Toward a Peacekeeper Diversity Index:

Evaluating the Relative Effectiveness of Peace Support Personnel Gender, Origin, and Status

Case Studies:
Central African Republic (MINUSCA)
Democratic Republic of Congo (MONUSCO)
South Sudan (UNMISS)
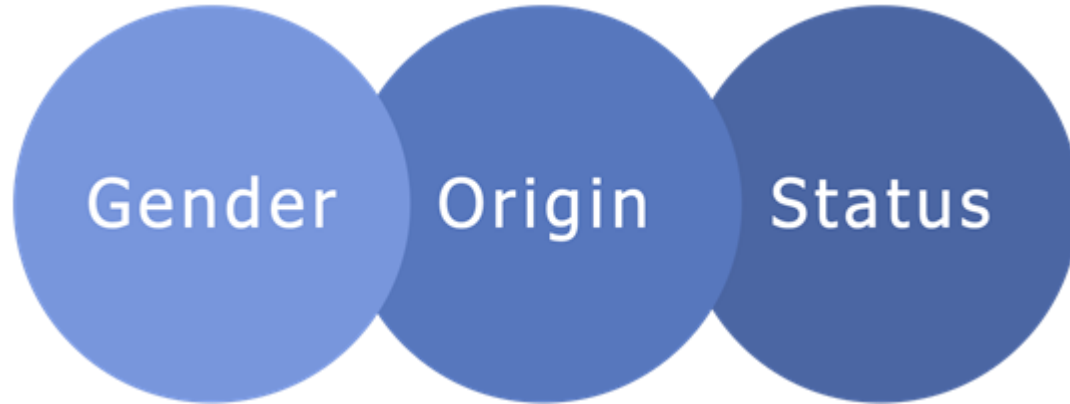Mali (MINUSMA)*

Working Objectives

Gather evidence of the demographic composition of UN Peace Support Operations personnel.

Can this information be used to improve conflict response plans?

How do we measure "Peacekeeper Diversity?"

Source: Peace & Security Data Hub

Historical monthly data curated from 2011 to 2023 **(diversity indices)**

Status:
Number of uniformed personnel
Number of uniformed military personnel (troops)
Number of uniformed non-military personnel (experts/police/staff)
Number of civilian personnel

Origin:
Number of uniformed personnel from neighboring nations
Number of uniformed personnel from region
Number of uniformed personnel from international

Gender:
Gender of uniformed personnel (male)
Gender of uniformed personnel (female)
Gender of civilian personnel (male)
Gender of civilian personnel (female)

Also from the Peace & Security Data Hub

Additional "risk level" contextual data for each demographic:
Number of personnel casualties
Number of uniformed military personnel casualties
Number of non-military personnel casualties
Number of personnel casualties from malicious acts (conflict related)
Number of personnel casualties from non-malicious acts
Number of personnel casualties from neighboring nations
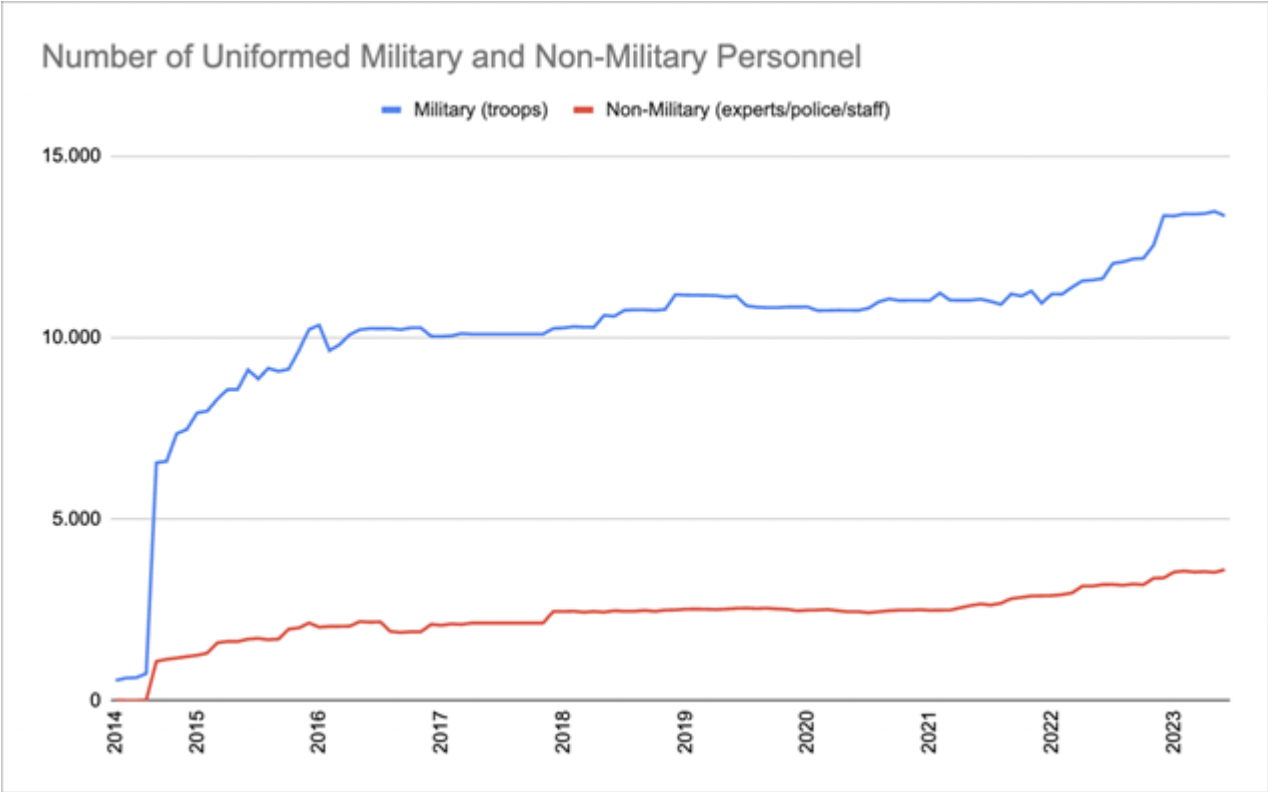Number of personnel casualties from region
Number of personnel casualties from international
Gender of personnel casualties (male)
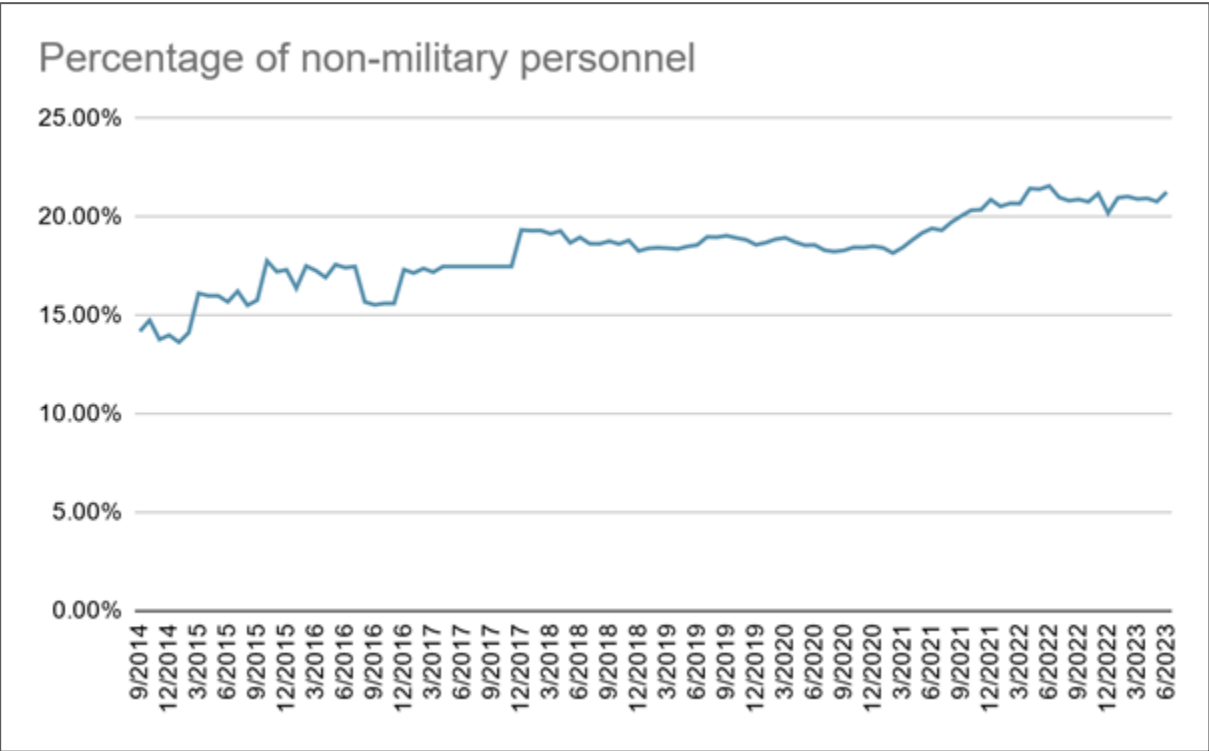Gender of personnel casualties (female)

MINUSCA

United Nations Multidimensional Integrated Stabilization Mission in the Central African Republic

