

## 9. GOVERNMENT'S DEVELOPMENT PROJECTS AND PROGRAMS

### 9.1 Plans and Strategies of the National Master Development Plan

This chapter is prepared to summarize development visions, development goals and development strategies in the National Master Development Plan issues in 1996.

#### (1) Development visions

The development visions are to substantially enhance the quality of life of Palauan citizen in both long and short time span.

#### (2) Development goals

To achieve the visions, there are number of development goals:

- Increase substantial economic growth per capita on a sustained basis;
- Share the benefits of economic growth on an equitable basis to all different economic sectors, and set careful planning for the expenditure.
- Cooperate with foreign workers and investors to establish genuine stake development; and
- Understand the Palauan society within the context of global development and raise social consciousness to protect the natural environment.

#### (3) Development strategies

The development strategies are summarized in Table 9.1.1.

**Table 9.1.1 Development Strategies In National Master Development Report (1)**

Sector	Sub-sector	Strategy	Outputs
Macro Economy	Fiscal Management	<ul style="list-style-type: none"> <li>- Obtain sufficient resources to meet the Government's budget and policy requirements</li> <li>- Increase the productivity of Government expenditure</li> <li>- Develop fixed policies to adjust the economy with lower uncertainty and build financial integrity</li> </ul>	<ul style="list-style-type: none"> <li>- Economic Policy consultant recruited</li> <li>- Office of Planning &amp; Statistics strengthened</li> <li>- Fiscal targets established</li> <li>- Output budgeting system implemented</li> <li>- Strategic Plan for Ministry of Administration prepared</li> </ul>
	Monetary Policy	<ul style="list-style-type: none"> <li>- Reduce uncertainty and business risk by establishing a stable, but competitive macro economic environment</li> </ul>	<ul style="list-style-type: none"> <li>- US\$ utilization maintained and monitored</li> </ul>
	Labor Market	<ul style="list-style-type: none"> <li>- Reorient labor market incentives and manage the inflow of foreign labor to achieve sufficient growth in employment levels in the private sector in Palau, particularly in more highly remunerated and skilled positions,</li> <li>- Limit unemployment and the attractiveness of emigration</li> <li>- Support a higher quality of life and a more competitive private sector</li> <li>- Reduce social conflict.</li> </ul>	<ul style="list-style-type: none"> <li>- Public sector remuneration restructured</li> <li>- Quality and level of private sector employment increased</li> <li>- Foreign worker fee introduced</li> <li>- Capital investment promoted</li> </ul>
	Foreign Investment	<ul style="list-style-type: none"> <li>- Promote foreign investment that is to the long-term benefit of Palau, according for the impact on the natural environment and cultural values, with recognition of the benefits of new technology</li> </ul>	<ul style="list-style-type: none"> <li>- Foreign Investment Board structure, and operations strengthened</li> <li>- Functions of the Foreign Investment Board extended</li> <li>- Legislation revised and amended</li> </ul>

Source: National Master Development Report

CHAPTER 9 GOVERNMENT'S DEVELOPMENT PROJECTS AND PROGRAMS

**Table 9.1.2 Development Strategies In National Master Development Report (2)**

Sector	Sub-sector	Strategy	Outputs
Financing Development	Taxation and Government Charges	<ul style="list-style-type: none"> <li>- Raising the required level of revenue necessary for Government expenditure plans such that the tax and charging system is competitive, has the least adverse impact on production and consumption decisions (efficiently)</li> <li>- Achieves the necessary equitable outcomes desired by Palauans, and is conducted in a transparent and professional manner.</li> </ul>	<ul style="list-style-type: none"> <li>- Tax Reform Task Unit established.</li> <li>- Value Added Tax designed and implemented</li> <li>- Excise duties system established</li> <li>- Departure Tax increased</li> <li>- Road Use Tax enacted</li> <li>- Wages and salaries tax structure strengthened</li> <li>- Net Profits Tax enacted</li> <li>- Social security and civil service pension schemes improved</li> <li>- Business license fee structure simplified</li> <li>- Fees for foreign fishing boat license established</li> <li>- Nondiscriminatory investment environment maintained</li> </ul>
	Domestic financial sector	<ul style="list-style-type: none"> <li>- Improve the function and integrity of the domestic capital market to lower the cost of financial inter-mediation</li> <li>- Enhance their savings and support higher levels of public and private investment and consumption</li> </ul>	<ul style="list-style-type: none"> <li>- Investment parameters and accountabilities for the pension funds improved</li> <li>- Bureau of Business Regulation &amp; Banking Supervision established</li> <li>- Interest rate controls removed</li> <li>- Trust deed system to facilitate secured lending established</li> <li>- Entrepreneurs' advisory service established</li> <li>- Objectives and performance of the Palau National Development Bank strengthened</li> <li>- Palau Housing Authority merged with the Palau National Development Bank</li> </ul>
Infrastructure	Infrastructure Institutions	<ul style="list-style-type: none"> <li>- Provide on a sustainable basis, the required infrastructure funding and services in an economically efficient manner and of a high standard throughout Palau to improve equitable access and underpin the expansion of economic activities</li> </ul>	<ul style="list-style-type: none"> <li>- Bureau of Public Works strengthened</li> <li>- Regional grants process established</li> </ul>
	Infrastructure Performance	<ul style="list-style-type: none"> <li>- Create more commercial and competitive environment, formalizing the relationship with Government, clarifying objectives, improving pricing structures and performance measurement, and establishing a prices regulation function</li> </ul>	<ul style="list-style-type: none"> <li>- Corporative criteria established and legislation amended</li> <li>- Price regulation established and legislation implemented</li> <li>- Palau National Communication Corporation (PNCC) structural arrangement improved</li> <li>- Public Utilities Corporation (PUC) structural arrangement improved</li> </ul>
	Public Sector Improvement Program	<ul style="list-style-type: none"> <li>- Enhance the performance of public sector investment programs and projects by improved evaluation, prioritization, and monitoring techniques incorporated in a comprehensive public sector investment program process</li> </ul>	<ul style="list-style-type: none"> <li>- Public Sector Investment Process established</li> </ul>
	Road Transportation	<ul style="list-style-type: none"> <li>- Provide a fully coordinated effort to ensure the planning, design and construction of the Compact primary road on Babeldaob progresses urgently and maximize the economic and social benefits to Palau</li> <li>- Repair the existing paved roads and streets in the Koror-Airai area</li> <li>- Improve other access roads on Babeldaob, Peleliu and Angaur</li> <li>- Improve the management technical capability and resources of the Bureau of Public Works</li> </ul>	<ul style="list-style-type: none"> <li>- Compact Road planning coordinated and maintenance funded</li> <li>- National road building and maintenance program established</li> <li>- Access roads constructed</li> <li>- Bureau of Public Works strengthened</li> </ul>

Source: National Master Development Report

**Table 9.1.3 Development Strategies in National Master Development Report (3)**

Sector	Sub-sector	Strategy	Outputs
Infrastructure	Sea Transportation	<ul style="list-style-type: none"> <li>- Establish, maintain and manage adequate port and marine facilities to meet the requirements for international shipping, internal transport, tourism and development of marine resources</li> </ul>	<ul style="list-style-type: none"> <li>- Malakal harbor</li> <li>- Gemiangie Bay facilities improved for commercial bulk</li> <li>- Ibedul's Pier (T Dock) redevelopment</li> <li>- Dry dock feasibility study conducted</li> <li>- Docking facilities, harbor and channel dredging at Peleliu upgraded</li> <li>- Harbor at Angaur repaired</li> <li>- Ship to shore transport system at Sonsorol and Hatohobei established</li> <li>- Small boat navigational aids upgraded and expanded</li> <li>- Inter-island vessel service established for Southwest Islands</li> <li>- Division of Transport and Communication strengthened</li> </ul>
	Air Transportation	<ul style="list-style-type: none"> <li>- Provide an international level and economically efficient airport in terms of its infrastructure and service system to cope with existing and projected demands... and enhance the prices competition by encouraging other carriers to establish direct air services to Palau</li> </ul>	<ul style="list-style-type: none"> <li>- Palau International Airport upgraded</li> <li>- Domestic airport terminals constructed</li> <li>- Feasibility study for international airport constructed</li> <li>- Civil aviation code drafted</li> <li>- Ownership of Palau International Airport confirmed</li> <li>- Division of Transport and Communication strengthened</li> </ul>
	Electric Power	<ul style="list-style-type: none"> <li>- Provide electrical power to all communities in Palau at efficient service and prices which will entail allocation of additional revenues to overhaul existing units and expand capacity</li> <li>- Improve management arrangements for PUC to enhance its economic efficiency</li> </ul>	<ul style="list-style-type: none"> <li>- Aimeilik Power Station upgraded</li> <li>- Malakal Power Station upgraded</li> <li>- Koror-Airai Power Grid upgraded</li> <li>- Power Grid on Babeldaob expanded</li> <li>- Electricity consumption meters installed</li> <li>- Outer Island systems upgraded</li> </ul>
	Water Supply	<ul style="list-style-type: none"> <li>- Provide a reliable safe water system to the vast majority of the country in a cost effective manner, and recover sufficient revenues to assist in demand management and generally meet funding requirements on a sustained basis</li> </ul>	<ul style="list-style-type: none"> <li>- Hydraulic analysis and leak detection survey undertaken</li> <li>- Water meters installed</li> <li>- Public water systems improved</li> <li>- Additional operational funds appropriated</li> <li>- Additional water source for Koror-Airai identified</li> </ul>
	Wastewater	<ul style="list-style-type: none"> <li>- Expand the existing wastewater collection system, centralized to Koror, to cover unsewered areas, improve quality of discharged water, extend rural sanitation program, improve management &amp; pricing structures to ensure efficiency in services delivery and consumer demands</li> </ul>	<ul style="list-style-type: none"> <li>- Koror sewer collection system expanded</li> <li>- Workshop established</li> <li>- Sewage pump stations upgraded</li> <li>- Rural sanitation program expanded</li> </ul>
	Solid Waste	<ul style="list-style-type: none"> <li>- Provide adequate facilities for the disposal of solid waste, improve the management and operation of facilities, increase community involvement and awareness, and increase of the commercialization aspects of the waste management including the introduction of user fees</li> </ul>	<ul style="list-style-type: none"> <li>- New public dump site established and collection equipment purchased</li> <li>- Feasibility study of utilizing private contractors conducted</li> </ul>
	Telecommunications	<ul style="list-style-type: none"> <li>- Provide a high quality telecommunications network throughout Palau in a cost effective manner that provides an adequate return to Government and that is competitively priced and oriented towards full customer services</li> </ul>	<ul style="list-style-type: none"> <li>- Central office equipment installed</li> <li>- Electronic equipment installed</li> <li>- Outside plant installed</li> <li>- Station equipment installed</li> <li>- Land secured and buildings developed</li> <li>- Support systems established and equipment purchased</li> <li>- Engineering funds allocated</li> </ul>

Source: National Master Development Plan

**Table 9.1.4 Development Strategies in National Master Development Report (4)**

Sector	Sub-sector	Strategy	Outputs
Infrastructure	Public buildings and Facilities	<ul style="list-style-type: none"> <li>- Provide sufficient resources for adequate maintenance of existing buildings, allocation sufficient funds for the improvement of facilities, which have been identified as a high priority, formulate a uniform building code, and resolve National-State legal ownership disputes.</li> </ul>	<ul style="list-style-type: none"> <li>- Capital relocation evaluated and clarified</li> <li>- Maintenance funds appropriated</li> <li>- Palau National Gymnasium and sport facilities</li> <li>- Palau National Education facilities renovated, constructed and equipment replaced</li> <li>- National health facilities improved</li> <li>- New prison facility constructed</li> <li>- Uniform building and zoning code developed</li> </ul>
Land Use Planning		<ul style="list-style-type: none"> <li>- Improve the structure of land tenure and the availability of suitable land for development through improved processes and institutional building relating to land use management, legislation, National-State responsibilities, environmental controls, baseline knowledge</li> </ul>	<ul style="list-style-type: none"> <li>- Title 35 Chapter II amended to extend time limitations</li> <li>- Future legal ownership of homestead lands clarified</li> <li>- A Public Sector Investment Plan implemented to influence the future pattern of development in Palau</li> <li>- Policies introduced which guide private sector development initiatives</li> <li>- A series of guidelines formulated to provide both the context and the patterns within which public and private developers must operate</li> <li>- Up to 20 Palauans trained in land use planning by 2001</li> <li>- Land use planning model developed for Palau by 2001</li> <li>- Community awareness and education programs focusing on land issues delivered</li> <li>- Land suitability updated and extended to cover all of Palau</li> <li>- Koror zoning plan updated and extended to include the southern area of Airai</li> <li>- Land and property valuations undertaken</li> <li>- Geographical Information System developed for Palau</li> <li>- Guidelines and systems for disputes resolution implemented for significant public and private sector projects</li> <li>- Eminent Domain powers implemented</li> <li>- Guidelines for leasing arrangements of at least 99 years developed and implemented</li> <li>- State enterprise zone model developed and implemented</li> <li>- Homesteads levy system developed and implemented</li> </ul>

