



CHUUK

FISCAL YEAR 2017

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 Territory of Chuuk as of and for the Year Ended September 30, 2017



This presentation is available online at <http://www.pitiviti.org>

WHAT IS THE PERFORMETER®?

- 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 0-10
- The overall reading is a barometer of Chuuk's financial health and performance

HOW TO USE THE PERFORMETER®

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

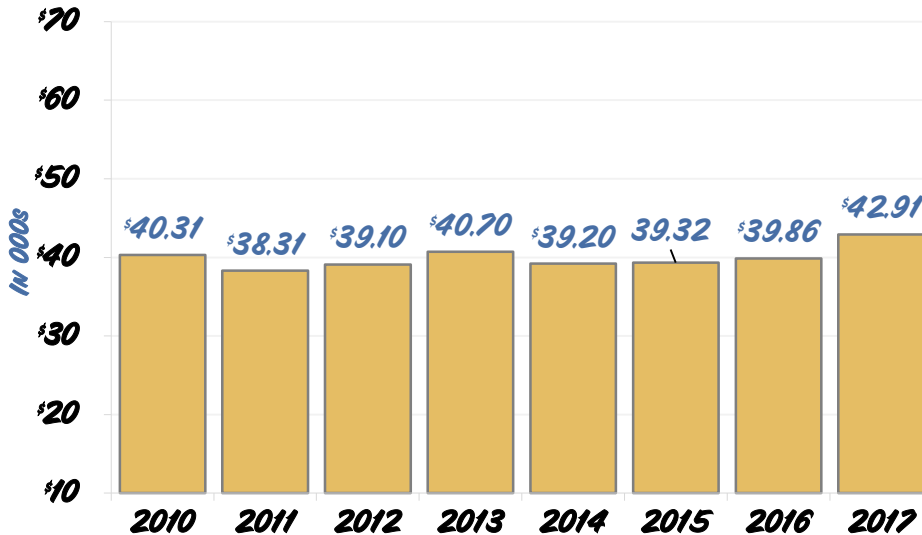
LIMITATIONS OF THE PERFORMETER®

- The Performer® should not be used as the only source of financial information to evaluate Chuuk's performance and condition
- The analysis is an overall rating of Chuuk 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 POSITION

DID OUR OVERALL FINANCIAL CONDITION IMPROVE, DECLINE OR REMAIN STEADY OVER THE PAST YEAR?

NET POSITION AT YEAR END



Net position includes all assets of Chuuk. It is measured as the difference between total assets, including capital assets, plus deferred outflows, netted against total liabilities, including long-term debt, and deferred inflows.

For the year ended September 30, 2017, total net position increased by \$3.1 million or 7.6% from the prior year. This represents an increase over the prior year's increase in net position, and represents 3 consecutive years of increases in total net position.

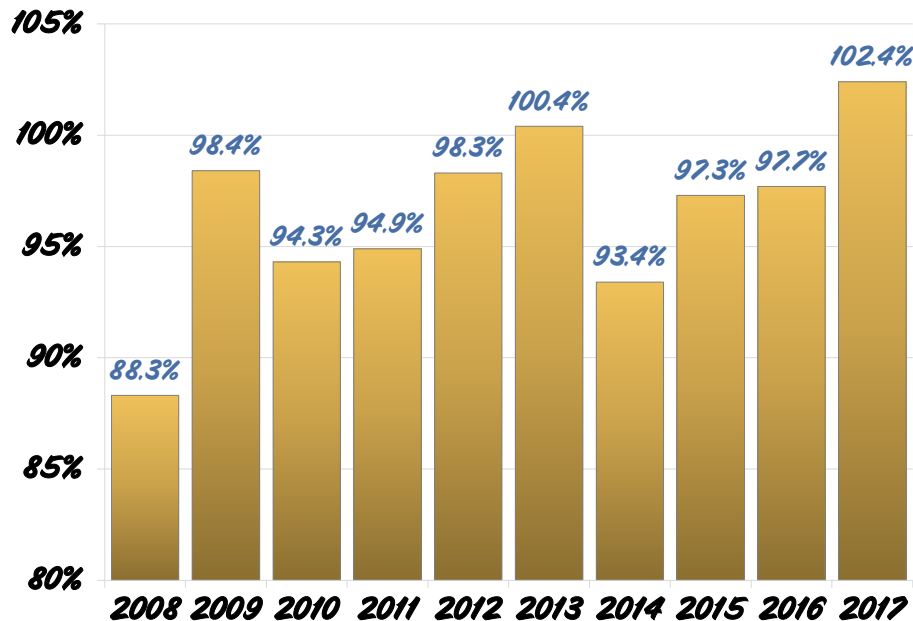
2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
-4.5%	-1.1%	-12.2%	-5.0%	2.1%	4.1%	-3.7%	0.3%	0.7%	7.6%