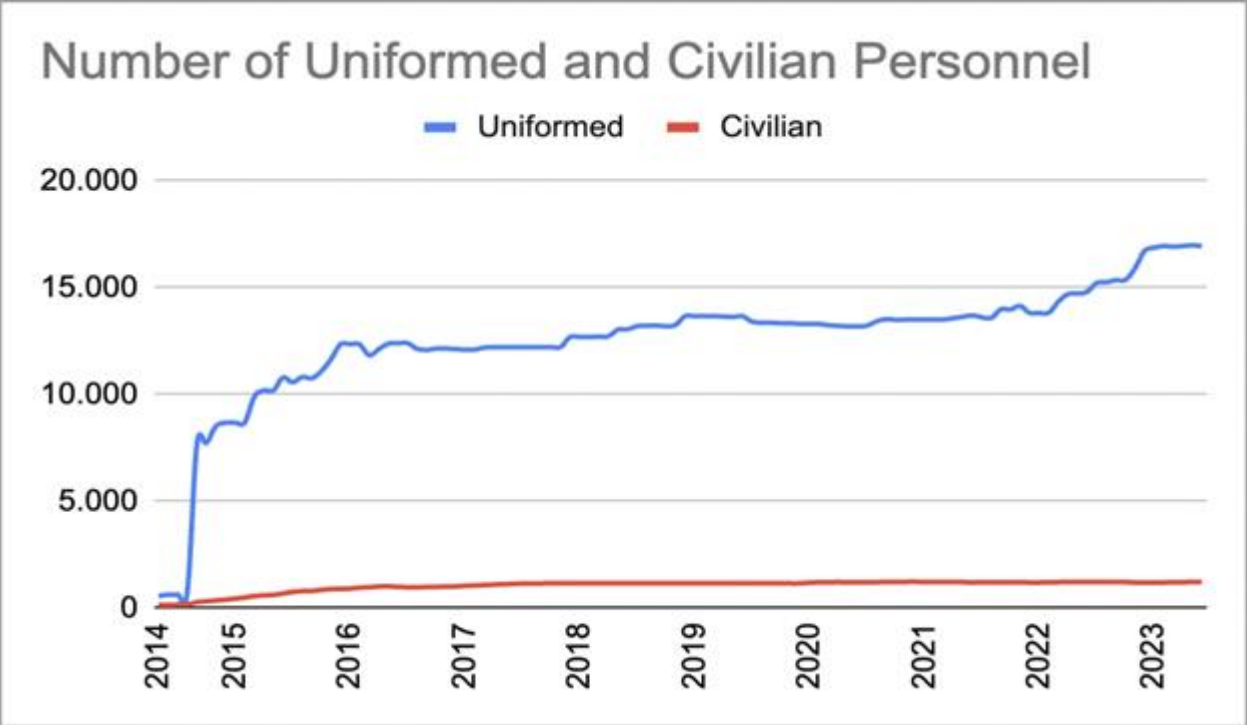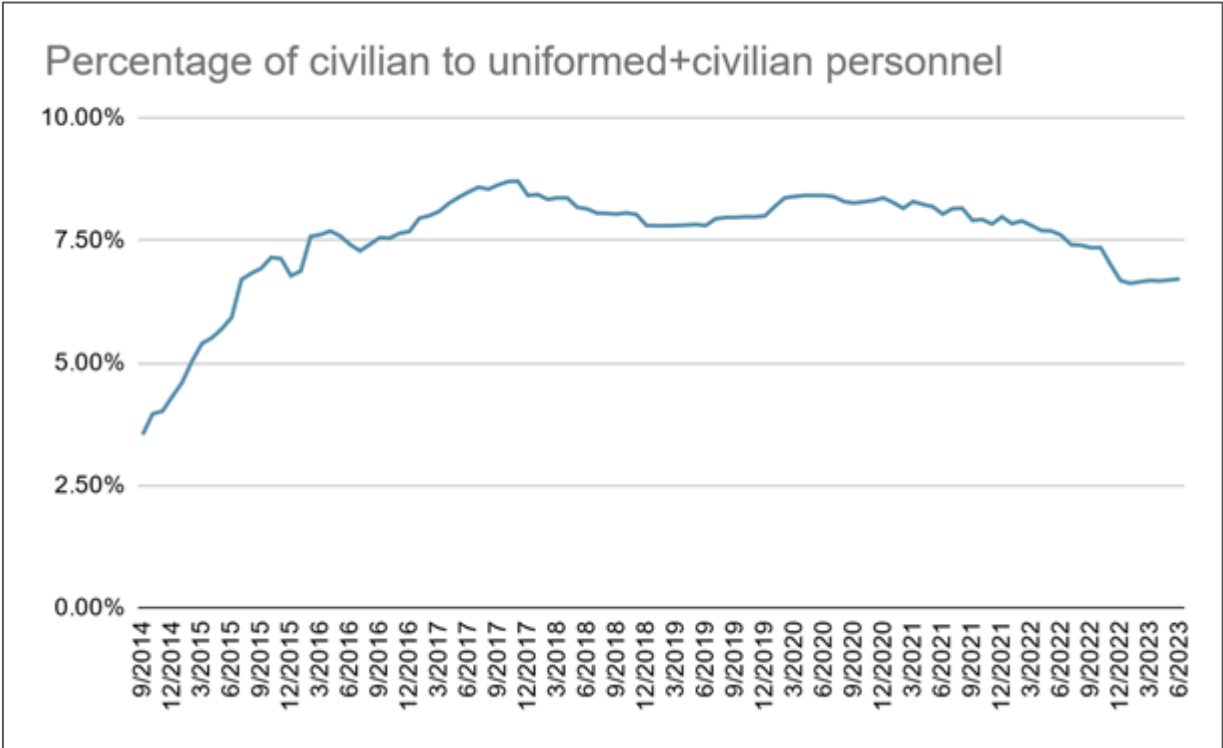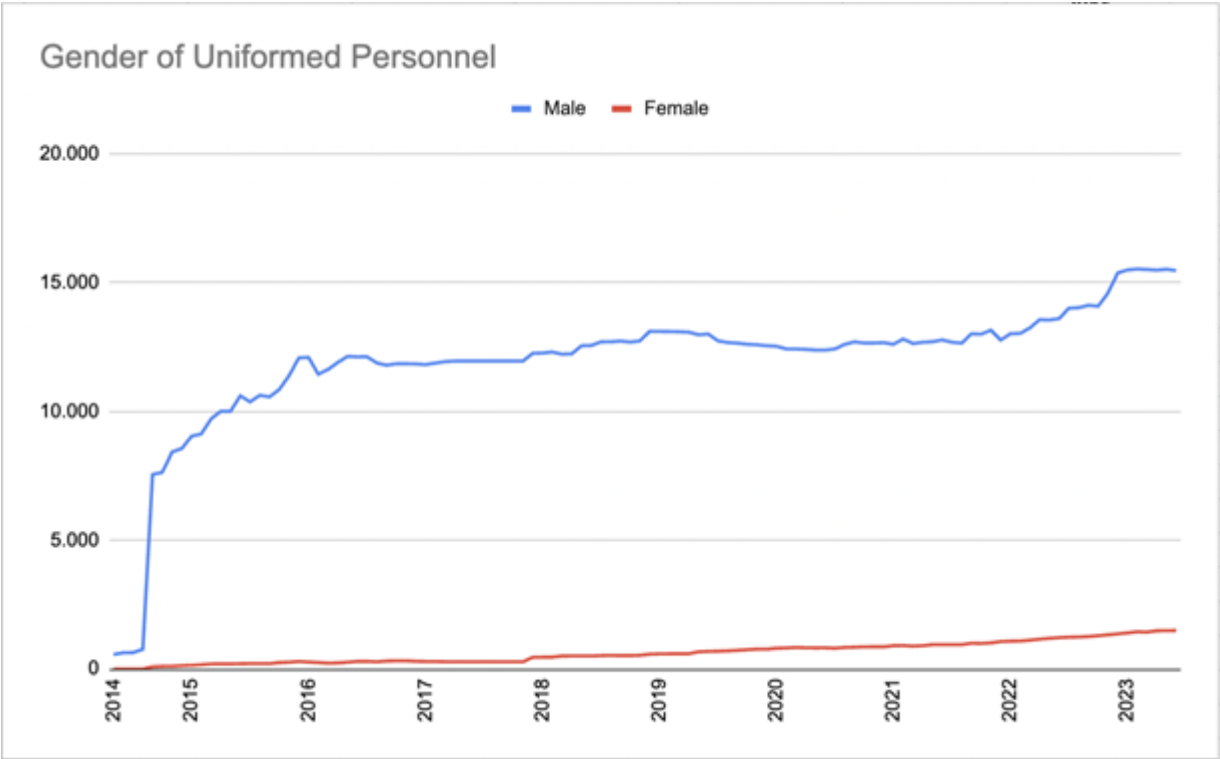Number of Uniformed Military and Non-Military Personnel
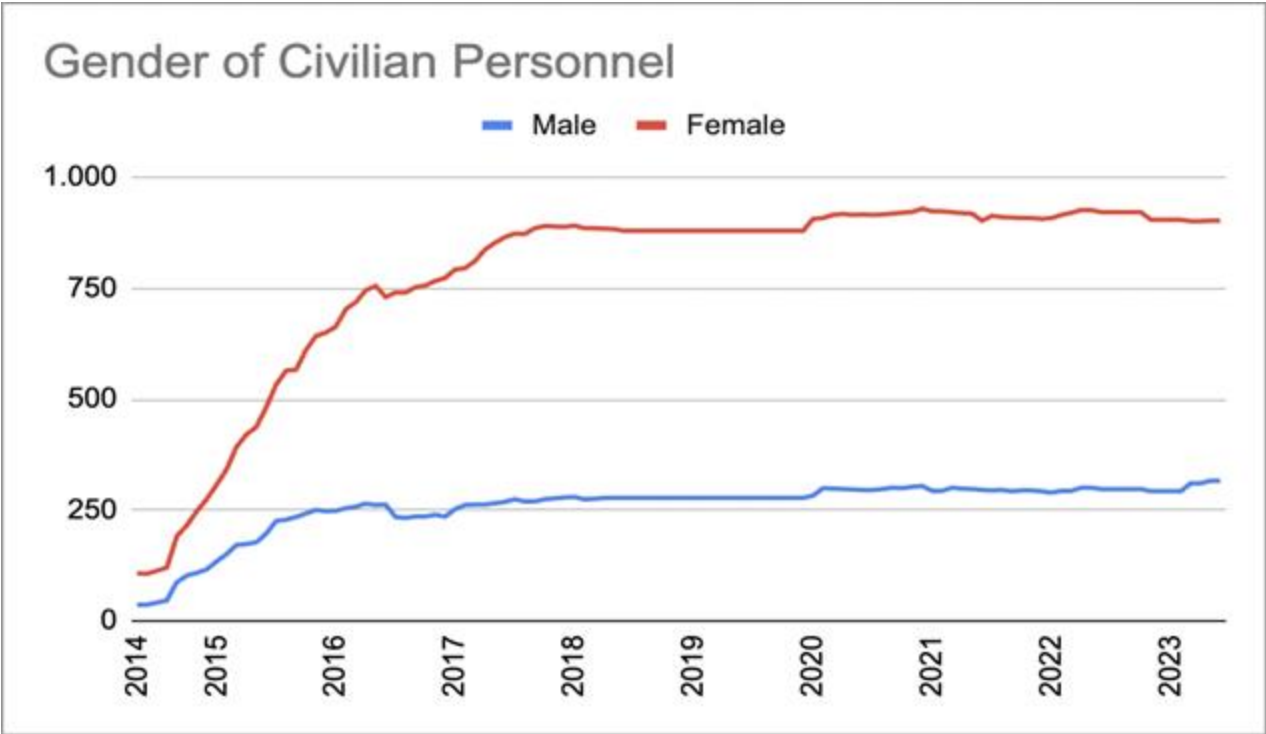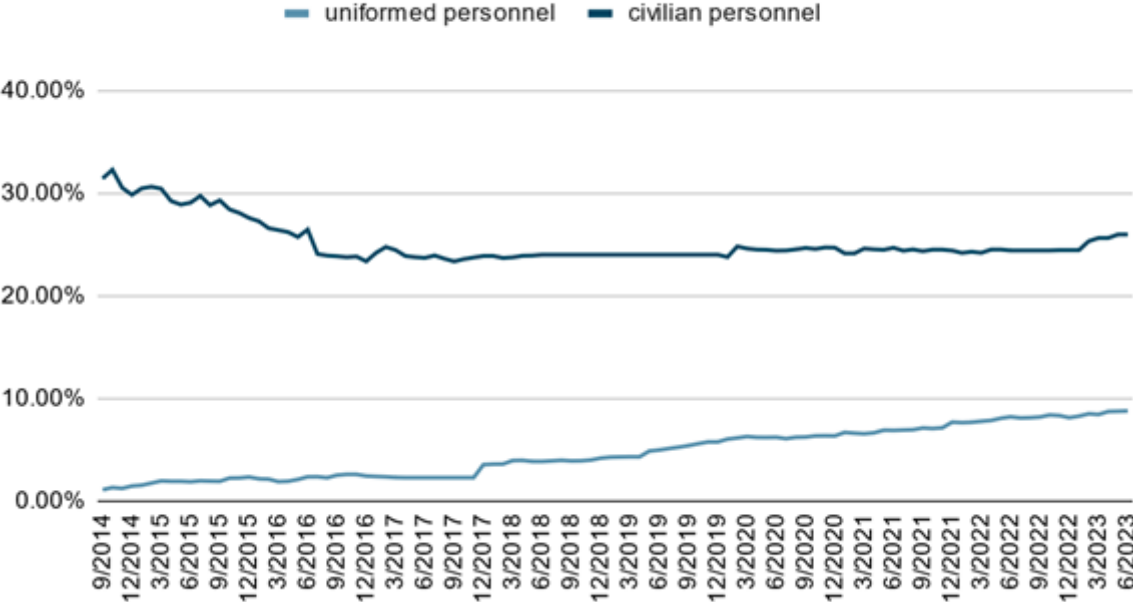
MINUSCA

