COVID and Artisanal Mining Short Form Survey

Please note that every context may have its own way of referring to the COVID-19 pandemic. People may call it “COVID,” “COVID-19,” “Corona virus,” “the virus” or may have a local name for it. It is important to understand this nuance and to have the person administering the survey use the most easily understood name for the virus as they ask these questions.

Specify the organization the data collector is affiliated with
- A.I.D.D.
- Action Coalition On Climate Change (ACCC)
- Action Mines Guinee
- Afai Consulting BV
- Agere Treasures
- Alliance for Responsible Mining (ARM)
- Artisanal and Small-Scale National Federation Mongolia
- Asomineros Vetas
- Association of Women in Energy and Extractives in Kenya
- Ban Toxics
- Collaborative Efforts to Alleviate Social Problems (CEASOP)
- Centre de Recherche sur l’Environnement, la Démocratie et les Droits de l’Homme (CREDDHO) Programme
- Crown Gems
- Cumbre del Sajama SA
- Diamonds for Peace
- GemFair
- Geological Management Service and Consultancy (GMSC)
- Hatam & Nouri
- Inclusive Finance and Development Associates
- Impact
- NAP.Mineração, University of São Paulo
- Network for Youth and Adult education Advocacy (RAJANO)
- Réseau national des femmes dans les mines (RENAFEM)
- Resources Consulting Services
- Responsible Jewelry Transformative
- Rwanda Women In & And Mining Organization (WIAMO)
- Safer World Foundation
- SRADHA
- Synergy Global Consulting
- University of Surrey
- Women in Mining and Energy Indonesia
- Women’s Right to Education Programme
- Yayasan Tambuhak Sinta
- Zimbabwe Environmental Law Association
- Ziva Community Initiative

Interviewer’s name:

Introduction & Consent:
Hello, my name is _________. I am a [state role, organization]. We are working on a project to better understand the impact of COVID on artisanal mining communities. The results of this work will be put on a website for sharing data on artisanal mining, called "Delve". You can access Delve at www.delvedatabase.org.

You are being asked to participate because you work in this area, and we would like to hear about your experiences. If you are interested in participating, you will be asked survey questions for approximately 20 minutes, and we will not contact you again for follow-up. If you have any questions, please contact [insert data collection partner POC name, appropriate contact information (phone/email)].

Please note that:

- Participation is voluntary. You have the right not to participate, and to stop participating at any time.
- Deciding not to participate, or deciding to leave the study later, will not result in any penalty or loss of benefits to which you are entitled and will not affect your relationship with [insert data collection partner name]
- About 2,500 people from various countries in the world are taking part in the study.
- If I ask any questions that you don't want to answer, let me know. You may decide not to take part in or leave the discussion at any time without any negative consequences.
- All data will be securely stored, and we will never register your name or link your responses to you in any way. Every effort will be made to keep your personal information confidential.
- It is possible will not benefit directly from participation in the study, however, your responses to the questionnaire will help us to understand the impact of COVID in your area, and we hope that this understanding will increase awareness of how mining communities are affected during this pandemic.
- Do you have any questions before we begin?

Do you agree to participate in this survey?
- Yes
- No (if no, skip to end)

1. **Demographic Section**
   1.1. Age [integer] (if under 18, skip to end)
   1.2. Gender
      - Male
      - Female
   1.3. Marital status
      - Single
      - Married
      - Living together as if married
      - Separated/Divorced
      - Widow
   1.4. Country (drop down)
   1.5. Sub-National Region (First level administrative division below country) (fill text)
   1.6. District (or administrative level equivalent) (fill text)
   1.7. I’m reaching out to you because I believe you work in the mining sector: For your work associated with mining, do you work PRIMARILY in/around a mining site, or do you work more generally on mining issues from a town or city?
      - Work in/around a mining site
- Work generally on mining issues from a town or city?
  1.7.1 If work in/around a site ask, how long have you worked at this particular site?
    - More than three years
    - Between one and three years
    - Between six months and one year
    - Less than 6 months
  
  1.7.2 If work in/around a site ask: Does your immediate family live at the mining site with you?
    - They live with me at the mining site
    - They live in a town that is less than 1 day of travel away
    - They live in a town that is more than 1 day of travel away

