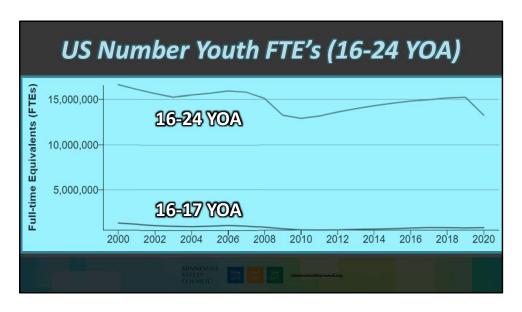






CDC: https://www.cdc.gov/niosh/topics/youth/default.html



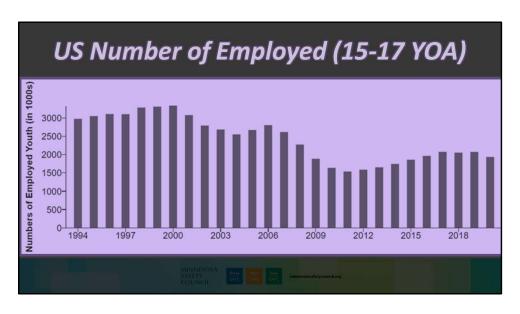
CDC: https://www.cdc.gov/niosh/topics/youth/chtpkgfiga.html



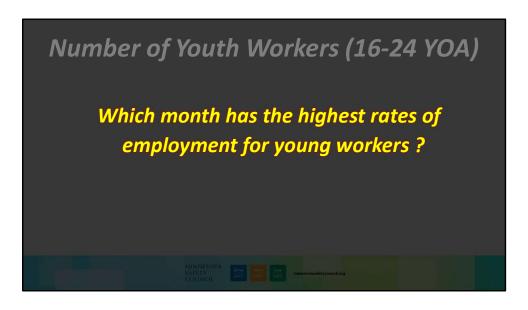
FRED: https://fred.stlouisfed.org/series/LNS11300036



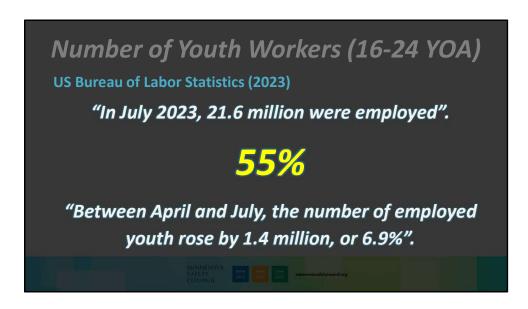
FRED: https://fred.stlouisfed.org/series/LNS11300012



CDC: https://www.cdc.gov/niosh/topics/youth/chtpkgfig2.html



OSHA Letter of Interpretation (September 19, 2023): https://www.osha.gov/laws-regs/standardinterpretations/2023-09-19



BLS: https://www.bls.gov/news.release/pdf/youth.pdf

US Bureau of Labor Statistics - "July 2023 remains below its level of 56.2% in July 2019, prior to the coronavirus pandemic".

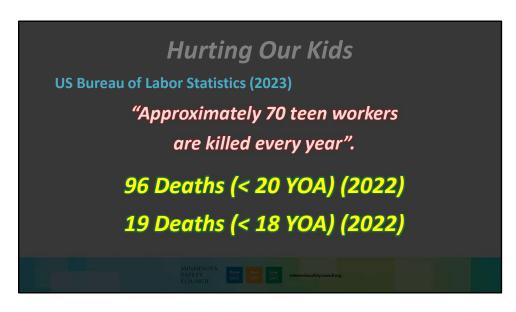
Number of Youth Workers (16-24 YOA) Table 2. Employment of Civilian Population (1000s) (16-24 YOA)				
Employment status, sex, race, and Hispanic or Latino ethnicity	July 2020	July 2021	July 2022	July 2023
TOTAL		West 2017		
Civilian noninstitutional population	37,472	37,250	37,954	39,342
Civilian labor force	21,479	22,522	22,943	23,681
Participation rate	57.3	60.5	60.4	60.2
Employed	17,507	20,268	20,992	21,623
Employment-population ratio	46.7	54.4	55.3	55.0
Unemployed	3,973	2,254	1,951	2,059
Looking for full-time work	2,651	1,697	1,415	1,437
Looking for part-time work	1,321	557	536	621
Unemployment rate	18.5	10.0	8.5	8.7
Not in labor force	15,993	14,728	15,011	15,660
MINNESOTA SAFETY COUNCIL	minnesotasafetyseuncil.org			

