



THE PERFORMETER<sup>®</sup>  
and the A.F.T.E.R. Analysis

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A Financial Statement Analysis Using Indicators of the  
Financial Health and Success  
and a  
Status Report of Audit Findings, Timeliness and  
Exception Resolution (A.F.T.E.R.)  
of  
The Government of the U.S. Virgin Islands  
as of and for the Year Ended September 30, 2008



Crawford & Associates, P.C.  
Oklahoma City, Oklahoma



# What Is The Performer<sup>®</sup>?

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- An analysis that takes a government's financial statements and converts them into useful and understandable measures of financial performance
- Financial ratios and a copyrighted analysis methodology are used to arrive at an overall rating of 1-10
- The overall reading is a barometer of the VI's financial health and performance



# How to Use The Performer<sup>®</sup>

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- Use the individual ratios to identify financial warning signals
- Use the overall rating as a collective benchmark of financial health and success of the VI as a whole
- Use the comparisons to prior years to monitor trends in financial indicators



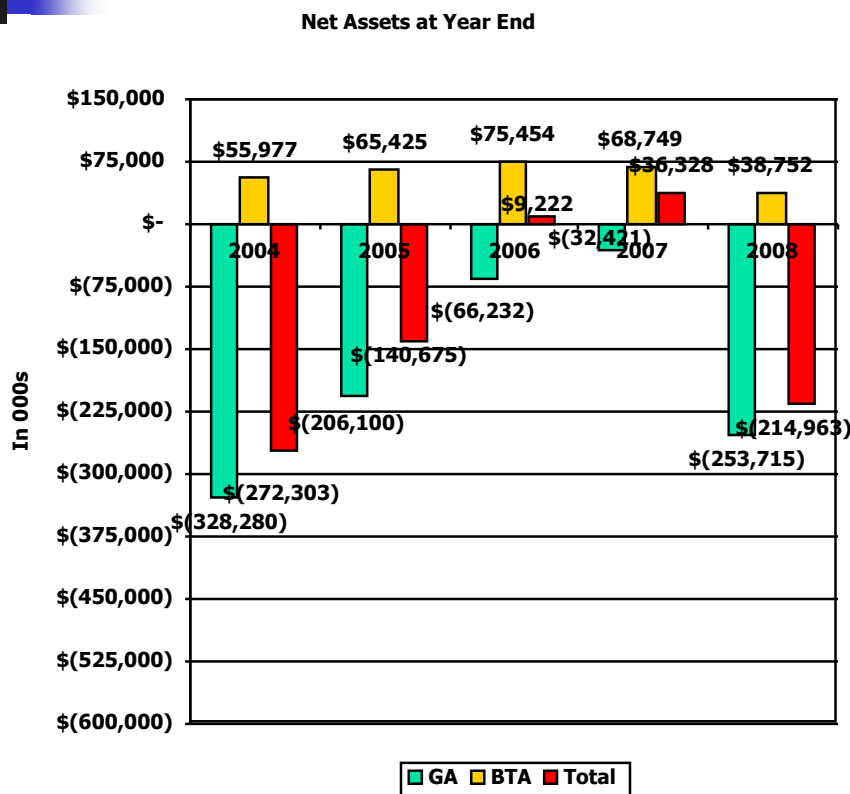
# Limitations of the Performer®

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- The Performer® should not be used as the only source of financial information to evaluate the VI's performance and condition
- The analysis is an overall rating of the VI as a whole and not of specific activities, funds or units
- The Performer® is based on Crawford & Associates' professional judgment and is limited as to its intended use

# Change in Net Assets

Did our overall financial condition improve, decline or remain steady over the past year?



Net assets include all assets of the VI, except for fiduciary funds held for the benefit of others. It is measured as the difference between total assets, including capital assets, and total liabilities, including long-term debt.

