

Disclaimer

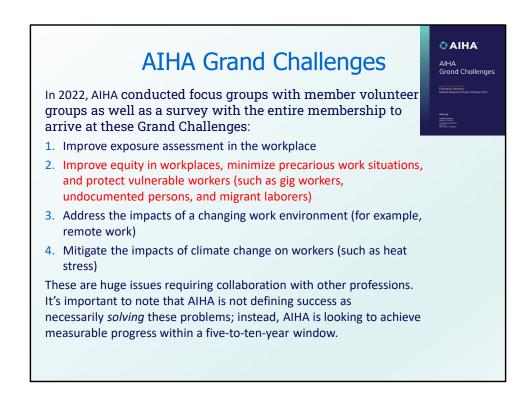
The information included in this presentation represents my own research on the topic of Child Labor in the U.S. and does not represent the positions of either the AIHA or the AIHA Workplace Teen Health and Safety Committee.

Agenda

- 1. CA Partnership for Young Worker Safety /Labor Occupational Health Program and the California Industrial Hygiene Council activities
- 2. AIHA Grand Challenges
- 3. History of Child Labor Laws in the United States and Legal Framework
- 4. U.S. Fair Labor Standards Act and WHO/ILO Child Labor and Hazardous Work Definitions
- 5. Media Attention
- 6. AIHA DRAFT White Paper
- 7. Benefits of Child Labor
- 8. Health and Safety Risks and Consequences
- 9. Injury and Illness Data Summary
- 10. Industry Specific Data and Observations
- 11.Current State and Federal Legislation/Regulations
- 12. Public Health Strategies for Protecting Young Workers
- 13.Conclusions
- 14.References







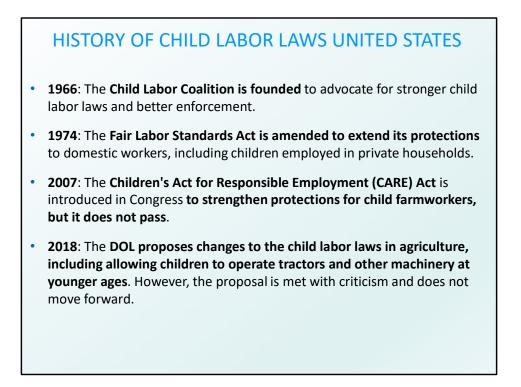
Reference: Grand Challenges | AIHA





HISTORY OF U.S. CHILD LABOR LAWS

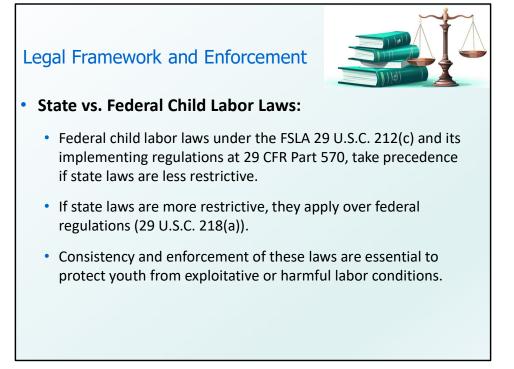
- **1836**: Massachusetts becomes the first state to enact a law restricting child labor, limiting the working hours for children under **15** in factories to **10** hours a day.
- **1916**: Congress passes the **Keating-Owen Act**, which prohibits the interstate shipment of goods produced by child labor. However, the Supreme Court declares the act unconstitutional in 1918.
- 1938: The Fair Labor Standards Act (FLSA) is passed by Congress. It sets a minimum wage, establishes overtime pay, regulates child labor, and mandates recordkeeping. The FLSA prohibits most employment of minors under 16 during school hours and in hazardous occupations.
- **1941**: The United States enters World War II, leading to increased demand for labor. **Child labor laws are relaxed to allow teenagers to work in support of the war effort.**



This timeline highlights the progression of child labor laws in the United States, from the early attempts to regulate wages, hours and working conditions to the ongoing efforts to protect the rights and well-being of young workers.

Fair Labor Standards Act (FLSA)

- The FSLA defines child labor as the employment of minors under the age of 18 in certain circumstances:
 - Minimum age The minimum age for non-agricultural work is 14 years old.
 - Hours There are restrictions on the number of hours that minors under 16 can work.
 - **Hazardous occupations** Minors under 18 are prohibited from working in any occupation that is considered hazardous.
 - **Morals and welfare** Minors cannot be placed in a working situation that may jeopardize their morals or welfare.
- The FLSA's child labor provisions are designed to:
 - Protect the educational opportunities of youth
 - Prohibit employment in jobs that are detrimental to their health and safety



US. Law vs WHO/ILO Principles

 The United States is a member of the ILO and is generally considered to be in good standing. The U.S. has incorporated the ILO's fundamental principles into its labor laws and enforces them. The U.S. has also ratified some ILO conventions, including Convention 182, which prohibits the worst forms of child labor.

WHO/ILO Child Labor Definition



- Any work that deprives children of their childhood, their potential, and their dignity, and that is harmful to their physical and mental development. It refers to work that is mentally, physically, socially, or morally dangerous and harmful to children, or work that interferes with their schooling.
- The UN Convention on the Rights of a Child, Article 1 defines a child as a "human being under the age of 18".
- The UN defines child labor as "work that is inappropriate for a child's age, affects children's education, or is likely to harm their health, safety or morals."
- The ILO defines child labor as children doing work that is dangerous or unsuitable for them. It can depend on the child's age, the hours and type of work and the conditions in which the work is performed. Not all work performed by children under 18 is considered child labor.

U.S. FLSA Hazardous Work Definition

- The FLSA defines hazardous work as work that could harm the health, safety, or morals of children:
- Hazardous Occupations Orders (HOs) identify hazardous occupations, including:
 - HO 1: Manufacturing or storing explosives
 - HO 2: Motor vehicle operations
 - HO 3: Coal mine occupations
 - HO 4: Forestry occupations, logging, and sawmilling
 - HO 5: Power-driven woodworking machines
 - HO 6: Exposure to radioactive substances
- Youth employment provisions ensure that young people's work does not jeopardize their health, well-being, or educational opportunities.
- Other hazardous jobs:
 - · Manufacturing, processing, and mining occupations
 - Communications or public utilities jobs
 - Construction or repair jobs
 - · Operating or assisting in operating power-driven machinery or hoisting apparatus

ILO Hazardous Work Defined



- Includes physical, psychological, or sexual abuse; working in confined or dangerous environments (e.g., underground, underwater, or at heights).
- Tasks involve dangerous tools, heavy loads, exposure to chemicals, noise, UV radiation, extreme temperatures, or vibrations.
- Long hours, shift work, or night work are also classified as hazardous under ILO guidelines.

