



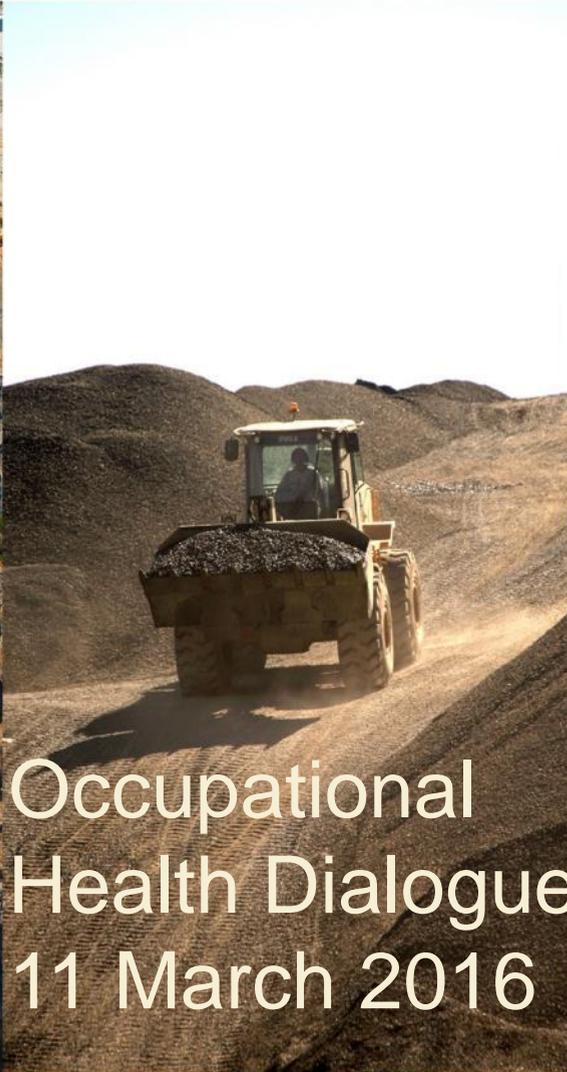
CHAMBER OF MINES
of South Africa



Masoyise

iTB

Let's beat TB



Occupational
Health Dialogue
11 March 2016





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GLOBAL - 2014

- 36.9 million people living with HIV
- 25.8 million people living with HIV are in Sub-Saharan Africa.
- 17.1 million do not know they have the virus and
- 22 million do not have access to HIV treatment

- 9.6 million new cases of TB in 2014
- 1.5 million people died of TB. Of these people 0.4 million people were HIV positive

Source: UNAIDS



SOUTH AFRICA

- 6.7 million people living with HIV
- South Africa has the highest prevalence of HIV/AIDS compared to any other country in the world
- 18.9% of people > 15 years are HIV positive

- 450,000 cases of active TB in 2013
- 1% of the population develop active TB disease each year
- 73% of TB patients are HIV positive



WHO - END TB TARGETS

| Indicators | Milestones | | Targets | |
|--|------------|------|----------|-------------|
| | 2020 | 2025 | SDG 2030 | END TB 2035 |
| Reduction in number of TB deaths, compared to 2015 (%) | 35% | 75% | 90% | 95% |
| Reduction in TB incidence rate compared to 2015 (%) | 20% | 50% | 80% | 90% |

90 – 90 - 90

By 2020:

- 90% of all people living with HIV know their status
- 90% of all people with diagnosed HIV receive antiretrovirals.
- 90% of all people receiving antiretrovirals have viral suppressions



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Mining Industry Targets for TB and HIV - Milestones



By December 2024, TB incidence rate should be at or below the national incidence rate.

100% of employees should be offered HIV counselling and testing annually and eligible employees linked to ART programme.



Background

- Announcement by Deputy President, Cyril Ramaphosa on 24 March 2015, to increase screening in high risk groups.
- Chamber requested by Department of Health, in July 2015, to lead screening of mineworkers.
- Chamber Council approved the Masoyise iTB project in September 2015.