Source: National Master Development Plan

**Table 9.1.5 Development Strategies In National Master Development Report (5)**

Sector	Sub-sector	Strategy	Outputs
Tourism		<ul style="list-style-type: none"> <li>- Maximize the contributions of the tourism sector to the Palauan economy by developing a private sector.</li> <li>- Promoting and monitoring tourism developments.</li> <li>- Ensuring the necessary controls and charging systems are established to protect the natural environment and the community interests</li> </ul>	<ul style="list-style-type: none"> <li>- Areas with tourism potential reviewed</li> <li>- Tourism policy position created in the Ministry of Commerce and Trade</li> <li>- National tourism association created</li> <li>- Development guidelines formulated</li> <li>- Legislation reviewed and rationalized</li> <li>- Uniform building code developed and enforced</li> <li>- A register of hotels and tourism-related businesses developed and maintained</li> <li>- Boat safety regulations enforced</li> <li>- Dive site management plan developed</li> <li>- Tourism site identified and developed by States and PVA</li> <li>- Capability building of public and private sector to manage the tourism sector</li> <li>- Foreign Investment process for tourism projects clarified and streamlined</li> <li>- Venture capital fund for tourism projects established</li> <li>- Labor constraints and conditions in the tourism sector enforced</li> <li>- Palauans trained in specific tourism-related skills</li> <li>- International airport facilities upgraded</li> <li>- Procedures for handling of commercial and private passenger vessels reviewed</li> <li>- Criteria for user and developer fees established</li> <li>- Tourism awareness increased in Palau</li> </ul>
Agriculture and Forestry		<ul style="list-style-type: none"> <li>- For agricultural development, maintain subsistence production. Diversify and significantly increase the level of agricultural production, both for import replacement and export, also taking account of conservation practices.</li> <li>- For forestry development, continue to emphasize watershed production and rehabilitation of degraded land with a lesser emphasis on commercial production.</li> </ul>	<ul style="list-style-type: none"> <li>- General business environment improved</li> <li>- Increased availability of agricultural land</li> <li>- Division of Agriculture and Marine resources upgraded and relocated</li> <li>- Research and extension capacity upgraded</li> <li>- Land Grant Program for Palau established</li> <li>- Central Market in Koror established</li> <li>- Market research undertaken for key agricultural products</li> <li>- US Soil Conservation Service 1992 Recommendations implemented</li> <li>- Funding appropriated for tree nursery and replanting work</li> <li>- Forestry legislation enacted</li> <li>- Small scale milling extension program established</li> <li>- Mangrove Management Plan established</li> </ul>

Source: National Master Development Plan

**Table 9.1.6 Development Strategies in National Master Development Report (6)**

Sector	Sub-sector	Strategy	Outputs
Industries and Services		<ul style="list-style-type: none"> <li>- Provide an overall environment conducive to private sector development through provision of supporting infrastructure, competitive economic and regulatory policies, adequate consumer and worker protection, and facilitative policies towards promoting development and employment.</li> </ul>	<ul style="list-style-type: none"> <li>- Framework to enhance private sector development established</li> <li>- Local industry component in contracts promoted to foreign investors</li> <li>- Investment in Palau promoted by Government</li> <li>- Technical and vocational training system upgraded to meet industry needs</li> <li>- Labor Code effectively administrated and enforced by the Division of Labor</li> <li>- Occupational Health and Safety Act drafted and enacted</li> <li>- Workers Compensation Act drafted and enacted</li> <li>- Consumer Protection Act drafted and enacted</li> <li>- National Standards Act drafted and enacted</li> <li>- Uniform Building Code drafted and enacted</li> </ul>
Marine Resource		<ul style="list-style-type: none"> <li>- Achieve greater returns on a sustainable basis and increased local involvement from Palau's offshore and inshore marine resources, while maintaining adequate extraction level for subsistence, and the protection of the natural marine environment for tourism and cultural purposes</li> </ul>	<ul style="list-style-type: none"> <li>- Legislation for conservation of marine resources enacted</li> <li>- Micronesian Mariculture Demonstration Center commercialized</li> <li>- Marine surveillance extended and upgraded</li> <li>- Participate in CITES</li> <li>- Environmental sciences program established in PCC</li> <li>- Regional licensing and management area established with FSM &amp; PNG</li> <li>- Policies and programs implemented to protect and manage commercial fisheries operations</li> <li>- National registration of commercial fisheries implemented</li> <li>- Enforcement functions strengthened</li> <li>- Coastal zone management strategy and program prepared</li> <li>- Marine reserves established</li> <li>- Commercial fishery opportunities reviewed and promoted</li> </ul>

Source: National Master Development Plan

**Table 9.1.7 Development Strategies in National Master Development Report (7)**

Sector	Sub-sector	Strategy	Outputs
Environmental Management		<ul style="list-style-type: none"> <li>- Improve the protection of the natural environment, or measure the cost of degradation through formalizing and streamlining environmental requirements and processes. Integrating these into the decision-making processes and improving management and education of environmental issues</li> </ul>	<ul style="list-style-type: none"> <li>- Environmental considerations integrated in the decision-making process for private and public sector projects</li> <li>- Appropriate user fee levied</li> <li>- Environmental impact assessment process strengthened and streamlined</li> <li>- Watershed management and focus on soil erosion improved</li> <li>- Environmental institutions upgraded and rationalized</li> <li>- Current infrastructure proposals for environmental impact reviewed</li> <li>- Environmental curriculum developed and implemented</li> <li>- Research priorities established</li> <li>- Research stations established</li> <li>- A system of protected areas introduced</li> <li>- Accession of CITES implemented</li> <li>- Hunting and fishing controls introduced</li> <li>- Crocodile farming encouraged</li> <li>- Sewerage works upgraded and used as fertilizer reviewed</li> <li>- Solid waste management upgraded</li> <li>- Labeling, storage and handling of pesticides and chemicals</li> <li>- Recycling schemes introduced</li> <li>- Oil spill contingency plans strengthened</li> <li>- Comprehensive legislation on natural resources conservation and management drafted and enacted</li> </ul>
Human Resource Development	Population	<ul style="list-style-type: none"> <li>- Collect and analyze comprehensive population information to assist the development of policies and programs particularly in relation to the labor market, education and health planning, disadvantaged groups and family welfare programs</li> </ul>	<ul style="list-style-type: none"> <li>- Improve collection and analysis of population and labor market data</li> </ul>
	Labor market	<ul style="list-style-type: none"> <li>- Reorient labor market incentives and manage the inflow of foreign labor to achieve sufficient growth in employment levels in the private sector, particularly in highly remunerated and skilled positions. To limit unemployed emigration, support a higher quality of life and a more competitive private sector and most importantly reduce the social conflict.</li> </ul>	<ul style="list-style-type: none"> <li>- Labor market statistical base improved</li> <li>- Labor market policies implemented</li> <li>- Uniform national labor code established and enforced</li> <li>- Employment services improved</li> </ul>

Source: National Master Development Plan

**Table 9.1.8 Development Strategies In National Master Development Report (8)**

Sector	Sub-sector	Strategy	Outputs
Human Resource Development	Education and Training	- In partnership with parents and community, ensure that the youth and citizens are educated and trained to achieve their maximum potential.	<ul style="list-style-type: none"> <li>- Education services rationalized and self funding mechanisms established</li> <li>- Governance of education strengthened and streamlined</li> <li>- Personnel and certification system established</li> <li>- Partnership Planning Groups established</li> <li>- Standards, instruction and curricula improved</li> <li>- Formal kindergarten and pre-school education implemented</li> <li>- Education facilities upgraded</li> <li>- PCC budget appropriations reduced</li> <li>- PCC performance targets improved</li> <li>- Education Advisory Committee established</li> <li>- Scholarship scheme upgraded and targeted</li> <li>- Profile of woman and youth issues enhanced</li> </ul>
Health		- Improve the health services to a high standard by workers' management in an equitable and cost effective manner with a greater emphasis on the delivery of preventive and primary care and improved management of secondary and tertiary care	<ul style="list-style-type: none"> <li>- Governance arrangement improved</li> <li>- Health priorities established</li> <li>- Professional personnel and certification system established</li> <li>- Additional administrative staff appointed</li> <li>- Management approach and arrangements improved</li> <li>- Procurement system decentralized</li> <li>- Facilities and services improved</li> <li>- Health insurance scheme study contracted</li> <li>- Level of user charge increased and structure improved</li> </ul>

Source: National Human Development Report

## 9.2 Assumed Implementation Schedule of the Remaining Projects and Programs

Table 9.2.1 shows the assumed implementation schedule of the remaining projects and programs, which are listed in the National Master Development Plan.

**Table 9.2.1 Assumed Implementation Schedule (1) (Water Supply)**

(Unit: \$million)

Project	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	Total	
Establish PWWC	0.50	0.50	0.50	0.30	0.20																	2.00
Maintenance						0.35	0.35	0.35	0.35	0.35	0.45	0.45	0.45	0.45	0.45	0.55	0.55	0.55	0.55	0.55		0.25
New Dam Design	0.25																					0.25
New Dam Construction			7.50	5.50	2.00																	15.00
Maintenance						0.15	0.15	0.15	0.15	0.15	0.20	0.20	0.20	0.20	0.20	0.25	0.25	0.25	0.25	0.25		
Upgrade of existing State WSS					3.00																	3.00
Maintenance						0.10	0.10	0.10	0.10	0.10	0.10	0.15	0.15	0.15	0.15	0.15	0.20	0.20	0.20	0.20		
Maint. of K-A Sys.	0.30	0.30	0.30	0.30	0.30	0.45	0.45	0.45	0.45	0.45	0.60	0.60	0.60	0.60	0.60	0.75	0.75	0.75	0.75	0.75		
Maint. of Meters	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06		
Maint. of Rural WS	0.40	0.40	0.40	0.40	0.40	0.50	0.50	0.50	0.50	0.50	0.60	0.60	0.60	0.60	0.60	0.70	0.70	0.70	0.70	0.70		
Total																						
Capital Cost	0.75	0.50	0.00	5.80	5.20																	20.25
Maintenance	0.73	0.73	0.73	0.73	0.73	1.49	1.59	1.59	1.59	1.59	2.00	2.05	2.05	2.05	2.05	2.46	2.51	2.51	2.51	2.51		34.20

Source: Study Team (based on Palau National Master Development Plan and CIP Report)



**Table 9.2.1 Assumed Implementation Schedule (2) (Wastewater)**

(Unit: \$million)

Project	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	Total
Establish PWWC	(Included in Water Supply)																				
Malakal WTP	3.50	3.85																			7.35
Maintenance	0.30	0.30	0.30	0.30	0.30	0.40	0.40	0.40	0.40	0.40	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	6.60
15 States WTS	0.25	0.25	0.25	0.25	0.25																1.25
Maintenance	0.15	0.15	0.15	0.15	0.15	0.20	0.20	0.20	0.20	0.20	0.25	0.25	0.25	0.25	0.25	0.30	0.30	0.30	0.30	0.30	2.30
Sludge Equip.	0.20																				0.20
Sludge Proc.	0.20	0.05	0.05																		0.30
Maintenance	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.56
Maint. Fund of Pump Station	0.15	0.15	0.15	0.15	0.15																0.75
Workshop, Store, Lavo.	0.25																				0.25
Maintenance	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.45
General Capital Works	0.75	0.75	0.50	0.50	0.50																3.00
Maint. Of Koror WTS		0.30	0.30	0.30	0.30	0.30	0.40	0.40	0.40	0.40	0.40	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	4.50
Total																					
Capital Cost	5.30	5.05	4.55	4.50	4.50																13.40
Maintenance	0.50	0.80	0.80	0.80	0.85	0.97	1.07	1.07	1.07	1.07	1.24	1.34	1.34	1.34	1.34	1.51	1.51	1.51	1.51	1.51	23.10

Source: Study Team (based on Palau National Master Development Plan and CIP Report)

**Table 9.2.1 Assumed Implementation Schedule (3) (Waste Management)**

(Unit: \$million)

Project	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	Total
Establish PWWC	(Included in Water Supply)																				
Construction of New Dump			0.75	0.30	0.15																1.20
Transfer Station			0.50																		0.50
Equipment				2.50																	2.50
Vehicle (Compactor)				0.80																	0.80
Maintenance			0.05	0.15	0.15	0.20	0.20	0.20	0.20	0.20	0.30	0.30	0.30	0.30	0.30	0.40	0.40	0.40	0.40	0.40	2.95
Total																					
Capital Cost			1.25	3.80	0.15																5.00
Maintenance	0.05	0.05	0.05	0.15	0.15	0.20	0.20	0.20	0.20	0.20	0.30	0.30	0.30	0.30	0.30	0.40	0.40	0.40	0.40	0.40	4.95

Source: Study Team (based on Palau National Master Development Plan and CIP Report)

Table 9.2.1 Assumed Implementation Schedule (4) (Road Network)

(Unit: \$million)

