

PHNOM PENH WATER SUPPLY	
Production & Distribution	<p>Population¹: 981,805 (2001)</p> <p>Annual Production 37,763,647</p> <p>Groundwater Nil</p> <p>Surface Water 100%</p> <p>Annual Consumption</p> <p>Domestic 16,988,665 m³</p> <p>Nondomestic 10,867,034 m³</p> <p>Total 27,855,699 m³</p>
Service Connections	<p>Domestic² 64,035</p> <p>Nondomestic 10,910</p> <p>Total 74,945</p>
Service Indicators	<p>Service Coverage 84%</p> <p>24-hour Water Availability 100%</p> <p>Per Capita Consumption 104 l/c/d</p> <p>Average Tariff US\$0.244/m³</p>
Efficiency Indicators	<p>Nonrevenue Water 26%</p> <p>Unit Production Cost US\$0.082/m³</p> <p>Working Ratio 0.46</p> <p>Staff/1,000 Connections 5.4</p> <p>Revenue Collection Efficiency 99.6%</p>
Small-scale Water Providers	<p>In Phnom Penh, private water networks supply water to households, particularly those located in the vicinity of the Tonle Sap, Mekong, and Bassac rivers. These private networks pump water directly from the river and supply untreated water (although some treat it with aluminum sulfate) to individual connections, for which consumption is either metered or unmetered. Average price is about KR1,500 (US\$0.38)/m³. Others perform further treatment on water from PPWSA and sell it as bottled water at an average cost of US\$1.00/20 liters. Still others resell PPWSA water to households without connections at KR7,500 (US\$1.92)–KR20,000 (US\$5.12)/m³.</p>
Private Sector Participation	<p>In its draft water policy, the Government of Cambodia encourages PSP in all areas of service provision including service contracts, management contracts, lease contracts, concession contracts, BOT contracts, and build-operate-own contracts. However, to date, there is no PSP in water supply in Phnom Penh.</p>
Flood Management	<p>The city is susceptible to flooding from the surrounding rivers and water backup during peak flood events caused by flood regulation measures in downstream Viet Nam. Flood protection and drainage facilities in Phnom Penh consist of outer and inner ring dikes, 10 drainage pumping stations, drainage channels, and the sewer network. The Kop Srov and Tompun dikes are eroded and major drainage channels are clogged with debris and sediments in many parts. The Emergency Flood Rehabilitation Project funded by ADB is rehabilitating these dikes at a cost of US\$54 million.</p>
Notes	<p>¹ The population in the service area is 532,130.</p> <p>² The average number of persons per connection in 2001 was 7. The increase in total connections in 2001 was 7,929.</p>
Data as of 2001.	