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, 2017, Chuuk funded 102.4% of their expenses with current year revenues, which is considered an excellent ratio, and represents an increase in the ratio from the prior year, and the 3rd consecutive year of improvement in the ratio.

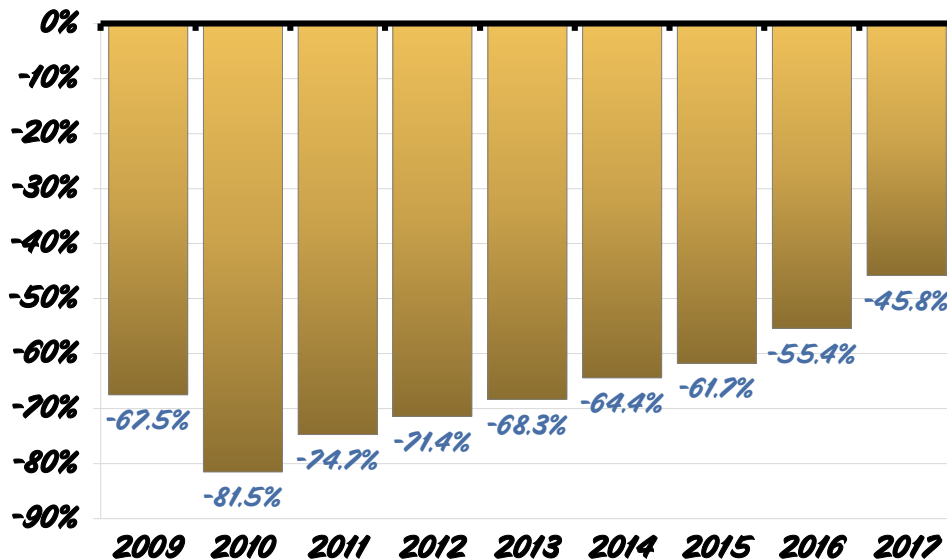
2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
88.3%	98.4%	94.3%	94.9%	98.3%	100.4%	93.4%	97.3%	97.7%	102.4%



LEVEL OF UNRESTRICTED NET POSITION

HOW DO OUR TOTAL RAINY DAY FUNDS LOOK?

UNRESTRICTED NET POSITION (DEFICIT) AS A % OF ANNUAL REVENUES



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

For the year ended September 30, 2017, Chuuk's total unrestricted net position (deficit) was a deficit of \$19 million, which is equivalent to 45.8% of annual total revenues, and is typically considered an unsatisfactory financial indicator. However, the size of the deficit-to-revenue ratio has been reduced in each of the last 7 years.