Project	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	Total
Establish PRPC	0.50	0.50	0.50	0.50																	2.00
Maintenance					0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	
Devel. of Nhway on Babeldaob	1.30	0.60	0.50	0.60	1.00	1.00															41.00
Maint. of Nhway on Babeldaob	0.05	0.15	0.25	0.35	0.50	1.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	
Reef Road Construction	0.50	1.00	1.50	1.50																	15.00
Maintenance				0.10	0.10	0.10	0.10	0.50	0.10	0.19	0.10	0.10	0.50	0.10	0.10	0.10	0.10	0.50	0.10	0.10	
Reconstruction of Urban Road	3.00	3.00	3.00	3.00	1.00	1.00															18.00
Maintenance	0.02	0.04	0.12	0.17	0.22	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	
Reconstruction of State Road		2.00	2.00	1.88																	5.83
Maintenance	0.30	0.30	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	
Maint. of Geo. Lab	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	
Total																					
Capital Cost	5.30	19.10	20.00	19.48	11.00	7.00															11.88
Maintenance	0.42	0.58	0.87	1.12	1.67	2.22	2.72	3.12	2.72	2.72	2.72	2.72	3.12	2.72	2.72	2.72	2.72	3.12	2.72	2.72	46.16

Source: Study Team (based on Palau National Master Development Plan and CIP Report)

Table 9.2.1 Assumed Implementation Schedule (5) (Port and Marine)

(Unit: \$million)

Project	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	Total
Establish PRPC	(Included in Road Construction)																				
MPS of Malakal Harbor	0.25																				0.25
Dev. of Malakal Harbour		5.00	10.00	5.00																	20.00
Maintenance					0.20	0.20	0.20	0.20	0.20	0.40	0.40	0.40	0.40	0.40	0.50	0.50	0.50	0.50	0.50	0.50	
Commercial Bulk Port	10.00	5.00																			15.00
Maintenance			0.15	0.15	0.15	0.15	0.15	0.30	0.30	0.30	0.30	0.30	0.40	0.40	0.40	0.40	0.40	0.50	0.50	0.50	
Ebadul's Pier	0.25	5.00	4.75																		10.00
Maintenance					0.10	0.10	0.10	0.10	0.10	0.20	0.20	0.20	0.20	0.20	0.30	0.30	0.30	0.30	0.30	0.40	
Dry Dock FS	0.15																				0.15
Dry Dock Reh. & Devel.		3.50	3.50																		7.00
Maintenance	(Private Industry)																				
State Navigation Beacons	0.50	0.50	0.50	0.50	0.50																2.50
Maintenance		0.02	0.02	0.03	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.15	
Other Mainte.																					
Hospital Dock			0.01		0.02			0.02		0.02		0.02		0.03		0.03		0.03		0.03	
Ferry Terminal			0.02		0.03			0.03		0.03		0.04		0.04		0.05		0.05		0.05	
Navl. Channels			0.10				0.02			0.02				0.03				0.03		0.03	
Harbour Ent.	0.10			0.10			0.20			0.20			0.30		0.30			0.40		0.40	
Moorings	0.40		0.10		0.10		0.40		0.10	0.10		0.40		0.10	0.10		0.40		0.40		
Landing Faci.	0.01		0.01		0.01		0.01		0.01	0.01		0.01		0.01	0.01		0.01		0.01		
Helen's Marine	0.02		0.03		0.03		0.03		0.04	0.04		0.04		0.05	0.05		0.05		0.05		
Total																					
Capital Cost	11.15	19.00	18.75	5.50	0.50																54.90
Maintenance	0.53	0.62	0.44	0.28	0.42	0.54	1.15	0.65	0.35	0.96	1.13	1.03	1.02	1.08	1.44	1.59	1.45	1.48	2.29	1.51	20.66

Source: Study Team (based on Palau National Master Development Plan and CIP)

FINAL REPORT  
STUDY FOR PROMOTION OF ECONOMIC DEVELOPMENT  
IN THE REPUBLIC OF PALAU

**Table 9.2.1 Assumed Implementation Schedule (6) (Airport Facilities)**

(Unit: \$million)

Project	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	Total	
Establish PAC	0.50	0.50	0.50	0.50																		2.00
Maintenance					0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35
Const. of Temp. Terminal Build.	1.50																					1.50
Maintenance			0.29																			
Const. of New Terminal Build.	0.50	3.00	2.50																			6.00
Maintenance			0.23	0.20	0.20	0.20	0.20	0.30	0.30	0.30	0.30	0.30	0.40	0.40	0.40	0.40	0.40	0.40	0.50	0.50	0.50	
Exten. of Apron & Taxiway			2.00																			2.00
Maintenance					0.02		0.02		0.04		0.04		0.06		0.06		0.08		0.08		0.08	
Dev. of Cargo		0.20	4.80																			5.00
Maintenance			0.10	0.10	0.10	0.10	0.10	0.15	0.15	0.15	0.15	0.15	0.20	0.20	0.20	0.20	0.20	0.25	0.25	0.25		
Airai Runway Study	0.15																					0.15
WS & Em. PS	0.75																					0.75
Maint. for Airports	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
Study of Seco. Int. Airport				1.50																		1.50
Cons. of Seco. Int. Airport					10.00	10.00																20.00
Maintenance							0.20	0.30	0.30	0.30	0.30	0.30	0.40	0.40	0.40	0.40	0.40	0.50	0.50	0.50		
Inpr. of Dom. Term. Facilit.	0.20																					0.20
Maintenance			0.01		0.01		0.01		0.01		0.01		0.01		0.01		0.01		0.01		0.01	
FS of Domestic Airport	0.60																					0.60
Kayangel Airp. Maintenance				2.50			0.05	0.05														2.50
Sonsorot Airp. Maintenance		1.50					0.05	0.05														1.50
Hatohobei Airp. Maintenance			1.50				0.05	0.05	0.05													1.50
Purch. of STOL		3.50																				3.50
Maintenance			0.05	0.05	0.05	0.05	0.25	0.05	0.05	0.05	0.05	0.25	0.05	0.05	0.05	0.05	0.25	0.05	0.05	0.05	0.05	
<b>Total</b>																						
Capital Cost	4.20	0.70	11.30	4.50	10.00	10.00																48.70
Maintenance	0.25	0.25	0.81	0.70	0.50	1.10	1.38	1.55	1.45	1.40	1.45	1.60	1.72	1.65	1.72	1.65	1.94	1.90	1.99	1.90		27.39

Source: Study Team (based on Palau National Master Development Plan and CIP)

**Table 9.2.1 Assumed Implementation Schedule (7) (Transportation)**

(Unit: \$million)

Project	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	Total	
Inst. Strength.	0.05		0.05		0.05																	0.15
FS of Bus Transportation			0.05																			0.05
Bus Trans. Project					0.60																	0.60
Maintenance					0.06	0.06	0.06	0.06	0.06	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	
FS of Marine Transportation	0.05																					0.05
Marine Trans. Project	2.00																					2.00
Maintenance		0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	
Air Transportation	3.50																					
Maintenance		0.07	0.07	0.15	0.07	0.07	0.15	0.07	0.07	0.15	0.07	0.07	0.15	0.07	0.07	0.15	0.07	0.07	0.15	0.07		
<b>Total</b>																						
Capital Cost	3.60	0.00	0.10	0.00	0.65																	6.35
Maintenance	0.05	0.27	0.27	0.35	0.27	0.33	0.41	0.33	0.33	0.47	0.39	0.39	0.47	0.39	0.39	0.47	0.39	0.39	0.47	0.39		7.17

Source: Study Team (based on Palau National Master Development Plan and CIP)

CHAPTER 9 GOVERNMENT'S DEVELOPMENT PROJECTS AND PROGRAMS

Table 9.2.1 Assumed Implementation Schedule (8) (Power System)

(Unit: \$million)

Project	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	Total	
The fifth unit at Aimefik PS	5.50																					5.50
Maintenance		0.15	0.50	0.15	0.15	0.15	0.50	0.15	0.15	0.15	0.50	0.15	0.15	0.15	0.50	0.15	0.15	0.15	0.50	0.15		
FS of Arai PS	0.20																					0.20
Overhaul of Arai PS		1.50																				1.50
Purchase of New unit at Matakai PS	13.00		12.00																			25.00
New coal fired base load station		17.00	12.00	0.50																		35.00
Maintenance					0.70	0.70	0.70	0.70	0.70	0.80	0.80	0.80	0.80	0.80	0.90	0.90	0.90	0.90	0.90	0.90	1.00	
Maintenance of Aimefik PS	0.50	0.80	0.80	0.80	0.80	0.80	1.00	1.00	1.00	1.00	1.00	1.20	1.20	1.20	1.20	1.20	1.40	1.40	1.40	1.40		
Maintenance of Matakai PS	0.35	0.35	0.35	0.35	0.35	0.45	0.45	0.45	0.45	0.45	0.55	0.55	0.55	0.55	0.55	0.60	0.60	0.60	0.60	0.60		
Maintenance of Power T.L.	0.45	0.50	0.55	0.60	0.70	0.70	0.70	0.70	0.70	0.80	0.80	0.80	0.80	0.90	0.90	0.90	0.90	0.90	0.90	1.00		
Maintenance of Outer Island PS	0.08	0.08	0.08	0.17	0.25	0.08	0.08	0.17	0.25	0.08	0.08	0.17	0.25	0.08	0.08	0.17	0.25	0.08	0.08	0.08	0.17	
Total																						
Capital Cost	18.70	18.50	24.00	0.00																		67.20
Maintenance	1.48	1.88	2.28	2.13	2.86	2.88	3.43	3.17	3.26	3.28	3.73	3.67	3.76	3.58	4.13	3.92	4.21	4.03	4.30	4.32		66.48

Source: Study Team (based on Palau National Master Development Plan and CIP Report)

Table 9.2.1/9 Assumed Implementation Schedule (Government Building)

(Unit: \$million)

Project	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	Total	
Establish PNBC	0.50	0.50	0.50	0.50	0.50																	2.50
Maintenance						0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25		3.75
Establish PNIO	0.25	0.25	0.25																			0.75
Natlo. Education Facilities	1.30	1.30																				2.60
Maintenance	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10		2.00
Natlo. Health Facilities	1.30	1.30																				2.60
Maintenance	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10		2.00
Government Building Program	0.78	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00													24.78
Maintenance	0.32	0.32	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64		12.36
National Capital Development	4.00	4.00	4.00	0.50																		12.50
Maintenance	0.70	0.70	0.70	0.80	0.80	0.90	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80		15.70
Housing Development Loan	3.00																					3.00
Maintenance																						
Sports Facilities	0.05	0.05	0.15	0.05	0.05	0.05	0.05	0.15	0.05	0.05	0.05	0.05	0.15	0.05	0.05	0.05	0.05	0.15	0.05	0.05		1.40
Existing Buildings	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30		6.00
Total																						
Capital Cost	11.11	19.35	7.75	4.00	3.50																	67.71
Maintenance	1.57	1.77	1.99	1.99	1.99	2.24	2.24	2.34	2.24	2.24	2.24	2.24	2.34	2.24	2.24	2.24	2.24	2.34	2.24	2.24		43.21

Source: Study Team (based on Palau National Master Development Plan and CIP)

### 9.3 Proposed Infrastructure Projects and Programs

The current remaining projects and programs were reviewed in accordance with the new strategies proposed in the study. The revised projects and programs up to the year 2009 including new ones were proposed in order to ensure the sustainable local economy in Palau on the basis of the balanced development case, which was recommended as the most suitable direction for the future Republic of Palau in the study.