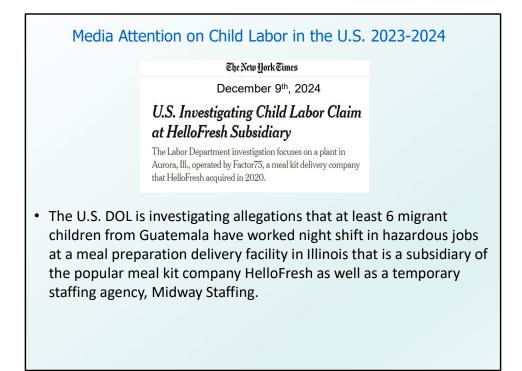


- 1, PBS Newshour 4/18/23 Iowa bill to loosen child labor laws
- 2. PBS Newshour 5/3/23 McDonalds fined for child labor violations
- 3. 60 Minutes 5/8/23 The Ancient Atrocity

4. PBS Newshour 5/25/23 – Lawmakers propose loosening child labor laws to fill worker shortages



- 1. PBS Newshour 6/3/23 Why several states are pushing to loosen child labor restrictions
- 2. NYT 9/18/23 The kids on the night shift
- 3. PBS Newshour 1/1/24 How Child Migrants are put to work in Unsafe and Illegal Conditions
- 4. NYT 2/7/24 Confronted with Child Labor in the U.S. Companies move to crack down





1/16/25: Meatpacking Companies to Pay \$8 Million for U.S. Child Labor Violations

Perdue Farms and JBS have settled with the Labor Department after relying on migrant children to do dangerous work in their slaughterhouses. Most of the money will be used to help the children.

Perdue Farms and JBS, two of the country's biggest meatpackers, will pay a combined \$8 million after the Department of Labor found the companies relied for years on migrant children to work in their slaughterhouses.

The deals, announced this week, are part of a flurry of child labor settlements that have come in the last days of the Biden administration, which has been cracking down on the practice.

It is rare for major brands to come under federal scrutiny for child labor. Many foodprocessing and manufacturing companies outsource cleaning and other jobs to <u>third-party</u> <u>staffing firms</u>, which technically employ the workers and shield companies from any violations.

Federal investigators found that children had been working at a Perdue plant on Virginia's Eastern Shore as far back as 2020. The children, who had been hired by a staffing firm, worked late hours and performed dangerous tasks with electric knives and hot sealing tools.

Perdue agreed to pay \$4 million in restitution to the children and to organizations including Kids in Need of Defense, a national nonprofit organization that provides lawyers to young migrants who come to the country alone. Perdue, one of the country's largest poultry processors, will also pay a \$150,000 civil penalty.

In a statement, Perdue said it strongly disagreed that it should be held liable for the child labor violations but wanted to avoid a prolonged dispute with the Labor Department.

JBS, the world's largest meat processor, agreed to pay \$4 million after investigators found that children as young as 13 were working overnight cleaning shifts at its slaughterhouses in states including Colorado, Minnesota and Nebraska. Mostly from Central America, the children were hired through an outside sanitation company. They worked with potent chemicals — sometimes showing up to school with burns — and washed hazardous tools, including head splitters.

The company said the money would be administered by KIND and used to help children with scholarships, stipends, English classes and job training.

JBS said in a statement that it had stopped using staffing agencies to fill its sanitation shifts, and hoped the money would "provide valuable resources" to children in need.

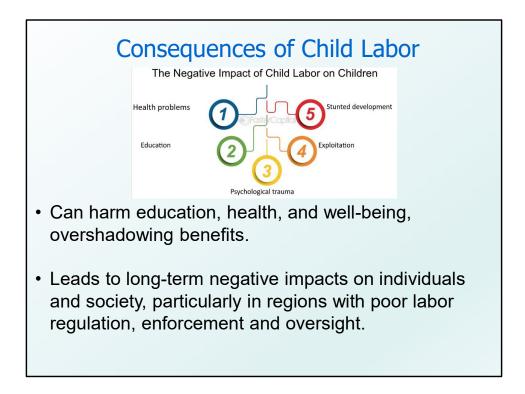


Child Labor in the U.S. Draft AIHA White Paper

- ORAFT
- Initial Draft developed in April 2024 after approval by the Content Portfolio Approval Group (CPAG)
- Draft disseminated for review at the AIHA Connect in Columbus, Ohio in May 2024
- Coordination and participation with the AIHA Government Affairs team (Mark Ames and Riley Cagle)
- Draft is being finalized by members of the AIHA Teen Workplace Health and Safety Committee and the AIHA Social Concerns Committee and other volunteer reviewers.
- Plan to hold AIHA webinar(s) once White Paper is published.

Denefits of Child Labor Positive outcomes: Provides educational and developmental experiences. Promotes independence, self-worth, and satisfaction through work-type activities. Opportunities include household chores, family business contributions, and afterschool jobs as growth experiences. Prepares children for a productive adult life while benefiting family welfare. Career development in the U.S.: Growing interest in Career Technical Education (CTE) and work-based learning. Grants and funding support pre- and youth apprenticeships in industries like manufacturing, IT, cybersecurity, and healthcare. Teen labor participation is at 38% (Bureau of Labor Statistics). Economic and cultural benefits: Provides additional income for impoverished families to meet basic needs.

- Provides additional income for impovensned families to meet basic nee
- Preserves traditional skills and practices in some cultural contexts.
- What are strengths & limitations of an SDS?
- Strengths: more info than a label; should give detailed health info, info on how to protect yourself & what employer should be doing; info on safe storage, emergency response procedures, legal exposure limits.
- Limitations: same chemical could have different SDSs; may be missing info or not updated; may be difficult for ee's to read & understand (esp. if non English speaking).





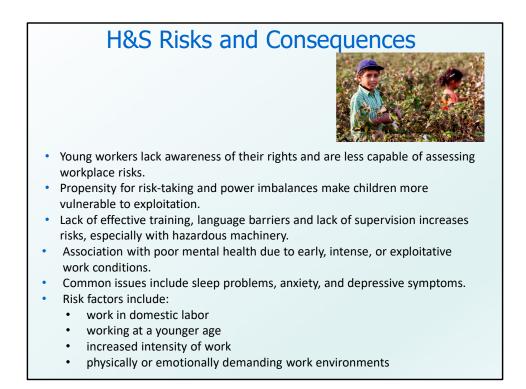
H&S Risks and Consequences



- Child labor may be harmful due to a child's physical, mental, and emotional development and inexperience.
- Hazardous tasks, like lifting heavy objects, over-exertion and repetitive motion may put children at higher risk of musculoskeletal injuries.
- Children are more vulnerable to toxic chemical exposures such as neurological toxins and endocrine disruptors due to immature immune systems and different metabolic responses, with higher absorption rates leading to severe health issues (e.g., cancer, neurological damage).
- Many safety standards and exposure limits are based on fully developed adults, making it difficult to establish safe thresholds for children.
- Personal Protective Equipment is often not available, improperly sized or intended for use by children, leaving them unprotected.







Interference with Education & Development and Dignity Concerns



- Work often disrupts school attendance and engagement (e.g., arriving late, missing assignments).
- Heavy workloads can cause sleep disruptions, poor focus, and increased school dropout rates.
- Adolescents working over 20 hours a week are at higher risk of educational setbacks, perpetuating cycles of poverty.
- Child labor is strongly linked to emotional immaturity, which can manifest as low self-esteem, isolation, anxiety, and mood disorders, as children who are forced to work often lack the necessary support and developmental experiences to manage their emotions healthily, leading to significant psychological impacts

Economic Consequences of Child Labor Mismanaged child labor reduces educational attainment, limiting lifetime earnings: Non-high school graduates earn \$372,000 less over their lifetime than high school diploma/GED holders. High school diploma/GED holders earn \$310,000 less than individuals with some college education.