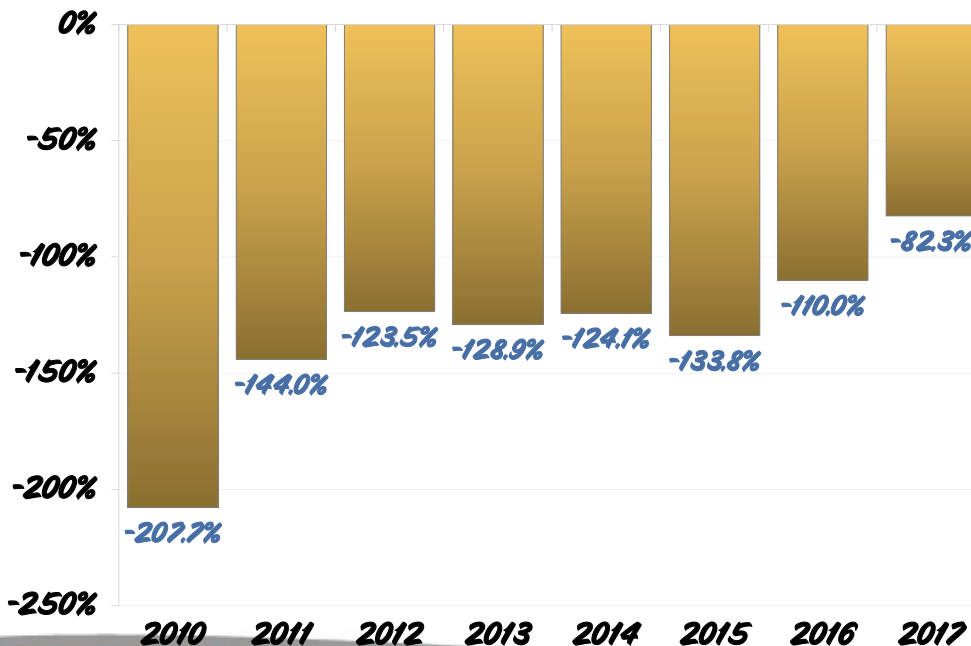
2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
-92.1%	-67.5%	-81.5%	-74.7%	-71.4%	-68.3%	-64.4%	-61.7%	-55.4%	-45.8%



LEVEL OF UNASSIGNED FUND BALANCE

HOW DOES OUR CARRYOVER LOOK?

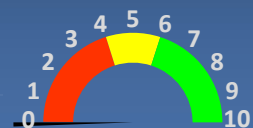
UNASSIGNED FUND BALANCE (DEFICIT) AS A PERCENTAGE OF ANNUAL REVENUES



The level of unassigned fund balance is an indication of the amount of unexpended, unencumbered and available resources Chuuk has at a point in time to carryover into the next fiscal year to fund budgetary emergencies, shortfalls or other unexpected needs.

For the year ended September 30, 2017, Chuuk's unassigned fund balance (deficit) of the General Fund was a deficit of \$8.6 million, or the equivalent of 82.3% of General Fund revenues. This is considered an unfavorable ratio, but does represent the 2nd consecutive year that Chuuk has been able to reduce the size of the deficit-to-revenue ratio.

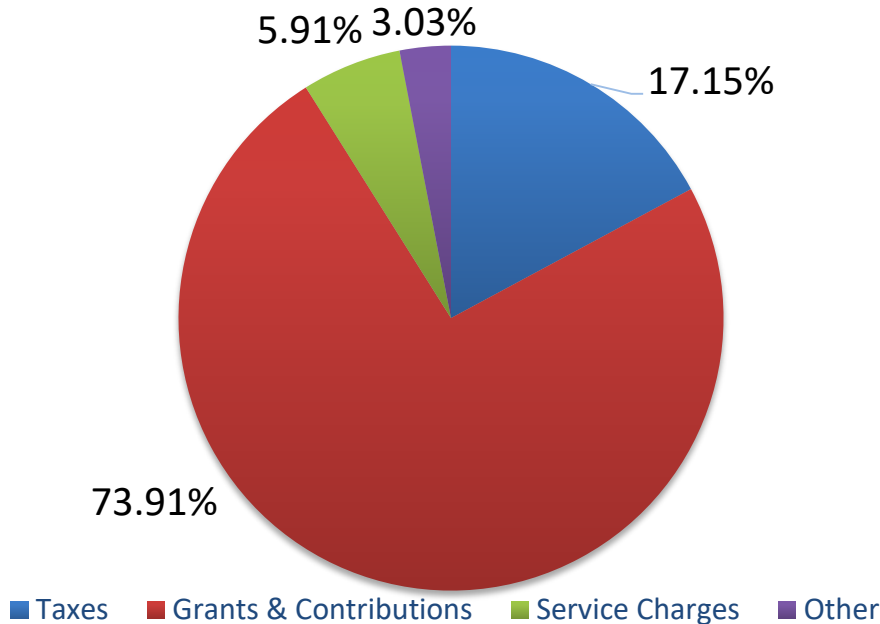
2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
-372.8%	-298.9%	-207.7%	-144.3%	-123.5%	-128.9%	-124.1%	-133.8%	-110.2%	-82.3%



REVENUE DISPERSION

HOW HEAVILY ARE WE RELYING ON REVENUE SOURCES WE CAN'T DIRECTLY CONTROL?