  1.8. Could you tell me what best describes your PRIMARY role in mining? (select only one)

  **Mine Site Role (Direct: Prospection, Extraction, Processing)**
  - Head of mining team (responsible for on-site management)
  - Miner (digger, extraction-focused laborer)
  - Porter/Transporter (responsible for movement of ore, water, etc.)
  - Processor (Washer, Grinder, Crusher, Panner)
  - Inspector/Advisor (Operations, Health and Safety, Environment)
  - Other, specify

  **Service Provider to Mine Site**
  - Food Vendor (cooks, sells food, water)
  - Seller of Goods
  - Security
  - Transportation Services (Driver)
  - Mining equipment (Rental, sales, servicing equipment, mechanic)
  - Other, specify

  **General Mining Role**
  - Owner of tunnel/pit/hill (license holder)
  - State agent (government-affiliate)
  - Buyer (purchaser of mineral, trader)
  - Exporter (sale of goods out of country)
  - Customary authority
  - Civil Society
  - Non-governmental organization
  - Private Business
  - Other, specify

  1.9 How many years have you worked in the mining sector overall (cumulatively)? PLEASE ROUND TO THE NEAREST NUMBER OF YEARS [years]

  1.10 Is mining your main livelihood activity? [Yes, No]

  1.10.1 What, if any, other livelihood activities are you engaged in? SELECT ALL THAT APPLY
    - No other livelihood activities Agriculture
    - Small business (Trade/Technical Work)
    - Livestock
    - Small business (Services)
    - Other

  1.11 Highest level of education completed
    - No school
    - Primary incomplete
- Primary complete
- Secondary incomplete
- Secondary complete
- Higher than secondary
- Other, specify
- No response

1.12 How many people (including women, children, and yourself) live in your household? [integer]
Questions below apply specifically to respondents working at a mine site (see response to question 1.7 above)

2. Health and safety related to COVID

2.1. Could you tell me about how informed you feel about the COVID virus/pandemic?
   - Very informed
   - Somewhat informed
   - Not very informed
   - Not at all informed, but know what COVID is
   - Do not know what COVID is

2.1.1 If persons responds, ‘very informed’, ‘somewhat informed’ to Q2.1: Could you name three symptoms of COVID-19/coronavirus? CHECK UP TO THREE. PLEASE DO NOT READ ALOUD TO INTERVIEWEE
   1. FEVER
   2. COUGH
   3. CHILLS
   4. NAUSEA
   5. HEADACHE
   6. DIARRHEA
   7. SORE THROAT
   8. SHORTNESS OF BREATH OR DIFFICULTY BREATHING
   9. FATIGUE
   10. MUSCLE PAIN
   11. LOSS OF SMELL OR TASTE
   12. PERSISTENT PAIN OR PRESSURE IN THE CHEST
   13. DONT KNOW
   14. OTHER, NOT LISTED IN OFFICIAL LIST

2.2. Do you feel more or less informed about COVID since the start of the pandemic?
   o I feel more informed
   o About the same level of informed
   o I feel less informed
   o Don’t know

2.3. Do you believe people in your immediate environment may have or have had COVID?
   - Yes- know for sure because they have tested positive
   - Yes- suspected
   - No
   - Do not know

2.4. Have you been infected with COVID?
   - Yes- know for sure because I have tested positive
   - Yes- suspected
   - No
   - Do not know

2.4.1: If persons responds YES to 2.3: Did you seek treatment for COVID and symptoms experienced? (Y/N)
   2.4.1.1: If persons responds YES to 2.3.1: Where did your seek treatment from? (select multiple based on response)
   - Government health facility
2.5. What do you consider to be your own probability of getting infected with COVID in the next 6 months?
- Not at all likely
- Not likely
- Somewhat likely
- Likely
- Extremely likely

2.6. Do you know how to prevent becoming sick from COVID? DO NOT RESPONSES READ ALOUD TO INTERVIEWEE. SELECT ALL NOTED RESPONSES
- I do not know
- Hand washing
- Use of disinfectants
- Staying home when you are sick or when you have a cold
- Wearing a face mask
- Physical distancing (keeping minimum 2 meters between you and other persons outside your household)
- Another preventive measure, please specify...