- Debilitating injuries caused by unsafe child labor can result in lifetime earning losses of over \$1.2 million, in addition to long-term care costs that strain family, community, and federal resources.
- An educated workforce is a national asset, contributing to economic growth and global competitiveness.
- Ensuring child labor does not interfere with education is critical for national development and reducing socioeconomic inequalities.



Industrial Sectors With High Use of Child Labor

According to David Weill, a researcher at Harvard University, child labor in the U.S. is a persistent problem in several industry sectors:

- Agricultural industry
- Meat and Poultry processing facilities
- Food processing
- Grocery and Fast Food
- Automobile manufacturing supply chains have shown Increases of use of child labor.
- Service providers are provided with child labor through local labor brokers and local staffing agencies





Illegal Child Labor in Food Processing and Agriculture-Adjacent Industries



Smithfield Foods to Pay \$2M After Child Labor Allegations

- Increasing discoveries of illegal child labor, primarily among child migrants, in industries such as meatpacking, crop processing, and packaged food production.
- A study by U.S. DOL in 2022 found 100 children working in 13 facilities, including kill floors of meat processors, exposed to hazardous chemicals and equipment.
 - George's Inc (AR) (4), Tyson Foods (AR/TN)(11), JBS Foods (CO/MN)(53), Maple Leaf Farms (IN) (2), Turkey Valley Farms (MN)(2), Buckhead Meat of MN (1), Gibbon Packing Co (NE)(1), Greater Omaha Packing Co (NE)(5)

Undocumented Migrant Labor and Small Farm Exemption:



- Undocumented Workers and Regulation Loopholes:
 - Undocumented migrant child and adult workers are often unreported, falling outside the purview of regulatory enforcement (e.g., OSHA's "small farm exemption" for farms with fewer than 10 non-family employees).
 - Rapidly increasing numbers of unaccompanied child migrants enter industries such as food production, hospitality, construction, sanitization, and agriculture.
- Challenges in Enforcement:
 - Migrant and undocumented laborers, especially children, face heightened vulnerability due to limited protections and oversight.

Food Processing and Agriculture-Adjacent Industries

• High Risk for Injuries:

- Both legal and illegal child laborers, whether migrant or domestic, face significant risks in agriculture and processing industries.
- Most injuries stem from the use of tractors, ATVs, and other motorized machinery, and incidents with animals or humans.
- Nearly 30% of farm-working children report operating vehicles like tractors, combines, and ATVs.
- Up to 88% of agricultural injuries and illnesses are not reported, significantly underestimating the scope of the issue.
- Fatality Rates:
 - Fatality risk for young agricultural workers is 4X higher than their peers in other industries.
 - Young workers' fatality rates in agriculture are 3X higher than those of adult private sector workers.



No, it is not necessarily a violation of the Federal Fair Labor Standards Act (FLSA) for Wisconsin to allow children as young as 12 to operate motorized farm equipment on public roads with certification, as the FLSA permits children 12 and 13 to work in non-hazardous agricultural jobs on a farm with parental consent, and states can often set stricter child labor laws than the federal minimum; however, the specific details of the certification program and the type of equipment being operated are important considerations.

Key points about FLSA and child labor in agriculture:

•Age 12-13:

•Children in this age range can work in non-hazardous agricultural jobs on a farm with written parental consent.

•State regulations:

•States can set stricter child labor regulations than the federal government, meaning Wisconsin could legally allow 12-year-olds to operate farm equipment with proper

certification, even if the FLSA doesn't explicitly address it.

•Hazardous activities:

•The FLSA does prohibit children under 16 from performing certain hazardous agricultural tasks, such as operating large tractors or power-driven machinery.

Important factors to consider:

•Certification requirements:

•The specific training and certification program in Wisconsin must ensure that 12-year-olds are adequately prepared to safely operate farm equipment on public roads.

•Type of equipment:

•The FLSA may have different restrictions depending on the size and complexity of the farm machinery.

Food Processing and Agriculture-Adjacent Industries

- Physical Dangers:
 - Risks include falls from heights, working in unprotected areas (e.g., silos, drainage ditches), and injuries from heavy loads.
 - Heat stress is a significant concern, as children struggle to regulate body temperature effectively.
- Pesticide Exposure:
 - Children under 16 are prohibited from handling Category I and II pesticides but are still exposed during nearby applications.
 - Exposure can cause short-term effects (rash, nausea, vomiting) and long-term chronic health problems (cancer, neurologic disorders, infertility).

Category I is most toxic and category IV is least toxic. Reference: Pesticide bulletin01

•Category 1: The signal word is "DANGER". If the pesticide is toxic by inhalation, oral, or dermal exposure, the word "Poison" must appear in red with a skull and crossbones symbol nearby.

•Category 2: The signal word is "WARNING".

•Category 3: The signal word is "CAUTION".

•Category 4: A signal word is not required, but if one is used, it must be "CAUTION".

Child Labor in the Retail Industry

• Fatality Risks:

• Retail trade ranks 2nd in workplace fatalities for U.S. young workers, with 63% of these fatalities caused by homicide or violent acts.

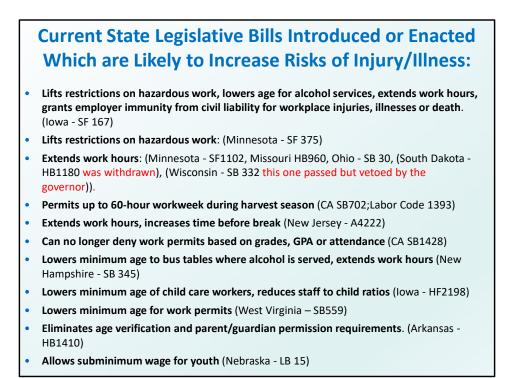
- Primary risk factors include:
 - Handling large sums of cash.
 - Working alone.
 - Late evening or early morning shifts.

• Nonfatal Injuries:

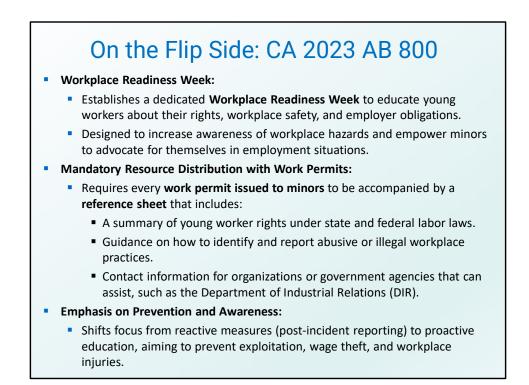
- Over 60% of nonfatal injuries to young workers occur in eating and drinking establishments.
- Common injuries include:
 - Cuts.
 - Burns from hot surfaces or fryer grease.
 - Scrapes

Key Takeaways

- Young workers (<25 years old) have disproportionately higher rates of nonfatal injuries compared to older workers, with the 15– 24 age group experiencing significantly higher rates of Emergency Room treated injuries.
- Fatalities are most commonly linked to transportation incidents and contact with equipment, highlighting the need for focused interventions in high-risk industries.
- Leisure, hospitality, and retail trade sectors pose the greatest risks, emphasizing the importance of targeted safety training and workplace hazard assessments for young workers in these areas.