2017 REVENUE PERCENTAGES BY SOURCE



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

For the year ended September 30, 2017, Chuuk had direct control over 11.6% of its revenues (Excise taxes and charges for services). This ratio indicates Chuuk has significant exposure, as do most insular governments, to financial difficulties due to reliance on non-controlled revenue (88.4%).

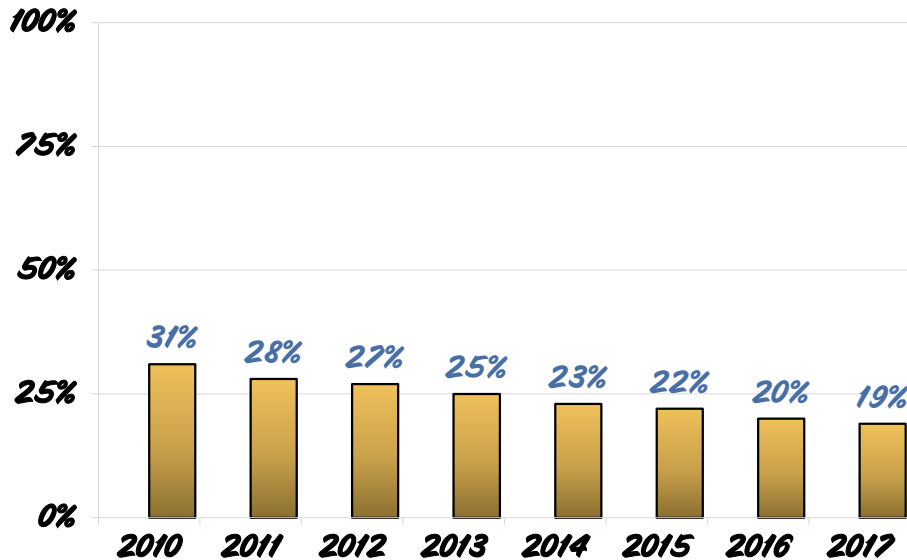
2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
10.2%	8.9%	10.2%	9.9%	12.3%	11.9%	11.3%	11.5%	12.0%	11.6%



CAPITAL ASSET CONDITION

HOW MUCH USEFUL LIFE DO WE HAVE LEFT IN OUR CAPITAL ASSETS?

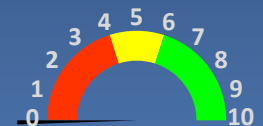
PERCENTAGE OF CAPITAL ASSETS' USEFUL LIFE REMAINING - 2017



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 significant capital assets.

At September 30, 2017, Chuuk's depreciable capital assets amounted to \$106.2 million while accumulated depreciation totaled \$86 million. This indicates that, on the average, Chuuk's capital assets have 19% of their useful lives remaining. This is considered an unfavorable financial indicator, and continues a decline in the ratio since FY 2004.

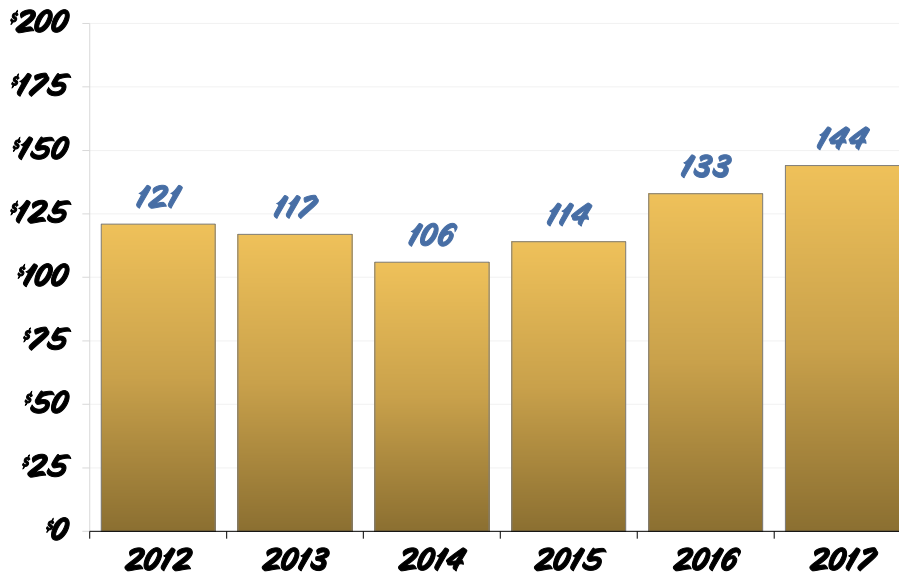
2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
64%	33%	31%	28%	27%	25%	23%	22%	20%	19%