2.7. Have you received a COVID vaccine? (Y/N)

2.7.1. If persons responds YES to 2.7: When did you receive the vaccine? (Date = month, year)

2.7.2. If persons responds NO to 2.7: Did you have an opportunity to receive a COVID vaccine? (Y/N)

2.7.2.1. If persons responds YES to 2.7.2: Why did you choose to not receive COVID vaccine? (select all that apply)
- Specific anxiety about the COVID vaccine
- Need more information to decide whether or not to get a COVID vaccine
- Attitude against vaccination in general, not limited to COVID vaccine
- Lack of trust
- Other reason, please specify...

2.7.2.2. If person responds NO to 2.6.2: If you had an opportunity to receive a COVID vaccine, would you receive it? (Y/N)

2.7.2.2.1. If person responds NO to 2.7.2.2: Why would you choose to not receive the COVID vaccine? (select all that apply)
- Specific anxiety about the COVID vaccine
- Need more information to decide whether or not to get a COVID vaccine
- Attitude against vaccination in general, not limited to COVID vaccine
- Lack of trust
- Do not believe COVID vaccine is necessary
- Other reason, please specify...

2.8. If you got sick from COVID, do you feel you would have adequate access to healthcare, if you needed it? [Y/N]

2.9. Which of the following measures, if any, have you taken to prevent infection from COVID while working in your ASM site since you first heard about COVID?
- Hand washing
- Use of disinfectants
- Staying home when you are sick or when you have a cold
- Forced quarantine by employer/government
- Wearing a face mask
- Physical distancing (keeping minimum 2 metres between you and other persons outside your household)
- Another preventive measure, please specify...
- No measures taken

2.10. If person has not undertaken measures (response to 2.9 is ‘No measures taken’), ask: Why have you not taken preventive measures against COVID at your site? Select all that apply
- Lack of available supplies (water, soap, disinfectants, masks) locally
- Lack of available funds to purchase supplies (water, soap, disinfectants, masks) or implement preventative measures
- No knowledge of preventative measures
- Do not believe preventative measures are necessary
- Other, specify

3. Gender (labor question)
Now I would like to ask you about whether you have noticed any changes in your community since the start of the COVID pandemic. When we talk about the “start” of the pandemic, I am referring to the time when you first became aware of the pandemic affecting your local community.

3.1. Comparing the time before COVID to now, has the number of men working in and around this mining site increased, decrease, stayed the same?
- Greatly increased
- Increased
- Stayed the same
- Decreased
- Greatly decreased
- Do not know

3.2. Comparing the time before COVID to now, has the number of women working in and around this mining site increased, decrease, stayed the same?
- Greatly increased
- Increased
- Stayed the same
- Decreased
- Greatly decreased
- Do not know

3.3. Comparing the time before COVID to now, have the roles that men work in at the site changed as a result of COVID? [Y/N/Do Not Know]
3.3.1. If yes, HOW have the roles of men changed as a result of COVID? (can select multiple)
- Men are doing lower-paying jobs
- Men are doing higher-paying jobs
- Men have left mining sites to do other jobs
- Men are working fewer days a week/month
- Men are working more days a week/month
3.4. Comparing the time before COVID to now, have the roles that women work in at the site changed as a result of COVID? [Y/N/Do Not Know]
3.4.1. If yes, HOW have the roles of women changed as a result of COVID?? (can select multiple)
- Women are doing lower-paying jobs
- Women are doing higher-paying jobs
- Women have left mining sites to do other jobs
- Women are working fewer days a week/month
- Women are working more days a week/month
- Other, specify

4. Human Security
4.1. In general, how would you rate the security situation in your community / village?
- Very secure
- Secure
- Neither secure nor insecure
- Not very secure
- Not at all secure
- No response
4.2. Comparing the time before COVID to now, has insecurity increased or decreased or stayed the same?
- Insecurity has greatly increased since COVID
- Insecurity has somewhat increased since COVID
- Insecurity has stayed the same since COVID
- Insecurity has decreased since COVID
- Insecurity has greatly decreased since COVID
- Do not know
- No response
4.2.1. [If insecurity has increased (greatly or somewhat)], What has caused the increase in insecurity in your village or your environment? (If multiple, select the three most significant causes of insecurity)
a. Presence of armed groups or former combatants
b. Social conflict (Interreligious, Tribal)
c. Government Entities (Police, Politicians, Corruption)
d. Environmental disasters (drought, hunger, etc.)
e. Illicit mining activity (illegal mining, smuggling, etc.)
f. Land or natural resource disputes (large scale mining, water access, etc.)
g. Other, specify
h. No response