Foundation for Government Accountability in Naples Florida drafts state template legislation to relax child labor laws.



Impact of AB 800:

1.Empowered Young Workers:

1. By equipping minors with knowledge about their workplace rights, the bill empowers them to recognize violations and advocate for fair treatment.

2.Improved Reporting and Enforcement:

1. Providing clear instructions and resources on reporting bad employers ensures better enforcement of labor laws and helps curb exploitative practices.

3.Reduction in Workplace Injuries and Abuse:

1. Education on workplace hazards and rights could reduce the high injury rates among young workers by fostering safer work environments.

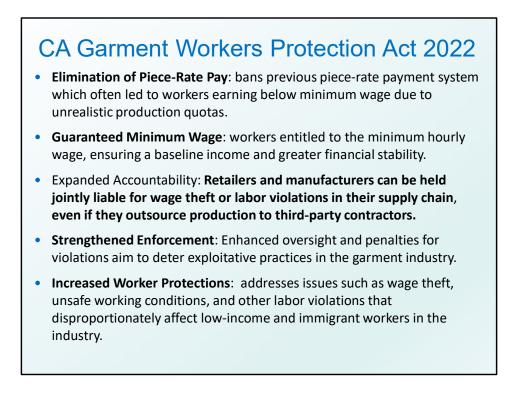
4. Support for Schools and Agencies:

1. Schools and agencies involved in issuing work permits gain a standardized mechanism to educate minors, creating consistency across the state.

Broader Significance:

AB 800 reflects a long-standing goal of organizations like the **Young Worker Partnership** to bridge the knowledge gap for young employees entering the workforce. It builds on California's leadership in youth labor protections and serves as a potential model for other

states to follow.



Impact of the Act:

1.Economic Stability for Workers:

1. By eliminating piece-rate pay, the Act ensures that garment workers can earn a consistent and fair wage for their labor, reducing the financial instability common in the industry.

2. Accountability in the Supply Chain:

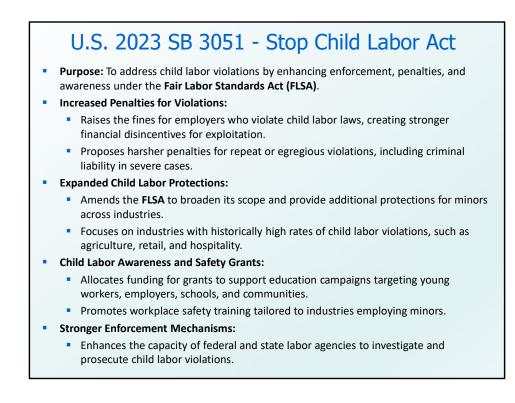
1. Retailers and manufacturers are incentivized to monitor their supply chains more closely, fostering better labor practices throughout the industry.

3.Challenges for Smaller Contractors:

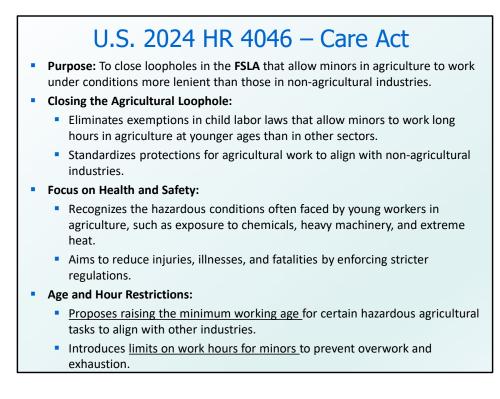
1. While the Act protects workers, smaller contractors may struggle to meet the new wage requirements, potentially leading to industry consolidation.

4. Strengthened Labor Rights Advocacy:

1. The Act serves as a model for labor rights reforms, highlighting California's leadership in promoting fair labor standards.



Senate - 10/17/2023 Read twice and referred to the Committee on Health, Education, Labor, and Pensions



Impact and Significance:

Both bills reflect a growing commitment to safeguarding minors in the workforce and closing gaps in existing labor laws:

1.SB 3051: Stop Child Labor Act would act as a **deterrent** for employers exploiting minors by imposing severe penalties and funding awareness campaigns.

2.HR 4046: CARE Act would directly address the systemic issue of child labor in agriculture, a sector where minors are disproportionately at risk.

If passed, these bills would represent a significant step forward in protecting vulnerable young workers and ensuring fair treatment across all industries. Let me know if you'd like deeper insights into either piece of legislation!

Public Health Strategies for Protecting Young Workers

- Educational Initiatives: Schools can integrate workplace safety education into their curriculum to teach youths about their rights and workplace safety concepts.
 - Free curricula, such as LOHP/NIOSH's *Talking Safety* and AIHA's *Safety Matters*, provide foundational training on:
 - Identifying and addressing workplace hazards.
 - Understanding worker rights and employer responsibilities.
 - Methods for reporting safety concerns.
- State Legislation:
- TX HB2010 (2017): providing workplace safety training information for use in public school curriculum.
- OK Senate Bill No. 262 (2015): to make certain information regarding workplace safety training available to school districts

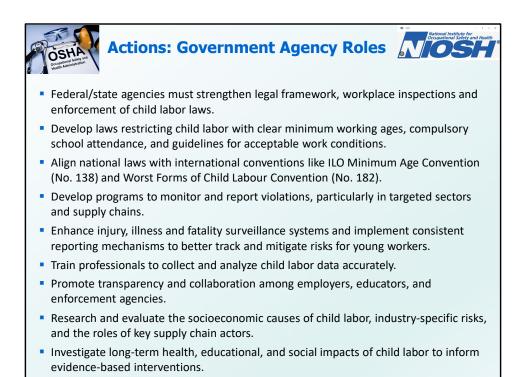


Young Workers: Talking Safety





- Develop targeted, evidence-based safety programs for young workers before they enter the workforce.
- Strengthen workplace safety competencies among youths to reduce injury risks.
- Strengthen access to quality education and vocational training for children to provide alternatives to child labor.
- Educate management, employees, and policymakers about child labor definitions, health risks, consequences, and laws recognizing that standard thresholds for adults may not be applicable.
- Support families through economic assistance programs, reducing their dependence on child labor.
- Promote Corporate Social Responsibility (CSR) programs that prioritize workplace safety and ethical labor practices.
- Encourage labor unions and organizations to advocate for stricter policies, publish white papers, and conduct outreach programs.





