

<i>Cost</i>		Type	Avg. Loss (in R\$)	# Obs.	Total (in R\$)
Corruption	Purchases		2,491	1,934	4,818,570
Mismanagement	Purchases		10,659	1,924	20,508,793
Corruption	Works		2,871	314	901,789
Mismanagement	Works		10,529	423	4,454,134
<i>Total Cost (A)</i>					30,683,288
<i>Benefits</i>					
Works	Mismanagement		-4,611	423	-1,950,453
<i>Total Benefit (B)</i>					-1,950,453
<i>Welfare Effects</i>					
$A - B$	<i>Total Cost (in R\$) in the absence of Benefit</i>				32,633,741
$100 \times B / (A - B)$	<i>% Cost Reduction</i>				5.98
$A_{works} - B$	<i>Works Cost (in R\$) in the absence of Benefit</i>				7,306,377
$100 \times B / (A_{works} - B)$	<i>% Works Cost Reduction</i>				26.69