5. Food security
5.1. Comparing the time before COVID to now, how has the amount of food available to eat changed?
- It has increased
- It has not changed
- It has decreased
- Do not know
- No answer
5.1.1 If food has decreased, describe the cause of this decrease? (Select multiple options and rank in order of impact, with #1 being the most impactful to #3 being the least impactful.)
- Loss of employment
- Reduction in household income
- Food price inflation
- Lack of available food for purchase
- Other, specify
- Do not know

5.2. *If household is 1 ask:* Have you skipped meals this week because there was not enough to eat? [Y/N]
5.2.1. If yes, is your skipping meals the same/better/worse than before COVID began?

5.3. *If household is greater than 1, ask:* Has anyone in your household skipped meals this week because there was not enough to eat? [Y/N]
5.3.1. If yes, how many people in your household had to skip meals this week?
5.3.2. If yes, is skipping meals in your household the same/better/worse than before COVID began?

6. **Service delivery, government engagement**

6.1. Have you heard any messages explaining what COVID is and how to protect yourself from COVID?
6.1.1. If yes, what channels have you heard messages from: SELECT ALL THAT APPLY
- Radio
- TV
- WhatsApp
- Social Media (not WhatsApp)
- Religious institution (church, mosque, etc.)
- State Agent
- Community Leader
- Community Health Worker
- Other, specify

6.2. Have you received any services in response to the impacts of COVID? [Y/N]
6.2.1. If yes, who provided these services? SELECT ALL THAT APPLY
- Religious institution (church, mosque, etc.)
- Government
- Local civil society
- International civil society
- Other, specify

6.2.2. If yes, what services were received? SELECT ALL THAT APPLY
- Cash
- Food
- Medical Supplies (including face masks, disinfectants, soaps)
- Awareness (information related to COVID)
- Other, specify

6.3. What steps have the government authorities taken to curb the spread of the coronavirus in your area? PLEASE DO NOT ALOUD READ TO INTERVIEWEE. SELECT ALL THAT APPLY
1. ADVISED CITIZENS TO STAY AT HOME
2. RESTRICTED TRAVEL WITHIN COUNTRY/AREA
3. RESTRICTED INTERNATIONAL TRAVEL
4. CLOSURE OF SCHOOLS AND UNIVERSITIES
5. CURFEW/LOCKDOWN
6. CLOSURE OF NON-ESSENTIAL BUSINESSES
7. BUILDING MORE HOSPITALS OR RENTING HOTELS TO ACCOMODATE PATIENTS
8. PROVIDE FOOD TO NEEDED
9. OPEN CLINICS AND TESTING LOCATIONS
10. DISSEMINATE KNOWLEDGE ABOUT THE VIRUS
11. DONT KNOW
12. OTHER, SPECIFY

6.4. Are you satisfied with the government’s response to the coronavirus crisis? (Y/N)
6.4.1. If no 6.4, Why are you not satisfied with the government's response? PLEASE DO NOT READ ALOUD TO INTERVIEWEE. SELECT ALL THAT APPLY
   1. LIMITED TESTING POINTS
   2. NO FINANCIAL ASSISTANCE FROM THE GOVERNMENT
   3. LATE RESPONSE BY GOVERNMENT
   4. SHORTAGE OF MEDICAL MATERIALS
   5. OTHER (SPECIFY)

7. Markets/ Supply chains impacted because of COVID
7.1. Has your ability to do work in or around the mines changed as a result of COVID? Y/N,
7.1.1. If YES: Since the you were first aware of COVID, how has your ability to do work in or around the mines been affected as a result of COVID? (SELECT ALL THAT APPLY)
   - Government asked people to stop work because of COVID
   - Government has restricted access to mining work because of COVID
   - Financing of operations has decreased or stopped
   - Health services have decreased or stopped
   - Mine site owner has suspended operations
   - Mineral buyers are not operating to purchase minerals
   - Unable to sell mineral at desired price
   - Pursuing alternative economic activities instead of mining
   - Other, please specify
7.1.2 If Yes to 7.1 ask follow-up: In the last 30 days, how has your ability to work in or around the mines been affected as a result of COVID? SELECT ALL THAT APPLY
   - Government asked people to stop work because of COVID
   - Government has restricted access to mining work because of COVID
   - Financing of operations has decreased or stopped
   - Health services have decreased or stopped
   - Mine site owner has suspended operations
   - Mineral buyers are not operating to purchase minerals
   - Unable to sell mineral at desired price
   - Pursuing alternative economic activities instead of mining
   - Other, please specify
7.2. Which mineral is PRIMARILY mined in the site where you work most often?
   - Cobalt
   - Colored Gemstone (if yes, specify)
   - Copper
   - Diamond
- Gold
- Sand
- Salt
- Stone Aggregate (Gravel)
- Tin (Cassiterite)
- Tantalum (Coltan)
- Tungsten (Wolframite)
- Other, specify
- No response