BLS: https://www.bls.gov/news.release/youth.t02.htm

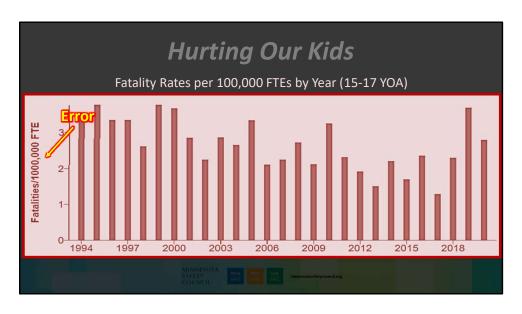


PEW Research Center: https://www.pewresearch.org/short-reads/2022/06/21/after-dropping-in-2020-teen-summer-employment-may-be-poised-to-continue-its-slow-comeback/

- · Retail/Customer Service
- Barista
- · Mowing lawns/landscaping
- Babysitting
- · Tutoring/Coaching
- Lifeguard
- Summer Camp Counselor
- · Graphic design
- · Survey taker

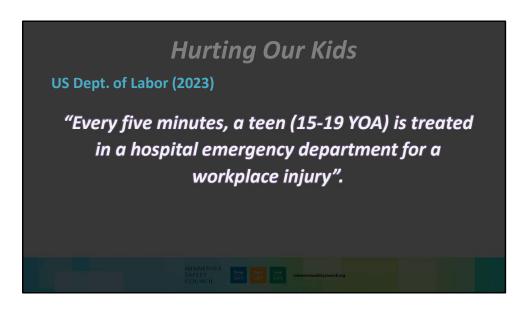


BLS: https://www.bls.gov/news.release/pdf/cfoi.pdf



Generally, fatality rate for youth is not consistently higher or lower compared to overall.

CDC: https://www.cdc.gov/niosh/topics/youth/chtpkgfig7.html CDC: https://www.cdc.gov/niosh/topics/youth/chtpkgfig5.html



BLS: https://www.bls.gov/news.release/pdf/youth.pdf



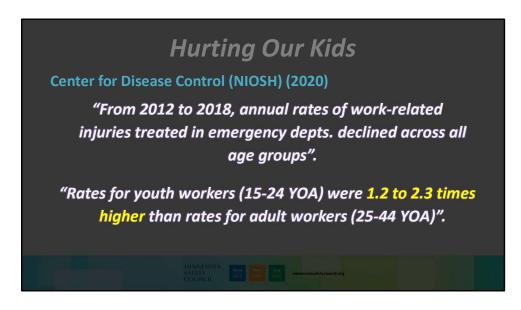
Injury rates are highest in 18-19 YOA workers

CDC: https://www.cdc.gov/niosh/topics/youth/chtpkgfig8.html

BLS: https://www.bls.gov/news.release/pdf/cfoi.pdf



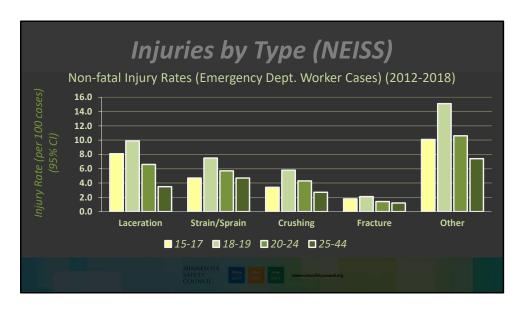
Generally, similar to other age groups, rates of injury are decreasing ...however CDC: https://www.cdc.gov/niosh/topics/youth/chtpkgfig9.html



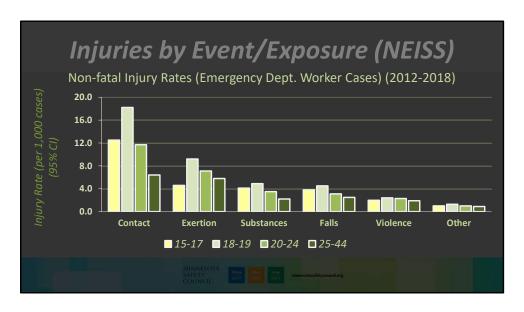
CDC: https://www.cdc.gov/mmwr/volumes/69/wr/mm6935a3.htm



