



Businesses for Health Papua New Guinea

Yes

We can End TB

World
Tuberculosis Day

Friday 24 March



www.businesses4health.com
FB@B4HTB

Walk on Sunday March 26 #march4TB
5am Sir Hubert Murray Stadium #endTB
businesses4health.com
FB@B4HTB #coveryourcough

Workplace TB Training April 4-6
Book NOW 7676 2482



#EndTB #coveryourcough

| | |
|--------------|---|
| Title | World Tuberculosis (TB) Day 2023 “Yes! We Can End TB in PNG” |
| Subject | Raising awareness of the Tuberculosis (TB) crisis in PNG in 2023 |
| Author | Businesses for Health PNG |
| participants | Primary school up |
| Time | 45 minutes – up to an hour |
| Overview | World TB Day and awareness about PNG’s TB crisis |
| Objective | <ol style="list-style-type: none">1. Understand basics of TB – airborne not droplet2. Appreciate the size & complexity of the TB crisis in PNG - DR, DS, EPTB, PTB3. Promote conversation about support, care and respect for TB patients4. Sing the B4H World TB Song https://businesses4health.com/world-tb-day |

Materials



1. TB Fact Sheet- Page 3 *Tuberculosis Profile: Papua New Guinea*

2. Key words – for board/flash cards:

- WHO High burden 2016-2020 - triple layer epidemic
- Active Disease
- Infected
- Uninfected
- TB/HIV Co-infection
- Exposure
- Mycobacterium Tuberculosis
- Airborne transmission
- Droplet spread transmission

2. Ventilation -TB is spread when ventilation is poor. Windmill exercise

3. World TB Song Sheet- Page 4. Song words & tunes to download and share here: <https://businesses4health.com/world-tb-day-22>

4. Data to post and share TB KEY WORDS –Video/Phone/data/post pics of group using hashtags #coveryourcough #endTB #March4TB #InvestToEndTB

5. promote World TB Day walk & #March4TBwith NCD Governor Sunday March 26th gather 5am Sir Hubert Murray

World Tuberculosis (TB) Day 2023 “Yes! We can End TB”

Activities

1. TB flash cards/words on board – distribute key words and explain each term

2. Make windmills, explain TB is airborne, COVID is more infectious because it is airborne AND spread by droplets. Viruses and Bacteria infect those closest to the person breathing, coughing or sneezing – use windmills to discuss range of airborne and droplet spread germs and effect of ventilation.

2. Discuss words to song – Niupela pasin, Coveryourcough, testing, treatment, and support

3. Allocate chorus, lines, or wholes verses to small groups learn words and rehearse

4. Learn, practice, record, and post to @B4HTB

Conclusions

TB is preventable and treatable. Sharing accurate information with family starts HERE

NOTES:

World TB Day 2023 **"Yes! We can End TB"**

March 24: Recognises the date in 1882 when Dr. Robert Koch announced his discovery of Mycobacterium tuberculosis, the bacillus that causes tuberculosis (TB).

Last year, more than 5000 people died of TB in PNG. TB day is an opportunity raise awareness of the burden of TB in PNG. Today we share successes in workplaces in PNG. Improvements in testing and treatment, identify and plan to overcome barriers that prevent the elimination of TB from PNG.

TB and coughing ARE NOT NORMAL. PNG has the worst rate of children with TB in the world PNG's rates of TB place an enormous burden on families, workplaces, and hospitals. TB has been eliminated from most countries in the world.

Facts: LAST YEAR: 42,000 people sick, 5200 died, a quarter are children, most are of working age.

Tuberculosis remains a major public health problem in PNG, one of the 30 high TB and MDR-TB burden countries in the world.

The estimated incidence of TB was 441 per 100,000 population in 2020, which is one of the highest globally. TB treatment success rate stands is improving, and can be 100% when workplaces and families lean in to support TB patients, TB is a leading cause of death in PNG and PNG's deadliest infectious disease.

The COVID-19 pandemic significantly reduced the delivery of TB services in Papua New Guinea. TB case notifications were reduced by 8% in 2020 and 21% in 2021 as compared to 2019.

TB & COVID

The National Capital District is the province with highest burden of TB in the country. The NCD registered a 14% (972 case) decrease in TB case notifications in 2020, from 6,819 in 2019 to 5,849 cases in 2020 and the reduction is even more in 2021. This is attributed to COVID-19 lockdowns and interruptions in service availability.