7.3. Are you responsible for selling your production? [Y/N If no, skip to 7.4]
7.3.1. If yes, is the quantity of minerals you are selling different than before COVID?
   - Increasing
   - Stayed the same
   - Decreasing
   - Don’t Know
7.3.2. If yes, how difficult is it to sell [X mineral] compared to before the pandemic?
   - More difficult
   - Same
   - Less difficult
7.3.3. How does the current mineral price compare to before COVID was an issue in your country?
   - Current price is higher than before COVID
   - Current price is same as before COVID
   - Current price is lower than before COVID
7.3.4. OPTIONAL: What is the price per unit? [integer] *(Include currency, purity of unit, and unit of measurement)*
7.3.5. OPTIONAL: If known, what is the percentage of market rate (London Spot Price)? [integer between 0 and 100]

[If participant is not responsible for selling minerals they produce – i.e. they are a team member and paid by the task/day, they are a service provider, other actor]:

7.4. How has your income from mining activities changed since you first were aware of COVID?
   1. Increased
   2. Stayed the same
   3. Decreased
   4. Don’t know

8. Economic

8.1. Thinking about your household income now, versus before COVID affected your community, would you say your household finances are:
   - Much lower now compared to before COVID
   - A bit lower now compared to before COVID
   - Roughly the same now compared to before COVID
   - A bit higher now compared to before COVID
   - Much higher now compared to before COVID

8.2. How much of a threat would you say the coronavirus outbreak is to your household’s finances?
1. A substantial threat
2. A moderate threat
3. Not much of a threat
4. Not a threat at all

8.3 I’d like to ask you about events that may have affected your household since you first were aware of the pandemic.

Has your household been affected by any of the following since you first were aware of the pandemic? I’m going to read a list of experiences, please tell me any that have happened to you since the start of the pandemic:

SHOCK list:
1. Job loss
2. Business closure
3. Theft/looting of cash and other property
4. Disruption of farming, livestock, fishing activities
5. Increase in price of business inputs
6. Fall in the price of business inputs
7. Lack of availability of business inputs
8. Reduction of business inputs
9. Increase in price of major food items consumed
10. Illness, injury, or death of income earning member of household
11. Other (specify)

8.4 How did your household cope with the [SHOCK] DO NOT READ OPTIONS, SEE CODES BELOW THAT APPLY

1. Sale of assets
2. Engaged in additional income generating activities
3. Received assistance from Friends & family
4. Borrowed from friends & family
5. Took a loan from a financial institution
6. Credited purchases
7. Delayed payment obligations
8. Sold harvest in advance
9. Reduced food consumption
10. Reduced non-food Consumption
11. Relied on savings
12. Received assistance from NGO
13. Took advanced payment from employer
14. Received assistance from government
15. Was covered by insurance policy
16. Did nothing
17. Other (specify)

9. Future Priorities

9.1. If mining operations have been affected by the COVID crisis, what would help you to restart or improve your operations going forward (i.e. build resiliency for operations to manage impacts from future crisis)? [SELECT ONLY THREE MOST IMPORTANT RESPONSES]
   - Financing (access to capital to restart operations)
   - Education and resources to implement safe mining practices
- Access to Personal Protective Equipment
- Access to Tools & Equipment
- Support with licensing and regulatory requirements (Including customary and surface rent fees)
- Other, specify

9.1.2 Rank by importance your top three activities to help you to restart or improve operations going forward? Choices should match the three responses selected in question 9.1

Based on responses to 9.1 ask relevant follow categories for each response option

