

City of Alexandria, Virginia

MEMORANDUM

| DATE: | MARCH 7, 2012 |
|----------|---|
| то: | THE HONORABLE MAYOR AND MEMBERS OF CITY COUNCIL |
| FROM: | RASHAD M. YOUNG, CITY MANAGEB |
| SUBJECT: | MONTHLY FINANCIAL REPORT FOR THE PERIOD ENDING JANUARY 31, 2012 |

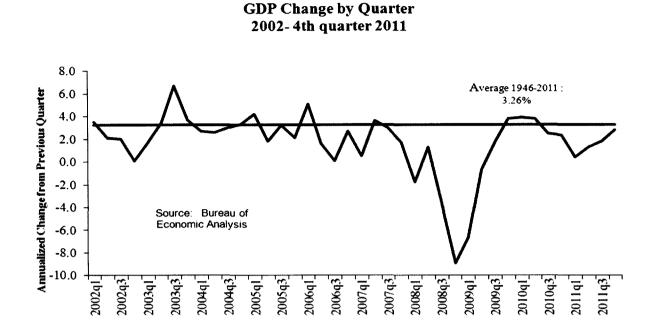
ISSUE: Receipt of the City's Monthly Financial Report for the period ending January 31, 2012.

<u>RECOMMENDATION</u>: That City Council receive the following Monthly Financial Report for the period ending January 31, 2012.

DISCUSSION: This report includes highlights of the City's financial condition and provides fiscal year (FY) 2012 financial information on revenues and expenditures of the General Fund for the period ending January 31, 2012. Detailed economic, revenue, and expenditure charts are also available from the City of Alexandria website at alexandriava.gov/financialreports.

ECONOMIC HIGHLIGHTS:

- National housing starts, permits and completions According to U.S. Census Bureau figures, January 2012 privately-owned housing starts were adjusted to an annual rate of 699,000. This is an increase of 1.5 percent over the December rate of 689,000, and a 9.9 percent increase above the January 2011 rate of 636,000. Building permits for January were adjusted to an annual rate of 676,000, an increase of 0.7 percent above December and 19 percent over January 2011. Housing completions were adjusted to an annual rate of 530,000, a decrease of 12 percent as compared to December but 4.1 percent above the January rate. While City permits in January are still primarily for renovations,
- National Gross Domestic Product According to the U.S. Bureau of Economic Analysis, the GDP grew 2.8 percent from the third to fourth quarter 2011. This is the largest increase since the second quarter 2010, and 1.1 percent above the 10 year average quarterly growth rate of 1.7 percent. However, it is 0.46 percent below the average quarterly growth rate (3.26) from second quarter 1947 through fourth quarter 2011. See graph below:



While there is no consensus of economists, the Economic Cycle Research Institute predicts that a new recession is inevitable, despite improvement in high-profile economic indicators, such as job creation and unemployment, and a stock market rally. They cite concerns about annual growth in industrial production, real personal income and spending, as well as the year-over-year change in gross domestic product, a broad measure of the nation's economic activity.

REVENUE HIGHLIGHTS:

Year-to-Date Revenues: As of January 31, 2012, seven months into the fiscal year, actual General Fund revenues totaled \$292.9 million, which is four percent higher than FY 2011 for the same period. Most of this increase is related to real estate and personal property taxes. The FY 2013 Proposed Budget contains a revised estimate for FY 2012 revenues. That estimate shows a revenue surplus of \$7.5 million or 1.3 percent compared to the original FY 2012 budget estimate of General Fund revenues of \$566.9 million, primarily due to an increase in real property revenues (resulting from higher assessments than previously forecast).

- **Real Property Taxes:** The increase is primarily the result of the budgeted increase in the real estate tax rate for transportation.
- Personal Property Taxes/Motor Vehicle License: The FY 2012 vehicle assessments

included 5,000 more cars than the FY 2011 billing. The resulting increase in revenue of approximately \$1.0 million has been included in the estimates for FY 2013 budget revenues.