- Ensure compliance with safety, health, and child labor laws.
- Provide close supervision and job-specific safety training to young workers.
- Maintain a safe workplace environment and implement effective safety protocols.
- Encourage companies to formalize supply chains, ensure transparency and eliminate reliance on unregulated, informal labor sectors where child labor is prevalent.
- Ensure company compliance with stringent child labor standards and enforce strict no-child-labor policies and integrate child labor assessments into CSR initiatives.
- Collaborate and partner with non-governmental organizations like Save the Children and Global March Against Child Labour to advocate for child rights and eliminate exploitative practices.

Actions: Parental, Community and Health Care Roles





Community and Family Awareness Campaigns

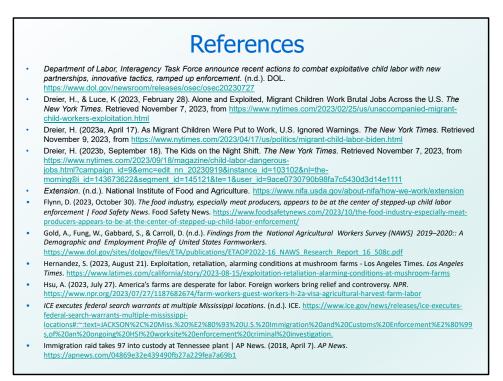
- Train occupational health professionals, health care practitioners, social workers and children to recognize and mitigate child labor risks and implement workplace hazard assessments to eliminate hazardous working conditions.
- Provide accessible resources that outline physical, mental, and social consequences of hazardous work for children.
- Utilize existing tools like the ILO's Global Compact Child Labor Platform to foster cross-industry collaborations and exchange best practices.
- Encourage Sustainable Community Development Address root causes of child labor by improving access to healthcare, food security, and employment opportunities for adults.

Child labor is a multifaceted issue requiring a comprehensive, multi-stakeholder approach. Protecting children presents unique challenges to occupational safety and health (OSH) professionals, requiring broader public health-oriented approaches. Better management of child labor risks and stricter enforcement of laws should be national priorities to safeguard children's education, health, and future economic contributions. By addressing the root causes, strengthening laws, fostering collaboration and raising awareness, society can work toward eliminating the exploitation of children in labor, ensuring their rights to education, safety, and a healthy future.

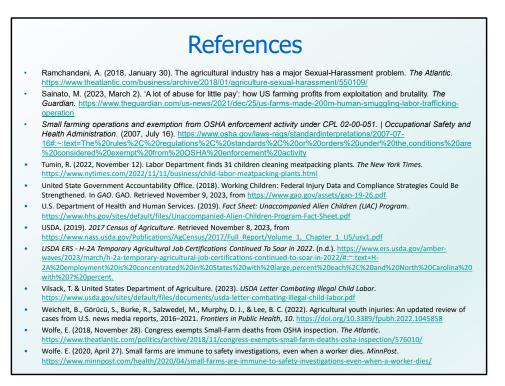
NY Times (https://www.nytimes.com/2023/09/18/magazine/child-labor-dangerous-jobs.html).
NY Times 5https://www.nytimes.com/2024/02/07/us/child-labor-us-companies.html?smid=nytcore-ios-share&referringSource=articleShar PBS Newshour (https://www.pbs.org/newshour/tag/child-labor),
60 Minutes TV segment: (https://www.youtube.com/watch?v=iyT2rT2t2T0) Handbook of Global Occupational Safety and Health Management, Chapter 15: Child Labor, Thomas P. Fuller, ScD, CIH, CSP, MSPH, MBA, Illinois State University
https://www.cdc.gov/niosh/topics/youth/default.html
https://www.cdc.gov/mmwr/volumes/69/wr/mm6935a3.htm
https://www.cdc.gov/niosh/docs/2017-168/
U.S. Bureau of Labor Statistics, 2015 (http://www.bls.gov/cps/cpsaat11b.htm)
NIOSH (http://www.cdc.gov/niosh/topics/youth/)
Health and Safety of Young Workers—Proceedings of a U.S. and Canadian Series of Symposia (http://www.cdc.gov/niosh/docs/2013-144/)
American Industrial Hygiene Association Safety Matters Center (https://www.aiha.org/get-involved/safety-matters-center
National Institute for Occupational Safety and Health. The Employed Labor Force Query System. Morgantown, WV: US Department of Health and Human Services, CDC, National Institute for Occupational Safety and Health; 2020. https://wwwn.cdgov/Wisards/cps/default.aspx
US Government Accountability Office. Working children: federal inquiry data and compliance strategies could be strengthened. Washington, DC: US Government Accountability Office; 2018. <u>https://www.gao.gov/products/GAO-19-26external icon</u>
CDC. Occupational injuries and deaths among younger workers—United States, 1998–2007. MMWR Morb Mortal Wkly Rep 2010;59:449–55. PubMedexternal icon
Koehoorn M, Breslin FC, Xu F. Investigating the longer-term health consequences of work-related injuries among youth. Adolesc Health 2008;43:466–73. CrossRefexternal icon PubMedexternal icon
National Institute for Occupational Safety and Health. Talking safety: teaching young workers about job safety and health Cincinnati, OH: US Department of Health and Human Services, CDC, National Institute for Occupational Safety and Heal 2020. https://www.cdc.gov/niosh/talkingsafety/

	References
·	Hanvold TN, Kines P, Nykänen M, et al. Occupational safety and health among young workers in the Nordic countries: a systematic literature review. Saf Health Work 2019;10:3–20. CrossRefexternal icon PubMedexternal icon
•	Breslin FC, Smith P. Age-related differences in work injuries: a multivariate, population-based study. Am J Ind Med 2005;48:50–6. <u>CrossRefexternal icon PubMedexternal icon</u>
•	Rauscher KJ, Runyan CW, Schulman MD, Bowling JM. US child labor violations in the retail and service industries: findings from a national survey of working adolescents. Am J Public Health 2008;98:1693–9. CrossRefexternal icon PubMedexternation
•	Guerin RJ, Okun AH, Barile JP, Emshoff JG, Ediger MD, Baker DS. Preparing teens to stay safe and healthy on the job: a multilevel evaluation of the Talking Safety curriculum for middle schools and high schools. Prev Sci 2019;20:510–20. <u>CrossRefexternal icon</u> PubMedexternal icon
•	Guerin RJ, Castillo D, Hendricks KJ, Howard J, Piacentino J, Okun AH. Preparing the future workforce for safe and healthy employment. Am J Public Health 2020;110:69–71. CrossRefexternal icon PubMedexternal icon
•	Nonfatal Occupational Injuries to Younger Workers — United States, 2012–2018, <i>Weekly</i> / September 4, 2020 / 69(35);1204–1209, Rebecca J. Guerin, PhD ¹ ; Audrey A. Reichard, MPH ² ; Susan Derk, MA ² ; Kitty J. Hendricks, MA ² ; Lauren M. Menger-Ogle, PhD ¹ ; Andrea H. Okun, DrPH ¹
•	³ Young Worker Injury Deaths: A Historical Summary of Surveillance and Investigative Findings July 2017 KR Perritt, KJ Hendricks, EM Goldcamp
•	Erle Hall is with the Career Technical Education Leadership and Instructional Support Office ICT Industry Sector Lead Child Labor Law & Work Permits WEE WBL Working Minor Safety, 1430 N Street, Suite 4202, Sacramento, CA 95814, Phone: (916) 322-5050). He reported his findings during a California Partnership for Young Worker Health and Safety meeting on May, 11 th , 2023.
•	(https://leginfo.legislature.ca.gov/faces/billStatusClient.xhtml?bill_id=202320240AB640)
•	https://lals.uic.edu/resources/the-campaign-to-end-us-child-labor/
•	Agricultural Operations - Overview Occupational Safety and Health Administration. (n.d.). https://www.osha.gov/agricultural-operations
•	Agricultural Safety NIOSH CDC. (n.da). https://www.cdc.gov/niosh/topics/aginjury/default.html
•	Agriculture and its related industries provide 10.4 percent of U.S. employment. (n.d.). <u>https://www.ers.usda.gov/data-</u> products/chart-gallery/gallery/chart-detail/?chartId=58282