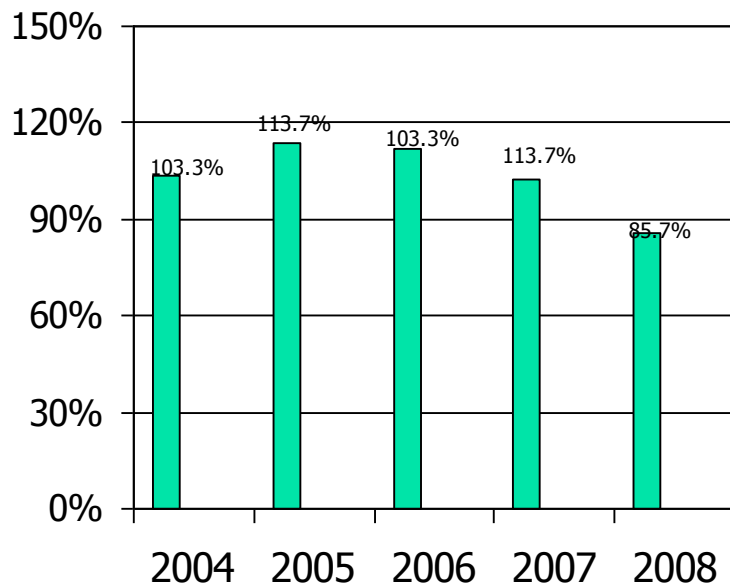
For the year ended September 30, 2008, total net assets decreased by increased by \$194.4 million or 943.6% from the prior year, which leaves a total net assets (deficit) of approximately \$(215) million at year end. This overall decrease of the net assets to a deficit position is indicative of significant losses related to the decline in the fair value of investments.

2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
-9.4%	29.5%	10.2%	49.5%	89.7%	293.9%	-943.6%			

# Intergenerational Equity

## Who is paying for today's costs of services?

Revenues as a % of Annual Expenses



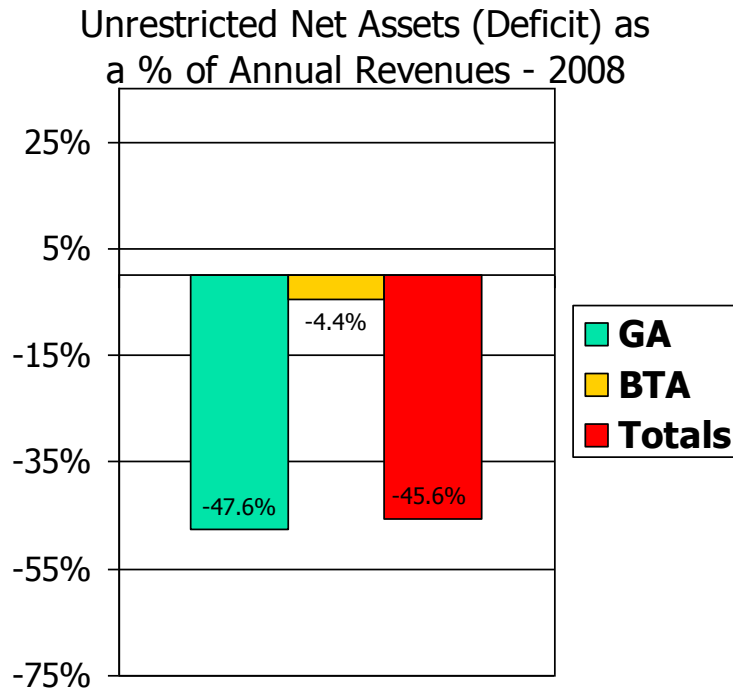
A measure of whether the government lived within its means in the measurement year, or was required to use prior year resources to fund a portion of current year costs, or shifted the funding of some of the current year costs to future periods.

For the year ended September 30, 2008, the VI funded 85.7% of their expenses with current year revenues, which is an unfavorable ratio, although due in a large part to the decline in the fair value of investments.

2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
95.8%	96.2%	103.3%	113.7%	111.9%	102.4%	85.7%			

# Level of Unrestricted Net Assets

## How do our total rainy day funds look?



The level of total unrestricted net assets is an indication of the amount of unexpended and available resources the VI has at a point in time to fund emergencies, shortfalls or other unexpected needs.

