

# Investment in Water and Sewerage Projects with Private Participation, by Region, in Middle- and Low- Income Countries, 1990 to 2004

## Description

Table 9 contains data on total investment (in US\$ million nominal dollars) in infrastructure projects with private participation from 1990 to 2004 in middle- and low-income countries. For this table, only projects that are designed to provide potable water production and distribution and sewerage collection and treatment are included.

Data are grouped by region and listed in the year the project contract was finalized (defined by the World Bank as “financial closure”). Total investment between 1990 and 2004 was over \$41 billion. By 2004, however, contracts representing 37 percent of this investment were either canceled or in distress. These data indicate that total investment in all countries is substantially less than during the peak years of the late 1990s. In addition, investment in middle- and low-income countries has been concentrated in two regions, East Asia and the Pacific and Latin America and the Caribbean. Investment in the rest of the world, especially Africa, has been minor.

The database includes only projects that have reached financial closure. The definition of financial closure varies among types of private participation but typically require a final, legally binding commitment for funding, management, or asset acquisition.

The World Bank PPI database covers infrastructure projects that meet three criteria:

- Projects that are owned or managed by private companies in low- and middle-income countries
- Projects that directly or indirectly serve the public
- Projects that reached financial closure after 1983

Figure DT 9.1 shows the breakdown by region of the sum of these investments over this period. Figure DT 9.2 shows total investment by year.

## Limitations

Investments are added to the database upon financial closure. Projects that are cancelled are not removed from the database, thus these data overestimate actual investments. These data do not track private investment alone; rather they track total investment in projects with private participation. It is not possible using this database to separate out public and private investment totals. Some of the projects covered here are 100 percent private; others may be less than 50 percent private. Details on specific projects can be found in the database.

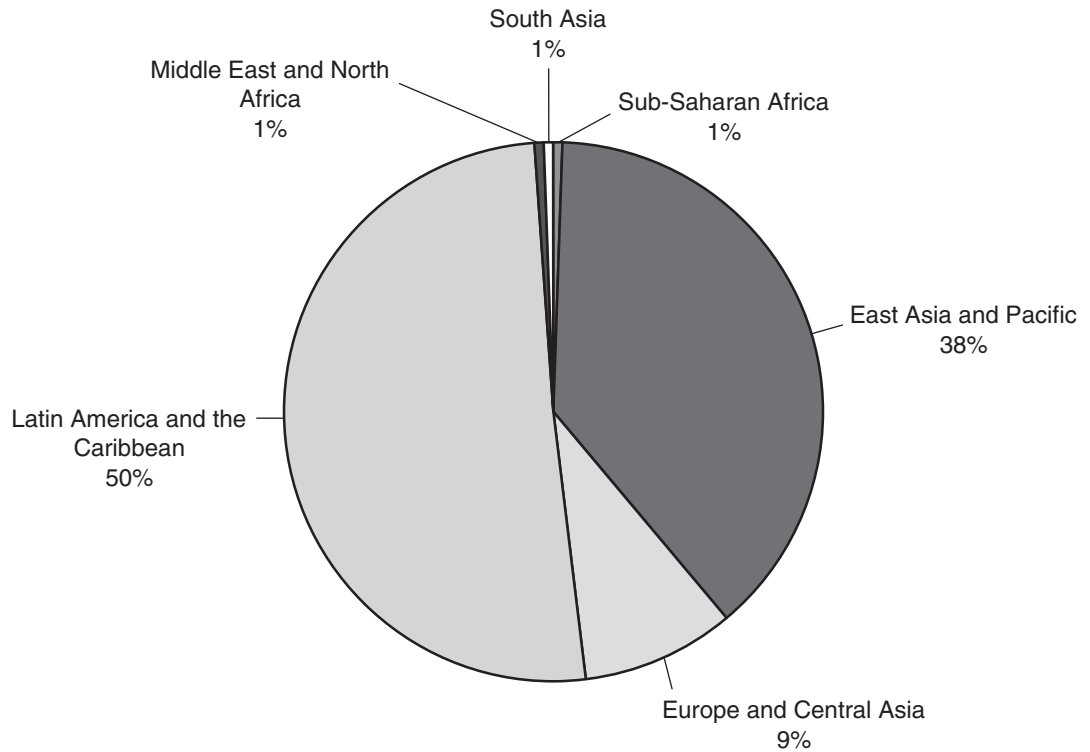
## Source

World Bank. 2006. Private Participation in Infrastructure (PPI) database. World Bank, Washington, DC. <http://www.ppi.worldbank.org>.

**DATA TABLE 9** Investment in Water and Sewerage Projects with Private Participation, by Region, in Middle- and Low-Income Countries, 1990 to 2004

Investment in US\$ Millions (nominal)							
Year of Investment	Sub-Saharan Africa	East Asia and Pacific	Europe and Central Asia	Latin America and the Caribbean	Middle East and North Africa	South Asia	Total Public and Private Investment
1990	0	0	0	0	0	0	0
1991	1	0	0	75	0	0	76
1992	0	1,559	0	0	6	0	1,565
1993	0	2,332	0	4,084	0	0	6,416
1994	0	133	16	263	0	0	412
1995	0	224	31	1,293	0	0	1,548
1996	6	623	942	148	10	0	1,729
1997	0	6,354	168	1,899	0	0	8,421
1998	13	631	108	1,471	0	0	2,223
1999	197	1,156	31	5,156	0	0	6,540
2000	0	94	1,432	3,026	0	216	4,768
2001	8	577	517	1,289	0	7	2,398
2002	0	1,218	68	643	32	0	1,961
2003	5	444	499	237	189	0	1,374
2004	0	531	10	1,385	0	0	1,926
<b>Total</b>	<b>230</b>	<b>15,876</b>	<b>3,822</b>	<b>20,969</b>	<b>237</b>	<b>223</b>	<b>41,357</b>

Source: World Bank PPI database. <http://www.ppi.worldbank.org>.



**FIGURE DT 9.1** Regional investments in water and sewerage with private participation, 1990-2004.

**Annual Investments in Middle and Low-Income Countries in Water and Sewerage Projects with Private Participation, 1990-2004**



**FIGURE DT 9.2** Annual investments in middle- and low-income countries in water and sewerage projects with private participation, 1990-2004.