References
Agriculture sectors: crop (NAICS 111) and animal (NAICS 112) US EPA. (2023, March 13). US EPA. https://www.epa.gov/regulatory-information-sector/agriculture-sectors-crop-naics-111-and-animal-naics-112
August, E. B. (2019, August 22). FDA vs. USDA: What's the Difference? - GovLoop. GovLoop. https://www.govloop.com/community/blog/fda-vs-usda-whats-the-difference/
Castillo, F., Mora, A. M., Kayser, G., Vanos, J., Hyland, C., Yang, A. R., & Eskenazi, B. (2021). Environmental health threats to Latino migrant farmworkers. <i>Annual Review of Public Health</i> , 42(1), 257–276. <u>https://doi.org/10.1146/annurev-publihealth-012420-105014</u>
Census of Fatal Occupational Injuries Summary, 2021 - 2021 A01 results. (n.d.). https://www.bls.gov/news.release/cfoi.nr0.htm
Centro de los Derechos del Migrante, Inc. (2020). Ripe for reform: Abuses of agricultural workers in the H-2A visa program. https://cdmigrante.org/wp-content/uploads/2020/04/Ripe-for-Reform.pdf
Che, C. (2023, July 19). Death of 16-Year-Old at Mississippi Poultry Plant Prompts Federal Investigation. The New York Times. Retrieved November 9, 2023, from https://www.nytimes.com/2023/07/19/us/mississippi-poultry-plant-death.html
Cheng, YH., PhD, Nour, M., PhD, Field, B., Ed. D., Ambrose, K., PhD, Sheldon, E., & Purdue University. (2023). 2022 Summary of U.S. Agricultural Confined Space-Related Injuries and Fatalities. <i>Agricultural Safety and Health Program</i> . https://www.purdue.edu/engineering/ABE/agconfinespaces/wp-content/uploads/2023/06/2022-Summary-of-US-Ag- Confined-Space-5-26-23.pdf
Costa, D., Martin, P., Rutledge, Z. (2020). Federal labor standards enforcement in agriculture: Data reveal the biggest violators and raise new questions about how to improve and target efforts to protect farmworkers. (Dec. 15, 2020). Economic Policy Institute. <u>https://www.epi.org/publication/federal-labor-standards-enforcement-in-agriculture-data-reveal</u>
the-biggest-violators-and-raise-new-questions-about-how-to-improve-and-target-efforts-to-protect-farmworkers/ COVID-19 pandemic highlights longstanding health risks facing US farmworkers. (n.d.). Center for a Livable Future. https://clf.jhsph.edu/about-us/news/news-2021/covid-19-pandemic-highlights-longstanding-health-risks-facing-us
Death on the Job, the Toll of Neglect: A National and State-By-State Profile of Worker Safety and Health in the United States. (n.d.). In <i>Perma.cc</i> . AFL-CIO. <u>https://perma.cc/4HUP-NGMT</u>
Dedaj, P. (2018, June 20). ICE raids Ohio meatpacking plant, 146 arrested. Fox News. <u>https://www.foxnews.com/us/ice-raids-ohio-meatpacking-plant-146-arrested</u>



References
Kanno-Youngs, Z. (2021, April 2). Apprehensions at the Border Reach Highest Level in at Least 15 Years. <i>The New York Times</i> . Retrieved November 9, 2023, from https://www.nytimes.com/2021/04/02/us/politics/border-migrant-families-children.html
KSNB Local4. (2022). MSN. https://www.msn.com/en-us/news/world/packers-sanitation-services-in-grand-island-accused of-oppressive-child-labor-violations/ar-AA140Ozu
Levenson, M. (2023, February 20). Packer Sanitation fined for illegally employing more than 100 children, labor officials say. <i>The New York Times</i> . <u>https://www.nytimes.com/2023/02/17/business/child-labor-packers-sanitation.html</u>
Liebman, A. K., Wiggins, M. F., Fraser, C., Levin, J., Sidebottom, J., & Arcury, T. A. (2013). Occupational health policy and immigrant workers in the agriculture, forestry, and fishing sector. <i>American Journal of Industrial Medicine</i> , 56(8), 975–984. https://doi.org/10.1002/ajim.22190
Moyce, S., & Schenker, M. B. (2018). Migrant workers and their occupational health and safety. <i>Annual Review of Public Health</i> , 39(1), 351–365. https://doi.org/10.1146/annurev-publhealth-040617-013714
Nadas, R. & Rathod, J. (2018). Damaged Bodies, Damaged Lives: Immigrant Worker Injuries as Dignity Takings. Chicago Kent Law Review, 92(3), 1155-1184. https://scholarship.kentlaw.iit.edu/cklawreview/vol92/iss3/21
National Children's Center for Rural and Agricultural Health and Safety. (2020). Childhood Agricultural Injuries (U.S.) 2020 Fact Sheet. Retrieved November 9, 2023, from
https://marshfieldresearch.org/Media/Default/NFMC/PDFs/ChildAgInjuryFactsheet2020.pdf
New ACLU Report Shows Fear of Deportation is Deterring Immigrants from Reporting Crimes American Civil Liberties Union. (2018, May 2). American Civil Liberties Union. <u>https://www.aclu.org/press-releases/new-aclu-report-shows-fear-deportation-deterring-immigrants-reporting-crimes</u>
Occupational Pesticide Safety and Health US EPA. (2023, October 3). US EPA. <u>https://www.epa.gov/pesticide-worker-safety</u>
PA, B. & B. (2023, October 26). Small farms exempt from OSHA investigations and penalties. <i>Breslin & Breslin, P.A.</i> https://www.breslinlawyers.com/blog/2020/06/small-farms-exempt-from-osha-investigations-and-
penalties/#:~:text=In%201976%2C%20Congress%20added%20a%20rider%20to%20OSHA%E2%80%99s,when%20ther%20ke%20to%20OSHA%E2%80%99s,when%20ther%20ke%20ke%20ke%20ke%20ke%20ke%20ke%20ke
Passel, J. S., & Cohn, D. (2020, May 30). Size of U.S. unauthoriized immigrant workforce stable after the Great Recessio Pew Research Center's Hispanic Trends Project. https://www.pewresearch.org/hispanic/2016/11/03/size-of-u-s- unauthorized-immigrant-workforce-stable-after-the-great-recession/

