



# Colombia

## National Mine Rescue System



- ❑ Colombia Today
- ❑ Geological Potential
- ❑ National Mine Rescue System
- ❑ 2017 Highlights

## ☒ Colombia Today

☐ An Unexplored Country

☐ National Mining Rescue System

☐ 2017 Highlights

# COLOMBIA AT A GLANCE

**4<sup>rd</sup>** largest population of Latin America  
with **49.2** million inhabitants.



Average growth  
in the last 5 years

**+3.7%**



GDP 2016: **+2.0%**

**4<sup>th</sup>** largest economy in Latin  
America and one of the  
Region's most stable  
economies.

**GDP 2016 → US\$233.4 billion**

Mining sector GDP → 2,1%

Doing Business Ranking  
2017

**2<sup>nd</sup>** and **53<sup>rd</sup>**  
In LATAM - In the World



**3<sup>rd</sup>**  
main destination of  
FDI in LATAM  
with **US \$ 13.6 billion** in  
2016  
Increased **15.9%**

Ranking IMD World  
Competitiveness

2017  
**3<sup>rd</sup>** and **54<sup>th</sup>**  
In LATAM - In the World



# MINING FACTS

Mining exports reached **USD\$6.8 billion**.  
**22%** of total exports

Mining sector generates  
**350,000** direct jobs and almost  
**1,000,000** indirect jobs.

Coal represents



**65%**  
of total mining  
GDP

**4<sup>th</sup>**  
Thermal coal  
world exporter

Colombia has the  
largest coal reserves in  
Latin America, with a  
share of **46.1%**  
(6,746 million tons).

Gold and metallic minerals  
account for **18%**  
of total Mining GDP

Gold exports in  
increased  
In 2016 **28.1%**

	Latin America	World	2016 Increase
<b>Emeralds</b>	1	2	14%
<b>Coal</b>	1	11	5.8%
<b>Nickel</b>	4	13	1.1%
<b>Gold</b>	4	15	4.4%
<b>Copper</b>	8	48	55%