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| <i>Prepared by</i> | www.businesses4health.com |
| <i>Conclusions</i> | Lessons learned from this session |
| <i>Follow up</i> | Contact Businesses for Health and develop an annual program of TB prevention care and support for your workplace. |

Tuberculosis profile: Papua New Guinea

Population 2021: 9.9 million

Estimates of TB burden*, 2021

| | Number | (Rate per 100 000 population) |
|---------------------------|------------------------|-------------------------------|
| Total TB incidence | 42 000 (34 000-51 000) | 424 (340-517) |
| HIV-positive TB incidence | 4 600 (1 600-9 100) | 46 (16-91) |
| MDR/RR-TB incidence** | 2 400 (610-4 100) | 24 (6.2-41) |
| HIV-negative TB mortality | 5 100 (3 300-7 200) | 51 (33-73) |
| HIV-positive TB mortality | 370 (150-670) | 3.7 (1.6-6.8) |

Estimated proportion of TB cases with MDR/RR-TB*, 2021

| | |
|--------------------------|--------------|
| New cases | 4% (1.6-8.4) |
| Previously treated cases | 23% (6.2-53) |

Universal health coverage and social protection*

| | |
|--|-------------|
| TB treatment coverage (notified/estimated incidence), 2021 | 68% (56-85) |
| TB patients facing catastrophic total costs, 2019 | 34% (27-42) |
| TB case fatality ratio (estimated mortality/estimated incidence), 2021 | 13% (8-19) |

TB case notifications, 2021

| | |
|--|--------|
| Total new and relapse | 28 873 |
| - % tested with rapid diagnostics at time of diagnosis | |
| - % with known HIV status | 62% |
| - % pulmonary | 53% |
| - % bacteriologically confirmed ^ | 36% |
| - % children aged 0-14 years | 23% |
| - % women (aged ≥15 years) | 36% |
| - % men (aged ≥15 years) | 41% |
| Total cases notified | 30 180 |

TB/HIV care in new and relapse TB patients, 2021

| | Number | (%) |
|---|--------|-----|
| Patients with known HIV status who are HIV-positive | 1 068 | 6% |
| - on antiretroviral therapy | 898 | 84% |

Drug-resistant TB care**, 2021

| | |
|---|-----|
| % of bacteriologically confirmed TB cases tested for rifampicin resistance - New cases ^ | |
| % of bacteriologically confirmed TB cases tested for rifampicin resistance - Previously treated cases ^ | |
| Laboratory-confirmed cases - MDR/RR-TB (without pre-XDR-TB/XDR-TB) ^^ | 478 |
| Patients started on treatment - MDR/RR-TB (without pre-XDR-TB/XDR-TB) ^^ | 412 |
| Laboratory-confirmed cases - pre-XDR-TB or XDR-TB ^^ | 3 |
| Patients started on treatment - pre-XDR-TB or XDR-TB ^^ | 3 |
| MDR/RR-TB cases tested for resistance to any fluoroquinolone | |

Treatment success rate and cohort size

| | Success | Cohort |
|--|---------|--------|
| New and relapse cases registered in 2020 | 74% | 27 14 |
| Previously treated cases, excluding relapse, registered in 2020 | 56% | 1 04 |
| HIV-positive TB cases registered in 2020 | 66% | 1 35 |
| MDR/RR-TB cases started on second-line treatment in 2019 | 70% | 28 |
| Pre-XDR-TB/XDR-TB cases started on second-line treatment in 2019 | 100% | |

TB preventive treatment, 2021

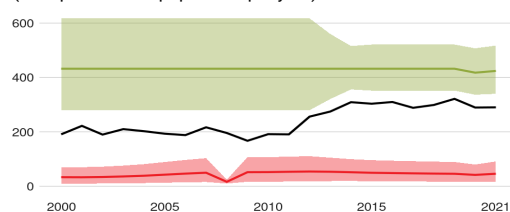
| | |
|---|-------------|
| % of HIV-positive people (newly enrolled in care) on preventive treatment | 18% |
| % of children (aged < 5 years) household contacts of bacteriologically-confirmed TB cases on preventive treatment | 27% (25-25) |

Learn to interpret this facts and figures at B4H workplace TB training.

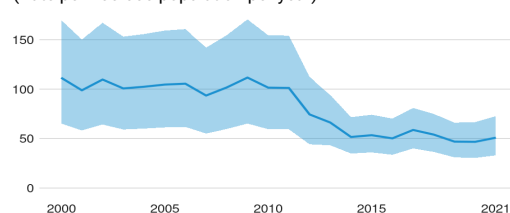
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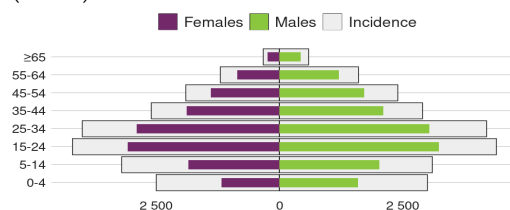
Incidence, New and relapse TB cases notified, HIV-positive TB incidence (Rate per 100 000 population per year)