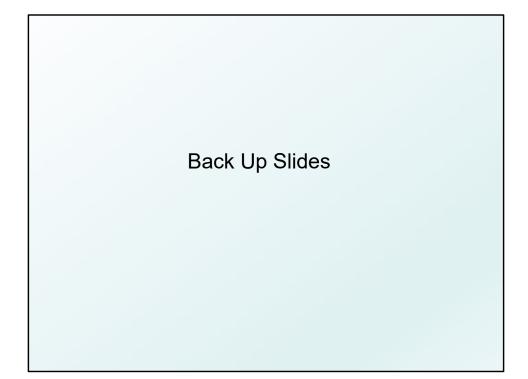




Acknowledgements

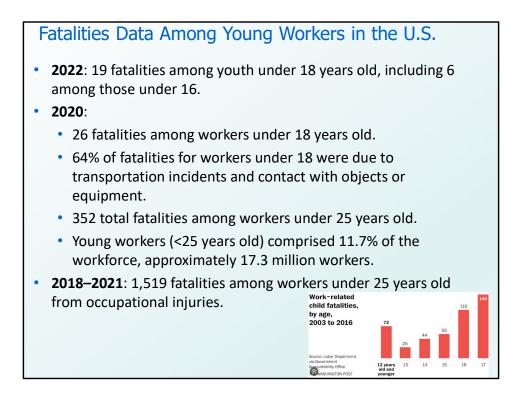
• I'd like to thank Brian Czarnecki, MS CIH and Ariana Hirsh, BS for their reviews and suggested edits to the draft presentation.

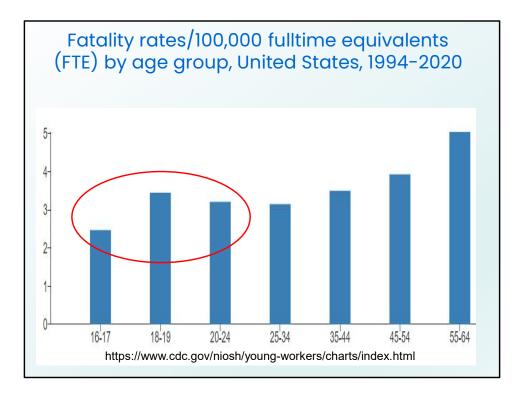


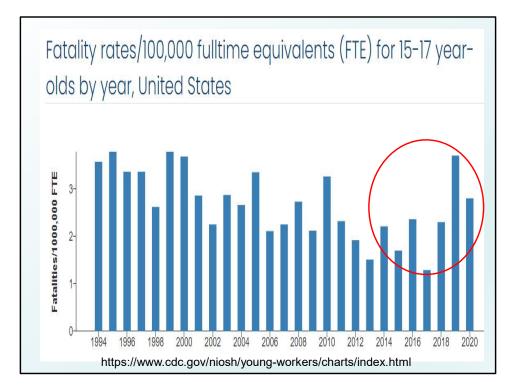


Strategies to Enhance Workplace Health and Safety for Young Workers

- Key initiatives include:
 - integrating workplace safety education into school curricula
 - providing free training resources
 - emphasizing the roles of parents, employers, and government agencies
- Young workers face disproportionate injury risks due to factors including:
 - fast-paced environments
 - lack of experience
 - insufficient training
- To address these challenges, a multi-faceted approach is recommended, including:
 - development of targeted safety programs
 - stronger enforcement of child labor laws
 - > collaboration with unions and other health and safety organizations.
- Emphasize the importance of education and community awareness campaigns to reduce child labor and improve the overall safety and well-being of young workers.



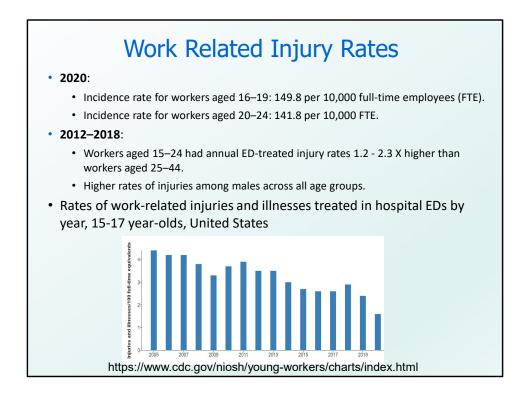


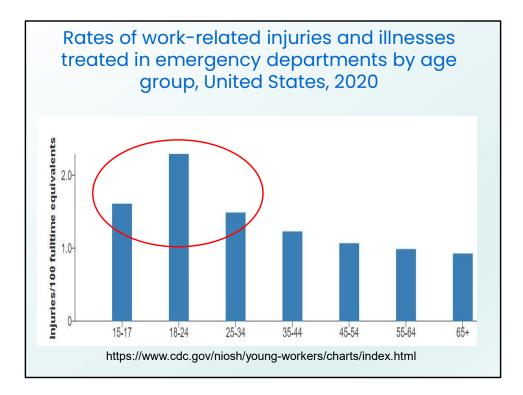


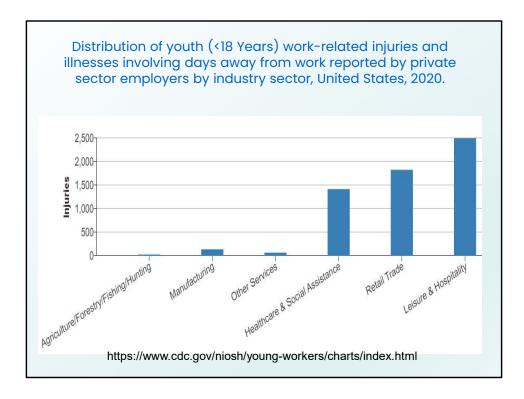
Nonfatal Injuries

There is not a single source of data for nonfatal injuries and illnesses. The following are data from a variety of systems.

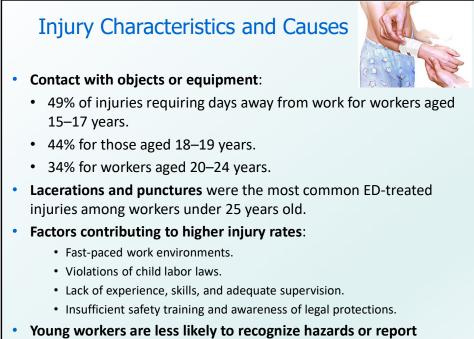
- Emergency Department-Treated Injuries:
 - 2022: 26,900 ED-treated injuries among workers aged 15–17 years.
 - **2012–2018**: 3.2 million ED-treated injuries among workers aged 15–24, with the highest rates in the 18–19 age group.
 - **2020**: Workers aged 15–24 experienced ED-treated injuries at a rate 1.5 times higher than workers aged 25+.
- Injuries Requiring Days Away from Work:
 - 2021–2022: 17,270 cases among workers aged 15–17 years.
 - **2018**: Leisure and hospitality industries accounted for the majority of injuries among 15–17-year-olds requiring time away from work, particularly in accommodations and food services.