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# A COUNTRY TO DISCOVER



**3.56%**  
of the country

**Total area**  
114,218,901 Ha

**8,450** Mining titles



## MINERAL SHARE

13,7%

Construction materials

55,16%

Gold and precious metals

8,86%

Other minerals

18,6%

Coal

1,4%

Emeralds

2,25%

Nickel

**Titled area**  
4,067,863 Ha



0,23 %  
Exploration

0,66 %  
Construction and assembly

2,27%  
Exploitation

### KNOWLEDGE OF SUBSOIL

2016

GOAL

GEOLOGICAL

70%

73%

GEOPHYSICAL

40%

44%

GEOCHEMICAL

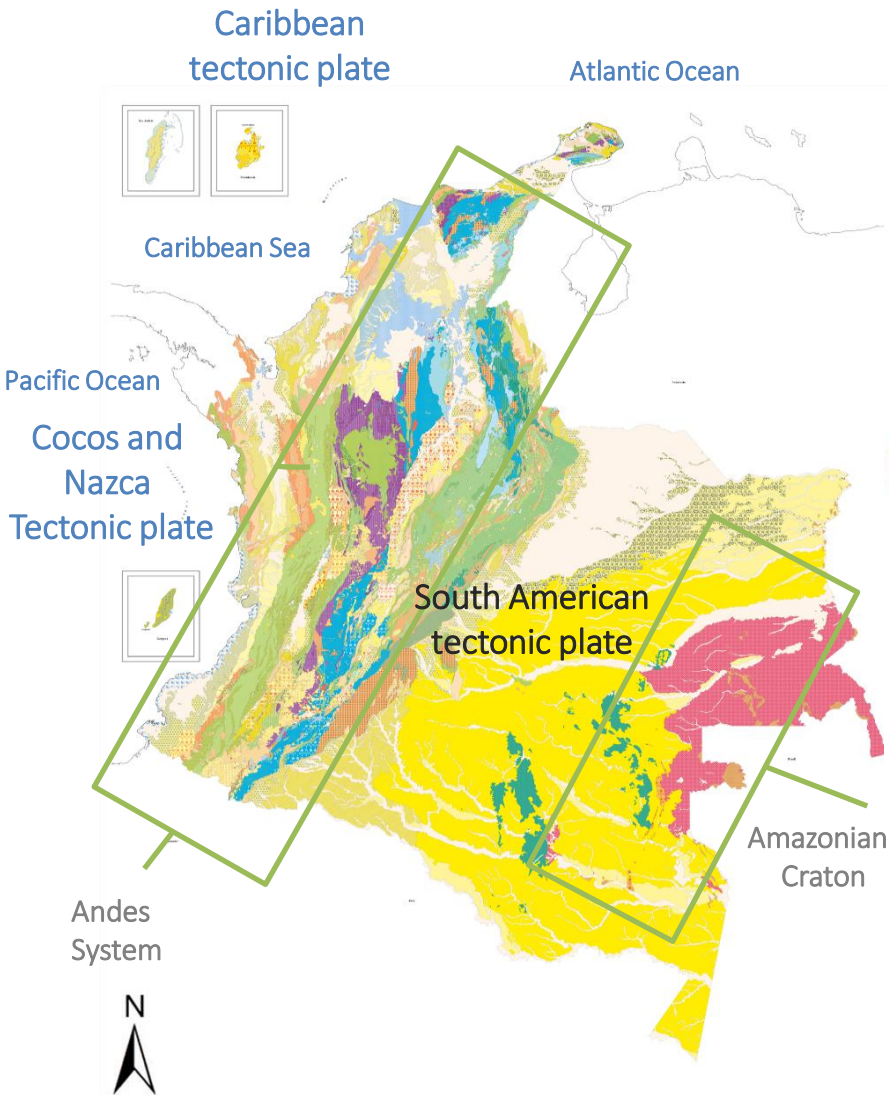
32%

35%

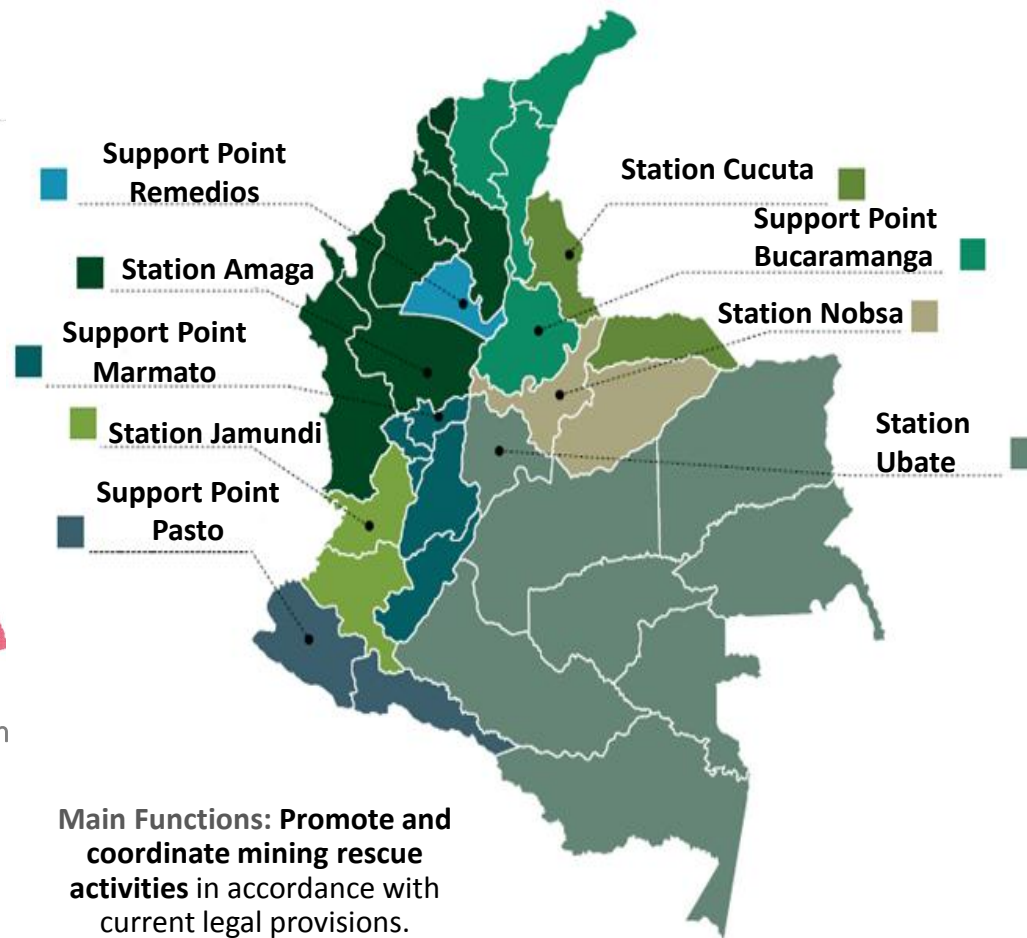


Source: National Mining Agency, Geological Survey of Colombia.