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 Chuuk's tax burden on its citizens and other taxpayers. The ratio includes all taxes, including gross receipts, income and other taxes.

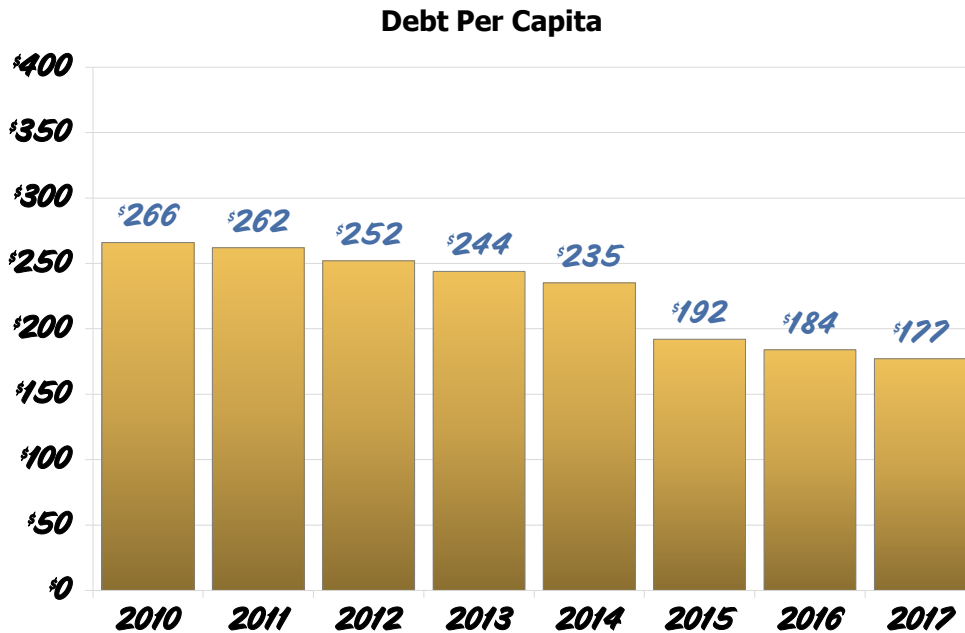
For the year ended September 30, 2017, total taxes amounted to \$7.0 million or \$144 per capita. This indicates a very low tax burden when compared to other insular governments, and is considered an excellent ratio.

2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
\$72	\$80	\$115	\$119	\$121	\$117	\$106	\$114	\$133	\$144



FINANCING MARGIN - DEBT

WILL WE BE ABLE TO ISSUE MORE DEBT, IF NEEDED?