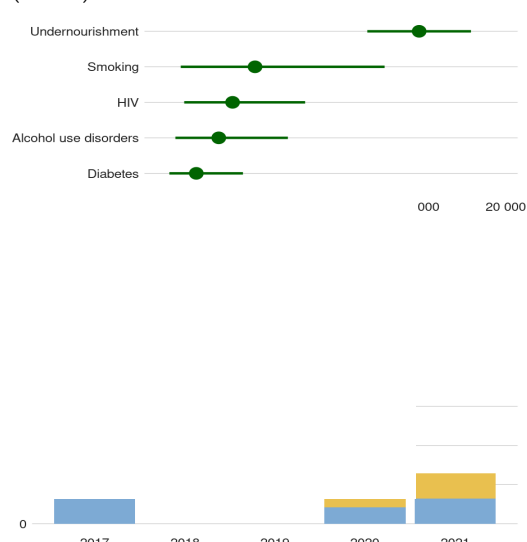
HIV-negative TB mortality (Rate per 100 000 population per year)



Incidence, Notified cases by age group and sex, 2021 (Number)



Cases attributable to five risk factors, 2021 (Number)





Hello everyone, choose a friend, take a left, take a right
B4H will talk about TB, are you ready for the ride?

Verse 1

Ooh TB no stap lo haus tasol

Now em stap lo wokples too

COVID tu em niupla sik

Tingm tu ol narapla sik

wokples nau mas bung wantaim

na lukautim ol employees

karamapim kus na werim mask

wasim han em namba wan tu

taim yu sik please stap lo haus

Niupela pasin, niupela way

TB Day, yumi bung wantaim lo savim lives.

TB Day, yumi bung wantaim lo savim lives.

Verse 2

Ooh nambawan killer em TB cough

mipla laikm yu long sekim kus

nambawan wok em long pinisim sik

kism support long ol poro

TB sik igat marasin

yu inap kism na stap long wok

kaikai gut na ekseais

yumi laikm helti PNG

Walk & Yoga for Life



WORLD TB DAY **YES!**

WE CAN END TB



#March4TB
#EndTB
#coveryourcough

Join the walk

From Sir Hubert Murray Stadium to Ela Beach
5:30am - 8:30am | Sunday 26th March



Note: The management of NCDC, ACDP or the office of the Hon. Governor of NCD and our sponsors will not be held liable for any injury or accident. Therefore, all participants are personally responsible for their own safety throughout the entire event.

COVER YOUR COUGH

Businesses for Health:
TB Toll Free Infoline 7676 2482

B4H DONOR BENEFITS



An update for your SMT on the TB, drug resistance and HIV crisis in PNG



Training for 2 of your staff in infection prevention & control of TB, HIV & COVID



Information about policies & programs which save lives through early case finding



Learn how to access FREE testing, treatment and support



Save a life.
businesses4health.com

Register up to 2 of your current TB wardens for our WORLD TB DAY and sustainable development toolbox workshop Friday March 24 2023

PNG's rates of TB and drug resistance are amongst the worst in the world. This year more than 5000 people will die from TB. More than 40,000 people will be very sick. Your workplace can play a huge part in finding TB cases sooner, and supporting access to free treatment.

INVEST IN TB. SAVE LIVES.

B4H trains non-health-staff in simple and effective TB and HIV workplace health promotion programming. We help you to find people with TB and to minimise the impact of PNG's deadliest infectious disease on your business.

ABOUT B4H PNG

Businesses for Health (B4H) is a registered not for profit association. We support the National TB program in its mission to reduce the burden of TB on the people of PNG.

REQUEST A BRIEFING FOR YOUR SMT

Ensure your exec team know about PNG's TB crisis. Request a briefing email Dr Ann Clarke annmclarke@businesses4health.com

FOLLOW OUR SOCIAL POSTS

#COVERYOURCOUGH
#ENDTB #B4HPNG

Visit B4H at G4S Haus, Konedobu, NCD

Book Workplace Training b4hpngassist@gmail.com

Workplace TB Case support
Teresa Koratsi
bmobile toll free 76762482



Businesses for Health:
Tuberculosis and HIV



Businesses for Health:
Tuberculosis and HIV

Your donation helps Businesses for Health (B4H) to train non-health-staff in simple and effective TB and HIV workplace health promotion programming. We help to find people with TB and to minimise the impact PNG's deadliest infectious disease on your business

Annual Donors send their people to our workplace training courses

Donors:

- < 20 employees please send 1 person to training & donate K 1500
- < 100 employees please send 2 people to training and donate K 3000
- 100+ employees please send 2 people to training and donate K 5000

B4H can tailor a TB & HIV workplace training course for your business, customers, suppliers or local community leaders. Train up to 20 TB wardens in a system designed for your industry and receive year-long support for your TB wardens.

Contact Ann for more details
annmclarke@businesses4health.com

TB toll free info line 7676 2482

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| 2023 Training Course |
| April 4-6 Port Moresby |
| June 20-22 Port Moresby June 27 - 29 Lae |
| The WORLD TB DAY toolbox workshop Friday March 24 is FREE for 2 TB wardens |

email to book your place at workplace TB training with Lorrie or Teresa b4hpngassist@gmail.com

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Sponsors Contact Dr Ann Clarke
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www.businesses4health.com