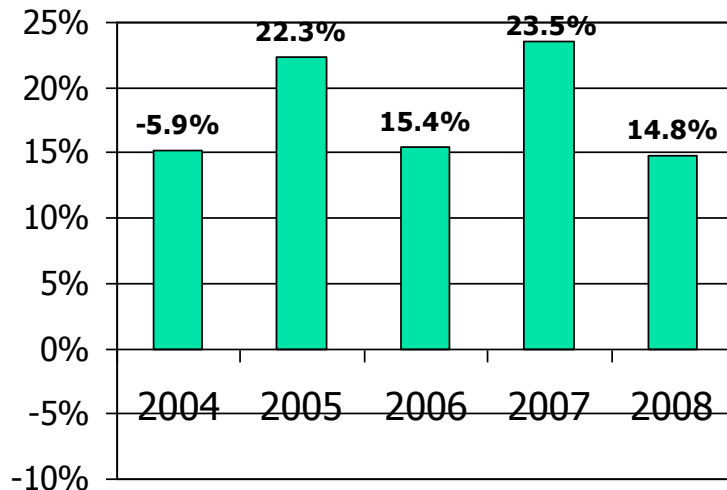
For the year ended September 30, 2008, the VI's total unrestricted net assets (deficit) approximated \$(532) million or 45.6% of annual total revenues, although this ratio was significantly affected by the decline of the fair value of investments.

2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
-100.4%	-81.2%	-70.0%	-51.4%	-27.0%	-27.4%	-45.6%			

# Level of Budgetary Fund Balance

## How does our budgetary carryover look?

Budgetary Unreserved Fund  
Balance as a Percentage of Annual  
Revenues



The level of budgetary unreserved fund balance is an indication of the amount of unexpended, unencumbered and available resources the VI has at a point in time to carryover into the next fiscal year to fund budgetary emergencies, shortfalls or other unexpected needs. In this analysis, only the General Fund is considered.

For the year ended September 30, 2008, the VI's unreserved fund balance of the General Fund was 14.8% of annual General Fund revenues. This is considered an above average ratio and financial position for the General Fund to be in, although a decrease in the General Fund unreserved fund balance reported in the prior period.

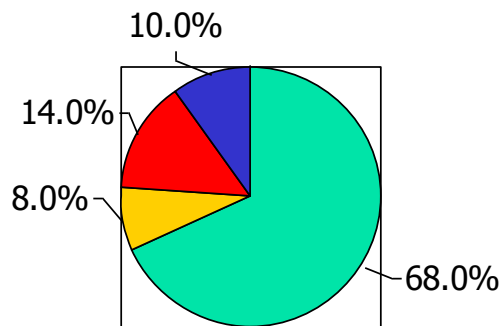
2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
-5.9%	11.2%	15.2%	22.3%	15.4%	23.5%	14.8%			



# Revenue Dispersion

How heavily are we relying on revenue sources we can't directly control?

**2008 Revenue Percentages by Source**



The percentage dispersion of revenue by source indicates how dependent the VI is on certain types of revenue. The more dependent the VI is on revenue sources beyond its direct control, such as grants and certain taxes, the less favorable the dispersion.

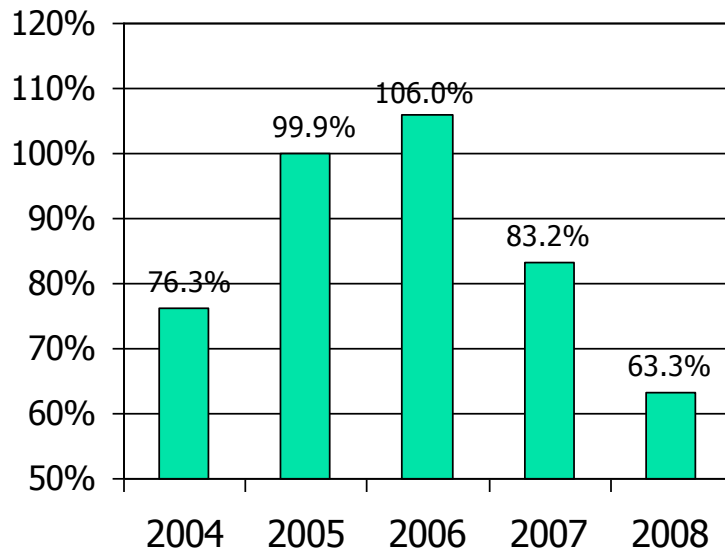
For the year ended September 30, 2008, the VI had direct control over 32.9% of its revenues (some taxes and charges for services). This ratio indicates that the VI has some exposure, as do most governments, to financial difficulties due to reliance on non-controlled revenue (67.1%). This ratio is relatively consistent with that of the prior periods.

2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
41.2%	44.6%	43.1%	41.8%	37.4%	41.6%	32.9%			

# BTA Self-Sufficiency

Did current year business-type activities (BTA) pay for themselves?

