

# Timber Harvesting Monitoring System (Simex)

## Mapping of logging in MATO GROSSO STATE

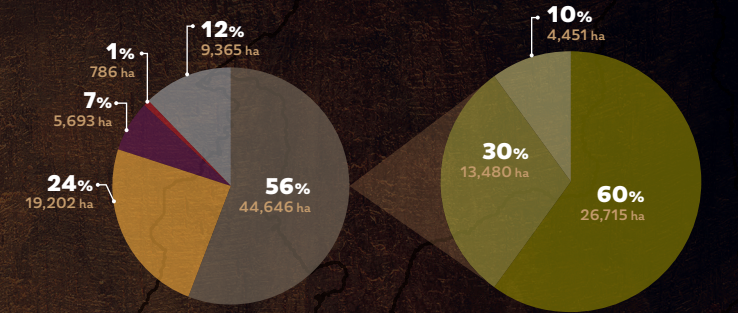
August 2021 to July 2022

Between August 2021 and July 2022, 259,620 hectares of logging were mapped in Mato Grosso, which represents a 6% reduction in the area explored in the state compared to the period of 2021, where 277,048 hectares were mapped. To analyze the legality of the mapped exploration areas, 531 forestry exploration authorizations issued by the State Secretariat for the Environment (Sema/MT) were verified. This assessment identified that 69% of the mapped logging area (179,929 hectares) was logged legally, that is, with valid authorization and within the authorized area. Authorized logging increased by 4% compared to 2021. Illegal logging affected 79,691 hectares of forests in Mato Grosso, which represents 31% of the total logging mapped in 2022. There was a 23% reduction in the illegally logged area compared to the previous period. However, almost 1/3 (31%) of this illegal exploitation occurred in protected areas: 24% in indigenous lands and 7% in conservation units. In indigenous lands, illegal logging increase was 87%, and in conservation units, 50%, compared to the previous period.

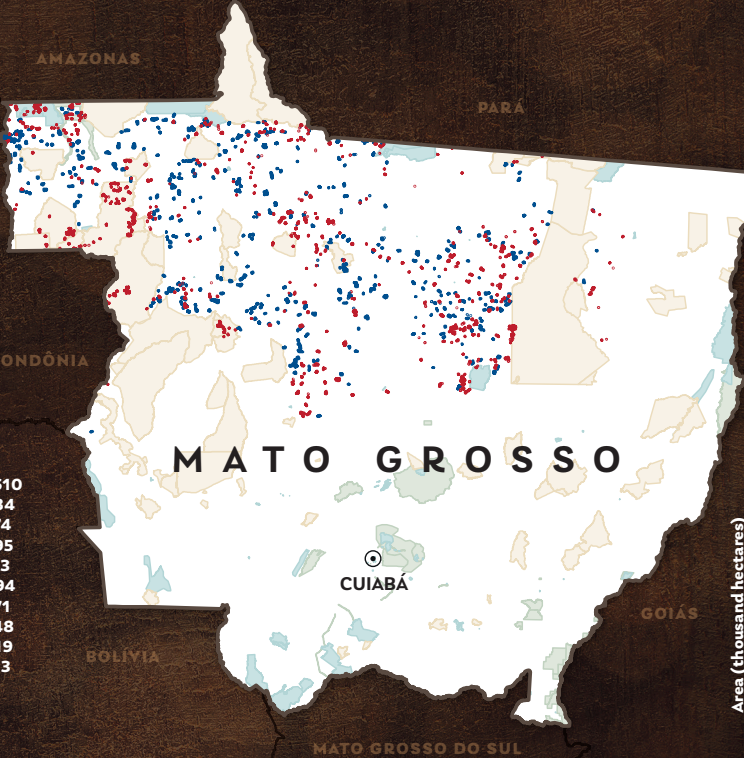
**TIMBER HARVESTING** total **259,620** hectares

**AUTHORIZED LOGGING: 69%**  
**179,929** hectares

**UNAUTHORIZED LOGGING: 31%**  
**79,691** hectares



- Registered rural properties
- Indigenous lands
- Conservation Units
- Rural settlements
- Non-registered lands
- With authorization, but exploited out of date
- In a registered rural property, but without authorization
- With authorization, but exploited beyond the authorized area

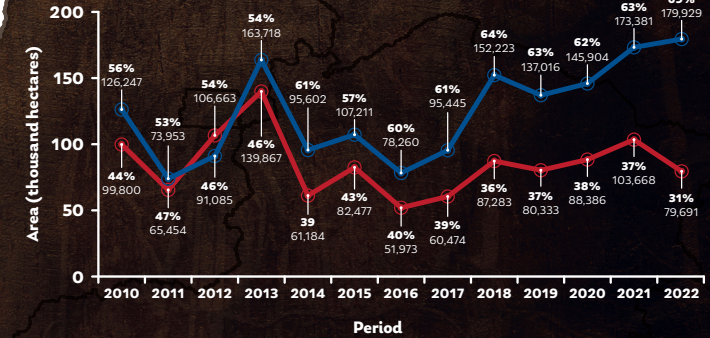


### 10 MUNICIPALITIES with the most UNAUTHORIZED logging

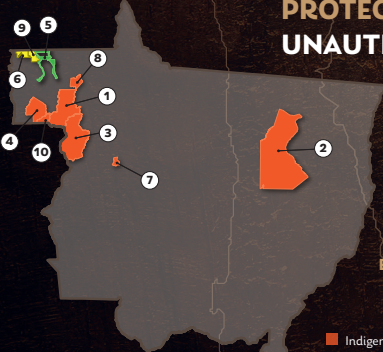


Municipality	Rank	Area (thousand hectares)
Colniza	1º	12,610
Aripuanã	2º	8,584
Nova Ubiratã	3º	6,374
Nova Maringá	4º	5,995
Feliz Natal	5º	5,513
Juína	6º	4,294
Rondolândia	7º	3,471
Juara	8º	3,348
Marcelândia	9º	2,919
União do Sul	10º	2,733

### HISTORICAL of LOGGING in the state



### PROTECTED AREAS with the most UNAUTHORIZED logging



Protected Area	Rank	Area (thousand hectares)
TI Aripuanã	1º	5,729
TI Parque do Xingu	2º	3,761
TI Parque do Aripuanã	3º	2,282
TI Zoró	4º	2,255
Resex Guariba / Roosevelt	5º	2,229
Parque Estadual Tucumã	6º	2,019
TI Menku	7º	1,337
TI Arara do Rio Branco	8º	1,193
Estação Ecológica do Rio Roosevelt	9º	966
TI Roosevelt	10º	570

- Indigenous lands
- Full protection conservation units
- Sustainable use conservation units

**LEGEND**

- Cuiabá
- Mato Grosso state boundaries
- Indigenous Lands
- Full Protection UCs
- Sustainable Use UCs
- Non-authorized logging
- Authorized logging

### ASSESSMENT OF LEGALITY

From the identification and mapping of logging, we assessed legality by comparing the mapped exploration area with valid Forest Exploration Authorizations (Autex and AEF) issued by Sema/MT. These databases are publicly available on the Transparency Portal and the Integrated Environmental Monitoring and Licensing System (Simlam), both managed by the state agency. Both the mapping and the validation of the legality checked were carried out in technical cooperation between the Instituto Centro de Vida (ICV) and the Geoprocessing and Environmental Monitoring Coordination (CGMA) of Sema/MT.

Access the **SIMEX Mato Grosso Dashboard** here

