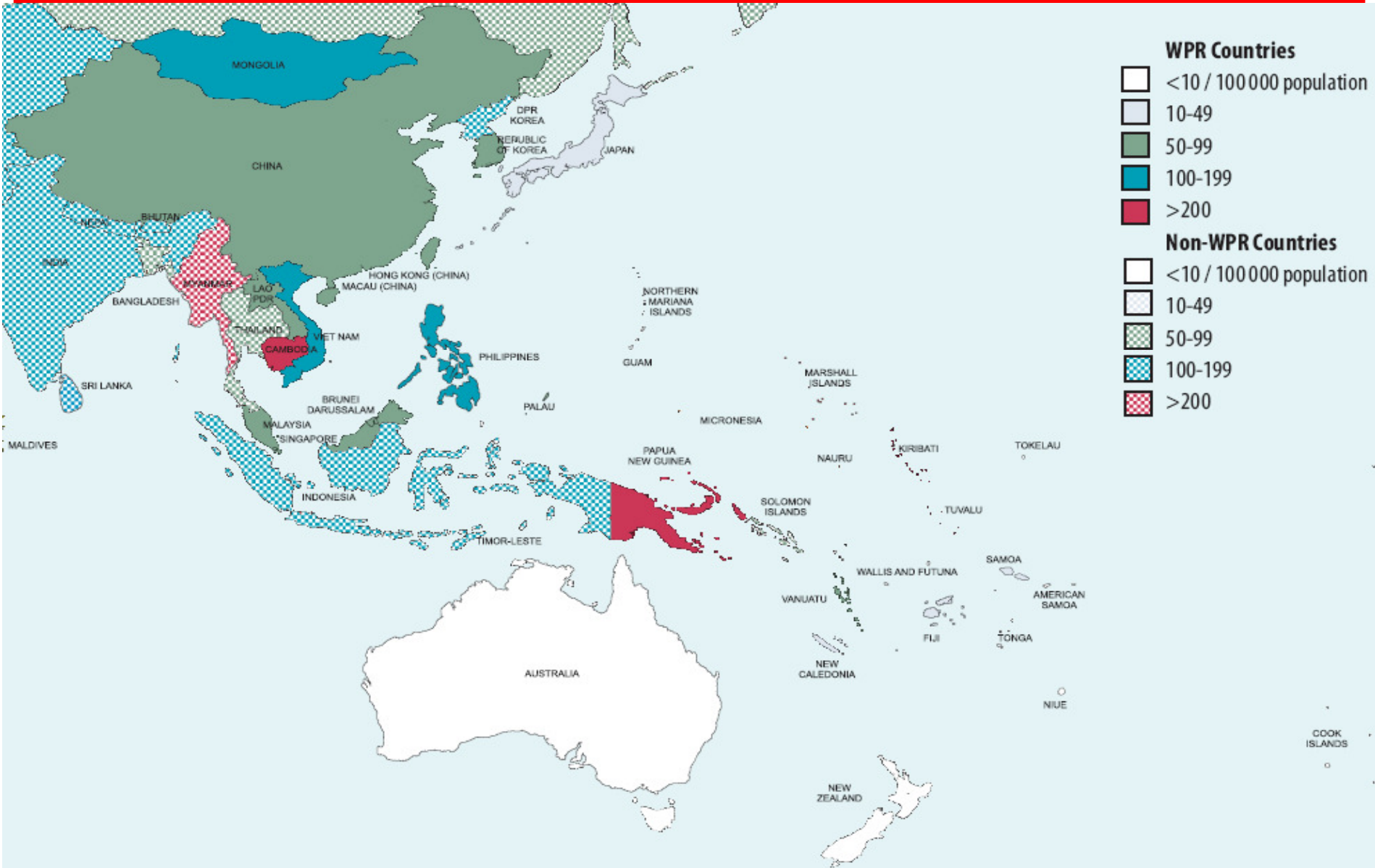


WHO Regional Perspectives

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WHO Western Pacific Region

Global Consultation of the SRLN
Geneva 14-15th April 2010

Regional Overview



MDR-TB in the Western Pacific: Treatment lagging behind



	Estimated annual new MDR	Estimated treated MDR cases in 2008
China	112,348	388 (0.3%)
Philippines	12,124	340 (2.9%)
Viet Nam	6,468	100 (1.6%)
Western Pacific Region	135,411	1,643 (1%)