United Nations Multidimensional Integrated Stabilization Mission in the Central African Republic

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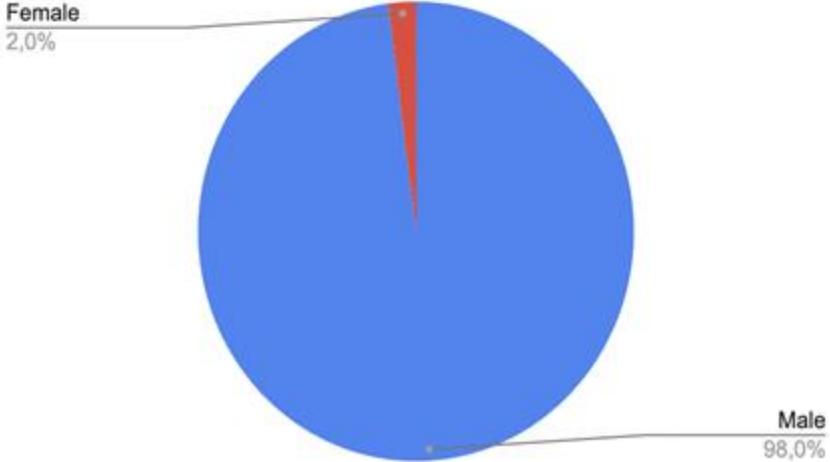
MINUSCA

United Nations Multidimensional Integrated Stabilization Mission in the Central African Republic

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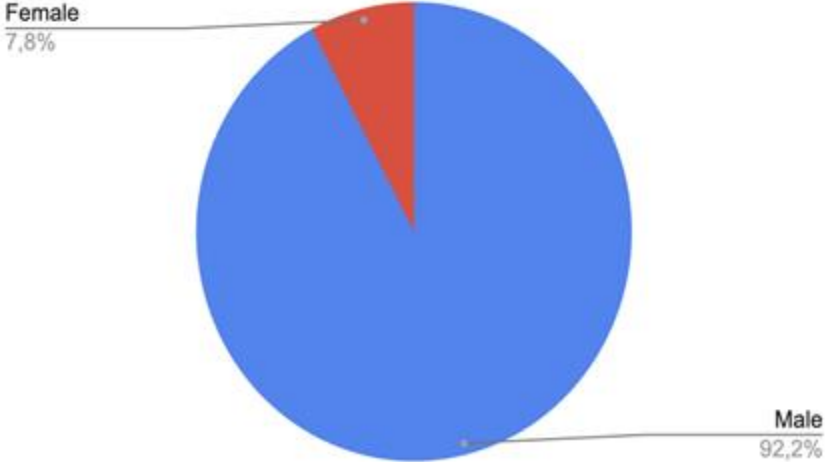

Percentages of female to total personnel

MINUSCA

United Nations Multidimensional Integrated Stabilization Mission in the Central African Republic
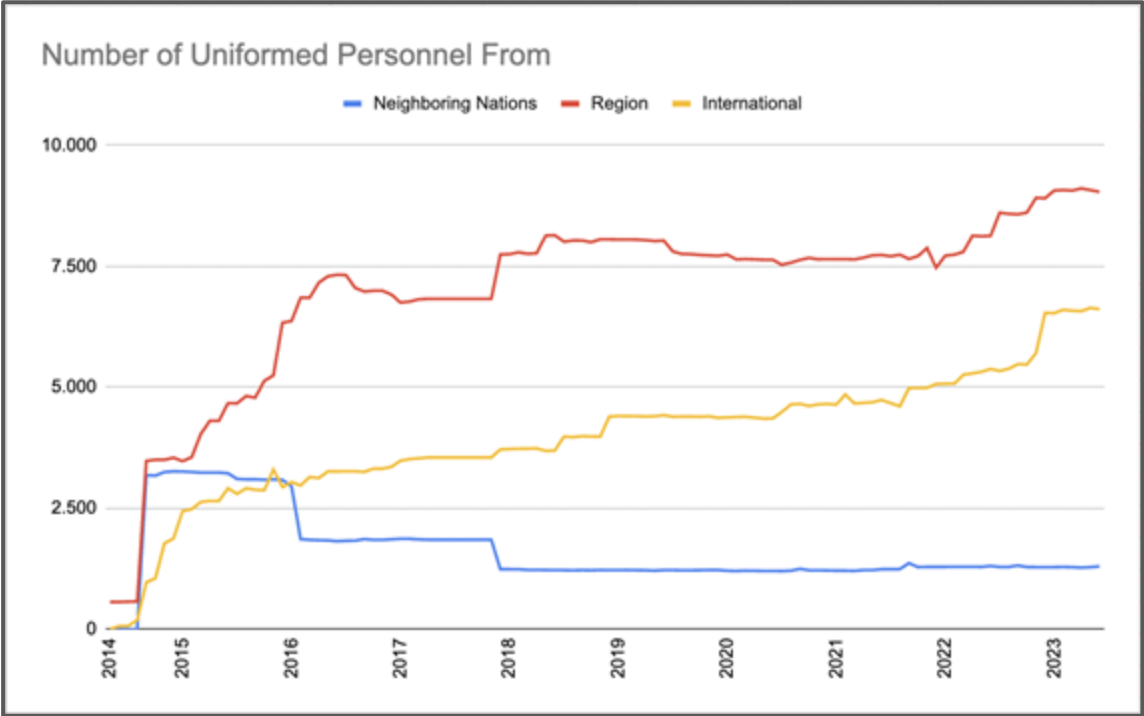