Percentage of BTA Expenses Covered By BTA Revenues



The self-sufficiency ratio indicates the level at which business-type activities covered their current costs with current year revenues, without having to rely on subsidies, grants or use of prior year reserves.

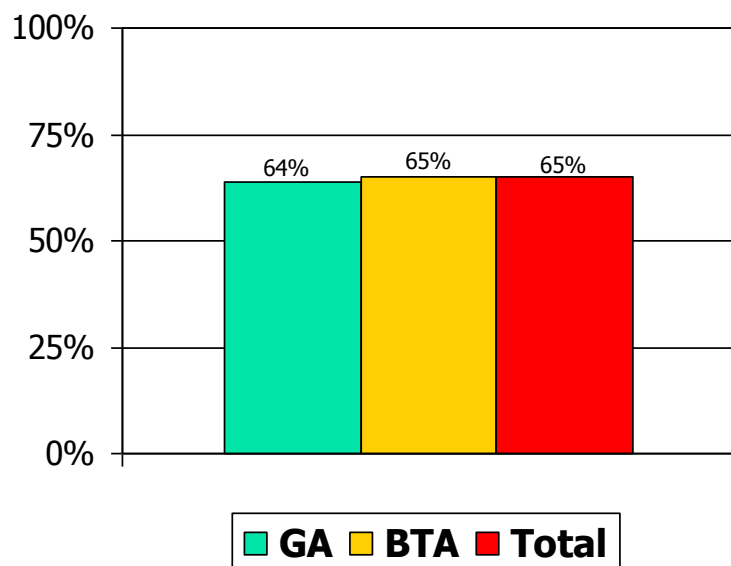
For the year ended September 30, 2008, the VI's total business-type activities were 63.3% self-sufficient. This indicates that, for the current year, the costs of business-type activities in total were not funded by recurring current year revenues, and a continued decrease from the ratios of the prior two years.

2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
71.3%	62.5%	76.3%	99.9%	106.0%	83.2%	63.3%			

# Capital Asset Condition

How much useful life do we have left in our capital assets?

Percentage of Capital Assets'  
Useful Life Remaining - 2008



The capital asset condition ratio compares capital assets cost to accumulated depreciation to determine the overall percentage of useful life remaining. A low percentage could indicate an upcoming need to replace a significant amount of capital assets.

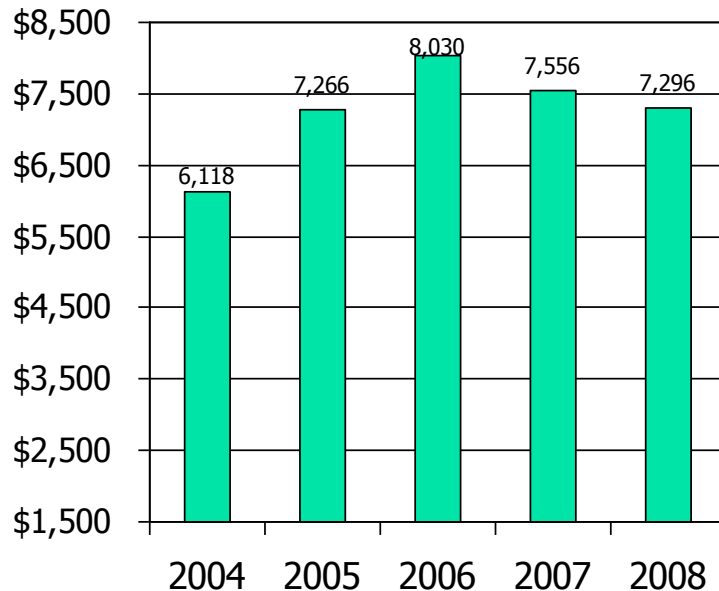
At September 30, 2008, the VI's depreciable capital assets amounted to \$750.7 million while accumulated depreciation totaled \$265.9 million. This indicates that, on the average, the VI's capital assets have 65% of their useful lives remaining. This is a favorable financial indicator and consistent with the ratios from the prior periods.

2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
72%	71%	68%	68%	68%	68%	65%			

# Financing Margin - Taxes

Will our citizens be willing to pay increased taxes for operations or capital improvements, if needed?

Total Taxes Per Capita



The financial ratio of taxes per capita is an indication of the VI's tax burden on its citizens and other taxpayers. The ratio includes all taxes, including income taxes, and other taxes.