**Table 9.3.1 Development Schedule of Projects and Programs (1) (Total)**

Table 9.3.1 Development Schedule of Projects and Programs (2) (Agriculture)

Agriculture		(Unit: \$1,000)								
Project	2000/01	2001/02	2002/03	2003/04	2004/05	2005/06	2006/07	2007/08	2008/09	Total
Ag-01	Improvement of Plant Nursery		235	100	130					465
	Maintenance					40	40	40	40	160
Ag-02	Extension of Organic Farming Practice									
	Maintenance									
Ag-03	Promotion of Proper Use of Agriland for Input Materials	30	30	40						100
	Maintenance					10	10	10	10	40
Ag-04	Introduction of Food Processing Technique		20	30	50					100
	Maintenance					10	10	10	10	40
Ag-05	Reinforcement of Agricultural Research, Education and Extension	140	140	150						430
	Maintenance				20	20	20	20	20	80
Ag-06	Establishment of Hygienic Slaughterhouse					80	80	40		200
	Maintenance							48	48	96
Ag-07	Establishment of Farmers' Market at Central Area of Koror City	300	240							540
	Maintenance				10	10	10	10	10	50
Ag-08	Emergency Treatment of Fruit Fly and Strengthening of Quarantine	110	135							245
	Maintenance			130	130	130	130	130	130	550
Total										
- Capital Cost	580	770	320	180	80	80	40			2,050
- O/M Cost			130	160	210	220	220	256	256	1,472

Source: JICA Study Team

Table 9.3.1 Development Schedule of Projects and Programs (3) (Fisheries)

Fishery		(Unit: \$1,000)								
Project	2000/01	2001/02	2002/03	2003/04	2004/05	2005/06	2006/07	2007/08	2008/09	Total
F1-01	Study on Fishing License System	20								20
	Maintenance									
F1-02	Small Fishing Boat Maintenance									
	Training		40	280	280					600
	Maintenance					20	20	20	20	80
F1-03	Marine Product Processing in Palau									
	Maintenance									
Total										
- Capital Cost	20	40	280	280						620
- O/M Cost					20	20	20	20	20	100

Source: JICA Study Team

**Table 9.3.1 Development Schedule of Projects and Programs (4) (Tourism)**

Tourism		(unit: \$1,000)									
	Project	2000/01	2001/02	2002/03	2003/04	2004/05	2005/06	2006/07	2007/08	2008/09	Total
To-01	Development of Tourism Facility Complex of Koror Marine Center										
	Maintenance										
To-02	Improvement Access Road for Ngaradmau Water Fall						300				300
	Maintenance						10	20	30	30	90
To-03	Ngachelong Tourist Base Development Project			100	100	400	900				1,500
	Maintenance							10	10	10	30
To-04	Kayangel Island Resort Development Project			20	30	30	20				100
	Maintenance										
To-05	Peleku Tourism Promotion Zone Development Project										
	Management Cost										
				(Requires public investment in included relevant sub-sectors)							
To-06	Reinforcement of PVA										
	Maintenance	35	35	35	35	35	35	35	35	35	315
To-07	Improvement of National Museum in Koror	100	300	600							1,000
	Maintenance				100	100	100	100	100	100	600
<b>Total</b>											
- Capital Cost		100	300	720	130	430	1,220				2,900
- O/M Cost		35	35	35	135	135	145	165	175	175	1,035

Source: JICA Study Team

**Table 9.3.1 Development Schedule of Projects and Programs (5) (Land Use)**

Land Use		(unit: \$1,000)									
	Project	2000/01	2001/02	2002/03	2003/04	2004/05	2005/06	2006/07	2007/08	2008/09	Total
Lu-01	Formulation of Zoning Systems										
	Maintenance	250	250								500
<b>Total</b>											
- Capital Cost		250	250								500
- O.M Cost											

Source: JCA Study Team

**Table 9.3.1 Development Schedule of Projects and Programs (6) (Environmental Management)**

Environmental Management		(unit: \$1,000)									
	Project	2000/01	2001/02	2002/03	2003/04	2004/05	2005/06	2006/07	2007/08	2008/09	Total
En-01	Integrated Ngarameouu Watershed Management	220	247	247	247	25					986
	Maintenance	30	30	30	30	30					150
En-02	Ngarok Watershed Management										
	Focus on Nature Reserve	100	50	50	150	100	50	50	100	100	750
En-03	Land and Marine Resources Inventory										
	Re-establishment	170	80	80							290
En-04	Improvement for Water Quality Monitoring Activities	150	100	80	40	100	100	100	40	40	780
	Maintenance										
En-05	Capacity Building for Environmental Enforcement and Management	130	130								260
	Maintenance										
<b>Total</b>											
- Capital Cost		770	587	447	437	225	150	150	140	140	3,048
- O.M Cost											

Source: JCA Study Team

**Table 9.3.1 Development Schedule of Projects and Programs (7) (Social Development)**

Social Development		(unit: \$1,000)									
	Project	2000/01	2001/02	2002/03	2003/04	2004/05	2005/06	2006/07	2007/08	2008/09	Total
So-01	Consolidation Plan of Elementary Schools in Babeldaob Island				20	80					100
	Maintenance										
<b>Total</b>											
- Capital Cost					20	80					100
- O.M Cost											

Source: JCA Study Team



**Table 9.3.1 Development Schedule of Projects and Programs (8) (Urban Development)**

Urban Development											(Unit: \$1,000)
	Project	2000/01	2001/02	2002/03	2003/04	2004/05	2005/06	2006/07	2007/08	2008/09	Total
Ur-01	Marina Center Development										
	Maintenance					600	1,300	1,300	1,300	600	5,300
										13	13

Source: JCA Study Team

**Table 9.3.1 Development Schedule of Projects and Programs (9) (Road)**

Road Transportation											(Unit: \$1,000)
	Project	2000/01	2001/02	2002/03	2003/04	2004/05	2005/06	2006/07	2007/08	2008/09	Total
Tr-01	Construction of Compact Road in Sabeldao	(Funded by US)									
	Maintenance (once 5 years)	(Included in "Annual Operation & Maintenance")									
Tr-02	Improvement of Connecting Road Incl. Missing Link	200	7,700	7,700	7,700	7,600					30,900
	Maintenance (once 5 years)	(Included in "Annual Operation & Maintenance")									
Tr-03	New Roads to access the Compact Road										
	Maintenance (once year)	500	500	500	500	300					2,300
Tr-04	Construction of Reef Road										
	Maintenance (once 5 years)						600	600	600	600	2,400
Tr-05	National Road Rehabilitation	2,000	3,500	1,500							7,000
	Maintenance (once 5 years)							1,400			1,400
Annual Operation & Maintenance		1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	9,000
Total											
- Capital Cost		2,700	11,700	9,700	8,200	7,900	600	600	600	600	42,800
- Maintenance		1,000	1,000	1,050	1,050	1,050	1,050	2,450	1,050	1,050	10,750

Source: JCA Study Team

Note: Construction Period of Reef Road is over 5 years (2007 - 2011) Total construction cost is estimated at \$10,800,000

**Table 9.3.1 Development Schedule of Projects and Programs (10) (Air Transport/Sea Port)**

**Air Transportation** (Unit \$1,000)

Project	2000/01	2001/02	2002/03	2003/04	2004/05	2005/06	2006/07	2007/08	2008/09	Total
Tr-06 Construction of New Terminal Building at Palau International Airport										
Maintenance										
Tr-07 Overlay of Runway at Palau International Airport (every 3 years)	2,520									2,520
Maintenance				2,520			2,520			5,040
Tr-08 Extension of Runway at Palau International Airport							14,300	14,300	14,400	43,000
Maintenance (once 3 years)										
Tr-09 Improvement of Pelelu Airport							31	400		431
Maintenance										
Annual Operation & Maintenance	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	9,000
Total										
- Capital Cost	2,520						31	14,700	14,300	45,951
- Maintenance	1,000	1,000	1,000	3,520	1,000	1,000	3,520	1,000	1,000	14,040

Source: JICA Study Team

**Sea Transportation** (Unit \$1,000)

Project	2000/01	2001/02	2002/03	2003/04	2004/05	2005/06	2006/07	2007/08	2008/09	Total
Tr-10 Expansion of Malakal Port				10	1,500	1,500	1,990			5,000
Maintenance							20	20	20	60
Tr-11 Navigation Markers							275	275	225	1,000
Maintenance (once 3 years)										
Tr-12 Improvement of Existing Pelelu Port (Eloche)				600	3,000					3,600
Maintenance (once 3 years)							20	20	20	60
Annual Operation & Maintenance										
Total										
- Capital Cost				10	2,100	4,500	2,265	275	225	9,800
- Maintenance							20	40	40	140

Source: JICA Study Team

**Table 9.3.1 Development Schedule of Projects and Programs (11) (Water Supply)**

**Water Supply** (Unit \$1,000)

Project	2000/01	2001/02	2002/03	2003/04	2004/05	2005/06	2006/07	2007/08	2008/09	Total
Ur-01 Study on Improvement of Water Supply Systems in Palau	200	100								300
Maintenance										
Ur-02 Repair of Water Supply Facilities and Expansion of Supply Area in Palau		1,000	1,000	1,400	1,600					5,000
Maintenance										
Ur-03 Purchase and Installation of Water Meter	250	150	50							450
Maintenance										
Ur-04 Construction of Additional Water Storage Tanks in Koror			500	1,500	2,500	1,500				6,000
Maintenance (Painting once 3 years)	1,500			1,500			1,500		2,000	6,500
Ur-05 Development of New Water Supply System in Pelelu						100	3,877			3,977
Maintenance										
Annual Operation & Maintenance	1,300	1,400	1,400	1,400	1,500	1,500	1,500	1,500	1,500	13,000
Total										
- Capital Cost	450	1,250	1,550	2,900	4,200	1,505	3,877			15,732
- Maintenance	1,300	1,400	1,400	1,400	1,500	1,500	1,500	1,500	1,500	13,000

Source: JICA Study Team

FINAL REPORT  
STUDY FOR PROMOTION OF ECONOMIC DEVELOPMENT  
IN THE REPUBLIC OF PALAU

**Table 9.3.1 Development Schedule of Projects and Programs (12) (Wastewater)**

Wastewater		(Unit \$1,000)									
Project	2000/01	2001/02	2002/03	2003/04	2004/05	2005/06	2006/07	2007/08	2008/09	Total	
Ut-06	Study on Improvement of Wastewater System in Palau	300	200							500	
Ut-07	Modification and Expansion of the Malakal Water Treatment Plant	(Funded by US)									
Ut-08	Construction of New Workshop, Store and Laboratory at Malakal Treatment Plant	150	150							300	
Ut-09	Sanitation Improvement Project (Sanitary Cons Unit Extension)	360	324	288	252	216	180	144	108	1,944	
	Maintenance					(Included in "Annual Operation & Maintenance")					
	Annual Operation & Maintenance	1,000	1,200	1,200	1,200	1,300	1,300	1,300	1,300	11,100	
Total											
- Capital Cost		810	674	288	252	216	180	144	108	2,744	
- Maintenance		1,000	1,200	1,200	1,200	1,300	1,300	1,300	1,300	11,100	

Source: JICA Study Team

**Table 9.3.1 Development Schedule of Projects and Programs (13) (Waste Management)**

Waste Management		(Unit \$1,000)									
Project	2000/01	2001/02	2002/03	2003/04	2004/05	2005/06	2006/07	2007/08	2008/09	Total	
Ut-10	Study on Solid Waste Management in Palau	500								500	
Ut-11	Development of A New Final Dump for Koror & Babeldaob		500	258	4,512	(Operation of A New Dump will be started after completion of the Compact Road)			2,514	7,784	
	Maintenance (every 5 years for sites)										
Ut-12	Development of Transfer Station in Koror			301	1,647					1,948	
	Maintenance					(Included in "Annual Operation & Maintenance")					
Ut-13	Purchase of Collection and Haulage Vehicles				637					637	
	Maintenance					(Included in "Annual Operation & Maintenance")					
Ut-14	Purchase of Vehicles for A New Dump				719					719	
	Maintenance					(Included in "Annual Operation & Maintenance")					
Ut-15	Closure of Existing Dump at Koror					1,838				1,838	
	Maintenance (10 years)										
Ut-16	Development of New Final Dump & Purchase of Vehicle in Peleliu		100	2	1,821					1,723	
	Annual Operation & Maintenance	100	100	100	1,000	1,350	1,350	1,350	1,350	8,050	
Total											
- Capital Cost		500	600	561	9,139	1,838			2,514	15,152	
- Maintenance		100	100	100	100	1,473	1,473	1,473	1,473	7,785	

Source: JICA Study Team

**Table 9.3.1 Development Schedule of Projects and Programs (14) (Telecommunication)**

Telecommunication		(Unit \$1,000)									
Project	2000/01	2001/02	2002/03	2003/04	2004/05	2005/06	2006/07	2007/08	2008/09	Total	
<b>PNCC Project *</b>											
Tl-01	PNCC Service Improvement Program			2,000	1,500	2,700	1,150	150		7,500	
Tl-02	Wireless System Development Program	2,000	500	500		300	300	300	200	4,300	
- Total Capital Cost (PNCC)		2,000	500	2,500	1,500	3,000	1,450	450	200	11,800	
- Annual Operation & Maintenance		34	44	10	50	30	60	29	9	270	
<b>Ministry of Commerce and Trade</b>											
Tl-03	Radio Towers - Marine Safety		2,000	3,000						5,000	
	Annual Operation & Maintenance				100	100	100	100	100	600	
Tl-04	Am Broadcasting Station		300							300	
	Annual Operation & Maintenance			10	10	10	10	10	10	70	
- Total Capital Cost			2,300	3,000						5,300	
- Annual Operation & Maintenance				10	110	110	110	110	110	670	
Total of Telecommunication											
- Total Capital Cost		2,000	2,800	5,500	1,500	3,000	1,450	450	200	17,100	
- Annual Operation & Maintenance		34	44	20	160	140	170	139	119	943	