2014-2016 Gender of Uniformed Personnel

Female
2,0%

Male
98,0%

2021-2023 Gender of Uniformed Personnel
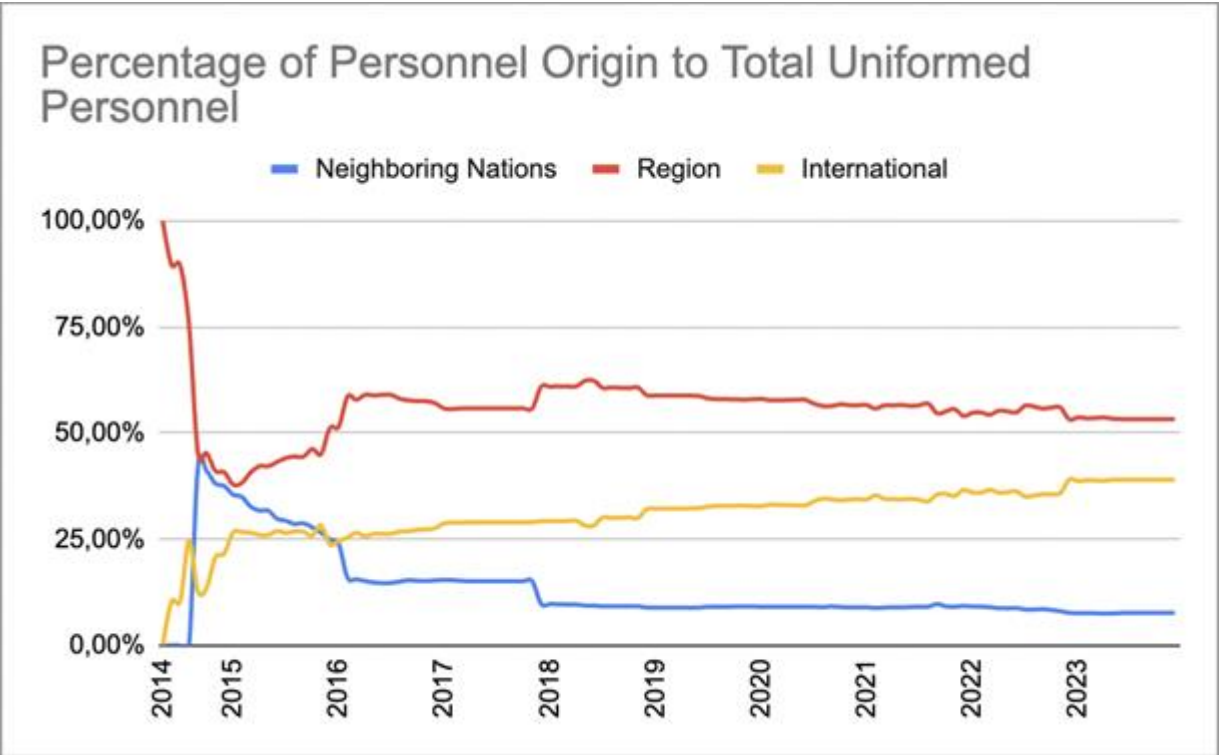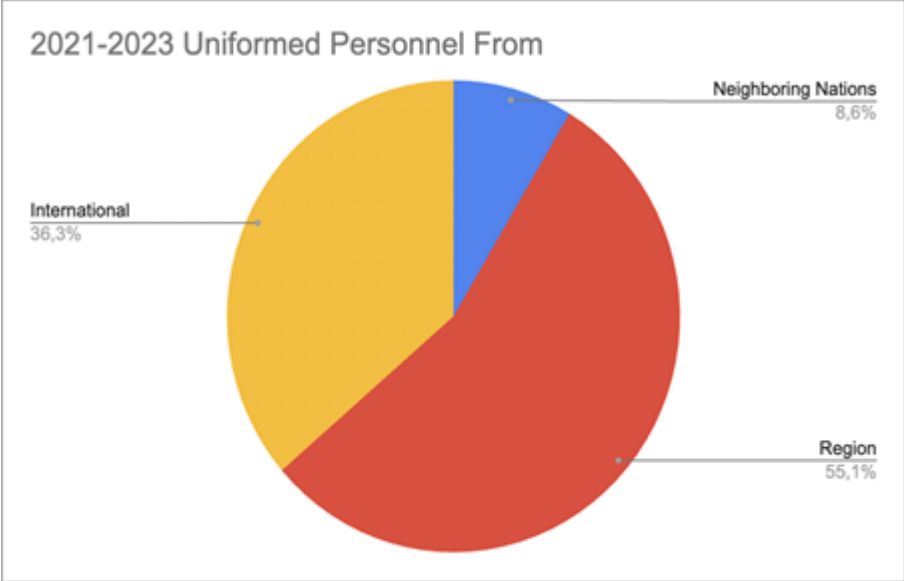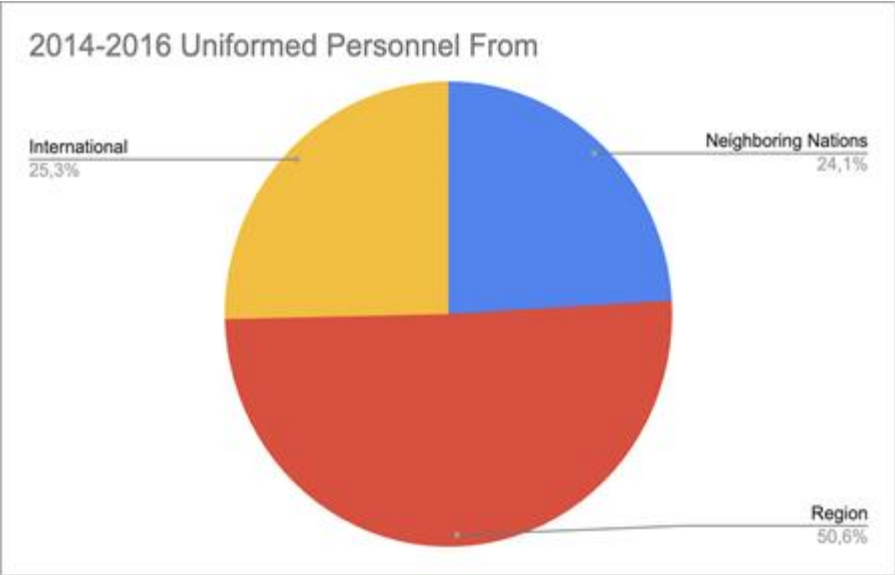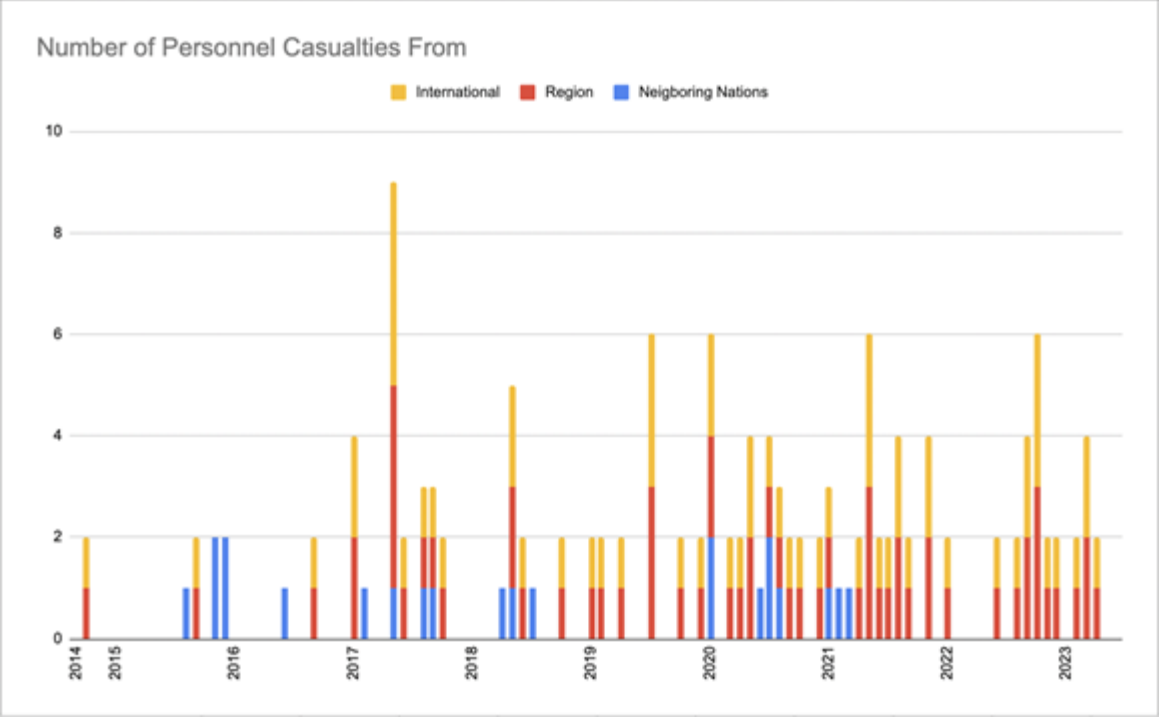
Female
7,8%

Male
92,2%

MINUSCA

United Nations Multidimensional Integrated Stabilization Mission in the Central African Republic

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Percentage of Personnel Origin to Total Uniformed Personnel

MINUSCA

United Nations Multidimensional Integrated Stabilization Mission in the Central African Republic