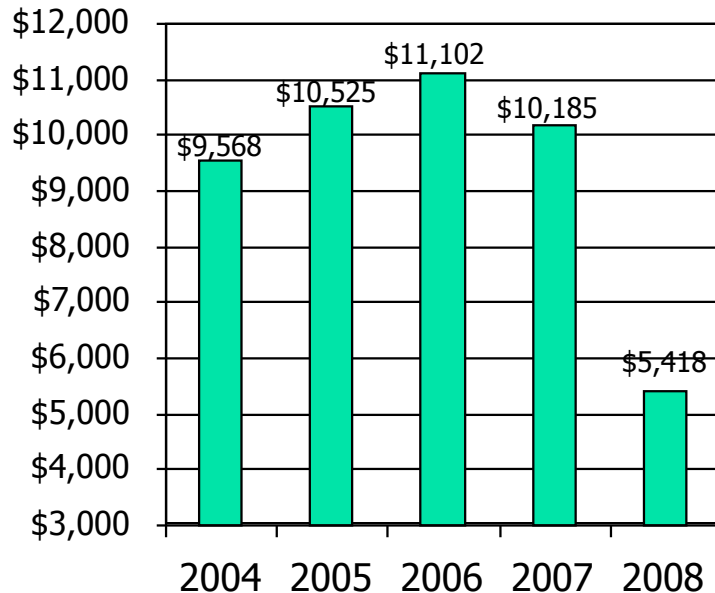
For the year ended September 30, 2008, total taxes amounted to \$792.4 million or \$7,296 per capita. This is considered a relatively high tax burden (when compared to other insular governments), but is a decrease from the ratio in the prior year.

2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
\$5,518	\$5,475	\$6,118	\$7,266	\$8,030	\$7,556	\$7,296			

# Financing Margin - Debt

Will we be able to issue more debt, if needed?

Debt Per Capita



The financial ratio of debt per capita is an indication of the VI's debt burden on its citizens and other taxpayers.

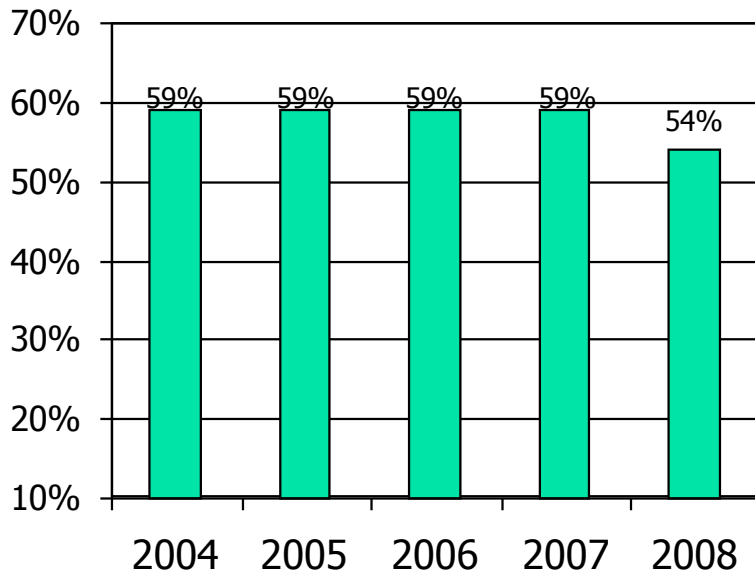
For the year ended September 30, 2008, the VI had \$588.4 million of long-term debt or \$5,418 per capita which is a relatively high debt burden on its citizens (when compared to other insular governments). However, the large decrease in the ratio is related to a reconsideration and removal of long-term debts with guaranteed payback from outside governments. No restatement of prior year ratios was performed.

2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
\$7,490	\$7,494	\$9,568	\$10,525	\$11,102	\$10,185	\$10,209			

# Pension Plan Funding Ratio

Will we be able to pay our employees when they retire?

**Plan Assets as a Percentage of  
Accrued Liability**



The pension funding ratio compares the actuarial fair value of the pension plan's assets to the actuarial accrued liability for pension benefits. A percentage less than 100% indicates the plan is under-funded at the valuation date.