Source: JICA Study Team



## Appendices



## A1. State Profile

### State Profile: Almelik State

<b>Demography</b>		
	total population	419 persons
	land area	19.8 sq. mile ( 51 sq.km)
	median age	27.2 years old
	# of households	66 households
	median # of persons per household	4.7 persons
<b>Housing</b>		
	persons living in owner-occupied housing	256 persons
	persons living in renter-occupied housing	97 persons
<b>Economy</b>		
<i>Income Level in 1994 (households)</i>		
	Median (dollars)	8,250 US\$
	Mean (dollars)	10,645 US\$
	per capita income	2,058 US\$
<i>Income Type in 1994 (household)</i>		
	With earnings	54 households
	mean earnings (dollars)	12,255 US\$
	with wage and salary income	54 households
	mean earnings (dollars)	12,135 US\$
	with self-employment income	2 households
	mean earnings (dollars)	3,250 US\$
	With customs payments	4 households
	mean earnings (dollars)	600 US\$
	With social security	14 households
	mean earnings (dollars)	2,643 US\$
	With remittances from Guam/CNMI	0 households
	mean earnings (dollars)	0 US\$
	With remittances from Hawaii/US	0 households
	mean earnings (dollars)	0 US\$
	With remittance from elsewhere	1 household
	mean earnings (dollars)	1,000 US\$
	With other income	1 households
	mean earnings (dollars)	400 US\$
<i>Class of Worker</i>		
	employed persons 16 years and over	182 persons
	private wage and salary workers	111 persons
	national government workers	25 persons
	state government workers	21 persons
	U.S. or other government workers	25 persons
	self-employed workers	0 persons
	unpaid family workers	0 persons

<b>Subsistence Activity</b>	
persons 16 years and over	294 persons
not doing subsistence activity	282 persons
doing paid work and subsistence	6 persons
doing subsistence only	6 persons
<b>Educational Attainment</b>	
percent high school graduate or higher	52.0 %
percent bachelor's degree or higher	4.8 %
<b>Accessibility to Public Services</b>	
occupied housing units	66 units
<b>Water Supply</b>	
hot and cold piped water	8 units
only cold piped water	53 units
no piped water	6 units
<b>Toilet</b>	
in-house flush toilet	26 units
out-house flush toilet	7 units
outhouse or privy	28 units
other or none	5 units
<b>Source of Water Supply</b>	
public system only	15 units
public system and rain water catchments	41 units
catchments, tanks or drums only	9 units
public standpipe	0 units
some other source	1 units
<b>Sewage Disposal</b>	
public sewer	0 units
septic tank or cesspool	31 units
other means	35 units
<b>Equipment and Facilities</b>	
occupied housing units	66 units
<b>Fuel for Cooking</b>	
electricity	4 units
gas: bottled or tank (LPG)	3 units
kerosene	7 units
electricity and gas	7 units
electricity and kerosene	25 units
gas and kerosene	3 units
electricity, gas and kerosene	17 units
other	0 units
no fuel available	0 units
<b>Refrigerator</b>	
electric	62 units
gas	0 units
no refrigerator	4 units
<b>Vehicles Owned</b>	
vehicles per household	0.9 vehicles/household
<b>Boats Owned</b>	
boats per household	0.4 boats/household

Note:

- 1) The data of the State Profile is based on "1995 Census of the Republic of Palau Vol. 1" May 28, 1997.
- 2) This profile uses "Usual Residence," which implies people registering at the state and living in their registered state.



## State Profile: Airai State

<b>Demography</b>		
	total population	1,481 persons
	land area	17.5 sq. mile ( 45 sq.km)
	median age	30.3 years old
	# of households	245 households
	median # of persons per household	4.5 persons
<b>Housing</b>		
	persons living in owner-occupied housing	1,114 persons
	persons living in renter-occupied housing	114 persons
<b>Economy</b>		
<i>Income Level in 1994 (households)</i>		
	Median (dollars)	12,546 US\$
	Mean (dollars)	16,841 US\$
	per capita income	3,313 US\$
<i>Income Type in 1994 (household)</i>		
	With earnings	207 households
	mean earnings (dollars)	17,311 US\$
	with wage and salary income	201 households
	mean earnings (dollars)	15,753 US\$
	with self-employment income	51 households
	mean earnings (dollars)	8,176 US\$
	With customs payments	82 households
	mean earnings (dollars)	2,120 US\$
	With social security	65 households
	mean earnings (dollars)	4,870 US\$
	With remittances from Guam/CNMI	13 households
	mean earnings (dollars)	798 US\$
	With remittances from Hawaii/US	17 households
	mean earnings (dollars)	2,094 US\$
	With remittance from elsewhere	4 household
	mean earnings (dollars)	763 US\$
	With other income	10 households
	mean earnings (dollars)	330 US\$
<i>Class of Worker</i>		
	employed persons 16 years and over	693 persons
	private wage and salary workers	475 persons
	national government workers	157 persons
	state government workers	21 persons
	U.S. or other government workers	19 persons
	self-employed workers	19 persons
	unpaid family workers	2 persons

<b>Subsistence Activity</b>	
persons 16 years and over	1,040 persons
not doing subsistence activity	960 persons
doing paid work and subsistence	57 persons
doing subsistence only	23 persons
<b>Educational Attainment</b>	
percent high school graduate or higher	60.1 %
percent bachelor's degree or higher	10.9 %
<b>Accessibility to Public Services</b>	
occupied housing units	245 units
<b>Water Supply</b>	
hot and cold piped water	41 units
only cold piped water	200 units
no piped water	4 units
<b>Toilet</b>	
in-house flush toilet	121 units
out-house flush toilet	17 units
outhouse or privy	101 units
other or none	6 units
<b>Source of Water Supply</b>	
public system only	198 units
public system and rain water catchments	42 units
catchments, tanks or drums only	4 units
public standpipe	- units
some other source	1 units
<b>Sewage Disposal</b>	
public sewer	9 units
septic tank or cesspool	150 units
other means	86 units
<b>Equipment and Facilities</b>	
occupied housing units	245 units
<b>Fuel for Cooking</b>	
electricity	29 units
gas: bottled or tank (LPG)	28 units
kerosene	63 units
electricity and gas	28 units
electricity and kerosene	45 units
gas and kerosene	16 units
electricity, gas and kerosene	35 units
other	1 units
no fuel available	- units
<b>Refrigerator</b>	
electric	227 units
gas	- units
no refrigerator	18 units
<b>Vehicles Owned</b>	
vehicles per household	1.2 vehicles/household
<b>Boats Owned</b>	
boats per household	0.2 boats/household

Note:

- 1) The data of the State Profile is based on "1995 Census of the Republic of Palau Vol. 1" May 28, 1997.
- 2) This profile uses "Usual Residence," which implies people registering at the state and living in their registered state.

## State Profile: Angaur State

<b>Demography</b>		
	total population	193 persons
	land area	3.3 sq. mile ( 9 sq.km)
	median age	28.4 years old
	# of households	46 households
	median # of persons per household	3.5 persons
<b>Housing</b>		
	persons living in owner-occupied housing	158 persons
	persons living in renter-occupied housing	35 persons
<b>Economy</b>		
<i>Income Level in 1994 (households)</i>		
	Median (dollars)	4,250 US\$
	Mean (dollars)	5,749 US\$
	per capita income	US\$
<i>Income Type in 1994 (household)</i>		
	With earnings	27 households
	mean earnings (dollars)	7,950 US\$
	with wage and salary income	26 households
	mean earnings (dollars)	6,860 US\$
	with self-employment income	4 households
	mean earnings (dollars)	9,075 US\$
	With customs payments	1 households
	mean earnings (dollars)	2,000 US\$
	With social security	12 households
	mean earnings (dollars)	3,811 US\$
	With remittances from Guam/CNMI	1 households
	mean earnings (dollars)	800 US\$
	With remittances from Hawaii/US	3 households
	mean earnings (dollars)	417 US\$
	With remittance from elsewhere	- household
	mean earnings (dollars)	- US\$
	With other income	- households
	mean earnings (dollars)	- US\$
<i>Class of Worker</i>		
	employed persons 16 years and over	52 persons
	private wage and salary workers	8 persons
	national government workers	6 persons
	state government workers	34 persons
	U.S. or other government workers	1 persons
	self-employed workers	1 persons
	unpaid family workers	2 persons

<b>Subsistence Activity</b>	
persons 16 years and over	123 persons
not doing subsistence activity	113 persons
doing paid work and subsistence	- persons
doing subsistence only	10 persons
<b>Educational Attainment</b>	
percent high school graduate or higher	42.6 %
percent bachelor's degree or higher	5.6 %
<b>Accessibility to Public Services</b>	
occupied housing units	46 units
<b>Water Supply</b>	
hot and cold piped water	17 units
only cold piped water	29 units
no piped water	- units
<b>Toilet</b>	
in-house flush toilet	6 units
out-house flush toilet	6 units
outhouse or privy	34 units
other or none	- units
<b>Source of Water Supply</b>	
public system only	15 units
public system and rain water catchments	28 units
catchments, tanks or drums only	3 units
public standpipe	- units
some other source	- units
<b>Sewage Disposal</b>	
public sewer	- units
septic tank or cesspool	6 units
other means	40 units
<b>Equipment and Facilities</b>	
occupied housing units	46 units
<b>Fuel for Cooking</b>	
electricity	3 units
gas: bottled or tank (LPG)	- units
kerosene	19 units
electricity and gas	- units
electricity and kerosene	4 units
gas and kerosene	2 units
electricity, gas and kerosene	- units
other	16 units
no fuel available	2 units
<b>Refrigerator</b>	
electric	39 units
gas	- units
no refrigerator	7 units
<b>Vehicles Owned</b>	
vehicles per household	0.7 vehicles/household
<b>Boats Owned</b>	
boats per household	0.1 boats/household

**Note:**

- 1) The data of the State Profile is based on "1995 Census of the Republic of Palau Vol. 1" May 28, 1997.
- 2) This profile uses "Usual Residence," which implies people registering at the state and living in their registered state.

## State Profile: Hatohobei State

<b>Demography</b>		
	total population	51 persons
	land area	0.6 sq. mile ( 2 sq.km)
	median age	32.5 years old
	# of households	12 households
	median # of persons per household	4.0 persons
<b>Housing</b>		
	persons living in owner-occupied housing	40 persons
	persons living in renter-occupied housing	11 persons
<b>Economy</b>		
<i>Income Level in 1994 (households)</i>		
	Median (dollars)	5,000 US\$
	Mean (dollars)	6,168 US\$
	per capita income	1,451 US\$
<i>Income Type in 1994 (household)</i>		
With earnings		10 households
	mean earnings (dollars)	7,050 US\$
with wage and salary income		10 households
	mean earnings (dollars)	6,970 US\$
with self-employment income		2 households
	mean earnings (dollars)	400 US\$
With customs payments		- households
	mean earnings (dollars)	- US\$
With social security		3 households
	mean earnings (dollars)	1,124 US\$
With remittances from Guam/CNMI		- households
	mean earnings (dollars)	- US\$
With remittances from Hawaii/US		- households
	mean earnings (dollars)	- US\$
With remittance from elsewhere		1 household
	mean earnings (dollars)	150 US\$
With other income		- households
	mean earnings (dollars)	- US\$
<i>Class of Worker</i>		
employed persons 16 years and over		37 persons
private wage and salary workers		10 persons
national government workers		6 persons
state government workers		21 persons
U.S. or other government workers		- persons
self-employed workers		1 persons
unpaid family workers		- persons

<b>Subsistence Activity</b>	
persons 16 years and over	43 persons
not doing subsistence activity	42 persons
doing paid work and subsistence	1 persons
doing subsistence only	- persons
<b>Educational Attainment</b>	
percent high school graduate or higher	34.4 %
percent bachelor's degree or higher	0.0 %
<b>Accessibility to Public Services</b>	
occupied housing units	12 units
<b>Water Supply</b>	
hot and cold piped water	- units
only cold piped water	- units
no piped water	12 units
<b>Toilet</b>	
in-house flush toilet	- units
out-house flush toilet	- units
outhouse or privy	12 units
other or none	- units
<b>Source of Water Supply</b>	
public system only	- units
public system and rain water catchments	- units
catchments, tanks or drums only	12 units
public standpipe	- units
some other source	- units
<b>Sewage Disposal</b>	
public sewer	- units
septic tank or cesspool	12 units
other means	- units
<b>Equipment and Facilities</b>	
occupied housing units	12 units
<b>Fuel for Cooking</b>	
electricity	- units
gas: bottled or tank (LPG)	3 units
kerosene	9 units
electricity and gas	- units
electricity and kerosene	- units
gas and kerosene	- units
electricity, gas and kerosene	- units
other	- units
no fuel available	- units
<b>Refrigerator</b>	
electric	- units
gas	- units
no refrigerator	12 units
<b>Vehicles Owned</b>	
vehicles per household	- vehicles/household
<b>Boats Owned</b>	
boats per household	0.1 boats/household

Note:

1) The data of the State Profile is based on "1995 Census of the Republic of Palau Vol. 1" May 28, 1997.

2) This profile uses "Usual Residence," which implies people registering at the state and living in their registered state.