Regional Overview SRL



•5 SRL in the Region

RIT, Tokyo Japan	KIT, Seoul, Korea	Hong Kong, China	QMRL, Brisbane, Australia	IMVS, Adelaide, Australia
Cambodia Mongolia Philippines	Lao PDR (TA) Philippines	China Lao PDR	PNG PIC	Viet Nam PIC

•CDC/Hawaii: 6 PIC

What are the challenges for laboratory services in the countries?



- **Human resources**
- **Training (microscopy, culture, DST, molec. meth.)**
- **Laboratory capacity (equipment, workload, accessibility and logistics)**
- **Biosafety, biosecurity, infection control**
- **EQA (subnational coverage)**
- **Developing National Standards**
- **Linkage and coordination (NTP, laboratories, private sector, hospitals)**
- **Funding**

What SRL support is available in the countries?



- **EQA for sputum smear microscopy, culture and DST (Panel testing, re-checking of 1st line DST)**
- **Training, capacity building (e.g. lab technologists)**
- **Technical assistance (TA) and country visits**
- **Prevalence and drug resistance surveys**
- **Laboratory design, guidelines, DRS protocol**
- **Pacific TB Reference Lab network (PATLAB) for PIC (EQA, training, M&E, DR survey)**

What works well with SRLs in the Region?



Overall very good support through SRL network in the Region

- **Good communication (practical advice, clear recommendations)**
- **Strong, regular and well coordinated TA, continuity**
- **EQA and timely shipment of panels**
- **Monitoring and supervision**
- **Training**
- **Proficiency testing**
- **Review of SOPs**
- **Support for operational research**

What SRL support is needed in the region?



Technical and managerial training and EQA

- **Capacity building**
 - Sputum smear microscopy,
 - (liquid) culture,
 - (rapid) DST
 - molecular methods
 - New diagnostics and tools (LPA, Genexpert, field monitoring)
- **TA and training**
 - International standardized guidelines, manuals and new tools
SOPs and DRS protocols
 - M&E and data analysis
 - Quality assurance of surveys
 - Biosafety
 - Supply and equipment maintenance
 - Specimen transport

Sources of funding available for laboratory TA at country level?



- **AUSAID (PNG)**
- **Global Fund (China, Lao PDR, PIC, Philippines, PNG)**
- **FIND (Vietnam)**
- **PEPFAR / TBTEAM / WHO-CIDA (Cambodia, Vietnam)**
- **SPC (PIC)**
- **USAID (Philippines)**
- **US CDC (6 US PIC)**
- **WHO country office (China)**
- **WHO WPRO TA (Lao PDR, PIC)**

Proposed next steps - countries



- **Strengthen QA, capacity and network for microscopy, culture, DST and new tools**
- **Strengthen local partnership between NTP/laboratories**
- **Design and implement standard TOR for SRL-support**
- **Training modules including liquid culture and LPA**
- **Introduction and scale up of new tools/diagnostics (LED microscopy, LPA, Genexpert) and routine use of molecular testing where feasible**
- **Secure and enhance funding of lab services and SRL activities**
- **Scale up of in country research**
- **Continue good quality SRL support to NRL**

Proposed next steps -Region



- **Scaling up laboratory services**
- **Sustain well functioning EQA and TA**
- **Capacity building and training courses**
- **Introduction of new technologies**
- **Enhance joint use of cross cutting laboratory resources**
- **Funding**