Project purpose

- To screen all employees (permanent and contractors) in the industry for TB and HIV over the next 3 years, building on progress made to date.

Project aim

- To have a meaningful impact on the TB challenge in the country, reducing the current high incidence rate as we seek to ultimately eliminate TB.



Project scope

- All current employees, including contract workers, should be screened for TB using a cough questionnaire and be offered HIV counselling and testing annually for the next 3 years.
- ALL employees, from the CEO down should be screened for TB and HIV.
- A unique identifier (ID/Passport /TEBA/ Industry and Company Number) should be utilised to obviate duplicate counting.



Institutional arrangements

Steering Committee

- ✓ *High level support*
- ✓ Principals from all stakeholders



Project Committee

- ✓ *Technical Experts/*
- ✓ *Programme implementers*
- ✓ *Guide project delivery*

Stakeholders

Employers
Unions
DOH
DMR
MHSC
SABCOHA
NIOH
NHLS
IOM
ILO
WHO



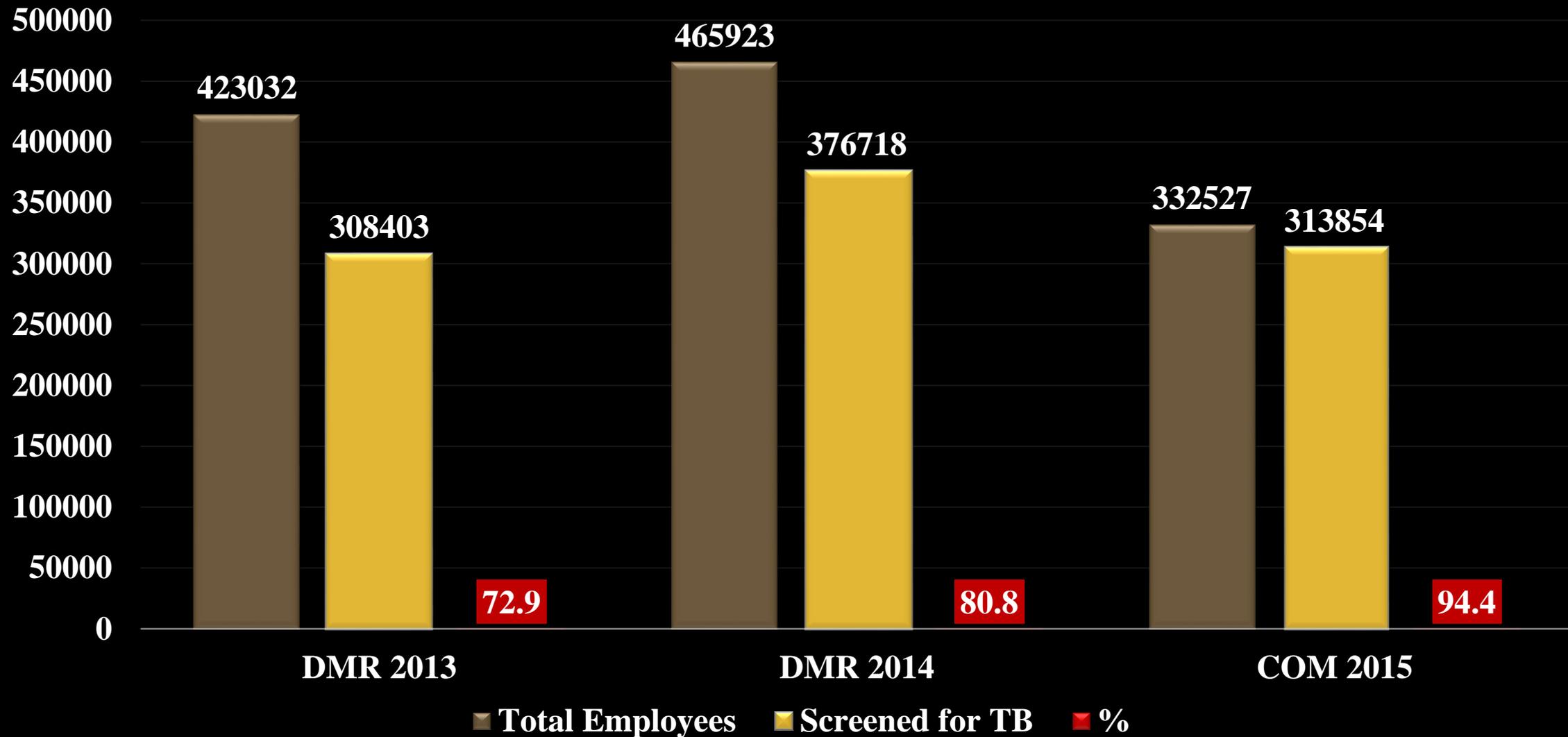
Added value

- Complements existing interventions and collaborations.
- Increase contact tracing beyond the mine.
- Include small mines.
- Increase access to diagnostics and other consumables.