# Colombia's location and the mining safety and rescue group



## Regional presence





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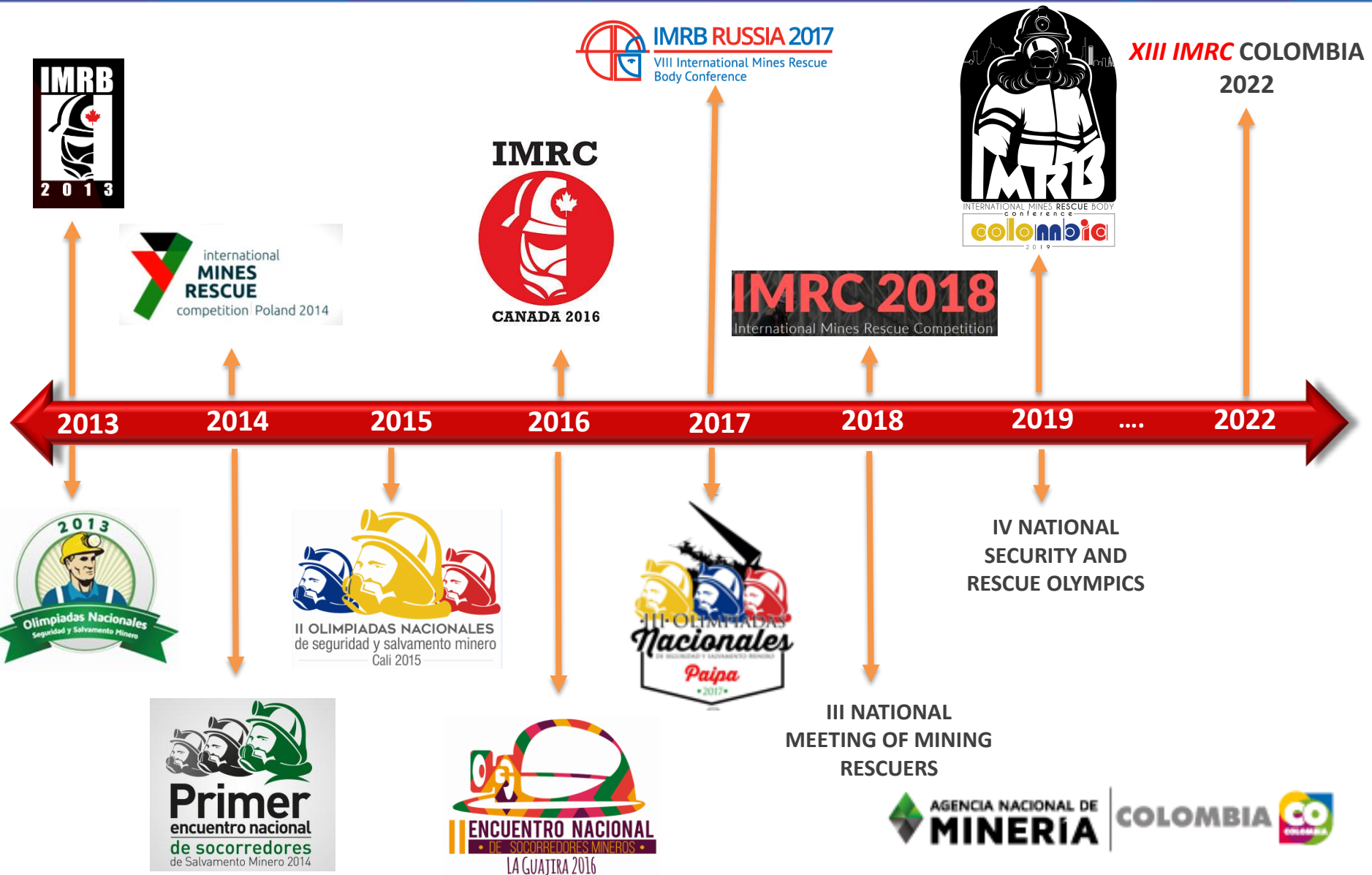