- **Communication Taxes:** The decrease is primarily attributable to a one time refund issued to a large wireless provider that collected taxes on data services for various wireless devices used by their customers. The total amount of the refund, including interest, was \$12.9 million, and the City's share was \$0.3 million.
- **Business License Taxes:** The decrease of 18 percent is a result of the variable timing of tax payments.
- **Recordation Tax:** The increase is primarily the result of the sale and refinancing of a few large commercial properties.
- Other Local Taxes: The decrease of 30 percent is a result of the variable timing of quarterly payments for vehicle rental taxes.
- **Revenue from Federal Government:** The decrease primarily represents the timing of payments for the Federal Prisoner Per Diem.
- **Charges for Service:** The increase is the result of a budgeted increase in meter fees (to \$1.75/hour) implemented with the installation of the new multi-space meters mid-year in FY 2011.

EXPENDITURE HIGHLIGHTS:

Year-to-Date Expenditures: As of January 31, 2012, actual General Fund expenditures totaled \$287.1. million, an increase of \$14.4 million, or 5.3 percent, above expenditures for the same period last year. The revised budget reflects amounts that were appropriated in the supplemental appropriation ordinance approved in November. Personnel expenditures remain on par with last year. These personnel expenditures are just slightly higher than the budget, primarily because turnover savings are deducted from the budget on the first day of the fiscal year while the savings are realized during the year. Non-personnel spending increased 6.9 percent. For many departments, differences in spending patterns reflect the timing of bill payments and not necessarily changes in spending patterns. We continue to closely monitor and control these expenditures to be at or below budget.

• Fire Department: As discussed during several City Council Legislative meetings and during the FY 2012 budget process, the Fire Department has a continuing need to utilize overtime to maintain minimum staffing levels on frontline Fire and EMS units when firefighters and medics use leave and to fill vacancies from attrition. The new Fire recruit class hired in 2011 has started to reduce costs from the prior year. Another recruit class

is now underway that will continue to reduce the need for overtime late in FY 2012. Even with these changes, the Fire Department is currently projected to be over the current FY 2012 budget as adopted by City Council. Staff will continue to monitor overtime and other expenditures and revise the projections as needed.

- **Debt Service:** The increase reflects budgeted debt service for new bonds issued in June 2010 and July 2011. A portion of the interest cost (\$1.2 million) is reimbursed from the federal government as part of the Build America Bonds program.
- Non- Departmental: General Fund expenditures do not include the costs for several emergencies shown in the following table. The City has been included in the Presidential declarations for Hurricane Irene and Tropical Storm Lee, which makes certain expenditures eligible for federal reimbursement. Staff continues to work with FEMA and insurance adjustors on the reimbursement requests, though no reimbursements have been received yet. The Tropical Storm Lee cost estimate includes \$2.79 million to \$3.36 million in damages to the Holmes Run sewer that are believed to have resulted from the storm. City Council committed funds to offset any costs not reimbursed by FEMA. Additional costs are anticipated relating to the line of duty incident.

| Event | Cost | Other |
|----------------------------|-----------------------------|--|
| Tropical Storm Lee | \$2.68 to \$3.55 million | Declaration could reduce some costs |
| Hurricane Irene | 0.76 million | Declaration could reduce to between \$0.3 and \$0.4 million. |
| Earthquake | 0.50 million | |
| 9/11 Terrorist Preparation | 0.02 million | |

• Schools: The City will provide approximately 75 percent of the estimated funds required to operate the City public school system in FY 2012.

ONLINE REFERENCES:

Attachment 1: Online Reference 1-The Economy Attachment 2: Online Reference 2-Revenues Attachment 3: Online Reference 3-Expenditures

STAFF:

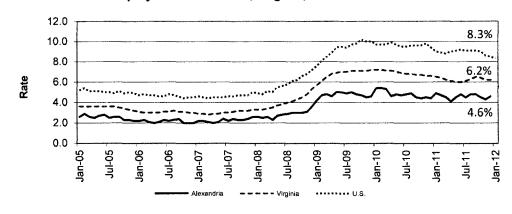
Laura Triggs, Acting Chief Financial Officer Morgan Routt, Acting Director, Office of Management & Budget Ray Welch, Finance Department Matthew Behrens, Office of Management & Budget Melinda Barton, Finance Department

