



AMERICAN UNIVERSITY  
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# Diamonds, Tin, Copper, and Gold: Impact on DRC Communities

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# Introduction

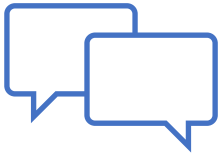


- Disclaimer: Opinions from our team do not represent the views of the Department of Labor or the University of Delaware
- Study on the impact of gold, copper, tin, and diamond mining on host communities
  - Specific focus on women, children, conflict, and governance
  - Research conducted will aid Dept. of Labor's ILAB in their Child Labor Reports
- Jewelry Development Impact (JDI) Index
  - Research will aid UD's Minerals, Materials, and Society Program JDI development

# Methodology



Desktop Research



Interviews

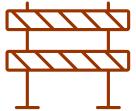


JDI Components

# Limitations



JDI favors formalized sectors



Language barriers



Refusals to be interviewed

# Agenda

1. Diamonds
2. Tin
3. Copper
4. Gold
5. JDI Score
6. Conclusion
7. Q&A





| Diamonds



# Governance

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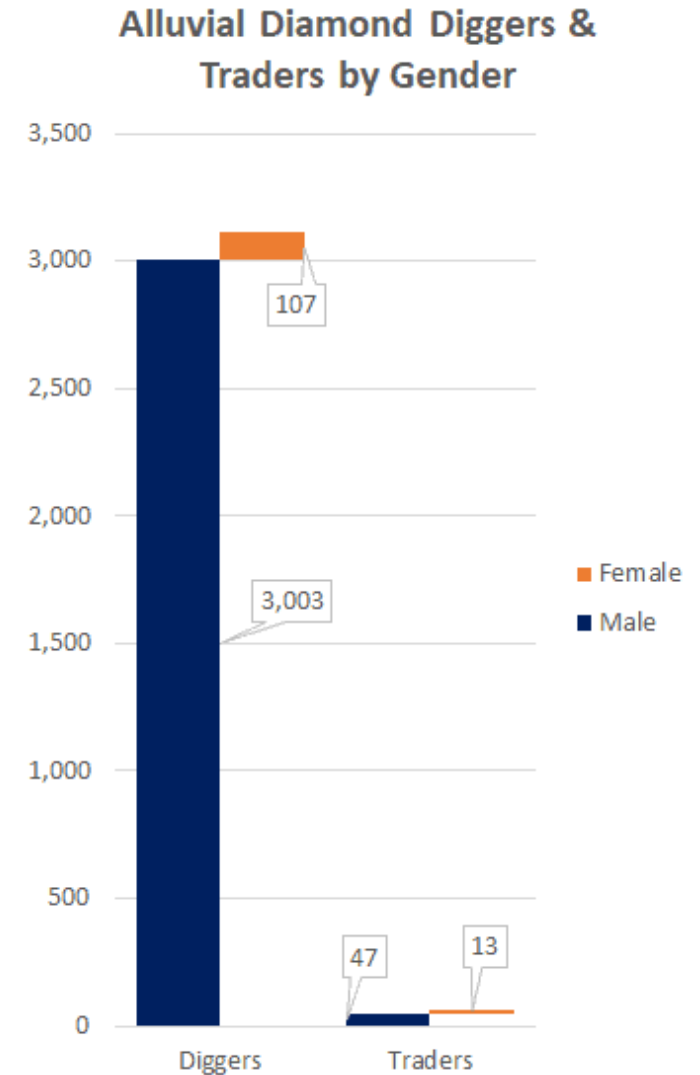
- Extractive Industries Transparency Initiative (EITI)
- Kimberley Process
- International Tin Supply Chain Initiative (ITSCI)
- Mining Code



Source: Kimberley Process

# Women

- Sexual Violence
- Unemployment causing gangs
- No leadership positions or opportunities
- 66% of “Kuluna” gang members are unemployed youths



Source: Diamond Development Initiative



## Children

- 32% of Kasai children are out of school
- Mining is a family affair
- Up to 8,000 children work in artisanal mines
- Forced child labor does exist
  - Orphans are targets