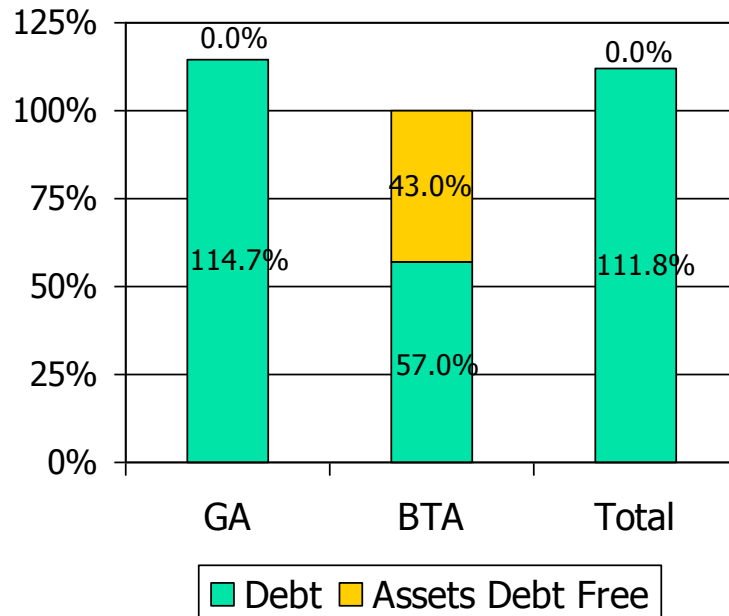
At September 30, 2008, based upon the most recent actuarial valuation, the VI's pension plan assets were 54% of the accrued pension benefit liability, indicating the plan was slightly more than half funded, and an indicator of potential long-term cash demands to fund the future needs of the plan. The funded portion of the plan has remained relatively constant in the past few periods, although a decline when compared to the most recent year.

2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
62%	60%	59%	59%	59%	59%	54%			

# Debt to Assets

## Who really owns the VI?

Percentage of Debt to Assets - 2008



The debt to assets ratio measures the extent to which the VI had funded its assets with debt. The lower the debt percentage, the more equity the VI has in its assets.

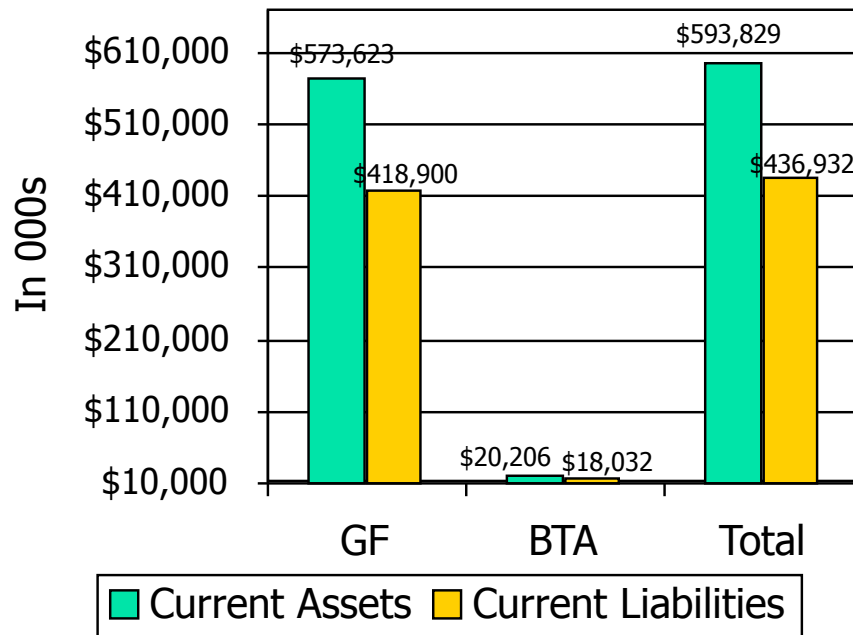
At September 30, 2008, the VI had total debts or other obligations that exceeded its assets or other obligations by 11.8%. This is an unfavorable financial indicator and indicates that very little of the VI's assets are debt-free, and for each dollar of assets the VI owns, it owes 111.8 cents in liabilities to others. However, this ratio was also significantly affected by the decline in the fair value of investments.

2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
134.6%	122.4%	117.4%	107.4%	100.8%	98.1%	111.8%			

# Current Ratio

Will our vendors and employees be pleased with our ability to pay them on time?