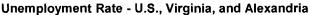
SELECTED ECONOMIC INDICATORS

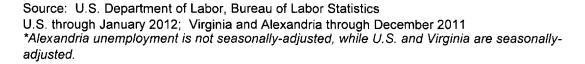
Attachment 1

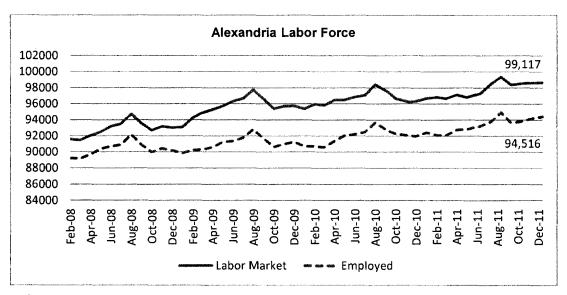
| Consumer Price Index (CPI-U) for the Washington-Baltimore, DC-MD-VA-WV Area (as of November 2011) For the United States (as of December 2011) Core CPI-U (excludes food and energy) (As of December 2011) (Source: U.S. Department of Labor, Bureau of Labor Statistics) | Change on Previous Year 3.3% 3.0% 2.2% | | | |
|---|--|-------------------------|----------------------|---------------|
| Unemployment Rates | Current Month | Prior Month | Prior Year | |
| Alexandria (as of December, 2011) Virginia (as of December, 2011) United States (as of January, 2012) (Source: U.S. Department of Labor, Bureau of Labor Statistics) | 4.6% 6.2% 8.3% | 4.3% 6.2% 8.5% | 4.4% 6.6% 9.4% | |
| Office Vacancy Rates | Current Quarter | Prior Ouarter | Prior Year | |
| Alexandria | 13.5% | 13.6% | 11.6% | |
| Northern Virginia | 13.1% | 12.9% | 12.6% | |
| Washington, DC Metro area | 11.6% | 11,5% | 11.3% | |
| (As of 4th quarter, 2011) | | | | |
| (Source: CoStar) | | | | |
| | | | | Change on |
| | Current Year | | Prior Year | Previous Year |
| New Business Licenses | <i>(</i>) | | | 00.10/ |
| 3 month trailing average | 64 | | 52 | 23.1% |
| (As of January 2012) | | | | |
| (Source: Finance Department) | | | | |
| New Commercial Construction (excluding Apartmer (Fiscal YTD as of December 2011) | | <u>iilding Renovati</u> | ons | |
| Number of new building permits | 2 | | 1 | 100.0% |
| Value of new building permits (\$ millions) | \$17 | | \$0.3 | 5466.7% |
| (Source: Office of Code Administration) | | | | |
| New Multi-family Construction (including Apartmen (Fiscal YTD as of December 2011) | nt & Condominium | Buildings) | | |
| Number of new building permits | 60 | | 26 | 130.8% |
| Value of new building permits (\$ millions) | \$102.9 | | \$39.9 | 157.9% |
| Residential Real Estate Indicators Residential Dwelling Units Sold | 1,690 | | 1,697 | -0.4% |
| (Calendar YTD ending December 2011) | 1,090 | | 1,097 | -0.4% |
| Median Residential Sales Price (As of December2011) | \$488,500 | | \$417,600 | 17.0% |
| (Source: Department of Real Estate Assessments) | \$400,000 | | \$117,000 | 11.070 |
| Foreclosures 3 month trailing average (As of December 2011) | 14 | | 20 | -30.0% |
| Source: Dept of Real Estate Assessments | | | | |
| | | | | |

Attachment 1

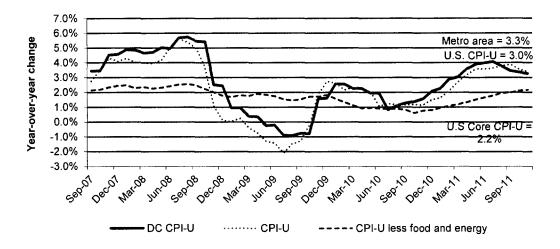








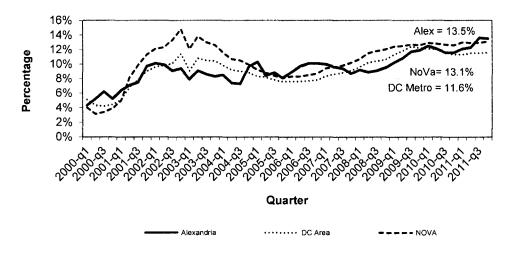
Source: Virginia Employment Commission Through December 2011 *Not seasonally adjusted.