2014-2016 Uniformed Personnel From

International 25,3%
Neighboring Nations 24,1%
Region 50,6%

2021-2023 Uniformed Personnel From

Neighboring Nations 8,6%
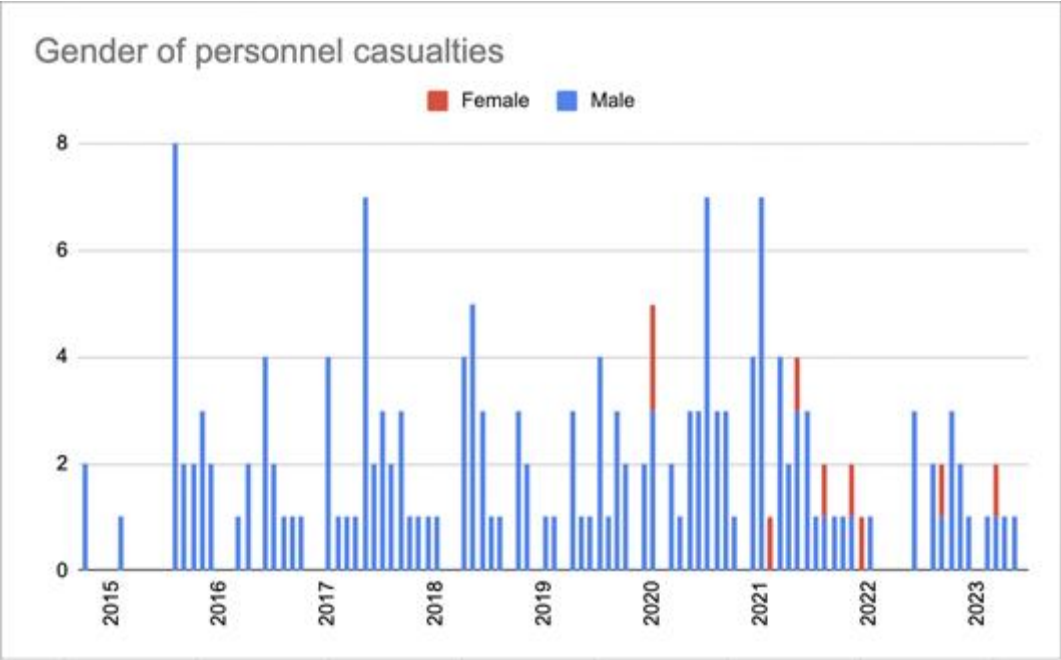International 36,3%
Region 55,1%

MINUSCA

United Nations Multidimensional Integrated Stabilization Mission in the Central African Republic

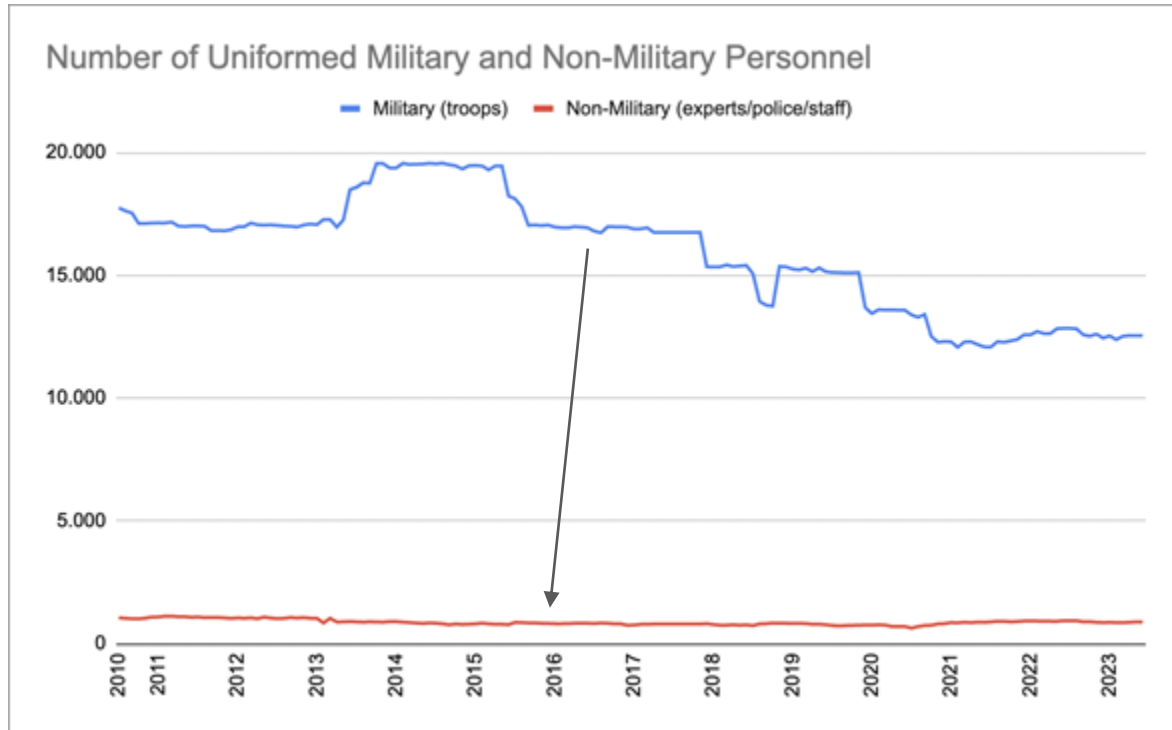

Neighboring nations facing less risk

MINUSCA

United Nations Multidimensional Integrated Stabilization Mission in the Central African Republic

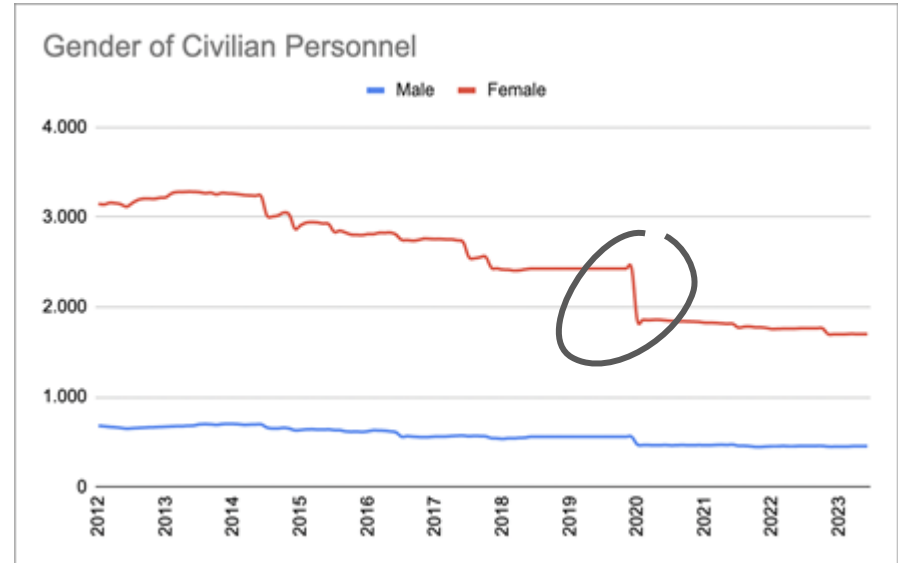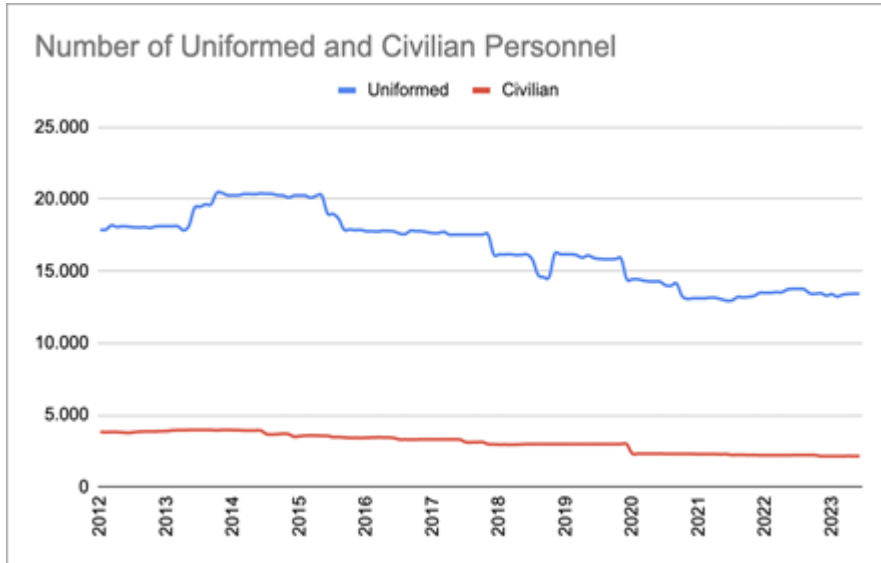Female personnel facing more risk

MONUSCO
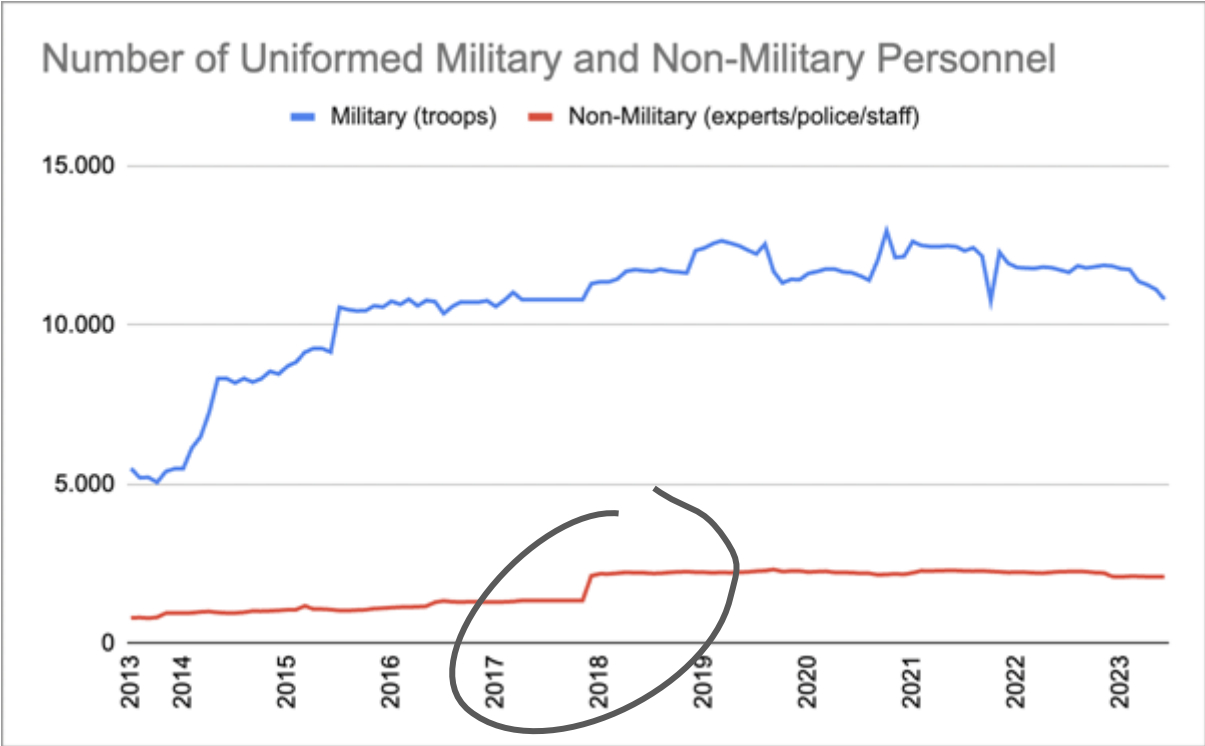The United Nations Stabilization Mission in the Democratic Republic of Congo