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

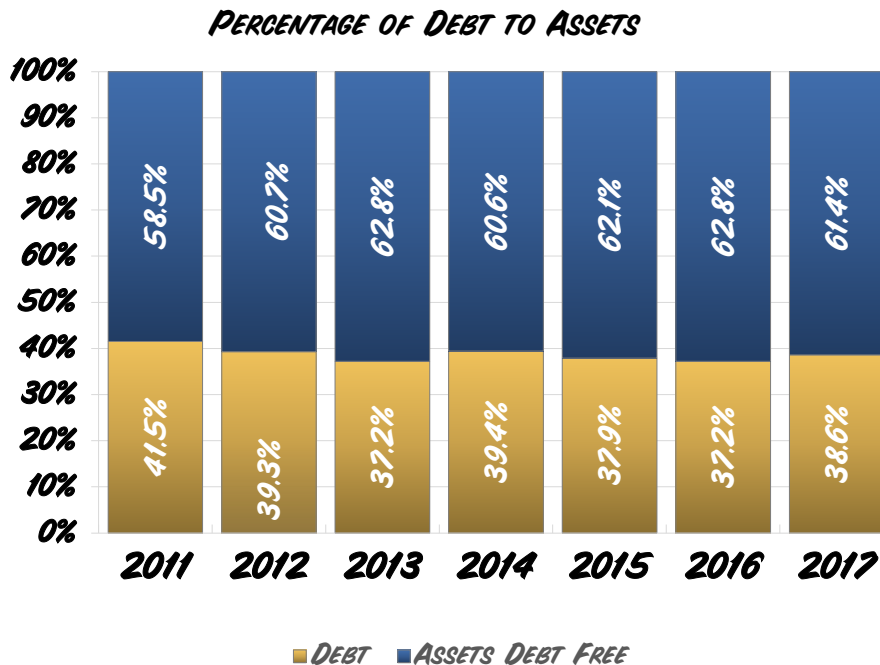
For the year ended September 30, 2017, Chuuk had \$8.6 million of long-term debt or \$177. This rating remains indicative of a relatively low debt burden on its citizens when compared with other insular governments. Along with being a relatively consistent ratio over the past several years, it is also considered an excellent ratio.

2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
\$152	\$157	\$266	\$262	\$252	\$244	\$235	\$192	\$184	\$177



DEBT TO ASSETS

WHO REALLY OWNS CHUUK?



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

At September 30, 2017, 38.6% of Chuuk's \$69.9 million of total assets were funded with debt or other obligations. This is an above satisfactory financial indicator and indicates that for each dollar of assets Chuuk owns, it owes 38.6 cents of that dollar to others. However, this is a slight decline in the ratio when compared to prior year.

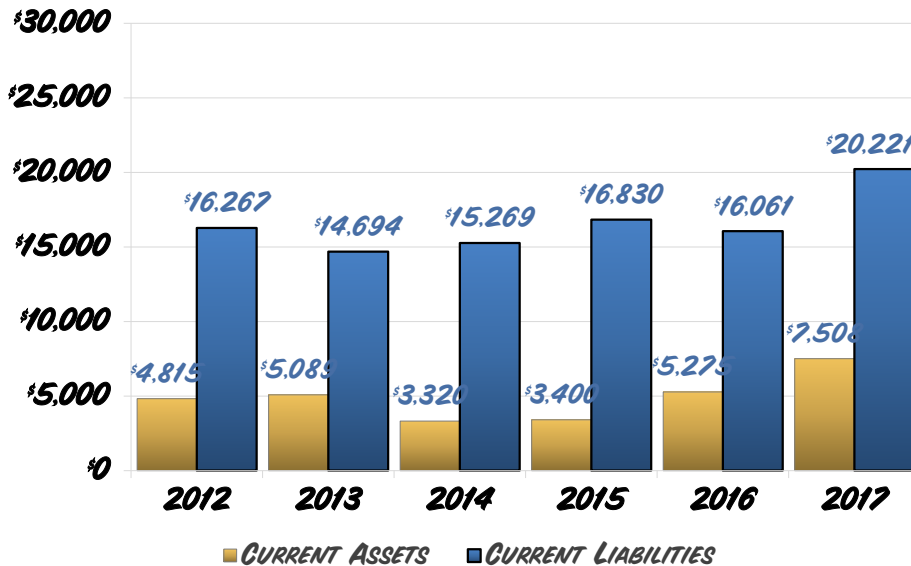
2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
28.9%	35.0%	42.0%	41.5%	39.3%	37.2%	39.4%	37.9%	37.2%	38.6%



CURRENT RATIO

WILL OUR VENDORS AND EMPLOYEES BE PLEASED WITH OUR ABILITY TO PAY THEM ON TIME?

CURRENT ASSETS COMPARED TO CURRENT LIABILITIES



The current ratio is one measure of CHUUK’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 includes only the General Fund (Chuuk’s primary operating fund) and Chuuk’s proprietary type enterprise funds.

