

## 24. LESOTHO



### 24.1 Background

#### 24.1.1 General

Area (in thousands) :	30.0 km <sup>2</sup>	Population (in thousands) :	2,153
		Urban :	602
		Rural :	1,551
Main language :	English	Growth Rate:	2.2 %/yr

#### 24.1.2 Water Resources

Rainfall :	_ mm	Total water use:	
Renewable water resources :	4.0 km <sup>3</sup> /yr	Domestic :	22%
Total water withdrawals :	0.05 km <sup>3</sup> /yr	Industrial :	22%
=	34 m <sup>3</sup> /cap/yr	Agricultural :	56%

#### 24.1.3 Health and Hygiene Education

Life expectancy :	56.0 yrs	Infant Mort Rate:	93 infant deaths/1000 live births
School health/hygiene education policy :	Yes	Child Mort. Rate:	130 child deaths/1000 live births
School curricula with health education :	100%		

### 24.2 Coverage

#### 24.2.1 Current Coverage (in thousands)

Water Supply	Population	Pop. With House Connection	Pop. With Public Waterpoint	Population Served	Population Unserved	% Pop. Served
Urban water	602	167	19	590	12	98
Rural water	1,551	-	-	1,365	186	88
Total water	2,153	167	19	1,955	198	91

Sanitation	Population	Pop. With Public Sewer	Pop. With Other System	Population Served	Population Unserved	% Pop. Served
Urban sanitation	602	NMF	NMF	560	42	93
Rural sanitation	1,551	NMF	NMF	1,427	124	92
Total sanitation	2,153	NMF	NMF	1,987	166	92

#### 24.2.2 Operational Aspects

Operations	% of total
Water systems providing intermittent supply	0.1
Water systems using disinfection	100
Rural water systems functioning	-
Treatment of wastewater from public sewers	100

Average availability of water in urban areas: 24 hrs/day



### 24.2.3 Water Quality

National drinking water quality standards exist and are less strict than the WHO Guidelines. In general, drinking water quality is effective in urban systems and not effective in rural systems.

### 24.2.4 Population Projections (in thousands)

Population	1980	1990	2000	2010	2020	2030
Urban	-	346	602	-	-	-
Rural	-	1,376	1,551	-	-	-
Total	1,346	1,722	2,513	2,610	3,201	3,793

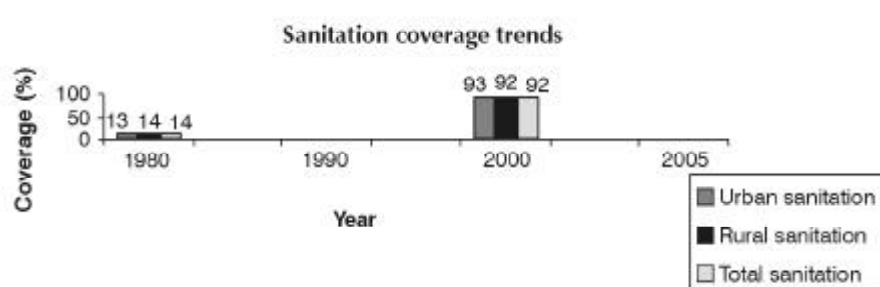
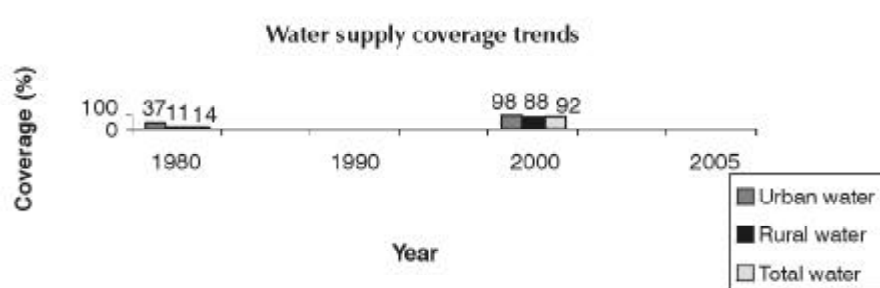
### 24.2.5 Coverage Trends (in thousands)<sup>a</sup>

Year	Total Population	Population Served	Population Unserved	% Served
Urban water				
1980	-	55	95	37
1990	346	-	-	-
2000	602	590	12	98
Rural water				
1980	-	126	1,024	11
1990	1,376	-	-	-
2000	1,551	1,365	186	88
Total water				
1980	1,346	181	1,119	14
1990	1,722	-	-	-
2000	2,513	1,955	198	91
Urban sanitation				
1980	-	20	130	13
1990	346	-	-	-
2000	602	560	42	93
Rural sanitation				
1980	-	162	988	14
1990	1,376	-	-	-
2000	1,551	1,427	124	92
Total sanitation				
1980	1,346	182	1,118	14
1990	1,722	-	-	-
2000	2,513	1,987	166	92

### 24.2.6 Coverage Targets (in thousands)

Target Area	Target Pop. (Yr 2005)	% Served
Urban water	NMF	NMF
Rural water	-	-
Urban sanitation (sewerage)	NMF	NMF
Urban sanitation (other)	NMF	NMF
Rural sanitation	NMF	NMF





### 24.3 Largest City: Maseru

Population (in thousands) :	272	Urban	:	- (-%)
		Informal settlements	:	- (-%)
Growth Rate			:	2%
Water Production			:	81 l/cap/day
Metering of connections			:	97%
Unaccounted for Water			:	32%
Water Disinfection			:	11%
Unacceptable Water Quality Tests			:	9%
Treatment of Wastewater from Public Sewers			:	-%