MONUSCO

The United Nations Stabilization Mission in the Democratic Republic of Congo
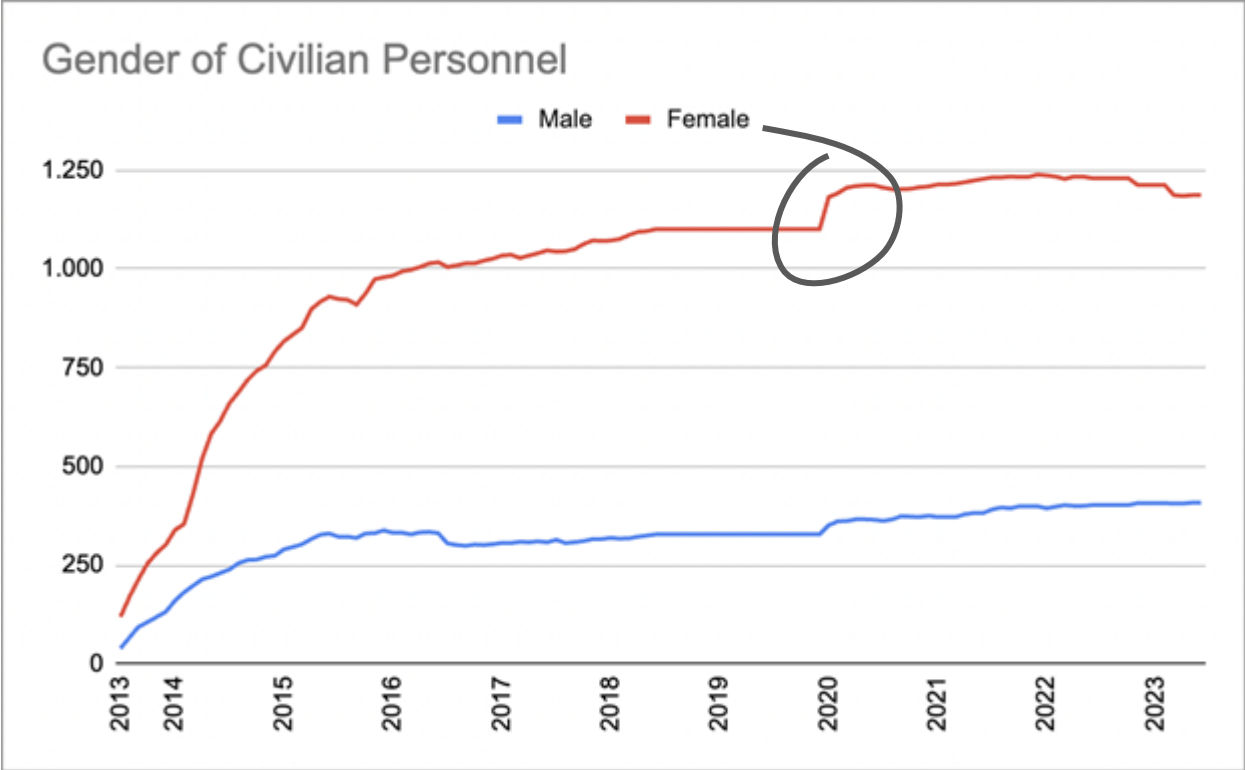
MINUSMA

United Nations Multidimensional Integrated Stabilization Mission in Mali

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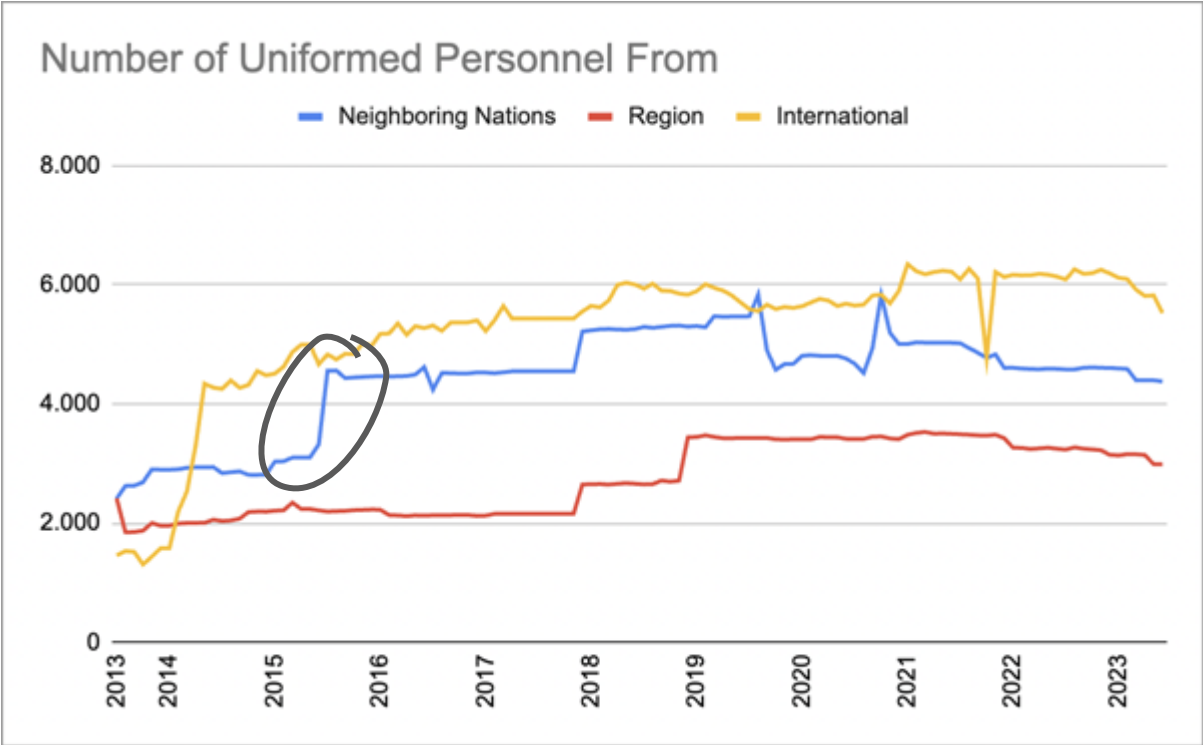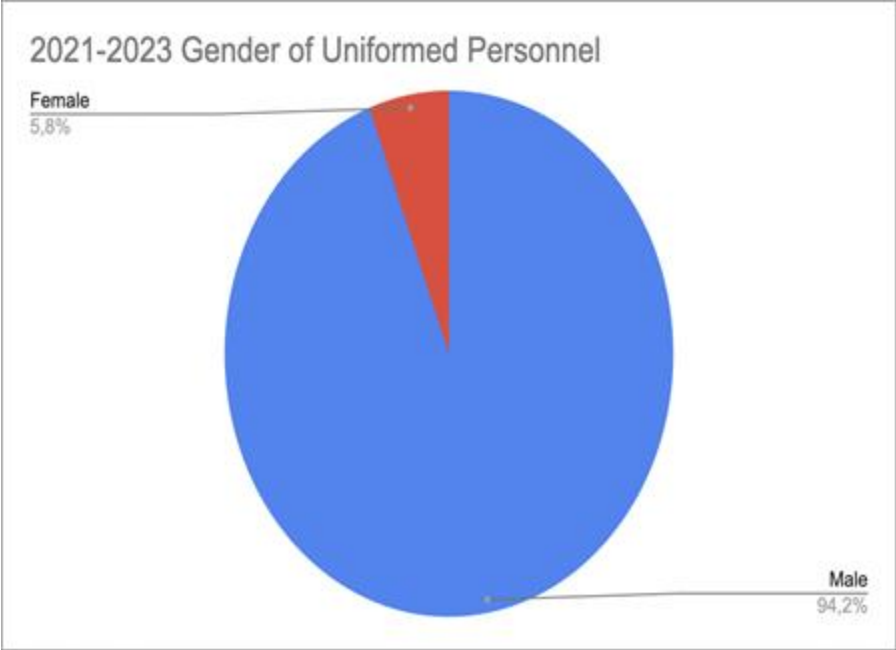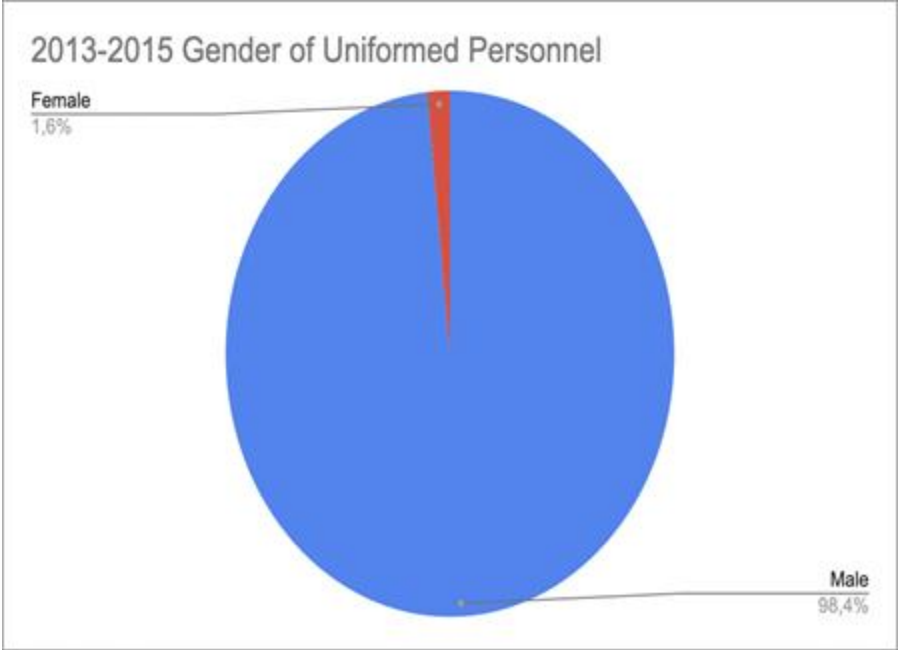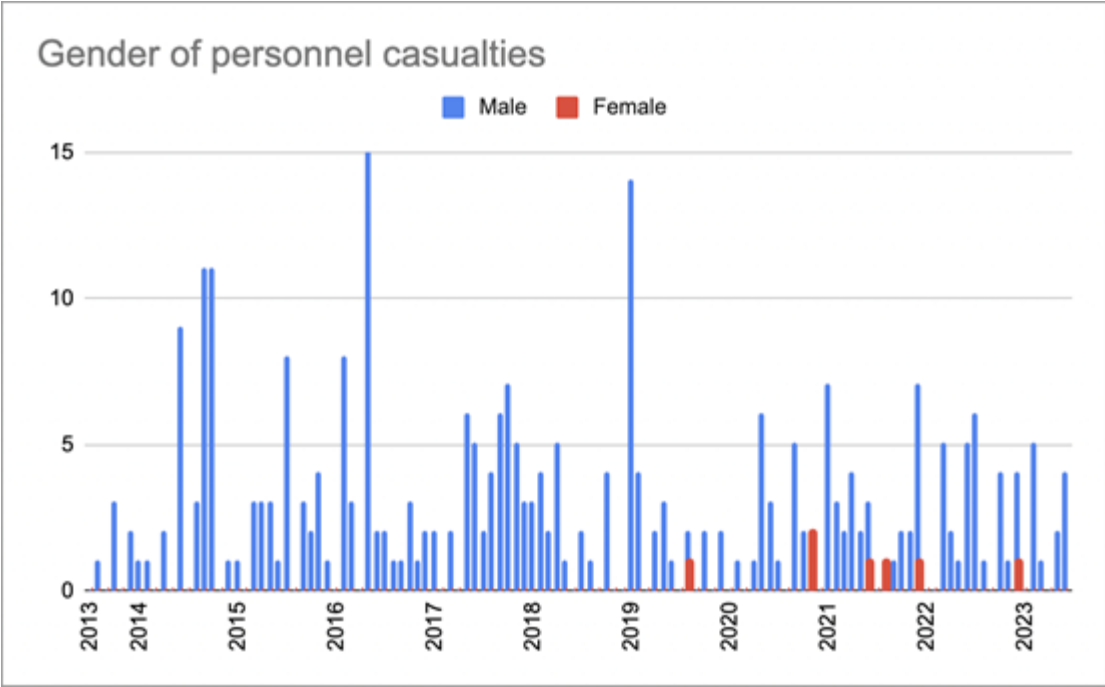
Gender of Civilian Personnel