At September 30, 2017, Chuuk’s General Fund had a ratio of current assets to current liabilities of 0.38 to 1. This indicates that Chuuk has 38 cents of current assets to fund each dollar of current liabilities. This is considered an unfavorable ratio, however it does represent a slight increase of the ratio from the prior year.

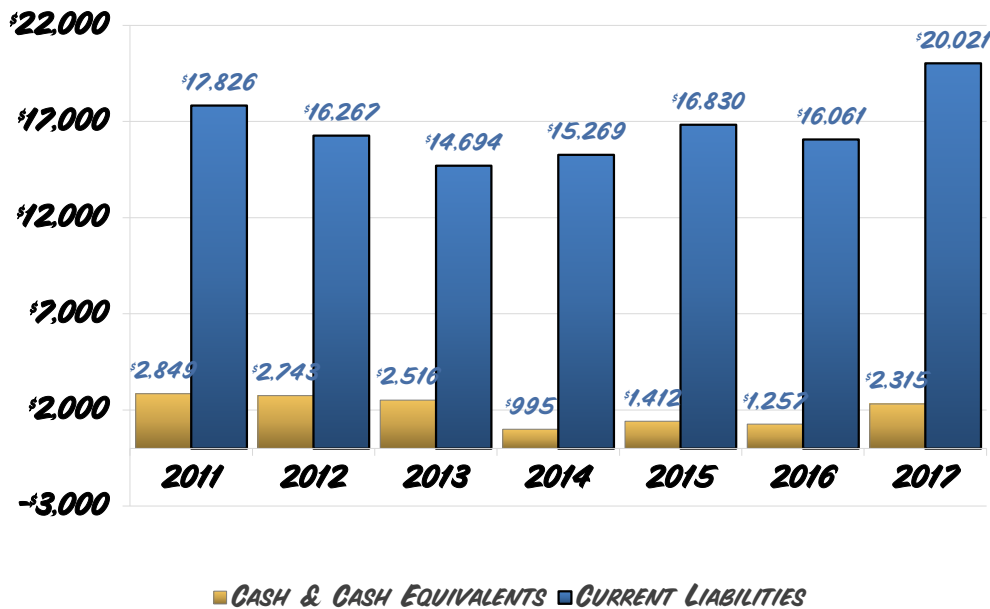
2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
.32	.33	.32	.34	.30	.35	.22	.20	.33	.38



QUICK RATIO

HOW IS OUR SHORT-TERM CASH POSITION?

CASH AND CASH EQUIVALENTS COMPARED TO CURRENT LIABILITIES



The quick ratio is another, more conservative, measure of Chuuk's ability to pay its short-term obligations. The quick ratio compares total cash and short-term investments to current liabilities, less deferred revenue. A quick ratio of 1.00 to 1 indicates adequate current liquidity and an ability to meet the short-term obligations with cash. This measure includes only the General Fund, Chuuk's primary operating fund.

At September 30, 2017, Chuuk's General Fund had a ratio of cash and cash equivalents to current liabilities of 0.12 to 1. This indicates that Chuuk has, for every one dollar of current liabilities, 12 cents of cash and cash equivalents to fund them. This is an unsatisfactory indicator of liquidity, but does represent a slight improvement when compared to the ratio of the prior year.