Water	Population Served (thousands)	Sanitation	Population Served (thousands)
House connections	<sup>a</sup> 72	Public sewers	17
Yard taps		Septic tanks	13
Public standpipes	25	Wet latrines	-
Boreholes with handpumps	-	VIP latrines	161
Other	-	Simple pit latrines	53
Total served	97	Others	-
Total unserved	175	Total served	244
		Total unserved	29

<sup>a</sup>Population served for house connection and yard taps



## 24.4 Costs and Investments

### 24.4.1 Costs and Tariffs (US\$/m3)

Average water production cost	0.46
Average water tariff	0.52
Average sewage tariff	0.50

### 24.4.2 User Charges (US\$/month)

Water Supply	Average Charge	Sanitation	Average Charge
House connections	NMF	Sewerage	NMF
Other public systems	0.25	On-site disposal	NMF

### 24.4.3 Construction Costs (US\$/capita)

Water Supply	Cost	Sanitation	Cost
Piped systems with houseconnections	40	Sewerage with house connections	100
Public standposts	-	Small bore sewers	-
Boreholes with handpumps	-	Septic tank	166
Protected dug wells	-	Wet latrines	-
Rainwater collection	-	VIP latrines	-
		Simple pit latrines	-

### 24.4.4 Sources of Investment (1000 US\$)

Service Area	National Funds	External Funds	Total
Urban water	1,577	6,356	7,933
Rural water	1,656	3,793	5,449
Urban sanitation	1,750	3,670	5,420
Rural sanitation	789	3,619	4,408
Total	5,772	17,438	23,210

Government allocation to sector over 1990-1999: \_% of national development expenditure

## 24.5 Policy, Planning and Institutions

### 24.5.1 Water Supply and Sanitation Policy

There is no clear government policy on the water supply and sanitation sector. Policy guidance is obtained from the general political principles however there is a draft policy on the water sector. The document deals with mainly the areas of application taking into account the institutional, organizational and strategic role for the Ministry of Natural Resources, which is responsible for water affairs. The further guidance is to make water services available and affordable by all. Water supply and sanitation enjoys the highest priority in the country. The national steering committee on water supply and sanitation has agreed to start drafting a national policy on sanitation.

### 24.5.2 National Water Supply and Sanitation Plan: Yes (Year 1995)



### 24.5.3 Key Sector Institutions:

#### Urban Water

Water and Sewerage Authority

#### Rural Water

Department of Rural Water Supply

#### Urban Sanitation

Water and Sewerage Authority

#### Rural Sanitation

National Rural Sanitation Programme

### 24.5.4 External Support Organizations

Helvetas, Swiss Development Cooperation and KFW

## 24.6 Collaboration and Coordination

The collaborative mechanism in place is mainly through newsletters, annual reports and electronic media. This is a very effective tool for communication.

Lesotho expects to improve the coordination and collaboration amongst the different players within the overall water supply and sanitation sector.

## 24.7 New Approaches

Provision of water supply and sanitation services is in the hands of a para-statal company, the water and sewerage authority. Private sector participation is only limited to consultancies, construction but not management. It is under consideration just now.

Participation is promoted by the ministries which solicit community consensus and decisions on financial contributions and choice of material.

### Box 1

#### Actions on Brazzaville Declaration

The Brazzaville Declaration was distributed to all ministries, NGOs and UN. The government considers the AFRICA 2000 Initiative as a component of the environmental health programme of the Ministry of Health and Social Welfare. Staff of the Environmental Health Division are mobilized to promote the initiative. Three regional model villages will be instituted in 1998

## 24.8 Major Constraints to Sector Development

- Inadequate cost-recovery framework
- Inadequate operation and maintenance
- logistics

## 24.9 Contact Person/Agency for Further Information

### 24.9.1 Country-Level WHO Contacts

1. Agency : WHO  
Person : Dr. J. A. Kalilani  
Address : P. O. Box 214, Maseru-100 Lesotho  
Telephone No : 09266/312122  
Fax No : 09266/310213  
E-mail : Kalilani@lesoff.co.za  
: Who@lesoff.co.za

2. Agency : WHO  
Person : Mr. V. H. Tolofi  
Address : P. O. Box 214, Maseru-100 Lesotho  
Telephone No : 09266/312122  
Fax No : 09266/310213  
E-mail : kalilani@lesoff.co.za  
: Who@lesoff.co.za



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3. Agency : MOHHS/EHD  
Person : Mr. S. N. Theko  
Address : Ministry of Health, P. O. Box 514, Maseru-100, Lesotho  
Telephone No : 09266/316605  
Fax No : 09266/323010

#### 24.9..2 Government, Multilateral or Bilateral Agency Contacts

1. Agency : Urban Sanitation Improvement Team (USIT)  
Person : Mathato Pheko  
Address : Private Bag A41 Maseru  
Telephone No : 324441
2. Agency : Department of Water Affairs  
Person : S. L. Tan  
Address : P. O. Box 772 Maseru-100, Lesotho  
Telephone No : 317102  
Fax No : 313602  
E-mail : Wateroff@lesoff.co.za
3. Agency : National Rural Sanitation Programme (NRSP)  
Person : Palese Mofosi  
Address : P. O. Box 514 Maseru-100 Lesotho  
Telephone No : 316060  
Fax No : 323010

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*Note: (-) = No data provided; NMF = No Meaningful Figure*

*<sup>a</sup>Source: 1980 population data = UN World Population Prospects; 1980 service coverage = The International Drinking Water Supply and Sanitation Decade (as at 31 December 1980).*