MINUSMA

United Nations Multidimensional Integrated Stabilization Mission in Mali

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United Nations Multidimensional Integrated Stabilization Mission in Mali

2013-2015 Gender of Uniformed Personnel
- Female 1,6%
- Male 98,4%

2021-2023 Gender of Uniformed Personnel
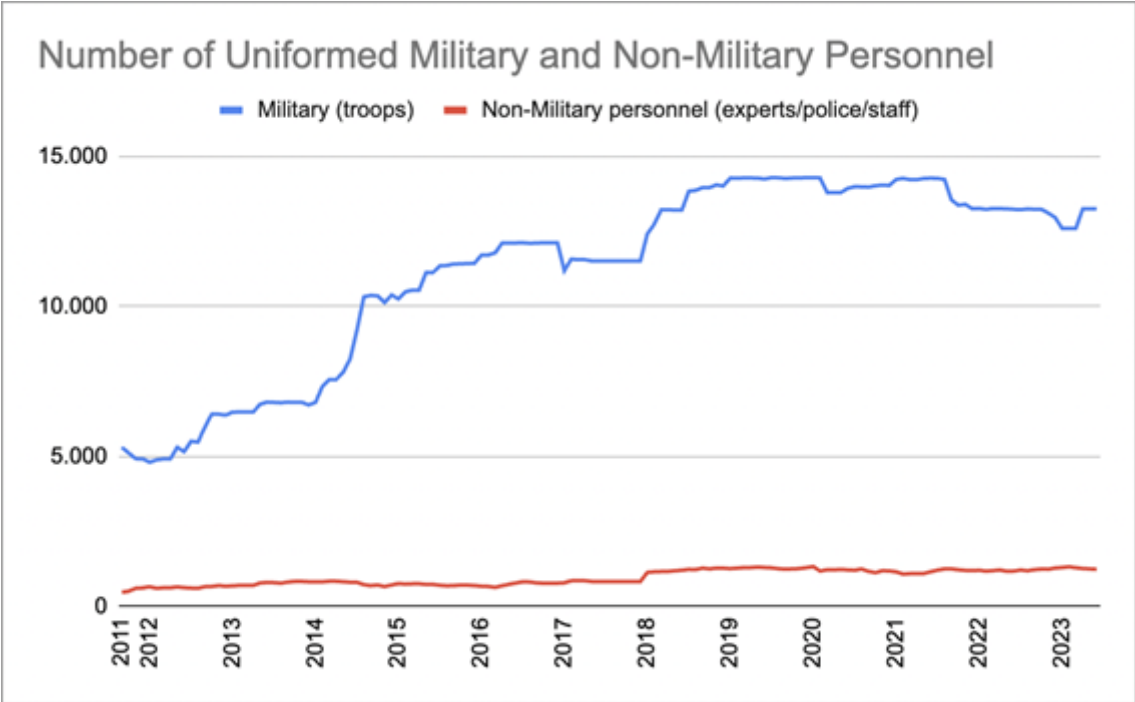- Female 5,8%
- Male 94,2%

MINUSMA

United Nations Multidimensional Integrated Stabilization Mission in Mali

Female personnel facing more risk (8.3% fatality vs 5.8% proportion 2021-2023)
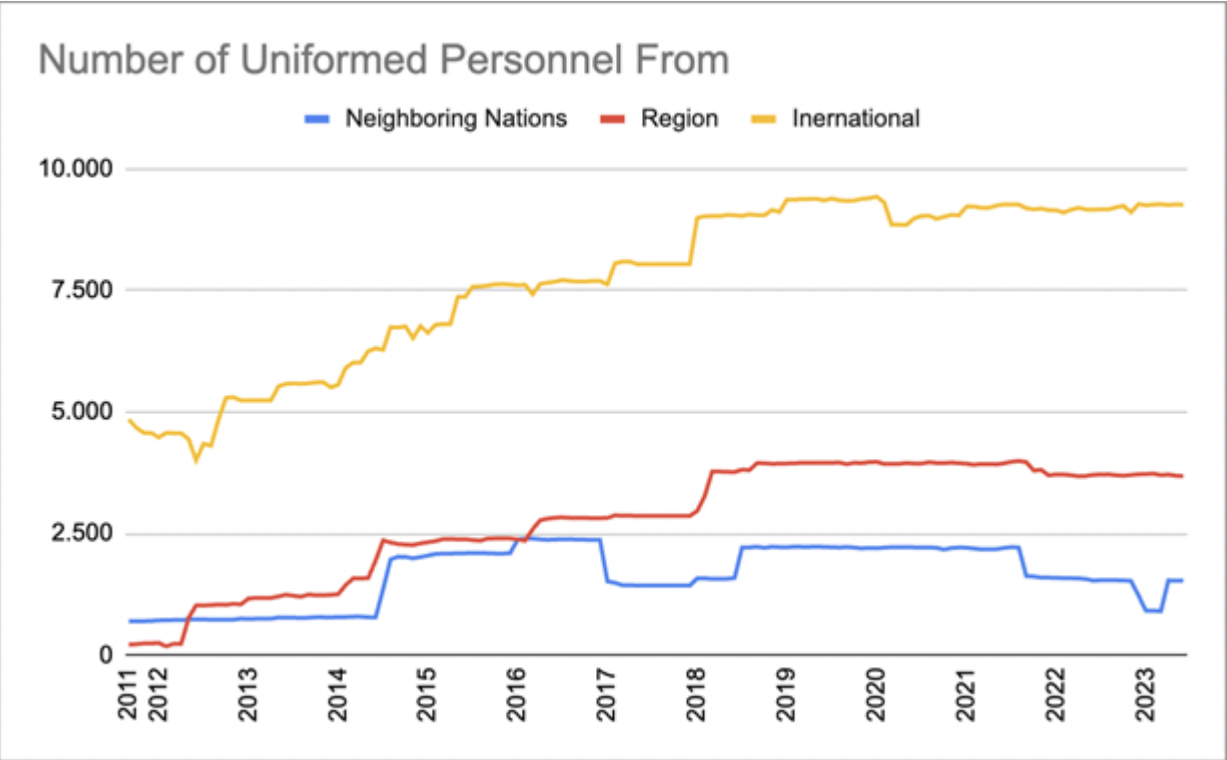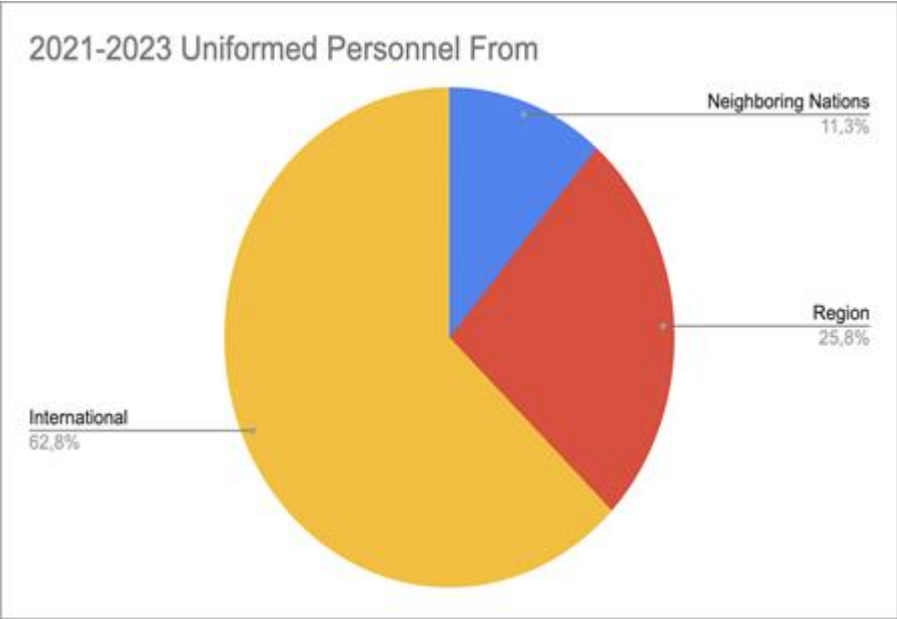
UNMISS
The United Nations Mission in South Sudan