# NATIONAL MINING RESCUE SYSTEM

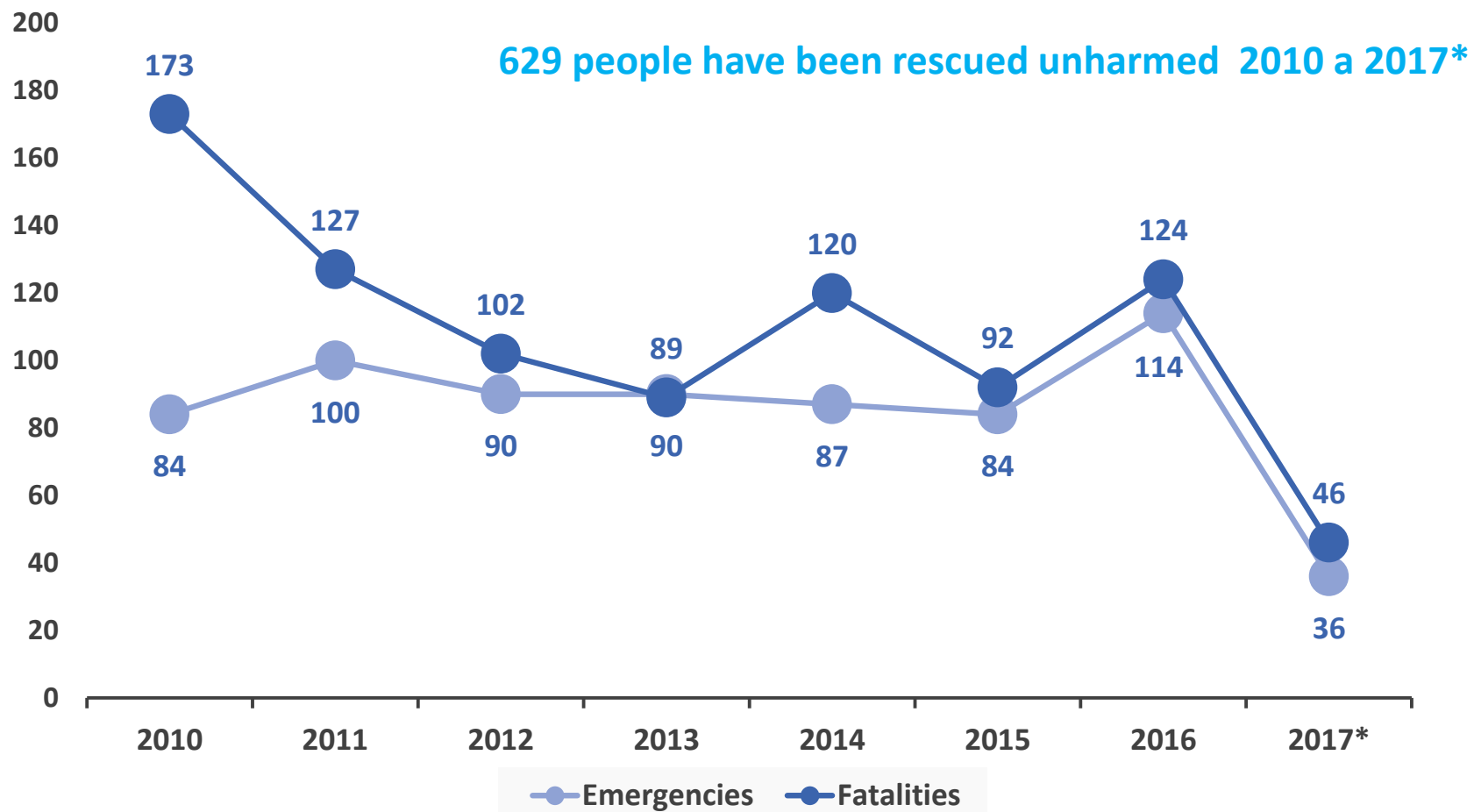
- Mining Rescuers → 1,805
  - Mining Salvage Auxiliaries → 1,554
  - Engineers, Rescue Experts → 35
  - Equipment Mechanics → 15
- “600 Women Linked”