## State Profile: Kayangel State

<b>Demography</b>		
	total population	124 persons
	land area	1 sq. mile (3 sq.km)
	median age	23.5 years old
	# of households	26 households
	median # of persons per household	4.5 persons
<b>Housing</b>		
	persons living in owner-occupied housing	118 persons
	persons living in renter-occupied housing	6 persons
<b>Economy</b>		
<i>Income Level in 1994 (households)</i>		
	Median (dollars)	5,000 US\$
	Mean (dollars)	7,947 US\$
	per capita income	1,666 US\$
<i>Income Type in 1994 (household)</i>		
<b>With earnings</b>		17 households
	mean earnings (dollars)	9,363 US\$
<b>with wage and salary income</b>		16 households
	mean earnings (dollars)	8,872 US\$
<b>with self-employment income</b>		10 households
	mean earnings (dollars)	1,721 US\$
<b>With customs payments</b>		9 households
	mean earnings (dollars)	1,417 US\$
<b>With social security</b>		6 households
	mean earnings (dollars)	3,452 US\$
<b>With remittances from Guam/CNMI</b>		- households
	mean earnings (dollars)	- US\$
<b>With remittances from Hawaii/US</b>		2 households
	mean earnings (dollars)	4,500 US\$
<b>With remittance from elsewhere</b>		1 household
	mean earnings (dollars)	5,000 US\$
<b>With other income</b>		- households
	mean earnings (dollars)	- US\$
<i>Class of Worker</i>		
<b>employed persons 16 years and over</b>		37 persons
	private wage and salary workers	4 persons
	national government workers	24 persons
	state government workers	7 persons
	U.S. or other government workers	2 persons
	self-employed workers	- persons
	unpaid family workers	- persons

<b>Subsistence Activity</b>	
persons 16 years and over	79 persons
not doing subsistence activity	53 persons
doing paid work and subsistence	12 persons
doing subsistence only	14 persons
<b>Educational Attainment</b>	
percent high school graduate or higher	38.6 %
percent bachelor's degree or higher	3.5 %
<b>Accessibility to Public Services</b>	
occupied housing units	26 units
<b>Water Supply</b>	
hot and cold piped water	- units
only cold piped water	- units
no piped water	26 units
<b>Toilet</b>	
in-house flush toilet	- units
out-house flush toilet	2 units
outhouse or privy	24 units
other or none	- units
<b>Source of Water Supply</b>	
public system only	- units
public system and rain water catchments	- units
catchments, tanks or drums only	18 units
public standpipe	- units
some other source	8 units
<b>Sewage Disposal</b>	
public sewer	- units
septic tank or cesspool	2 units
other means	24 units
<b>Equipment and Facilities</b>	
occupied housing units	26 units
<b>Fuel for Cooking</b>	
electricity	- units
gas: bottled or tank (LPG)	3 units
kerosene	19 units
electricity and gas	- units
electricity and kerosene	- units
gas and kerosene	3 units
electricity, gas and kerosene	- units
other	1 units
no fuel available	- units
<b>Refrigerator</b>	
electric	- units
gas	- units
no refrigerator	26 units
<b>Vehicles Owned</b>	
vehicles per household	0.0 vehicles/household
<b>Boats Owned</b>	
boats per household	0.3 boats/household

Note:

- 1) The data of the State Profile is based on "1995 Census of the Republic of Palau Vol. 1" May 28, 1997.
- 2) This profile uses "Usual Residence," which implies people registering at the state and living in their registered state.



## State Profile: Koror State

<b>Demography</b>		
	total population	12,299 persons
	land area	7.1 sq. mile ( 18 sq.km)
	median age	28 years old
	# of households	1,964 households
	median # of persons per household	4.7 persons
<b>Housing</b>		
	persons living in owner-occupied housing	7,879 persons
	persons living in renter-occupied housing	2,087 persons
<b>Economy</b>		
<i>Income Level in 1994 (households)</i>		
	Median (dollars)	15,707 US\$
	Mean (dollars)	22,024 US\$
	per capita income	3,988 US\$
<i>Income Type in 1994 (household)</i>		
	With earnings	1,752 households
	mean earnings (dollars)	22,164 US\$
	with wage and salary income	1,729 households
	mean earnings (dollars)	18,786 US\$
	with self-employment income	245 households
	mean earnings (dollars)	25,914 US\$
	With customs payments	366 households
	mean earnings (dollars)	3,271 US\$
	With social security	453 households
	mean earnings (dollars)	5,854 US\$
	With remittances from Guam/CNMI	58 households
	mean earnings (dollars)	750 US\$
	With remittances from Hawaii/US	60 households
	mean earnings (dollars)	1,931 US\$
	With remittance from elsewhere	32 household
	mean earnings (dollars)	8,533 US\$
	With other income	53 households
	mean earnings (dollars)	2,679 US\$
<i>Class of Worker</i>		
	employed persons 16 years and over	6,034 persons
	private wage and salary workers	4,069 persons
	national government workers	1,374 persons
	state government workers	163 persons
	U.S. or other government workers	263 persons
	self-employed workers	121 persons
	unpaid family workers	17 persons

<b>Subsistence Activity</b>	
persons 16 years and over	8,797 persons
not doing subsistence activity	8,502 persons
doing paid work and subsistence	162 persons
doing subsistence only	133 persons
<b>Educational Attainment</b>	
percent high school graduate or higher	66.9 %
percent bachelor's degree or higher	14.4 %
<b>Accessibility to Public Services</b>	
occupied housing units	1,964 units
<b>Water Supply</b>	
hot and cold piped water	537 units
only cold piped water	1,410 units
no piped water	17 units
<b>Toilet</b>	
in-house flush toilet	1,296 units
out-house flush toilet	239 units
outhouse or privy	400 units
other or none	29 units
<b>Source of Water Supply</b>	
public system only	1,310 units
public system and rain water catchments	603 units
catchments, tanks or drums only	23 units
public standpipe	13 units
some other source	15 units
<b>Sewage Disposal</b>	
public sewer	1,228 units
septic tank or cesspool	359 units
other means	377 units
<b>Equipment and Facilities</b>	
occupied housing units	1,964 units
<b>Fuel for Cooking</b>	
electricity	536 units
gas: bottled or tank (LPG)	335 units
kerosene	485 units
electricity and gas	157 units
electricity and kerosene	212 units
gas and kerosene	141 units
electricity, gas and kerosene	79 units
other	5 units
no fuel available	14 units
<b>Refrigerator</b>	
electric	1,856 units
gas	17 units
no refrigerator	91 units
<b>Vehicles Owned</b>	
vehicles per household	1.0 vehicles/household
<b>Boats Owned</b>	
boats per household	0.2 boats/household

Note:

- 1) The data of the State Profile is based on "1995 Census of the Republic of Palau Vol. 1" May 28, 1997.
- 2) This profile uses "Usual Residence," which implies people registering at the state and living in their registered state.

## State Profile: Melekeok State

<b>Demography</b>	
total population	261 persons
land area	10.7 sq. mile ( 28 sq.km)
median age	26.7 years old
# of households	54 households
median # of persons per household	4.2 persons
<b>Housing</b>	
persons living in owner-occupied housing	251 persons
persons living in renter-occupied housing	10 persons
<b>Economy</b>	
<i>Income Level in 1994 (households)</i>	
Median (dollars)	3,400 US\$
Mean (dollars)	6,885 US\$
per capita income	1,424 US\$
<i>Income Type in 1994 (household)</i>	
With earnings	27 households
mean earnings (dollars)	12,129 US\$
with wage and salary income	27 households
mean earnings (dollars)	11,885 US\$
with self-employment income	4 households
mean earnings (dollars)	1,650 US\$
With customs payments	32 households
mean earnings (dollars)	364 US\$
With social security	19 households
mean earnings (dollars)	1,718 US\$
With remittances from Guam/CNMI	0 households
mean earnings (dollars)	0 US\$
With remittances from Hawaii/US	0 households
mean earnings (dollars)	0 US\$
With remittance from elsewhere	0 household
mean earnings (dollars)	0 US\$
With other income	1 households
mean earnings (dollars)	25 US\$
<i>Class of Worker</i>	
employed persons 16 years and over	53 persons
private wage and salary workers	10 persons
national government workers	20 persons
state government workers	18 persons
U.S. or other government workers	4 persons
self-employed workers	1 persons
unpaid family workers	- persons

<b>Subsistence Activity</b>	
persons 16 years and over	175 persons
not doing subsistence activity	79 persons
doing paid work and subsistence	26 persons
doing subsistence only	70 persons
<b>Educational Attainment</b>	
percent high school graduate or higher	35.0 %
percent bachelor's degree or higher	1.5 %
<b>Accessibility to Public Services</b>	
occupied housing units	54 units
<b>Water Supply</b>	
hot and cold piped water	- units
only cold piped water	54 units
no piped water	- units
<b>Toilet</b>	
in-house flush toilet	24 units
out-house flush toilet	9 units
outhouse or privy	19 units
other or none	2 units
<b>Source of Water Supply</b>	
public system only	50 units
public system and rain water catchments	1 units
catchments, tanks or drums only	3 units
public standpipe	- units
some other source	- units
<b>Sewage Disposal</b>	
public sewer	- units
septic tank or cesspool	46 units
other means	8 units
<b>Equipment and Facilities</b>	
occupied housing units	54 units
<b>Fuel for Cooking</b>	
electricity	- units
gas: bottled or tank (LPG)	6 units
kerosene	25 units
electricity and gas	1 units
electricity and kerosene	1 units
gas and kerosene	21 units
electricity, gas and kerosene	- units
other	- units
no fuel available	- units
<b>Refrigerator</b>	
electric	42 units
gas	- units
no refrigerator	12 units
<b>Vehicles Owned</b>	
vehicles per household	0.5 vehicles/household
<b>Boats Owned</b>	
boats per household	0.3 boats/household

Note:

- 1) The data of the State Profile is based on "1995 Census of the Republic of Palau Vol. 1" May 28, 1997.
- 2) This profile uses "Usual Residence," which implies people registering at the state and living in their registered state.

## State Profile: Ngaraard State

<b>Demography</b>		
	total population	421 persons
	land area	13.9 sq. mile ( 36 sq.km)
	median age	19.3 years old
	# of households	91 households
	median # of persons per household	3.5 persons
<b>Housing</b>		
	persons living in owner-occupied housing	289 persons
	persons living in renter-occupied housing	22 persons
<b>Economy</b>		
<i>Income Level in 1994 (households)</i>		
	Median (dollars)	3,692 US\$
	Mean (dollars)	11,119 US\$
	per capita income	2,985 US\$
<i>Income Type in 1994 (household)</i>		
	With earnings	52 households
	mean earnings (dollars)	17,858 US\$
	with wage and salary income	48 households
	mean earnings (dollars)	18,450 US\$
	with self-employment income	29 households
	mean earnings (dollars)	1,482 US\$
	With customs payments	20 households
	mean earnings (dollars)	490 US\$
	With social security	20 households
	mean earnings (dollars)	3,069 US\$
	With remittances from Guam/CNMI	6 households
	mean earnings (dollars)	525 US\$
	With remittances from Hawaii/US	5 households
	mean earnings (dollars)	553 US\$
	With remittance from elsewhere	1 household
	mean earnings (dollars)	1,600 US\$
	With other income	4 households
	mean earnings (dollars)	1,128 US\$
<i>Class of Worker</i>		
	employed persons 16 years and over	88 persons
	private wage and salary workers	30 persons
	national government workers	23 persons
	state government workers	17 persons
	U.S. or other government workers	10 persons
	self-employed workers	5 persons
	unpaid family workers	3 persons

<b>Subsistence Activity</b>	
persons 16 years and over	274 persons
not doing subsistence activity	195 persons
doing paid work and subsistence	20 persons
doing subsistence only	59 persons
<b>Educational Attainment</b>	
percent high school graduate or higher	34.7 %
percent bachelor's degree or higher	6.3 %
<b>Accessibility to Public Services</b>	
occupied housing units	91 units
<b>Water Supply</b>	
hot and cold piped water	2 units
only cold piped water	63 units
no piped water	- units
<b>Toilet</b>	
in-house flush toilet	8 units
out-house flush toilet	5 units
outhouse or privy	76 units
other or none	- units
<b>Source of Water Supply</b>	
public system only	20 units
public system and rain water catchments	34 units
catchments, tanks or drums only	37 units
public standpipe	- units
some other source	- units
<b>Sewage Disposal</b>	
public sewer	- units
septic tank or cesspool	9 units
other means	82 units
<b>Equipment and Facilities</b>	
occupied housing units	91 units
<b>Fuel for Cooking</b>	
electricity	- units
gas: bottled or tank (LPG)	5 units
kerosene	67 units
electricity and gas	1 units
electricity and kerosene	1 units
gas and kerosene	16 units
electricity, gas and kerosene	- units
other	1 units
no fuel available	- units
<b>Refrigerator</b>	
electric	4 units
gas	- units
no refrigerator	26 units
<b>Vehicles Owned</b>	
vehicles per household	0.1 vehicles/household
<b>Boats Owned</b>	
boats per household	0.3 boats/household

Note:

- 1) The data of the State Profile is based on "1995 Census of the Republic of Palau Vol. 1" May 28, 1997.
- 2) This profile uses "Usual Residence," which implies people registering at the state and living in their registered state.