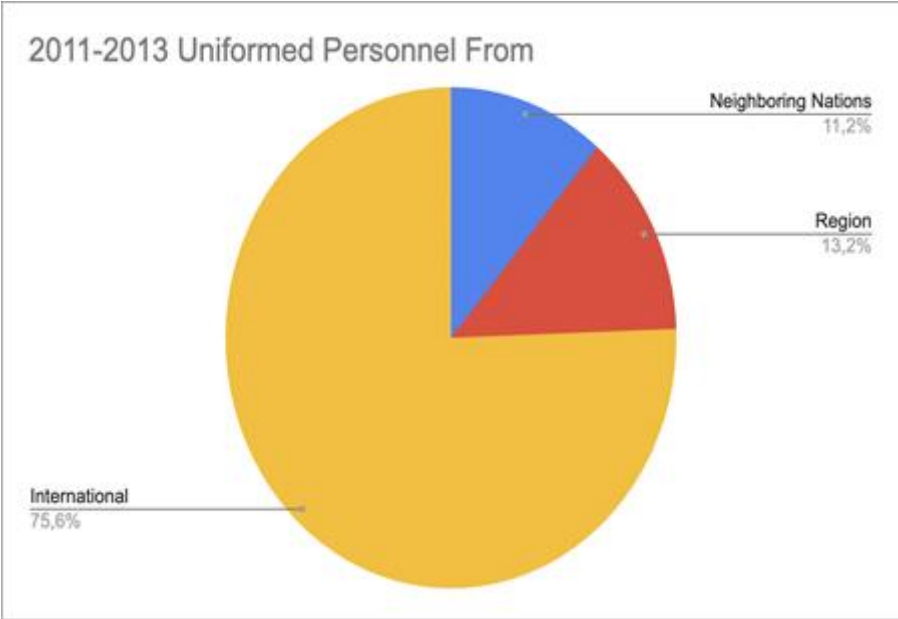Number of Uniformed Military and Non-Military Personnel

UNMISS
The United Nations Mission in South Sudan

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The United Nations Mission in South Sudan

Percentage of Female to Total Uniformed Personnel
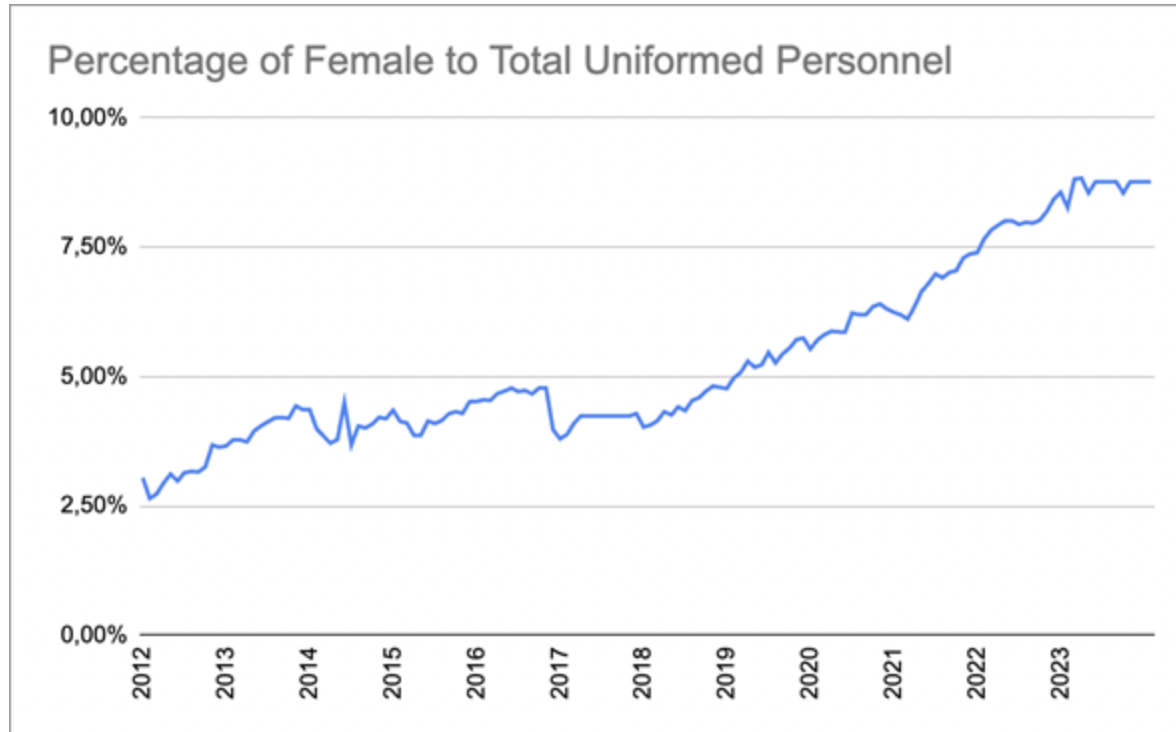
Can this information be used to improve response plans?

What demographic compositions are most effective in guaranteeing stability?

Are these different in different geographic contexts?

Are these different for internal and cross border conflict?

First, we must find a measure for stability
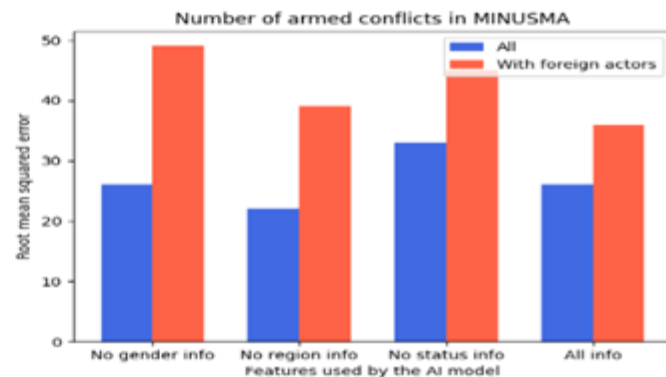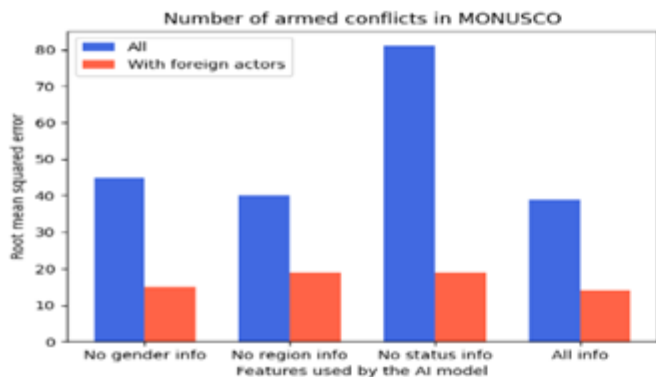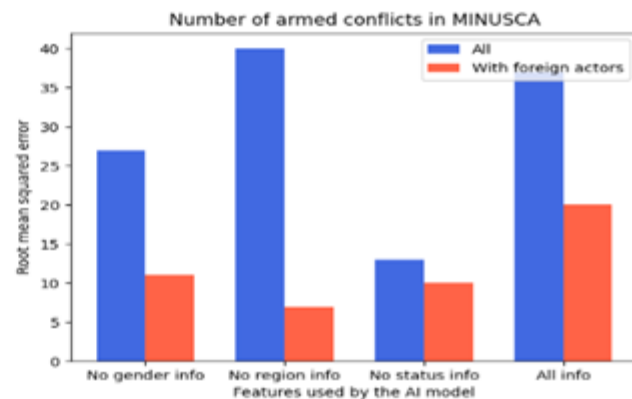
MINUSCA

MONUSCO

MINUSMA

UNMISS

What demographic mix = more stability?

We have partnered with **Dr Melih Kandemir**, Associate Professor of Machine Learning at the University of Southern Denmark, and founder of the SDU Adaptive Intelligence (ADIN) Lab.

His team is training a Recurrent Neural Network (RNN) to investigate which demographic characteristic variables **(diversity indices)** are most correlated with stability in different missions (internally and cross-border).

Number of armed conflicts in UNMISS

Number of armed conflicts in MINUSCA

Number of armed conflicts in MONUSCO

Number of armed conflicts in MINUSMA

Summary of findings