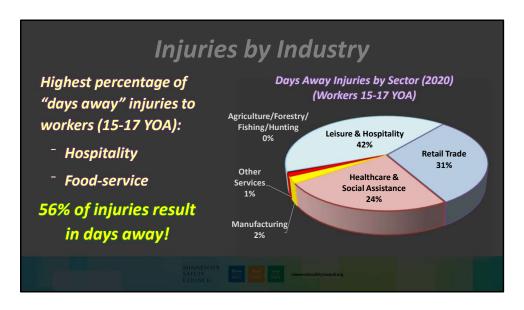
National Electronic Injury Surveillance System (Occupational Supplement) CDC: https://www.cdc.gov/mmwr/volumes/69/wr/mm6935a3.htm



National Electronic Injury Surveillance System (Occupational Supplement) CDC: https://www.cdc.gov/mmwr/volumes/69/wr/mm6935a3.htm



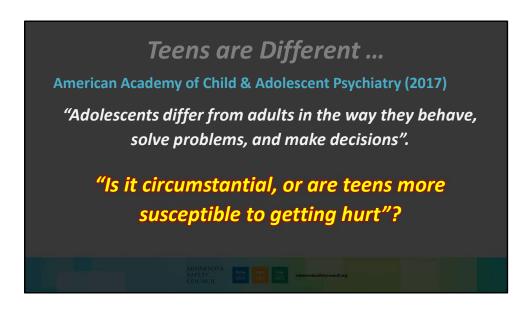
National Electronic Injury Surveillance System (Occupational Supplement) CDC: https://www.cdc.gov/mmwr/volumes/69/wr/mm6935a3.htm



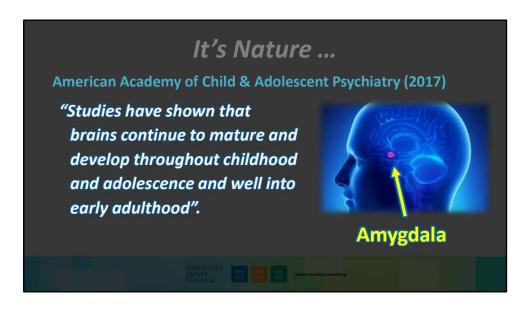
CDC: https://www.cdc.gov/niosh/topics/youth/chtpkgfig10.html US DOL: https://www.dol.gov/agencies/oasp/empowering-teen-workers



https://blogs.cdc.gov/niosh-science-blog/2022/09/07/workplace-violence-indicators/



AACAP: https://www.aacap.org/AACAP/Families_and_Youth/Facts_for_Families/FFF-Guide/The-Teen-Brain-Behavior-Problem-Solving-and-Decision-Making-



Amydgala: Responsible for immediate reactions (e.g. fear; aggression) – Develops early

Corpus Callosum; Cerebellom; Medula Oblongata

AACAP: https://www.aacap.org/AACAP/Families_and_Youth/Facts_for_Families/FFF-Guide/The-Teen-Brain-Behavior-Problem-Solving-and-Decision-Making-



Frontal Lobe: Responsible for reasoning and consequences— Develops later

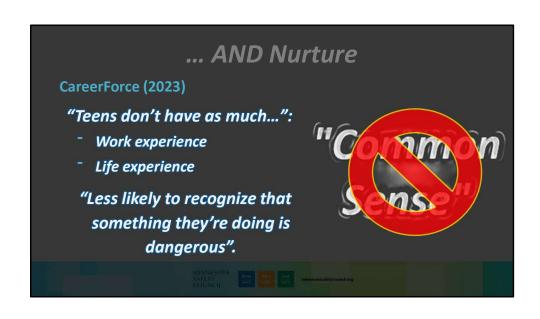
 $AACAP: https://www.aacap.org/AACAP/Families_and_Youth/Facts_for_Families/FFF-Guide/The-Teen-Brain-Behavior-Be$

Problem-Solving-and-Decision-Making-



Myelin: Insulating layer over cells that help communicate

AACAP: https://www.aacap.org/AACAP/Families_and_Youth/Facts_for_Families/FFF-Guide/The-Teen-Brain-Behavior-Problem-Solving-and-Decision-Making-