Outcomes: TB Screening - Data from DMR 164 and COM

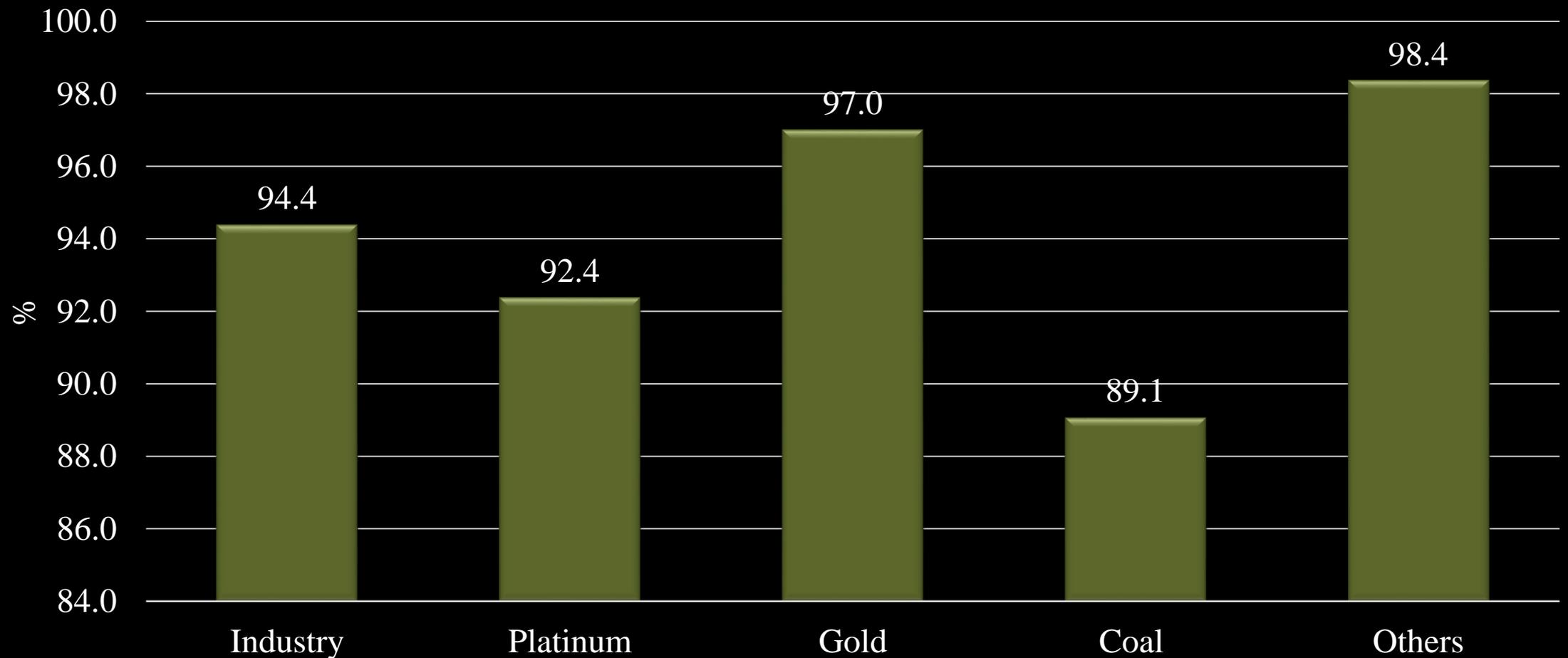
Employees screened for TB





Screened for TB, per commodity – Data from COM 2015

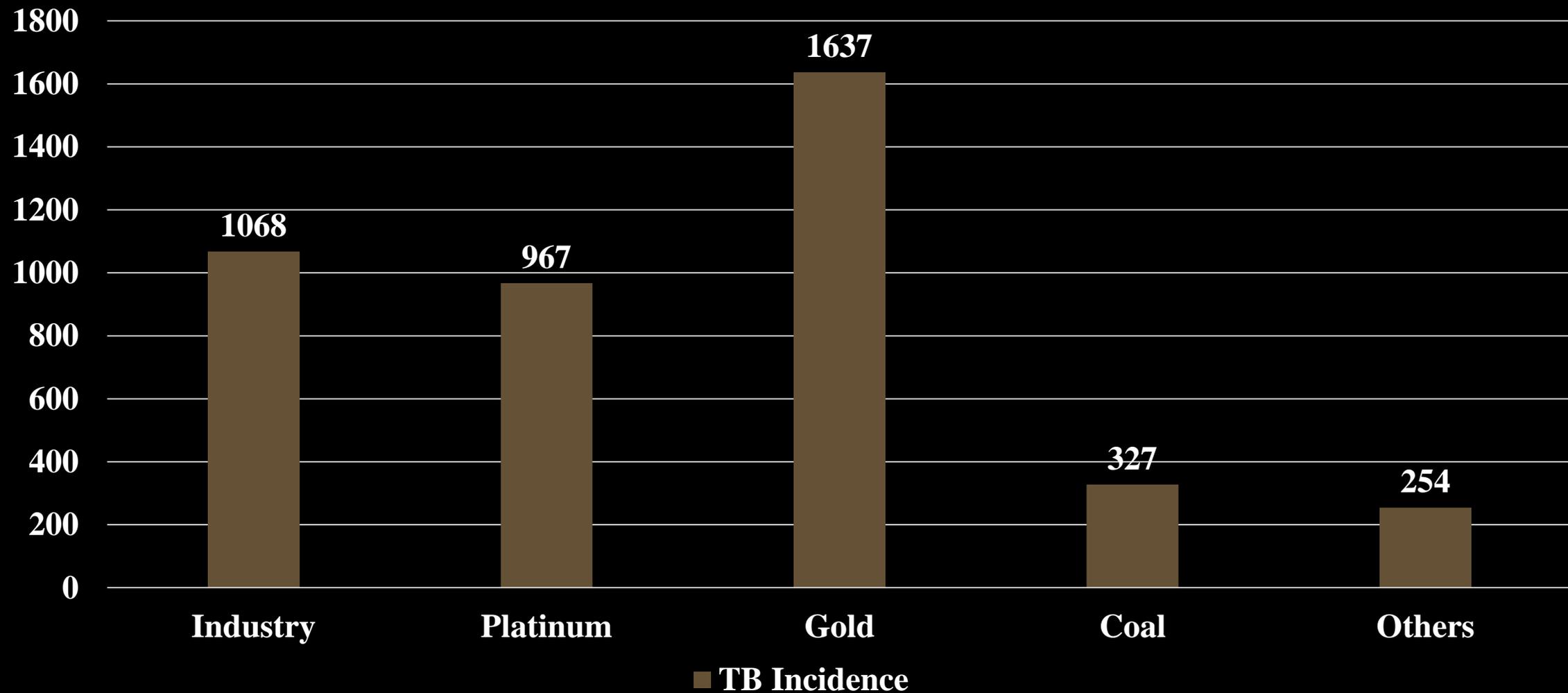
Percentage employees screened for TB