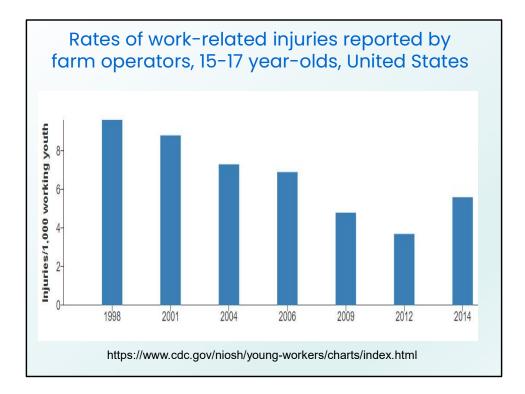
This chart shows employer-reported work-related injuries and illnesses among youth that required at least a day away from work by industry sector in 2020. The industry sector with the largest numbers of injured youth was the leisure and hospitality sector, accounting for 42% of reported injuries and illnesses among youth, with most of these injuries and illnesses in accommodations and food services. The retail trade sector had the second highest frequency with 31% of reported injuries and illnesses among youth.

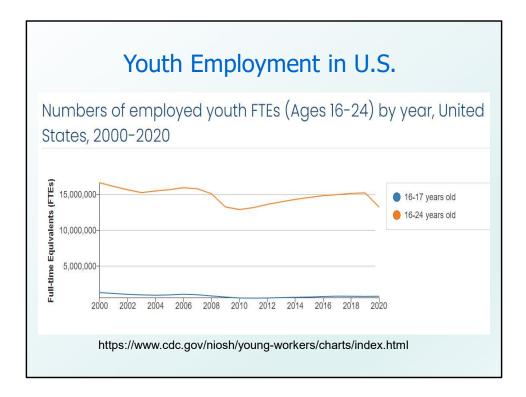


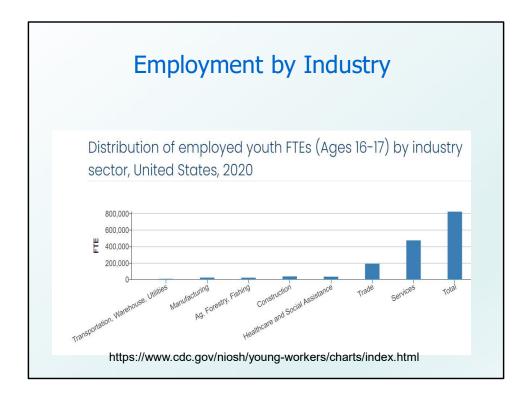
safety concerns.

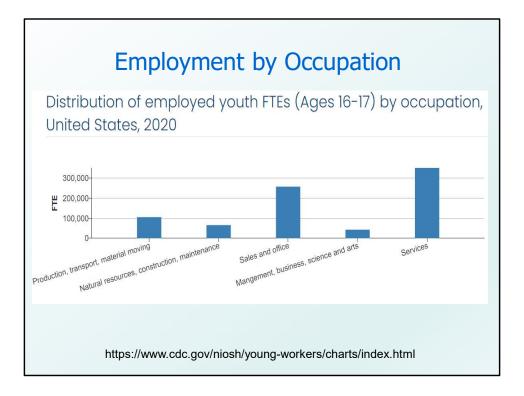


This chart shows the distribution of full-time equivalents (FTEs) for employed youth ages 16-17 years by occupation in 2020.1 Service jobs were the primary occupation for 43% of all youth employment. This was followed by sales and office occupations with 31% of youth employment.









This chart shows the distribution of full time equivalents for employed youth ages 16-17 years by industry sector in 2020. <u>1</u> The industry sector with the largest numbers of employed youth was the services sector, accounting for 58% of all youth employment, mostly in restaurants and other food services. This was followed by trade sector with 24% of youth employment, then construction sector with 5% of youth employment.

Global Aspects of Child Labor

- Causes of Child Labor:
 - Rooted in poverty, lack of education, repression of worker rights, and weak or poorly enforced regulations.

Global Statistics on Child Labor

- 218 million children (ages 5–17) work globally, with 151.6 million classified as child laborers.
- 72.5 million children are engaged in hazardous activities.

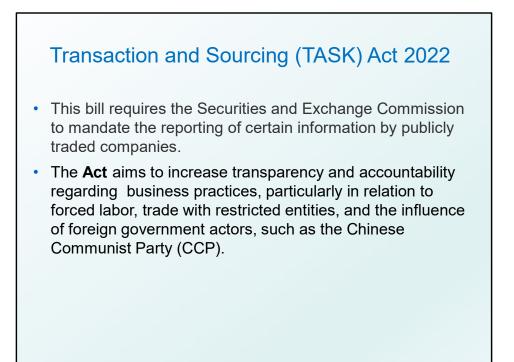


US Conflict Minerals Act 2023

- The U.S. Conflict Minerals Rule, part of the Dodd-Frank Wall Street Reform and Consumer Protection Act, requires companies to disclose if their products contain conflict minerals from the Democratic Republic of the Congo (DRC) or neighboring countries.
- The rule also requires companies to consider other factors, such as human rights, forced labor, and sanctions.

US Slave-Free Certification Act

 Introduced in Senate (02/03/2022) This bill requires businesses with annual revenue greater than \$500 million to audit their supply chains for labor practices or human trafficking activities that violate specified national or international standards and report the results to the Department of Labor.





Significance

1.Enhanced Corporate Accountability:

1. The TASK Act ensures greater corporate responsibility by requiring companies to identify and disclose business practices tied to forced labor and geopolitical risks.

2.Human Rights Focus:

1. Builds on existing U.S. laws and policies targeting forced labor, particularly in Xinjiang, where reports of systematic human rights abuses against Uyghurs have drawn international condemnation.

3.National Security Implications:

1. Highlighting ties to Chinese military-linked entities and CCP involvement seeks to safeguard U.S. interests and curb potential risks associated with Chinese influence over American companies.

4.Consumer and Investor Awareness:

1. Provides investors and consumers with critical information about the ethical and geopolitical implications of corporate sourcing and operations.

Potential Challenges

1. Compliance Burden:

1. Companies will face significant challenges in tracking, auditing, and reporting supply chain practices and political influences in foreign operations.

2.China-U.S. Relations:

1. The Act could exacerbate tensions between the U.S. and China, as it directly targets CCP influence and human rights issues tied to Xinjiang.

3.Enforcement:

 Effective implementation and enforcement by the Securities and Exchange Commission (SEC) will require substantial resources and cooperation from multinational companies.

Broader Context

The TASK Act reflects growing bipartisan concerns in the U.S. regarding:

•The ethical and security implications of U.S.-China trade relations.

•Corporate complicity in human rights abuses and authoritarian influence.

•The need to strengthen supply chain resilience against geopolitical risks.

If enacted, the TASK Act will complement existing legislation addressing forced labor and restricted trade, reinforcing U.S. leadership in promoting ethical and secure business practices.