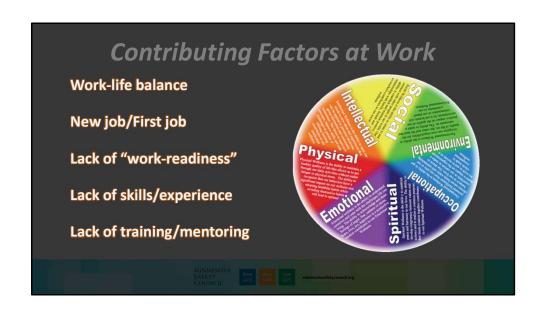
AACAP: https://www.aacap.org/AACAP/Families_and_Youth/Facts_for_Families/FFF-Guide/The-Teen-Brain-Behavior-Problem-Solving-and-Decision-Making-

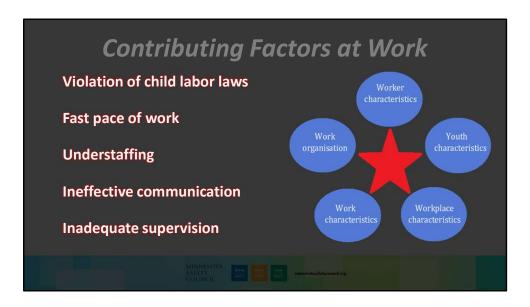
095. aspx #: ``: text = Adolescents % 20 differ % 20 from % 20 adults % 20 in, and % 20 well % 20 into % 20 early % 20 adulthood.



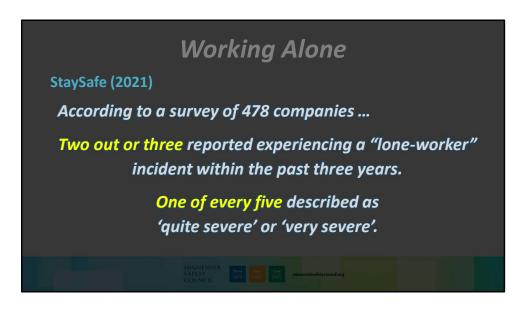
AACAP: https://www.aacap.org/AACAP/Families_and_Youth/Facts_for_Families/FFF-Guide/The-Teen-Brain-Behavior-Problem-Solving-and-Decision-Making-

095. aspx #: ``: text = Adolescents % 20 differ % 20 from % 20 adults % 20 in, and % 20 well % 20 into % 20 early % 20 adulthood.



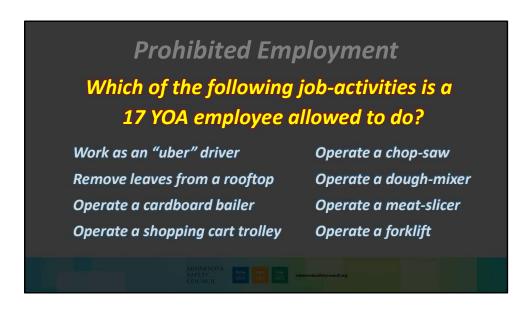


Anne Salmi (Finland): "Factors Contributing to increased occupational health and safety risks of young workers" Research Gate: https://www.researchgate.net/figure/Factors-contributing-to-increased-occupational-health-and-safety-risks-of-young-workers_fig1_263704143



https://staysafeapp.com/resources/the-lone-worker-landscape-report/ 325 Companies 64 Severe





OSHA Letter of Interpretation (September 19, 2023): https://www.osha.gov/laws-regs/standardinterpretations/2023-09-19

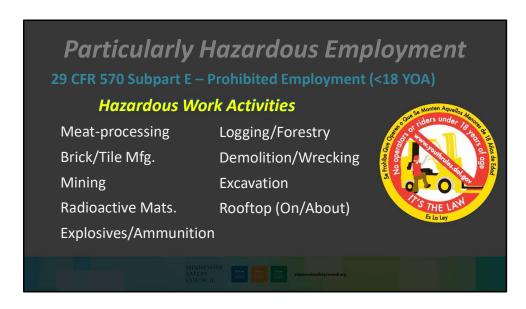


US DOL: https://www.ecfr.gov/current/title-29/subtitle-B/chapter-V/subchapter-A/part-570/subpart-E