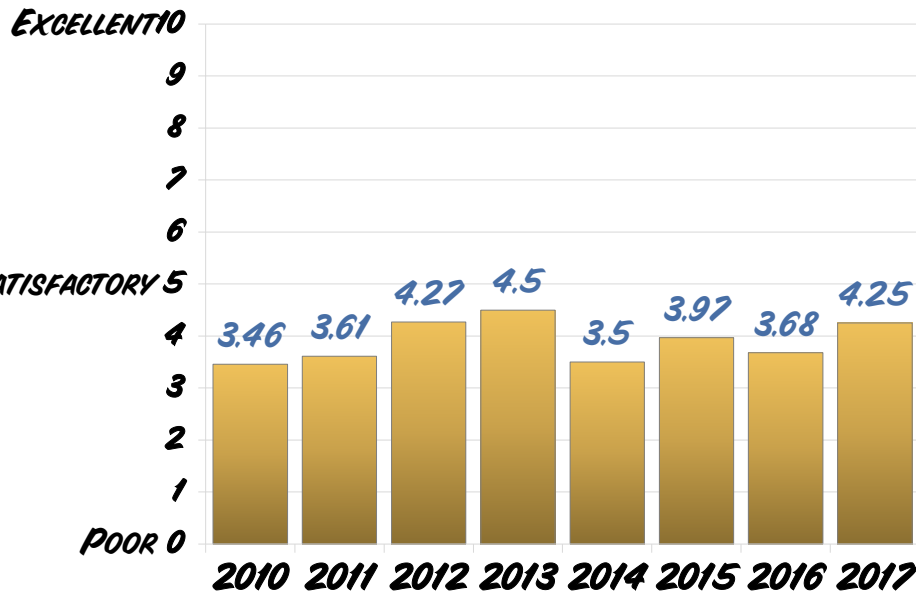
2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
.17	.16	.21	.16	.17	.17	.07	.08	.08	.12



PERFORMETER® READING

HOW WAS OUR OVERALL FINANCIAL PERFORMANCE?

OVERALL READING



For the 2017 fiscal year, the readings by ratio category were as follows:

Financial Position	0.58
Financial Performance	9.30
Financial Capability	6.73

The 2017 reading of 4.25 indicates the evaluator's opinion that Chuuk Government's overall financial health and performance is considered less than satisfactory as of and for the fiscal year ended September 30, 2017, but does represent an increase from the reading of the prior year.

CHUUK's improvement in reporting a positive change in net position, improved intergenerational equity, and low tax and debt burdens contributed to the improvement in the over score. However, the size of the unrestricted net position deficit, the size of the General Fund unassigned fund balance deficit, low revenue dispersion, and insufficient current quick ratios remain the primary reasons for the less than satisfactory reading of the current year.

FY 17 OVERALL PERFORMETER® READING: **4.25**



WHAT IS THE A.F.T.E.R. ANALYSIS?

- 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.

	2009	2010	2011	2012	2013	2014	2015	2016	2017
Number of F.S. Opinion Qualifications/Exceptions	3	1	1	1	2	2	2	1	1
Number of Major Federal Program Qualifications/Exceptions	1	1	0	0	1	1	0	0	0
Number of F.S. Findings									
A. Internal Control and Compliance	0	0	0	0	0	0	0	0	0
B. Internal Control Only	3	1	5	4	5	2	2	2	2
C. Compliance Only	0	0	0	0	0	0	0	0	0
TOTAL	3	1	5	4	5	2	2	2	2
Percentage of Findings Repeated	67%	0%	20%	50%	60%	100%	100%	100%	100%
Number of Single Audit Findings									
A. Internal Control and Compliance	2	1	1	1	3	2	4	1	0
B. Internal Control Only	0	0	0	0	1	1	0	0	1
C. Compliance Only	0	0	1	0	0	0	0	0	0
TOTAL	2	1	2	1	4	3	4	1	1
Percentage of S.A. Findings Repeated	50%	100%	100%	100%	25%	50%	25%	100%	100%
Number of months after Y/E the F.S. were Released	9	9	9	9	9	9	9	9	9
Number of Qualifications/Exceptions Related to C.U.	1	1	1	0	0	0	0	0	0
\$ of Questioned Costs-Current Year	\$0	\$0	\$0	\$0	\$194,238	\$114,918	\$55,292	\$0	\$0
\$ of Questioned Costs- Cumulative	\$1,055,719	\$0	\$0	\$0	\$194,238	\$309,156	\$364,448	\$364,448	\$0
\$ of Questioned Costs Resolved – Current Year	\$1,000,607	\$1,055,719	\$0	\$0	\$0	\$0	\$0	\$0	\$364,448

THANK YOU!

- We would like to commend and thank CHUUK's management, the U.S. Department of the Interior and the Graduate School USA for allowing us to present this financial analysis. We hope it serves as a useful and understandable compliment to CHUUK's annual financial report.
- This report is available online at <http://www.pitiviti.org>.
- Visit our website at <http://www.crawfordcpas.com> for other useful tools for governments.