## State Profile: Ngarchelong State

<b>Demography</b>		
total population		253 persons
land area		4.1 sq. mile ( 11 sq.km)
median age		28.1 years old
# of households		65 households
median # of persons per household		3.7 persons
<b>Housing</b>		
persons living in owner-occupied housing		241 persons
persons living in renter-occupied housing		12 persons
<b>Economy</b>		
<i>Income Level in 1994 (households)</i>		
Median (dollars)		3,300 US\$
Mean (dollars)		7,592 US\$
per capita income		US\$
<i>Income Type in 1994 (household)</i>		
With earnings		40 households
mean earnings (dollars)		7,408 US\$
with wage and salary income		39 households
mean earnings (dollars)		6,854 US\$
with self-employment income		13 households
mean earnings (dollars)		2,231 US\$
With customs payments		16 households
mean earnings (dollars)		544 US\$
With social security		26 households
mean earnings (dollars)		2,800 US\$
With remittances from Guam/CNMI		12 households
mean earnings (dollars)		271 US\$
With remittances from Hawaii/US		6 households
mean earnings (dollars)		18,450 US\$
With remittance from elsewhere		2 household
mean earnings (dollars)		610 US\$
With other income		1 households
mean earnings (dollars)		500 US\$
<i>Class of Worker</i>		
employed persons 16 years and over		63 persons
private wage and salary workers		10 persons
national government workers		24 persons
state government workers		20 persons
U.S. or other government workers		9 persons
self-employed workers		- persons
unpaid family workers		- persons

<b>Subsistence Activity</b>	
persons 16 years and over	154 persons
not doing subsistence activity	58 persons
doing paid work and subsistence	48 persons
doing subsistence only	48 persons
<b>Educational Attainment</b>	
percent high school graduate or higher	40.3 %
percent bachelor's degree or higher	5.2 %
<b>Accessibility to Public Services</b>	
occupied housing units	65 units
<b>Water Supply</b>	
hot and cold piped water	1 units
only cold piped water	9 units
no piped water	- units
<b>Toilet</b>	
in-house flush toilet	11 units
out-house flush toilet	3 units
outhouse or privy	51 units
other or none	- units
<b>Source of Water Supply</b>	
public system only	6 units
public system and rain water catchments	47 units
catchments, tanks or drums only	2 units
public standpipe	- units
some other source	- units
<b>Sewage Disposal</b>	
public sewer	- units
septic tank or cesspool	32 units
other means	33 units
<b>Equipment and Facilities</b>	
occupied housing units	65 units
<b>Fuel for Cooking</b>	
electricity	- units
gas: bottled or tank (LPG)	4 units
kerosene	45 units
electricity and gas	1 units
electricity and kerosene	- units
gas and kerosene	14 units
electricity, gas and kerosene	1 units
other	- units
no fuel available	- units
<b>Refrigerator</b>	
electric	5 units
gas	- units
no refrigerator	60 units
<b>Vehicles Owned</b>	
vehicles per household	0.3 vehicles/household
<b>Boats Owned</b>	
boats per household	0.5 boats/household

Note:

- 1) The data of the State Profile is based on "1995 Census of the Republic of Palau Vol. 1" May 28, 1997.
- 2) This profile uses "Usual Residence," which implies people registering at the state and living in their registered state.



## State Profile: Ngardmau State

<b>Demography</b>		
total population		162 persons
land area		17.9 sq. mile ( 46 sq.km)
median age		30.8 years old
# of households		40 households
median # of persons per household		3.5 persons
<b>Housing</b>		
persons living in owner-occupied housing		162 persons
persons living in renter-occupied housing		0 persons
<b>Economy</b>		
<i>Income Level in 1994 (households)</i>		
Median (dollars)		6,000 US\$
Mean (dollars)		7,967 US\$
per capita income		1,871 US\$
<i>Income Type in 1994 (household)</i>		
With earnings		32 households
mean earnings (dollars)		7,760 US\$
with wage and salary income		31 households
mean earnings (dollars)		7,362 US\$
with self-employment income		9 households
mean earnings (dollars)		2,235 US\$
With customs payments		7 households
mean earnings (dollars)		3,514 US\$
With social security		13 households
mean earnings (dollars)		2,256 US\$
With remittances from Guam/CNMI		1 households
mean earnings (dollars)		290 US\$
With remittances from Hawaii/US		0 households
mean earnings (dollars)		0 US\$
With remittance from elsewhere		1 household
mean earnings (dollars)		500 US\$
With other income		0 households
mean earnings (dollars)		0 US\$
<i>Class of Worker</i>		
employed persons 16 years and over		51 persons
private wage and salary workers		4 persons
national government workers		18 persons
state government workers		26 persons
U.S. or other government workers		2 persons
self-employed workers		- persons
unpaid family workers		1 persons

<b>Subsistence Activity</b>	
persons 16 years and over	113 persons
not doing subsistence activity	88 persons
doing paid work and subsistence	4 persons
doing subsistence only	21 persons
<b>Educational Attainment</b>	
percent high school graduate or higher	31.6 %
percent bachelor's degree or higher	6.5 %
<b>Accessibility to Public Services</b>	
occupied housing units	40 units
<b>Water Supply</b>	
hot and cold piped water	- units
only cold piped water	39 units
no piped water	1 units
<b>Toilet</b>	
in-house flush toilet	- units
out-house flush toilet	7 units
outhouse or privy	32 units
other or none	1 unit
<b>Source of Water Supply</b>	
public system only	19 units
public system and rain water catchments	21 units
catchments, tanks or drums only	- units
public standpipe	- units
some other source	- units
<b>Sewage Disposal</b>	
public sewer	- units
septic tank or cesspool	25 units
other means	15 units
<b>Equipment and Facilities</b>	
occupied housing units	40 units
<b>Fuel for Cooking</b>	
electricity	- units
gas: bottled or tank (LPG)	- units
kerosene	38 units
electricity and gas	- units
electricity and kerosene	- units
gas and kerosene	2 units
electricity, gas and kerosene	- units
other	- units
no fuel available	- units
<b>Refrigerator</b>	
electric	- units
gas	- units
no refrigerator	40 units
<b>Vehicles Owned</b>	
vehicles per household	0.1 vehicles/household
<b>Boats Owned</b>	
boats per household	0.4 boats/household

**Note:**

- 1) The data of the State Profile is based on "1995 Census of the Republic of Palau Vol. 1" May 28, 1997.
- 2) This profile uses "Usual Residence," which implies people registering at the state and living in their registered state.

## State Profile: Ngatpang State

<b>Demography</b>		
	total population	221 persons
	land area	17.6 sq. mile ( 46 sq.km)
	median age	18.8 years old
	# of households	37 households
	median # of persons per household	4.7 persons
<b>Housing</b>		
	persons living in owner-occupied housing	187 persons
	persons living in renter-occupied housing	12 persons
<b>Economy</b>		
<i>Income Level in 1994 (households)</i>		
	Median (dollars)	11,250 US\$
	Mean (dollars)	11,879 US\$
	per capita income	2,022 US\$
<i>Income Type in 1994 (household)</i>		
	With earnings	32 households
	mean earnings (dollars)	10,791 US\$
	with wage and salary income	32 households
	mean earnings (dollars)	10,211 US\$
	with self-employment income	8 households
	mean earnings (dollars)	2,321 US\$
	With customs payments	23 households
	mean earnings (dollars)	2,574 US\$
	With social security	8 households
	mean earnings (dollars)	2,420 US\$
	With remittances from Guam/CNMI	7 households
	mean earnings (dollars)	929 US\$
	With remittances from Hawaii/US	4 households
	mean earnings (dollars)	438 US\$
	With remittance from elsewhere	15 household
	mean earnings (dollars)	460 US\$
	With other income	1 households
	mean earnings (dollars)	500 US\$
<i>Class of Worker</i>		
	employed persons 16 years and over	74 persons
	private wage and salary workers	24 persons
	national government workers	21 persons
	state government workers	23 persons
	U.S. or other government workers	5 persons
	self-employed workers	1 persons
	unpaid family workers	0 persons

<b>Subsistence Activity</b>	
persons 16 years and over	126 persons
not doing subsistence activity	105 persons
doing paid work and subsistence	14 persons
doing subsistence only	7 persons
<b>Educational Attainment</b>	
percent high school graduate or higher	31.5 %
percent bachelor's degree or higher	6.5 %
<b>Accessibility to Public Services</b>	
occupied housing units	37 units
<b>Water Supply</b>	
hot and cold piped water	- units
only cold piped water	24 units
no piped water	13 units
<b>Toilet</b>	
in-house flush toilet	5 units
out-house flush toilet	1 units
outhouse or privy	29 units
other or none	2 units
<b>Source of Water Supply</b>	
public system only	- units
public system and rain water catchments	16 units
catchments, tanks or drums only	21 units
public standpipe	- units
some other source	- units
<b>Sewage Disposal</b>	
public sewer	- units
septic tank or cesspool	22 units
other means	15 units
<b>Equipment and Facilities</b>	
occupied housing units	37 units
<b>Fuel for Cooking</b>	
electricity	1 units
gas: bottled or tank (LPG)	5 units
kerosene	6 units
electricity and gas	7 units
electricity and kerosene	3 units
gas and kerosene	10 units
electricity, gas and kerosene	4 units
other	1 units
no fuel available	- units
<b>Refrigerator</b>	
electric	23 units
gas	1 units
no refrigerator	13 units
<b>Vehicles Owned</b>	
vehicles per household	0.8 vehicles/household
<b>Boats Owned</b>	
boats per household	0.4 boats/household

Note:

1) The data of the State Profile is based on "1995 Census of the Republic of Palau Vol. 1" May 28, 1997.

2) This profile uses "Usual Residence," which implies people registering at the state and living in their registered state.

## State Profile: Ngchesar State

<b>Demography</b>		
	total population	268 persons
	land area	16.4 sq. mile ( 42 sq.km)
	median age	35.6 years old
	# of households	67 households
	median # of persons per household	3.1 persons
<b>Housing</b>		
	persons living in owner-occupied housing	223 persons
	persons living in renter-occupied housing	5 persons
<b>Economy</b>		
<i>Income Level in 1994 (households)</i>		
	Median (dollars)	5,250 US\$
	Mean (dollars)	7,184 US\$
	per capita income	2,111 US\$
<i>Income Type in 1994 (household)</i>		
With earnings		56 households
	mean earnings (dollars)	7,402 US\$
with wage and salary income		35 households
	mean earnings (dollars)	9,144 US\$
with self-employment income		32 households
	mean earnings (dollars)	2,952 US\$
With customs payments		6 households
	mean earnings (dollars)	667 US\$
With social security		20 households
	mean earnings (dollars)	2,414 US\$
With remittances from Guam/CNMI		8 households
	mean earnings (dollars)	903 US\$
With remittances from Hawaii/US		4 households
	mean earnings (dollars)	1,300 US\$
With remittance from elsewhere		5 household
	mean earnings (dollars)	423 US\$
With other income		- households
	mean earnings (dollars)	- US\$
<i>Class of Worker</i>		
employed persons 16 years and over		101 persons
private wage and salary workers		4 persons
national government workers		17 persons
state government workers		17 persons
U.S. or other government workers		5 persons
self-employed workers		58 persons
unpaid family workers		- persons

<b>Subsistence Activity</b>	
persons 16 years and over	148 persons
not doing subsistence activity	87 persons
doing paid work and subsistence	58 persons
doing subsistence only	3 persons
<b>Educational Attainment</b>	
percent high school graduate or higher	27.5 %
percent bachelor's degree or higher	5.3 %
<b>Accessibility to Public Services</b>	
occupied housing units	67 units
<b>Water Supply</b>	
hot and cold piped water	1 units
only cold piped water	44 units
no piped water	22 units
<b>Toilet</b>	
in-house flush toilet	14 units
out-house flush toilet	5 units
outhouse or privy	47 units
other or none	1 units
<b>Source of Water Supply</b>	
public system only	41 units
public system and rain water catchments	2 units
catchments, tanks or drums only	18 units
public standpipe	- units
some other source	6 units
<b>Sewage Disposal</b>	
public sewer	1 units
septic tank or cesspool	14 units
other means	52 units
<b>Equipment and Facilities</b>	
occupied housing units	67 units
<b>Fuel for Cooking</b>	
electricity	- units
gas: bottled or tank (LPG)	6 units
kerosene	50 units
electricity and gas	- units
electricity and kerosene	- units
gas and kerosene	10 units
electricity, gas and kerosene	1 units
other	- units
no fuel available	- units
<b>Refrigerator</b>	
electric	4 units
gas	- units
no refrigerator	63 units
<b>Vehicles Owned</b>	
vehicles per household	0.4 vehicles/household
<b>Boats Owned</b>	
boats per household	0.3 boats/household

Note:

1) The data of the State Profile is based on "1995 Census of the Republic of Palau Vol. 1" May 28, 1997.

2) This profile uses "Usual Residence," which implies people registering at the state and living in their registered state.