# MINING RESCUE EVENTS

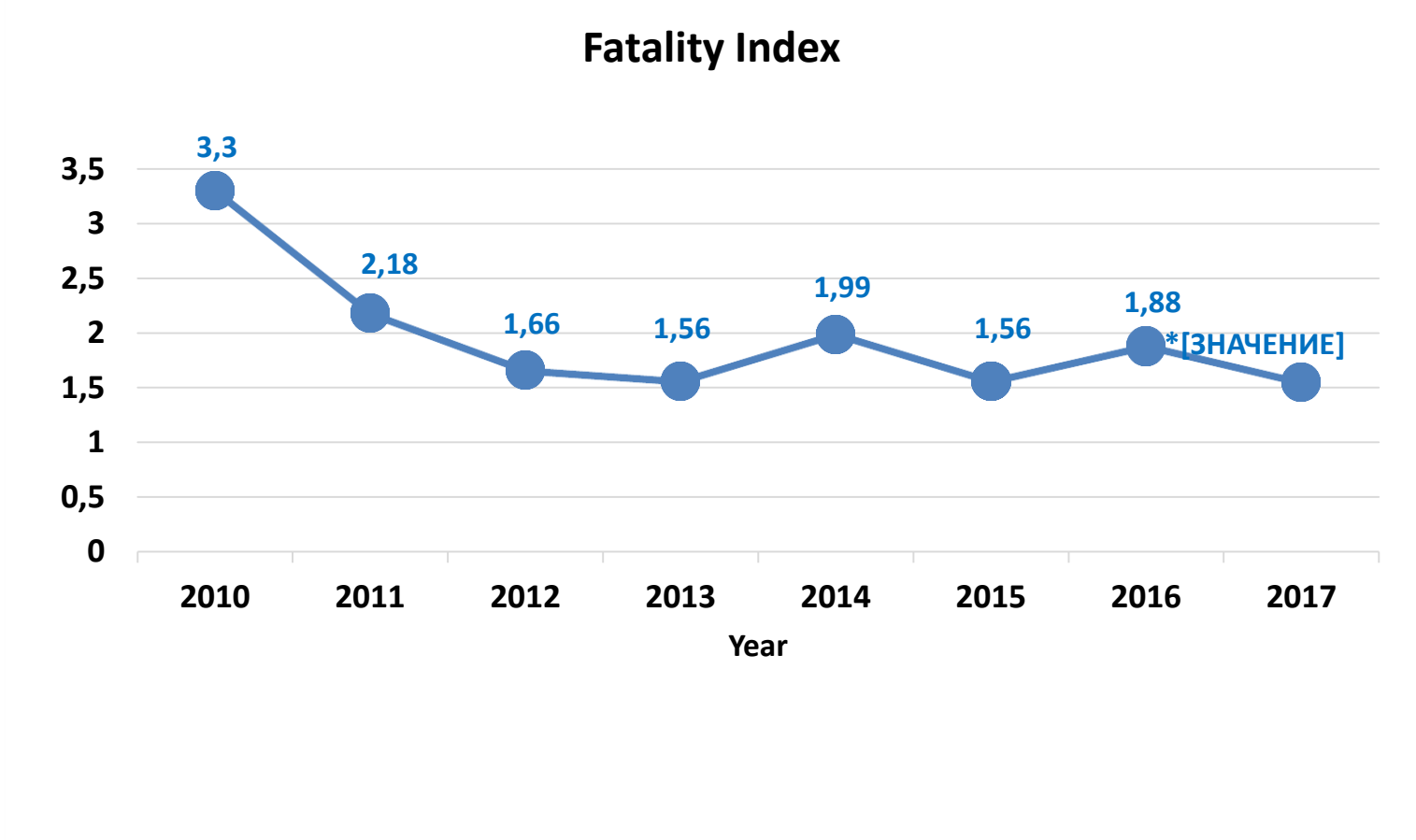


# MINING EMERGENCIES AND FATALITIES



Source: National Mining Agency, \* Second quarter 2017

# MINING EMERGENCIES AND FATALITIES



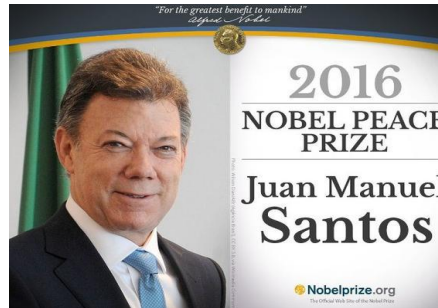
Source: National Mining Agency, \* first semester 2017

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# 2017 HIGHLIGHTS



Peace Process  
Signed in 2016



Colombia will be the

**3rd**

Latin American  
country to complete  
the process of  
becoming a member  
in 2017.

- 2016 had the lowest indicator of violence within the **last 42 years**.
- Kidnapping decreased by **90.2%** (from 2,121 in 2003 to 207 in 2016)
- Civilian homicides decreased by **48.2%** (from 2003 to 2016)

# WORLD CLASS MINING

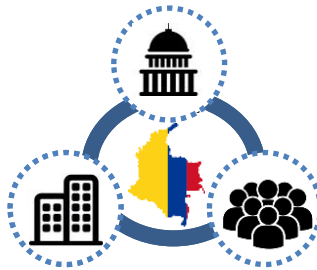


Colombia is committed to promoting responsible supply chains for minerals, according to OECD guidelines.



In 2017, the guidelines and standards of the national mining rescue service are updated in the Vademecum for mining rescue.

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Communities

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Improving governance and transparency of mining sector revenues. "Colombia is a member of the International Board of Directors". 2016



Colombia initiated the project for the creation of the National Certification Commission for Mining Reserves.



# COLOMBIA, “COMMITTED” TO THE SAFETY OF OUR MINERS



7 to 14 September 2019

Thank  
You!!!