

FACTS AND FIGURES ON INDONESIA'S NATURAL RESOURCES

1. Several references were compared to verify statistics for use in this Coral Reef Rehabilitation and Management Program-Coral Triangle Initiative Project (COREMAP - CTI) feasibility study. These included the Asian Development Bank (ADB) Agriculture and Natural Resources Sector Analysis for 2013, the ADB Country Fact Sheet for Indonesia, the COREMAP II Project Completion Report, various references from the consultant's research and the Government of Indonesia's official statistics. In most cases the values matched. When they did not, (e.g. ADB Sector Analysis and the Government of Indonesia Bureau of National Statistics (BPS) report for same year) the Government of Indonesia values were used.

Fact	Value to Use	Reference
Number of islands	17,504	25
Number of species of hard coral	593	25
Percentage of the world's coral reefs in Indonesia	18%	25
Percentage of total number of species recorded throughout the Coral Triangle Core located in Indonesia	95%	1
Coastline (km)	95,181 km	25
Land area (million square)	1.93 km	22
Marine area (ha)	580 million ha	none
Protected marine area (2010)	139,000 km ²	11
Territorial seas (km ² million)	3.1 km ²	22
Exclusive economic zone (km ² million)	2.7 km ²	22
Number of mangrove species	42	25
Number of sea grass species	13	25
Number of coral reef fish species	2,200	25
Number of mollusks species	2,500	26
Number of crustaceans species	2,000	26
Number of marine mammals species	30	26
Number of turtles species	6	25
Number of reef-associated Indonesians population (million)	60	24
Percentage of coral reef area in very healthy status	3%	14
Percentage of coral reef area in healthy status	24%	14
Percentage of coral reef area in poor or very poor health status	42%	14
Percentage of coral reef area in fair health status	34%	14
Number of estimated fisherman (million)	20	24
Reef area (ha)	2.5 million ha	25
Percentage of coral reefs in Indonesia threatened by local human activities	95%	10
Annual value coral reef fisheries	US\$1.5 billion	12
Annual value of coral reefs and coasts from tourism	US\$127 million	12
Annual value from shoreline protection	US\$387 million	12
Exports value of reef products	US\$115 million	15
Lost due to pervasive overfishing over 20 years	US\$1.9 billion	16
Total annual water supply	20 billion m ³	ADB

Fact	Value to Use	Reference
Number of river basin (2007)	56	8
Value of fisheries production of coral reef - transfer benefits (\$/ha/year)	325	17
Value of fisheries production of coral reef - adjusted transfer benefits in 2012 prices (\$/ha/year)	479	17
Value of fisheries production value from mangroves ((\$/ha/year)	758	18
Value of fisheries production from mangrove - adjusted transfer benefits in 2012 ((\$/ha/year) ^a	149	18
Value of local products and uses of coral reef - transfer benefits(\$/ha/year)	40	19
Value of local products and uses of coral reef - adjusted transfer benefits in 2012 prices(\$/ha/year) ^a	59	19
Value of local products and uses of mangrove - transfer benefits(\$/ha/year)	30	18
Value of local products and uses of mangrove - adjusted transfer benefits in 2012 prices(\$/ha/year) ^a	37	18
Value of Erosion control of coral reef - transfer benefits (\$/ha/year)	578	20
Value of Erosion control of coral reef - adjusted transfer benefits in 2012 prices (\$/ha/year) ^a	851	20
Value of Erosion control of mangrove - transfer benefits (\$/ha/year)	300	18
Value of Erosion control of mangrove - adjusted transfer benefits in 2012 prices (\$/ha/year)	372	18
Nature conservation forest area	23 million ha	ADB
Protection forest area	31 million ha	ADB
Limited production forest area	22 million ha	ADB
Production forest area	31 million ha	ADB
Convertible production forest	23 million ha	ADB
Tons high value production from forests	9 million tons	ADB
Rehabilitation upland areas for farm area	500,000 ha	13
Rehabilitation of critical land with agro-forestry systems	800,000 ha	13
Developed farm roads	12,000 km	13
Adopted using environmentally friendly technologies for food crops	1.15 million ha	13
Number of Improved water resource management (river basins)	69	13
Rehabilitation of irrigation systems	450,000 ha	13
Maintenance of social & village forest	100,000 ha	13
Rehabilitation of degraded forest in critical river basins	160,000 ha	13
Percentage annual reduction of forest	20%	13
Number of established forest management units	199	13
Conservation of coral reef and associated ecosystems	4.50 million ha	13
Population in millions (2011)	237	23
Annual population growth rate (2009-2011)	1.49%	23
Adult literacy rate (2008)	92.20%	21
Population in urban areas (2010) (percentage)	53.70%	21
Population living on less than \$125 a day (2010) (percentage)	18.10%	21
Population living below the national poverty line (2011) (percentage)	12.50%	21
Population living below the national poverty line (2012) (percentage)	11.96%	23
Population of coastal family living below the poverty line (percentage)	53.00%	24
Number of Under-5 mortality rate per 1,000 live births	35	21

Fact	Value to Use	Reference
Percentage of Population using an improved drinking water source	82%	21
Per capita GNI, Atlas method: year 2007	1,600	21
Per capita GNI, Atlas method: year 2008	1,950	21
Per capita GNI, Atlas method: year 2009	2,160	21
Per capita GNI, Atlas method: year 2010	2,500	21
GDP from marine sub-sector to overall economy (2010)	2.22%	24
GDP from marine sub-sector to agriculture (2010)	16%	24

GDP = gross domestic product, ha = hectare, km = kilometer.

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