Current Assets Compared to Current Liabilities - 2008



The current ratio is one measure of the VI's ability to pay its short-term obligations. The current ratio compares total current assets and liabilities. A current ratio of 2.00 to 1 indicates good current liquidity and an ability to meet the short-term obligations. This ratio measures only the General Fund and business-type activities of the Enterprise Funds, the VI's primary operating funds.

At September 30, 2008, the VI had ratios of current assets to current liabilities of \$1.36 to \$1. This indicates that for every dollar of current liabilities, the VI had \$1.36 to fund them. This is considered a less than satisfactory ratio, and is a decrease in the ratio in the previous period.

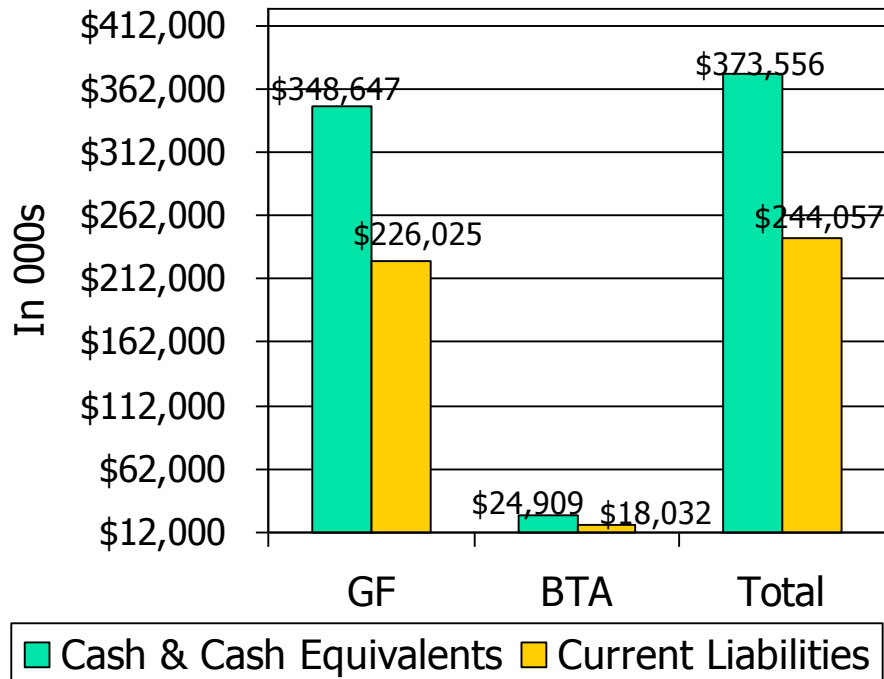
2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
1.10	1.39	1.44	1.44	1.60	1.61	1.36			



# Quick Ratio

## How is our short-term cash position?

Cash and Cash Equivalents Compared to Current Liabilities - 2008



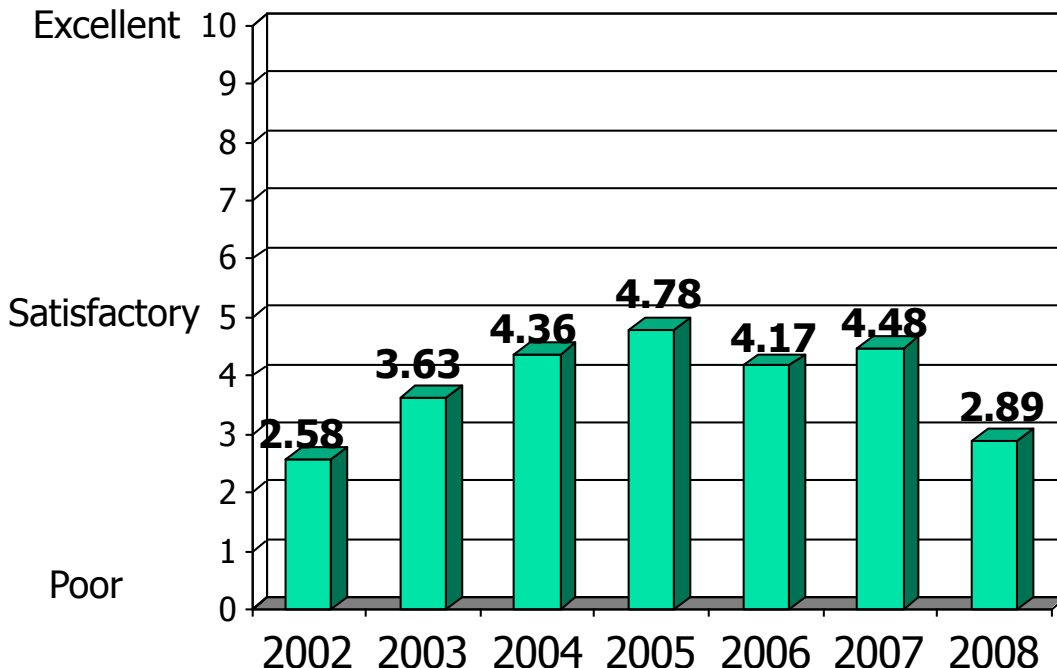
The quick ratio is another, more conservative, measure of the VI's ability to pay its short-term obligations. The quick ratio compares total cash and short-term investments to current liabilities. A quick ratio of 1.00 to 1 indicates adequate current liquidity and an ability to meet the short-term obligations with cash. This ratio measures only the General Fund and business-type activities of the Enterprise Funds, the VI's primary operating funds.

