

Indonesia 2010 Report (Water Supply Management)

Outcome Indicators

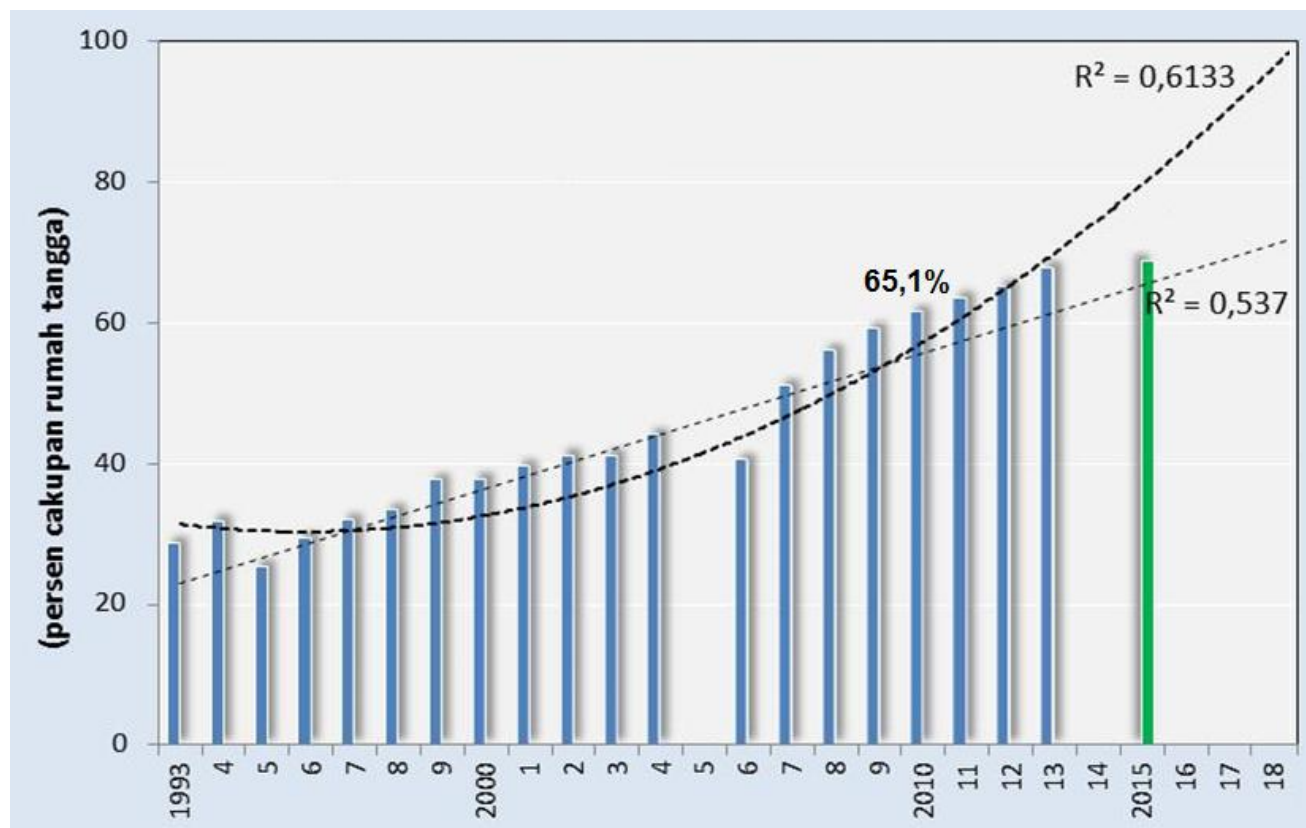
IWRM Issue 1 - Water Supply Management (34 indicators)			
Indicator Types	Indicators	Progress	Description
Outcome Indicators	1. Percentage of population having access to piped drinking water	16.2 %	See Note 1
	2. Percentage of water delivered to customer meeting WHO guidelines for drinking water quality	65.1%	See Note 2
	3. Average hour of water supplied/day	19 hour	
	4. Per capita domestic water consumption	144 l/s/c	
	5. Percentage of water supply metered	16.2%	
	6. Percentage of UFW/NRW	33.66%	

Note 1 - Network System of Piping



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Note 2 - Trend coverage access for safe drinking water years 2010



Enabling Environment Indicators

EE Indicators	1. Any “Policy” on water supply management	Yes (8)	
	2. Any “Legislation/Regulations” on water supply distribution management	Yes (8)	
	3. Any “Legislation/Regulations” on water supply quality management	Yes (8)	
	4. Any “Legislation/Regulations” on water conservation management	Yes (8)	
	5. Any “Financial framework and Financing plans” for development of water supply	Yes (8)	
	6. Any “Operator business plan” (Annual Budget, Manpower resource plan, etc.)	Yes (8)	

Source: ASEAN Working Group for Water Resources Management (AWGWRM) – April 2015
 [weblink - aseaniwrm.water.gov.my]

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Institutional Set-up Indicators

IS Indicators	1. Any water supply planning and policy department	Yes (8)	
	2. Any water supply quality office, water testing lab, water sampling team	Yes (8)	
	3. Any water supply operation centre	Yes (8)	
	4. Any water conservation unit	Yes (8)	
	5. Any water meter management unit	Yes (8)	
	6. Any customer account/meter reading/billing unit	Yes (8)	
	7. Any water meter workshop	Yes (8)	
	8. Any water leak detection unit	Yes (8)	
	9. Any 24-hr water supply call centre	Yes (8)	
	10. Any water supply network maintenance unit	Yes (8)	
	11. Any water supply meter management unit	Yes (8)	
	12. Any water supply EMI unit	Yes (8)	

Management Tools Indicators

MT Indicators	1. Any short and long term water demand projection and infrastructure development plan	Yes (8)	
	2. Any water safety plan – e.g. water sampling programme, water testing lab, real time monitoring of water quality at water treatment plants and service reservoirs	Yes (8)	
	3. Any water supply pressure monitoring system – e.g. pressure sensor/ monitoring in network, flow and level monitoring at service reservoirs, waterworks outputs	Yes (8)	

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	4. Any water conservation plan – e.g. water saving measures, public education programme	Yes (8)	
	5. Any water supply meter installation plan – e.g. all new premises must be metered	Yes (8)	
	6. Any monitoring of water treatment plant output meters – e.g. all are metered and the meters are checked periodically	Yes (8)	
	7. Any water meter management system – e.g. comply with ISO/EU standard, error check system, meter replacement programme, meter repair and testing facilities	Yes (8)	
	8. Any water supply network record /mapping system, network asset management and pipeline replacement/ renewal programme	Yes (8)	
	9. Any water supply leak detection programme	Yes (8)	
	10. Any 24-hour Call Centre and Operation Centre for feedback on leak and deployment of crew for repair	Yes (8)	