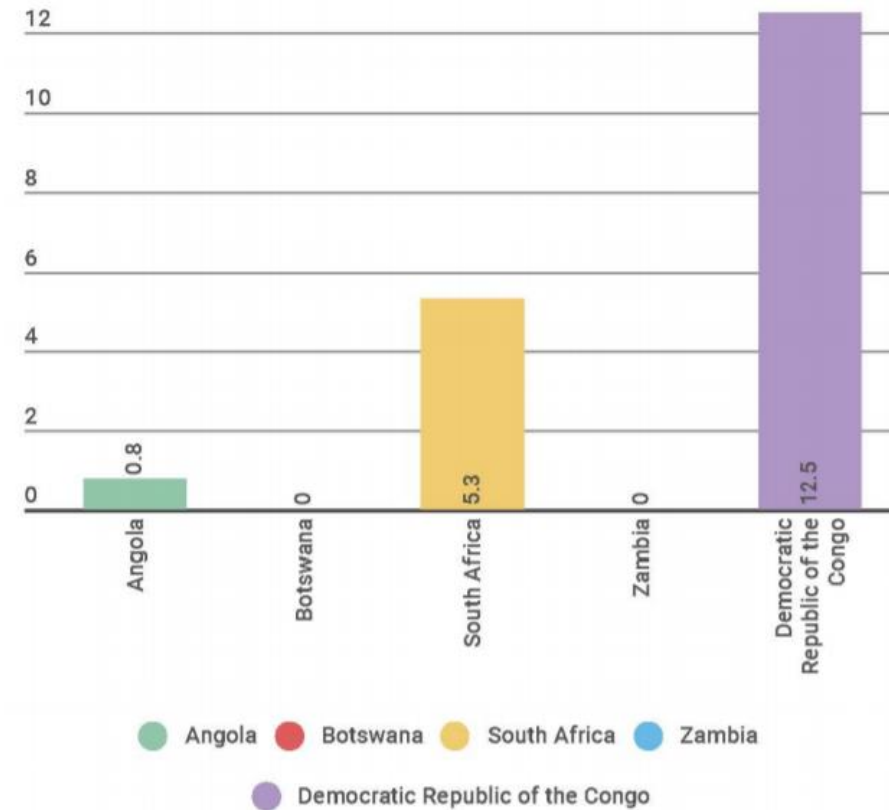


Source: Time Magazine

# Conflict

- 14-20 percent of conflict in diamond mining areas
- Black Ant Militia

Violence by Non-state Actors in Diamond Exporting Countries



Source: Verite





Tin

# Governance

- DRC Government & Alphamin Resources
- Alphamin acquired 100% of Bisie Tin Mine, in deal with DRC government



Source: The Pragmora Institute



# Women

- Women and girls make up significant portions of the artisanal scale mining (ASM) workforce (10-15% in 3T sites)
- Protective laws have not been successful
- 13.7% of women had traded sex for access to work in the mine sites, or other jobs in the mining towns



Source: Al Jazeera



# Children

- At least hundreds of children are forced to work in the Kivu region in the production of cassiterite
- Little to no pay
- Child labor trafficking in Walikale and Masisi



Source: International Tin

# Conflict

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- Rwandan Genocide impact on artisanal cooperatives
- Artisanal cooperatives vs. Alphamin Industrialization



Source: LA Times





Copper |

# Governance

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- Service for Assistance and Organization of Artisanal and Small-Scale Mining (SAESSCOM)
  - Role in supply chain
- Extractive Industries Transparency Initiative (EITI)
- Enterprise Générale du Cobalt (EGC)
  - Cobalt & Copper



Source: Ivanhoe Mines







# Women

- Women in mining
  - Large Scale Mining (LSM)
  - Artisanal Scale Mining (ASM)
- Prostitution





Source: Women's International League for Peace and Freedom

# Children

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- Child Labor
  - Prolific in artisanal scale mining (ASM)
  - Types of jobs performed
  - Health Hazards

# Conflict

- Large scale mining (LSM)
  - Private security
    - 3 types of artisanal scale mining (ASM)
- Government use of force



Source(Clockwise, starting with upper left): The Northern Miner, International Mining, Chambre des Mines, Gloire Monga Nzadi





Gold |



# Governance

- Poor Enforcement of penalties
- Limited reporting of gold
- Obstacles to formalize the informal
- High taxes & bribes
- Lack of incentives to follow regulations
- Unauthorized presence of government officials at gold mines



Source: *The Economist*



# Women

- Limited rights for women in Mining Code
- Variety of roles directly or indirectly related to artisanal scale mining (ASM)
- Less profitable tasks for women
- Prostitution at ASM sites is not directly forced
- Gender based violence is at similar levels to non-mining sites



Source: DW



# Children

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Child labor is often  
voluntary & rarely  
forced

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Common use of  
mercury



Source: France24

# Conflict

- Armed groups control many mines
- Child soldier recruitment indirectly related to ASM
- Child labor in ASM is alternative to joining rebel groups
- In some areas, the dominant ethnic group excludes a different ethnic group from working at sites



Source: *DefenseWeb*

# JDI Scores

## Diamonds

Governance:  
4.52

Human Rights:  
3.53

Overall:  
4.04

## Tin

Governance:  
3.50

Human Rights:  
3.40

Overall:  
3.45

## Copper

Governance:  
3.37

Human Rights:  
3.75

Overall:  
3.55

## Gold

Governance:  
3.77

Human Rights:  
3.61

Overall:  
3.79

# In Conclusion

## Diamonds

- Lack of access to education leads to child labor

## Tin

- Lack of transparency from Canadian Chamber of Commerce & Alphamin Resources

## Copper

- Multi-National Corporations can not guarantee that their supply chain is free from child labor

## Gold

- Government engages in the informal sector to collect illegal taxes & partially regulate ASM

## JDI Recommendations

- Simplify and provide more concise language

We will be taking  
questions and  
comments at this  
time

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