NOTE: Specific criteria provided for each

NOTE: Additional restrictions for 14-15 YOA workers NOTE: Differing restrictions for "Agriculture" farming

NOTE: Accommodations for "student-learning", "work-study", "vocational/apprenticeships"



US DOL: https://www.ecfr.gov/current/title-29/subtitle-B/chapter-V/subchapter-A/part-570/subpart-E

NOTE: Specific criteria provided for each

NOTE: Additional restrictions for 14-15 YOA workers NOTE: Differing restrictions for "Agriculture" farming

NOTE: Accommodations for "student-learning", "work-study", "vocational/apprenticeships"



NOTE: Specific criteria provided for each

NOTE: Additional restrictions for 14-15 YOA workers (Minn. Rul. 5200.0920) NOTE: Differing restrictions for "Agriculture" farming (Minn. Rul. 5200.0930)



NOTE: Specific criteria provided for each

NOTE: Additional restrictions for 14-15 YOA workers (Minn. Rul. 5200.0920) NOTE: Differing restrictions for "Agriculture" farming (Minn. Rul. 5200.0930)



NOTE: Specific criteria provided for each

NOTE: Additional restrictions for 14-15 YOA workers (Minn. Rul. 5200.0920) NOTE: Differing restrictions for "Agriculture" farming (Minn. Rul. 5200.0930)



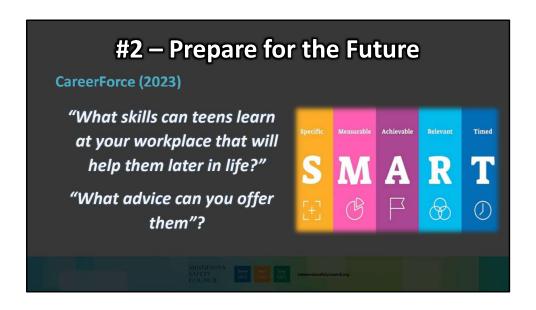
NOTE: Specific criteria provided for each

NOTE: Additional restrictions for 14-15 YOA workers (Minn. Rul. 5200.0920) NOTE: Differing restrictions for "Agriculture" farming (Minn. Rul. 5200.0930)

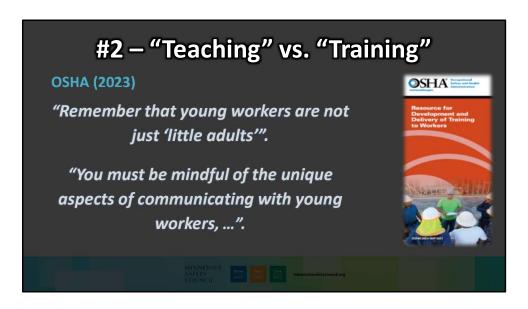




Goals/Skills Inventory



Goals/Skills Inventory



OSHA: https://www.osha.gov/young-workers/employer-responsibilities



OSHA: https://www.osha.gov/young-workers/employer-responsibilities

"Have an adult or experienced young worker answer questions and help the new young worker learn the ropes of a new tob".

CareerForce: https://www.careerforcemn.com/working-teens

*Nothing takes the place of a supervisor spending one-on-one time with a teen worker to make sure they understand what they're supposed to be doing and know they play an important role in the organization

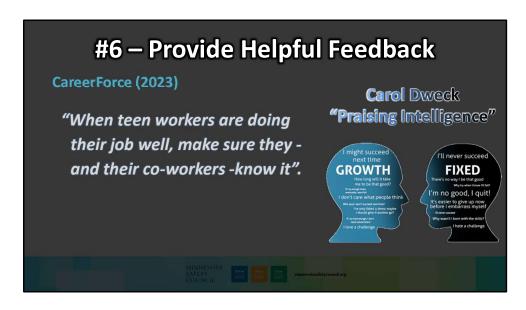


OSHA: https://www.osha.gov/young-workers/employer-responsibilities



OSHA: https://www.osha.gov/young-workers/employer-responsibilities Color-coded uniforms, shirts, vests, hats, hard-hats, ID badges







National Library of Medicine: https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2936460/US DOL: https://www.dol.gov/agencies/whd/youthrules/young-workers



"It takes a village" tree

CDC: https://www.cdc.gov/mmwr/volumes/69/wr/mm6935a3.htm CDC (Youth at Work): https://www.cdc.gov/niosh/talkingsafety/