## State Profile: Ngeremlengui State

<b>Demography</b>		
	total population	281 persons
	land area	25 sq. mile ( 65 sq.km)
	median age	29.4 years old
	# of households	65 households
	median # of persons per household	3.8 persons
<b>Housing</b>		
	persons living in owner-occupied housing	272 persons
	persons living in renter-occupied housing	9 persons
<b>Economy</b>		
<i>Income Level in 1994 (households)</i>		
	Median (dollars)	5,600 US\$
	Mean (dollars)	8,666 US\$
	per capita income	2,010 US\$
<i>Income Type in 1994 (household)</i>		
	With earnings	46 households
	mean earnings (dollars)	9,244 US\$
	with wage and salary income	44 households
	mean earnings (dollars)	8,985 US\$
	with self-employment income	9 households
	mean earnings (dollars)	3,322 US\$
	With customs payments	10 households
	mean earnings (dollars)	2,088 US\$
	With social security	24 households
	mean earnings (dollars)	2,153 US\$
	With remittances from Guam/CNMI	3 households
	mean earnings (dollars)	1,326 US\$
	With remittances from Hawaii/US	2 households
	mean earnings (dollars)	1,500 US\$
	With remittance from elsewhere	6 household
	mean earnings (dollars)	7,159 US\$
	With other income	5 households
	mean earnings (dollars)	3,400 US\$
<i>Class of Worker</i>		
	employed persons 16 years and over	93 persons
	private wage and salary workers	25 persons
	national government workers	22 persons
	state government workers	32 persons
	U.S. or other government workers	12 persons
	self-employed workers	2 persons
	unpaid family workers	- persons

<b>Subsistence Activity</b>	
persons 16 years and over	184 persons
not doing subsistence activity	131 persons
doing paid work and subsistence	33 persons
doing subsistence only	20 persons
<b>Educational Attainment</b>	
percent high school graduate or higher	33.5 %
percent bachelor's degree or higher	8.2 %
<b>Accessibility to Public Services</b>	
occupied housing units	65 units
<b>Water Supply</b>	
hot and cold piped water	2 units
only cold piped water	61 units
no piped water	2 units
<b>Toilet</b>	
in-house flush toilet	12 units
out-house flush toilet	7 units
outhouse or privy	44 units
other or none	2 units
<b>Source of Water Supply</b>	
public system only	56 units
public system and rain water catchments	3 units
catchments, tanks or drums only	1 units
public standpipe	- units
some other source	5 units
<b>Sewage Disposal</b>	
public sewer	1 units
septic tank or cesspool	13 units
other means	51 units
<b>Equipment and Facilities</b>	
occupied housing units	65 units
<b>Fuel for Cooking</b>	
electricity	- units
gas: bottled or tank (LPG)	2 units
kerosene	43 units
electricity and gas	- units
electricity and kerosene	- units
gas and kerosene	17 units
electricity, gas and kerosene	- units
other	- units
no fuel available	3 units
<b>Refrigerator</b>	
electric	45 units
gas	- units
no refrigerator	20 units
<b>Vehicles Owned</b>	
vehicles per household	0.7 vehicles/household
<b>Boats Owned</b>	
boats per household	0.1 boats/household

Note:

- 1) The data of the State Profile is based on "1995 Census of the Republic of Palau Vol. 1" May 28, 1997.
- 2) This profile uses "Usual Residence," which implies people registering at the state and living in their registered state.



## State Profile: Ngwal State

<b>Demography</b>		
total population		176 persons
land area		10.3 sq. mile ( 27 sq.km)
median age		32.5 years old
# of households		47 households
median # of persons per household		3.6 persons
<b>Housing</b>		
persons living in owner-occupied housing		172 persons
persons living in renter-occupied housing		4 persons
<b>Economy</b>		
<i>Income Level in 1994 (households)</i>		
Median (dollars)		4,125 US\$
Mean (dollars)		6,232 US\$
per capita income		US\$
<i>Income Type in 1994 (household)</i>		
With earnings		29 households
mean earnings (dollars)		7,257 US\$
with wage and salary income		28 households
mean earnings (dollars)		6,567 US\$
with self-employment income		12 households
mean earnings (dollars)		2,215 US\$
With customs payments		15 households
mean earnings (dollars)		237 US\$
With social security		14 households
mean earnings (dollars)		4,391 US\$
With remittances from Guam/CNMI		6 households
mean earnings (dollars)		592 US\$
With remittances from Hawaii/US		10 households
mean earnings (dollars)		335 US\$
With remittance from elsewhere		1 household
mean earnings (dollars)		750 US\$
With other income		7 households
mean earnings (dollars)		1,400 US\$
<i>Class of Worker</i>		
employed persons 16 years and over		42 persons
private wage and salary workers		5 persons
national government workers		16 persons
state government workers		18 persons
U.S. or other government workers		1 persons
self-employed workers		2 persons
unpaid family workers		- persons

<b>Subsistence Activity</b>	
persons 16 years and over	123 persons
not doing subsistence activity	80 persons
doing paid work and subsistence	15 persons
doing subsistence only	28 persons
<b>Educational Attainment</b>	
percent high school graduate or higher	34.6 %
percent bachelor's degree or higher	5.6 %
<b>Accessibility to Public Services</b>	
occupied housing units	47 units
<b>Water Supply</b>	
hot and cold piped water	3 units
only cold piped water	39 units
no piped water	1 units
<b>Toilet</b>	
in-house flush toilet	9 units
out-house flush toilet	6 units
outhouse or privy	31 units
other or none	1 units
<b>Source of Water Supply</b>	
public system only	6 units
public system and rain water catchments	37 units
catchments, tanks or drums only	- units
public standpipe	- units
some other source	4 units
<b>Sewage Disposal</b>	
public sewer	- units
septic tank or cesspool	24 units
other means	23 units
<b>Equipment and Facilities</b>	
occupied housing units	47 units
<b>Fuel for Cooking</b>	
electricity	- units
gas: bottled or tank (LPG)	5 units
kerosene	24 units
electricity and gas	- units
electricity and kerosene	2 units
gas and kerosene	13 units
electricity, gas and kerosene	1 units
other	2 units
no fuel available	- units
<b>Refrigerator</b>	
electric	21 units
gas	- units
no refrigerator	26 units
<b>Vehicles Owned</b>	
vehicles per household	0.2 vehicles/household
<b>Boats Owned</b>	
boats per household	0.4 boats/household

Note:

- 1) The data of the State Profile is based on "1995 Census of the Republic of Palau Vol. 1" May 28, 1997.
- 2) This profile uses "Usual Residence," which implies people registering at the state and living in their registered state.

## State Profile: Peleliu State

<b>Demography</b>		
	total population	575 persons
	land area	4.7 sq. mile ( 12 sq.km)
	median age	28.5 years old
	# of households	126 households
	median # of persons per household	4.2 persons
<b>Housing</b>		
	persons living in owner-occupied housing	508 persons
	persons living in renter-occupied housing	67 persons
<b>Economy</b>		
<i>Income Level in 1994 (households)</i>		
	Median (dollars)	4,955 US\$
	Mean (dollars)	8,298 US\$
	per capita income	1,862 US\$
<i>Income Type in 1994 (household)</i>		
	With earnings	78 households
	mean earnings (dollars)	9,107 US\$
	with wage and salary income	71 households
	mean earnings (dollars)	8,911 US\$
	with self-employment income	24 households
	mean earnings (dollars)	3,236 US\$
	With customs payments	56 households
	mean earnings (dollars)	1,044 US\$
	With social security	49 households
	mean earnings (dollars)	2,959 US\$
	With remittances from Guam/CNMI	16 households
	mean earnings (dollars)	1,373 US\$
	With remittances from Hawaii/US	11 households
	mean earnings (dollars)	1,177 US\$
	With remittance from elsewhere	26 household
	mean earnings (dollars)	2,405 US\$
	With other income	34 households
	mean earnings (dollars)	1,741 US\$
<i>Class of Worker</i>		
	employed persons 16 years and over	133 persons
	private wage and salary workers	37 persons
	national government workers	27 persons
	state government workers	55 persons
	U.S. or other government workers	11 persons
	self-employed workers	2 persons
	unpaid family workers	1 persons

<b>Subsistence Activity</b>	
persons 16 years and over	391 persons
not doing subsistence activity	275 persons
doing paid work and subsistence	49 persons
doing subsistence only	67 persons
<b>Educational Attainment</b>	
percent high school graduate or higher	37.0 %
percent bachelor's degree or higher	2.2 %
<b>Accessibility to Public Services</b>	
occupied housing units	129 units
<b>Water Supply</b>	
hot and cold piped water	2 units
only cold piped water	122 units
no piped water	5 units
<b>Toilet</b>	
in-house flush toilet	17 units
out-house flush toilet	6 units
outhouse or privy	102 units
other or none	4 units
<b>Source of Water Supply</b>	
public system only	2 units
public system and rain water catchments	121 units
catchments, tanks or drums only	6 units
public standpipe	- units
some other source	- units
<b>Sewage Disposal</b>	
public sewer	- units
septic tank or cesspool	122 units
other means	7 units
<b>Equipment and Facilities</b>	
occupied housing units	129 units
<b>Fuel for Cooking</b>	
electricity	- units
gas: bottled or tank (LPG)	17 units
kerosene	86 units
electricity and gas	4 units
electricity and kerosene	3 units
gas and kerosene	18 units
electricity, gas and kerosene	1 units
other	- units
no fuel available	- units
<b>Refrigerator</b>	
electric	117 units
gas	1 units
no refrigerator	11 units
<b>Vehicles Owned</b>	
vehicles per household	0.8 vehicles/household
<b>Boats Owned</b>	
boats per household	0.3 boats/household

Note:

1) The data of the State Profile is based on "1995 Census of the Republic of Palau Vol. 1" May 28, 1997.

2) This profile uses "Usual Residence," which implies people registering at the state and living in their registered state.

## State Profile: Sonsorol State

<b>Demography</b>		
	total population	80 persons
	land area	1 sq. mile ( 2 sq.km)
	median age	21.7 years old
	# of households	19 households
	median # of persons per household	3.1 persons
<b>Housing</b>		
	persons living in owner-occupied housing	64 persons
	persons living in renter-occupied housing	14 persons
<b>Economy</b>		
<i>Income Level in 1994 (households)</i>		
	Median (dollars)	4,000 US\$
	Mean (dollars)	4,908 US\$
	per capita income	1,166 US\$
<i>Income Type in 1994 (household)</i>		
	With earnings	13 households
	mean earnings (dollars)	6,171 US\$
	with wage and salary income	13 households
	mean earnings (dollars)	6,075 US\$
	with self-employment income	2 households
	mean earnings (dollars)	625 US\$
	With customs payments	- households
	mean earnings (dollars)	- US\$
	With social security	4 households
	mean earnings (dollars)	2,250 US\$
	With remittances from Guam/CNMI	3 households
	mean earnings (dollars)	133 US\$
	With remittances from Hawaii/US	3 households
	mean earnings (dollars)	1,023 US\$
	With remittance from elsewhere	4 household
	mean earnings (dollars)	138 US\$
	With other income	- households
	mean earnings (dollars)	- US\$
<i>Class of Worker</i>		
	employed persons 16 years and over	26 persons
	private wage and salary workers	6 persons
	national government workers	6 persons
	state government workers	13 persons
	U.S. or other government workers	- persons
	self-employed workers	1 persons
	unpaid family workers	- persons

<b>Subsistence Activity</b>	
persons 16 years and over	50 persons
not doing subsistence activity	43 persons
doing paid work and subsistence	5 persons
doing subsistence only	2 persons
<b>Educational Attainment</b>	
percent high school graduate or higher	44.4 %
percent bachelor's degree or higher	0.0 %
<b>Accessibility to Public Services</b>	
occupied housing units	19 units
<b>Water Supply</b>	
hot and cold piped water	- units
only cold piped water	3 units
no piped water	16 units
<b>Toilet</b>	
in-house flush toilet	- units
out-house flush toilet	- units
outhouse or privy	19 units
other or none	- units
<b>Source of Water Supply</b>	
public system only	- units
public system and rain water catchments	1 units
catchments, tanks or drums only	18 units
public standpipe	- units
some other source	- units
<b>Sewage Disposal</b>	
public sewer	- units
septic tank or cesspool	18 units
other means	1 units
<b>Equipment and Facilities</b>	
occupied housing units	19 units
<b>Fuel for Cooking</b>	
electricity	- units
gas: bottled or tank (LPG)	1 units
kerosene	16 units
electricity and gas	1 units
electricity and kerosene	- units
gas and kerosene	1 units
electricity, gas and kerosene	- units
other	- units
no fuel available	- units
<b>Refrigerator</b>	
electric	- units
gas	1 units
no refrigerator	18 units
<b>Vehicles Owned</b>	
vehicles per household	0.0 vehicles/household
<b>Boats Owned</b>	
boats per household	0.1 boats/household

Note:

1) The data of the State Profile is based on "1995 Census of the Republic of Palau Vol. 1" May 28, 1997.

2) This profile uses "Usual Residence," which implies people registering at the state and living in their registered state.