At September 30, 2008, the VI had a ratio of cash and cash equivalents to current liabilities of \$1.53 to \$1. This indicates that for every dollar of current liabilities, the VI had \$1.53 in cash and cash equivalents to fund them. This is considered a very good ratio, although a decline from the ratio calculated in the prior period.

2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
1.09	1.30	1.57	1.74	2.41	1.74	1.53			

# Performer<sup>®</sup> Reading

## Overall Reading



The 2008 reading of 2.89 indicates the evaluator's opinion that the VI's overall financial health and performance dropped significantly as of and for the fiscal year ended September 30, 2008, however the much of the drop related to the significant decline in the fair value of investments.

The decline in the current year score was due in a large part to the significant decline in the fair value of investments. However the reading is also influenced by relatively high tax and debt burdens per capita (when compared to other insular governments), and a high debt to asset ratio.



# What is the A.F.T.E.R. Analysis?

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- The A.F.T.E.R. Analysis is very simply an analysis of the status of audit findings, the timeliness of the submission of the audit and the resolution of certain audit exceptions; this analysis can be used to track a government's progress towards eliminating its most significant findings and exceptions, along with tracking the timeliness of submission to the Federal Clearinghouse.

# A.F.T.E.R.

	2004	2005	2006	2007	2008
Number of F.S. Opinion Qualifications/Exceptions	10	9	7	9	7
Number of Major Federal Program Qualifications/Exceptions	3	3	6	11	7
Number of F.S. Findings					
A. Internal Control and Compliance	1	1	3	0	1
B. Internal Control Only	2	2	0	11	10
C. Compliance Only	<u>0</u>	<u>0</u>	<u>1</u>	<u>1</u>	<u>0</u>
TOTAL	3	3	4	12	<u>11</u>
Percentage of Findings Repeated	100%	100%	Unable to determine	Unable to determine	100% (estimate)
Number of A-133 Findings					
A. Internal Control and Compliance	16	36	22	50	50
B. Internal Control Only	15	0	0	0	0
C. Compliance Only	<u>1</u>	<u>2</u>	<u>0</u>	<u>0</u>	<u>0</u>
TOTAL	32	38	22	50	50
Percentage of A-133 Findings Repeated	71.9%	47.4%	Unable to determine	Unable to determine	58%
Number of months after Y/E the F.S. were Released	24	30	30	25	24
Number of Qualifications/Exceptions Related to C.U.	6	4	5	6	3
\$ of Questioned Costs-Current Year	\$478,569	\$9,056,788	\$3,829,679	\$8,484,494	\$3,487,561
\$ of Questioned Costs- Cumulative	Unable to determine	Unable to determine	Unable to determine	Unable to determine	Unable to determine
\$ of Questioned Costs Resolved – Current Year	Unable to determine	Unable to determine	Unable to determine	Unable to determine	\$6,276,416



# Thank You

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We would like to commend and thank the management of the Government of the U.S. Virgin Islands, the U.S. Department of Interior, and the Graduate School for allowing us to present this financial analysis. We hope it serves as a useful and understandable compliment to VI's annual financial report.

Visit our website at [www.crawfordcpas.com](http://www.crawfordcpas.com) for other useful tools for governments.