9.2 Financing: If respondent states they prioritize access to financing, ask: Do you currently have any access to financing? (Y/N)

9.2.1 If no, what would you use the financing for?
- Working Capital
- Purchase of assets (equipment or supplies)
- Purchase of Services
- Mine Rehabilitation
- Exploration
- Other, specify

9.2.2 If yes, what do you use the financing for?
- Working Capital
- Purchase of assets (equipment or supplies)
- Purchase of Services
- Mine Rehabilitation
- Exploration
- Other, specify

9.3 Education: If respondent states they prioritize ‘education and resources to implement safe mining practices: What education topics would be most beneficial to you?
- Environmental management
- Health and Safety
- Improving efficiency and recovery of operations
- Geological Training
- Business Management & Market Access
- Knowledge of mineral supply chain and prices
- Other, specify

9.4 PPE: If respondent states they prioritize ‘Access to Personal Protective Equipment’: What personal protective equipment is currently used?
- Masks
- Hand washing supplies
- Goggles
- Earplugs
- Boots
- Gloves
- Helmets
- Headlamps/torches
- Other, specify

9.4.2 What PPE is desired?

9.5 Tools & Equipment: If respondent states they prioritize ‘Access to Tools & Equipment’: What tools and equipment are desired?
- Personal protective equipment
- Tools (non-mechanized) for extraction
- Machinery for extraction
- Processing equipment
- Other, specify

9.6 Licensing and Regulation: If respondent states they prioritize ‘Support with licensing and regulatory requirements (Including customary and surface rent fees)’: What type of support is most desired?
- Training on licensing and regulatory requirements
- Creation of support groups for those navigating requirements
- Small loans to support payment of licensing and regulatory fees
- Creation of feedback/complaint mechanisms
- Other, specify
Key Informant Interview Questions (Distinct from Survey)
Questions below apply specifically to respondents who are general mining sector key informants and do not work directly at a mine site (see response to question 1.7 above)

Question Sections (follows Demographic section)
Health & Safety
10.1 Have there been confirmed COVID cases or larger outbreaks in mining areas?
10.2 How is the threat of COVID perceived by individuals working in and around mining areas?
10.3 To what extent have ASM operators followed:
   a. Government restrictions associated with COVID
   b. Best practices in operations to prevent/limit the spread of COVID in mining areas
10.4 What are key gaps and needs in COVID response in ASM community areas?
   c. Health Facilities & Services (Treatment)
   d. Public Health Campaigns related to COVID
   e. Vaccination

Gender
10.5 Have there been changes in the participation and roles of men in the ASM sector since the start of COVID? What about women? If so, what are changes have been observed?
10.6 Are there long-term changes to the participation and roles of women and men in the ASM sector that COVID has contributed to?
10.7 Are there particular vulnerabilities or changes that are impacting women more than men?

Human Security
10.8 Are there signs of increased insecurity (/conflicts) in ASM mining communities since the start of COVID?
   a. If so, what are the key factors contributing to the increase in insecurity?
10.9 Has COVID created long term changes to security and conflict risks in ASM mining communities?

Food Security
10.10 Has COVID created long term changes in food insecurity in ASM mining communities? If so, what are the key factors contributing to changes in food insecurity?

Service Delivery & Government Engagement
10.11 How has COVID impacted government and non-government actors (CSOs, Religious Institutions, NGOs, Cooperatives, etc.) engagement and services in ASM communities?
10.12 What gaps exist in the response from government and non-government actors to the needs of ASM communities since the start of COVID?

Markets & Supply Chains
10.13 Assess the changes noticed in mineral supply chain areas (below) and explain if and how COVID-19 directly or indirectly linked to the any changes noticed

10.14 **ASM mine operations** (operational status, production levels)
   10.14.1 How would you say the level of mining activity compares to the level of mining **BEFORE THE COVID CRISIS**?
   10.14.2 How would you say the level of mining activity compares to the level of mining **AT THIS SAME TIME LAST YEAR**?

10.15 What changes have been noticed in ASM financing (availability and quantity, methods, actors)?

10.16 What changes have been noticed in mine-level mineral prices?

10.17 What changes have been noticed in legal trade and export systems?

10.18 What changes have been noticed in informal and illicit trade systems?
   10.18.1 How would you say the level of smuggling compares to the level of smuggling before the COVID crisis?