TB Incidence: Data from COM - 2015

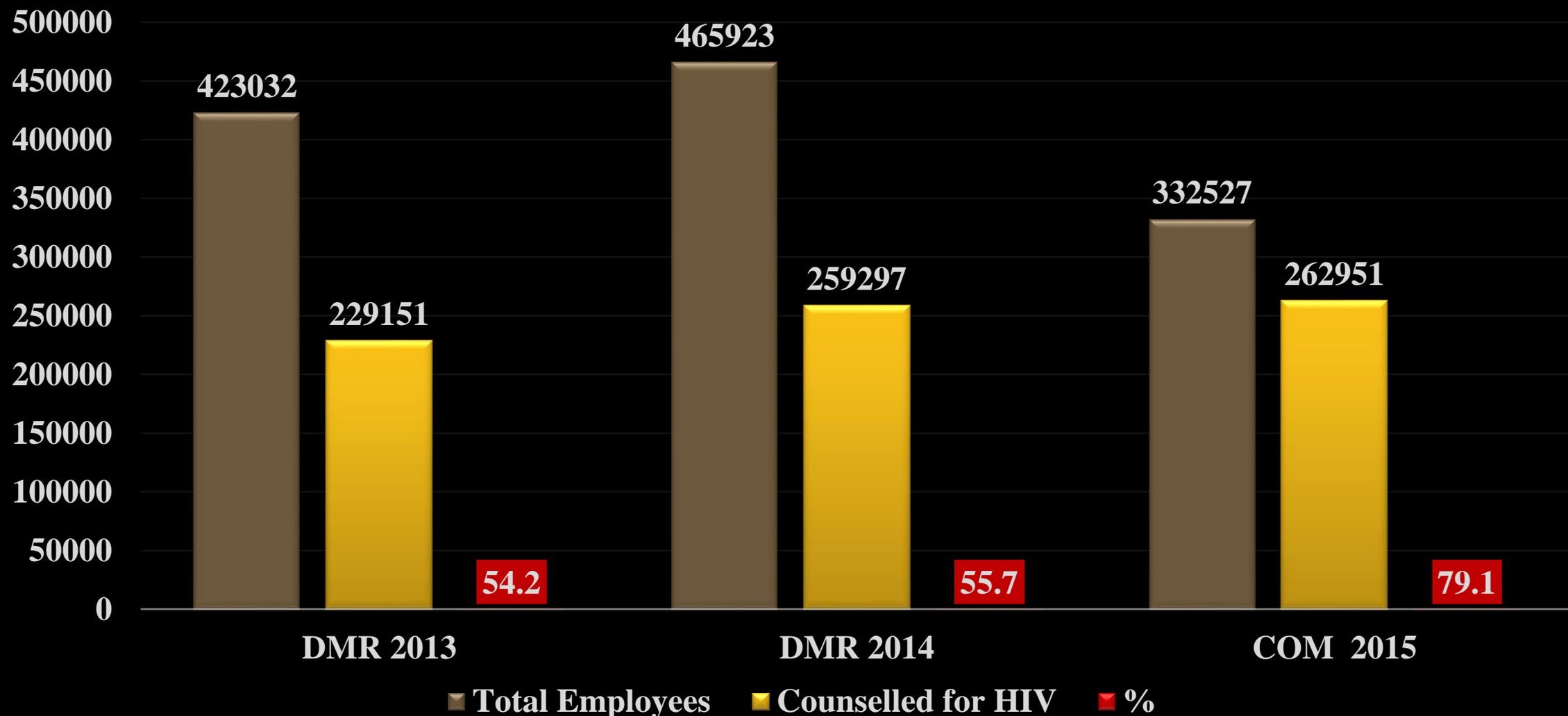
TB Incidence per 100 000 employees





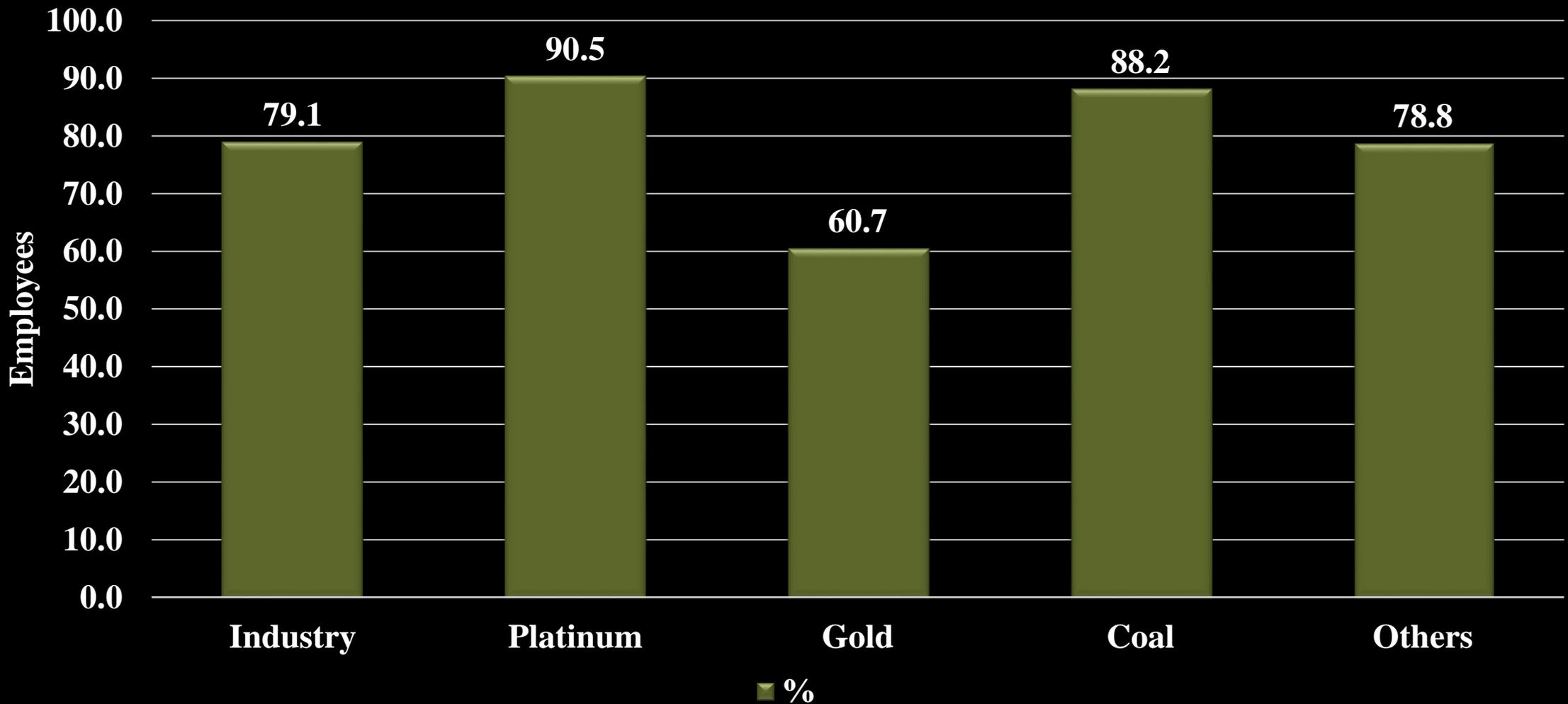
HIV Counselling - Data from DMR 164 and COM

Employees Counselling for HIV





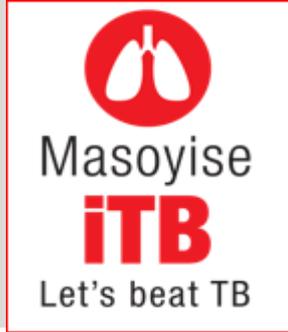
Percentage employees counselled for HIV





Conclusion

- Masoyise iTB is making a major contribution to South Africa's commitment to screen and test for TB and HIV.
- The results of the base year, 2015, show high levels of testing.
- The industry needs to close the gap between current screening levels and those it has committed to.
- Through Masoyise iTB there is, and will be the strengthening of collaborations between all stakeholders.



Thank You