27

National Occupational Research Agenda (NORA) Index

Agriculture Forestry and Fishing

20067193, Page 7
20067655, Page 11
20067910, Page 13

Construction

20065348, Page 25
20065795, Page 16
20066004, Page 15
20066120, Page 18
20066167, Page 24
20066392, Page 16
20066696, Page 6
20066841, Page 15
20066873, Page 21
20066889, Page 35
20066895, Page 27
20066919, Page 27
20066921, Page 17
20066923, Page 6
20066991, Page 62
20067081, Page 62
20067082, Page 62
20067086, Page 19
20067105, Page 36
20067192, Page 8
20067228, Page 50
20067233, Page 49
20067241, Page 63
20067309, Page 16
20067317, Page 8
20067397, Page 36
20067400, Page 9
20067454, Page 14
20067455, Page 21
20067535, Page 64
20067573, Page 47
20067740, Page 37
20067778, Page 29
20068031, Page 64
20068037, Page 7
20068097, Page 27
20068141, Page 4
20068154, Page 27
20068274, Page 60
20068298, Page 23
20068482, Page 59
20068508, Page 64
20068562, Page 38
20068594, Page 12
20068603, Page 44
20068610, Page 49
20068612, Page 39
20068638, Page 18
20068720, Page 26
20068745, Page 53
20068767, Page 23
20069058, Page 15
20069061, Page 16

Healthcare and Social Assistance

20066671, Page 2
20066680, Page 18
20066696, Page 6
20066824, Page 61
20066839, Page 18
20066862, Page 61
20066883, Page 61
20066924, Page 15
20066991, Page 62
20067059, Page 34
20067116, Page 36
20067146, Page 12
20067183, Page 62
20067403, Page 23
20067405, Page 11
20067451, Page 10
20067524, Page 12
20067525, Page 12
20067566, Page 10
20067618, Page 26
20067973, Page 64
20068407, Page 17
20068463, Page 12
20068499, Page 7
20068549, Page 11
20068746, Page 31
20068950, Page 10

Manufacturing

20064411, Page 27
20065261, Page 5
20065795, Page 16
20066166, Page 61
20066167, Page 24
20066392, Page 16
20066406, Page 27
20066455, Page 25
20066680, Page 18
20066889, Page 35
20066893, Page 62
20066895, Page 27
20066919, Page 27
20066923, Page 6
20066935, Page 18
20067000, Page 20
20067081, Page 62
20067082, Page 62
20067105, Page 36
20067192, Page 8
20067212, Page 51
20067216, Page 51
20067221, Page 50
20067223, Page 47
20067227, Page 50
20067230, Page 49
20067232, Page 50
20067234, Page 49
20067235, Page 48
20067308, Page 63
20067317, Page 8

20067402, Page 63
20067455, Page 21
20067456, Page 63
20067664, Page 5
20067676, Page 6
20067708, Page 12
20067711, Page 1
20067759, Page 8
20067860, Page 13
20067861, Page 7
20067869, Page 64
20067913, Page 19
20067915, Page 22
20067999, Page 8
20068043, Page 29
20068154, Page 27
20068201, Page 26
20068508, Page 64
20068562, Page 38
20068610, Page 49
20068611, Page 49
20068653, Page 43
20068657, Page 42
20068663, Page 48
20068664, Page 48
20068701, Page 13
20068745, Page 53
20068749, Page 39
20068758, Page 65
20068848, Page 65
20068853, Page 65
20068890, Page 14
20069118, Page 5
20069140, Page 29
20069160, Page 44

Mining

20066347, Page 9
20066604, Page 10
20066797, Page 51
20066805, Page 1
20066806, Page 13
20066872, Page 17
20067024, Page 35
20067061, Page 32
20067065, Page 31
20067087, Page 7
20067170, Page 36
20067192, Page 8
20067222, Page 48
20067522, Page 20
20067782, Page 2
20067848, Page 43
20067849, Page 42
20067850, Page 46
20067851, Page 45
20067852, Page 42
20067853, Page 42
20067854, Page 45
20067855, Page 45
20067856, Page 41
20067857, Page 41

20067858, Page 44
20067862, Page 46
20067864, Page 42
20067867, Page 41
20067868, Page 43
20068031, Page 64
20068041, Page 26
20068096, Page 27
20068116, Page 38
20068139, Page 5
20068227, Page 64
20068648, Page 43
20068649, Page 43
20068650, Page 42
20068651, Page 45
20068652, Page 41
20068817, Page 41
20068946, Page 43
20068947, Page 42
20068985, Page 23
20069072, Page 2

Oil and Gas Extraction

20066615, Page 61
20066671, Page 2
20066883, Page 61
20066920, Page 62
20067030, Page 1
20067183, Page 62
20067863, Page 21
20068232, Page 24
20068554, Page 1
20068641, Page 7
20068944, Page 45
20068945, Page 43
20068948, Page 45

Public Safety

20062861, Page 11
20066294, Page 1
20066404, Page 22
20066455, Page 25
20066523, Page 11
20066617, Page 4
20066680, Page 18
20066744, Page 9
20066746, Page 57
20066932, Page 58
20066936, Page 25
20067014, Page 32
20067015, Page 32
20067016, Page 32
20067046, Page 35
20067059, Page 34
20067067, Page 32
20067068, Page 33
20067116, Page 36
20067120, Page 10
20067140, Page 32
20067141, Page 33
20067142, Page 33
20067143, Page 33
20067144, Page 33

20067145, Page 33
20067146, Page 12
20067164, Page 58
20067165, Page 58
20067208, Page 47
20067209, Page 47
20067215, Page 51
20067216, Page 51
20067402, Page 63
20067464, Page 31
20067524, Page 12
20067525, Page 12
20067562, Page 57
20067563, Page 57
20067748, Page 8
20067912, Page 16
20067929, Page 11
20068022, Page 32
20068023, Page 33
20068024, Page 33

20068025, Page 33
20068082, Page 35
20068243, Page 18
20068402, Page 58
20068437, Page 38
20068460, Page 38
20068463, Page 12
20068524, Page 36
20068532, Page 38
20068565, Page 24
20068797, Page 57
20068800, Page 57
20068801, Page 58
20068821, Page 2
20069033, Page 11
20069055, Page 58

Services

20062991, Page 17
20066004, Page 15
20066379, Page 24

20066873, Page 21
20066923, Page 6
20066998, Page 9
20067083, Page 35
20067307, Page 18
20067315, Page 4
20067342, Page 19
20067397, Page 36
20067409, Page 31
20067410, Page 31
20067455, Page 21
20067749, Page 20
20068000, Page 16
20068141, Page 4
20068218, Page 35
20068243, Page 18
20068273, Page 60
20068274, Page 60
20068482, Page 59
20068562, Page 38

20068598, Page 59
20068616, Page 5
20068658, Page 39
20068668, Page 47
20068712, Page 59
20068764, Page 22
20068863, Page 60

**Transportation, Warehousing
and Utilities**

20066408, Page 3
20067451, Page 10
20067478, Page 63
20067479, Page 17
20068746, Page 31

Wholesale and Retail Trade

20066998, Page 9

This page intentionally left blank.



**Promoting productive workplaces through
safety and health research**

**DHHS (NIOSH) Publication No. 2024-113
DOI: <https://doi.org/10.26616/NIOSHPUB2024113>**