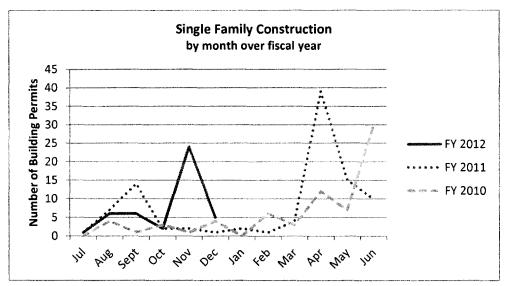
Annual Change in Consumer Price Index

Source: U.S. Department of Labor, Bureau of Labor Statistics DC CPI-U through November 2011; U.S. Core CPI-U and U.S. CPI-U through December 2011

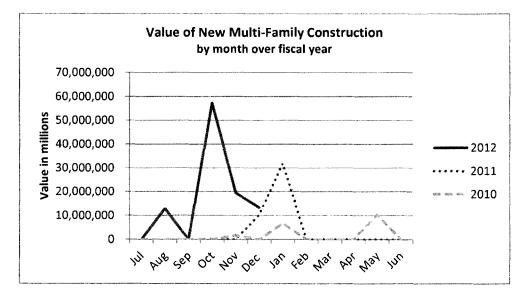
Office Vacancy Rates



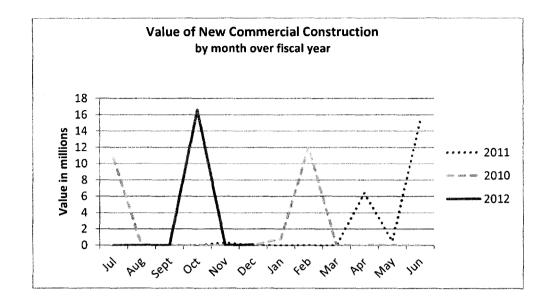
Source: CoStar Through 4th quarter, 2011



Source: Code Enforcement Through December 2011

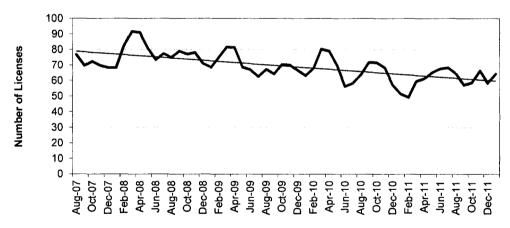


Source: Code Enforcement Through December 2011



Source: Code Enforcement Through December 2011



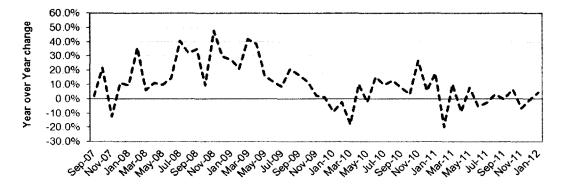


Source: Finance Department Through January 2012

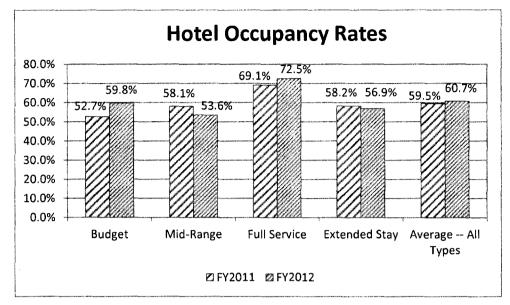


Source: Finance Department, U.S. Census Bureau Data: U.S. through January 2012; Alexandria through December 2011



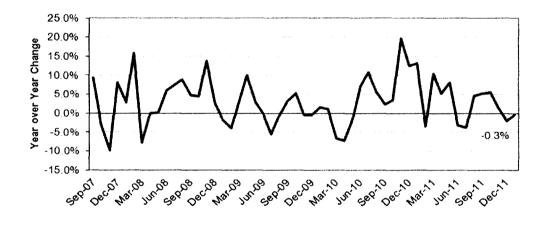


Source: Finance Department Through January 2012

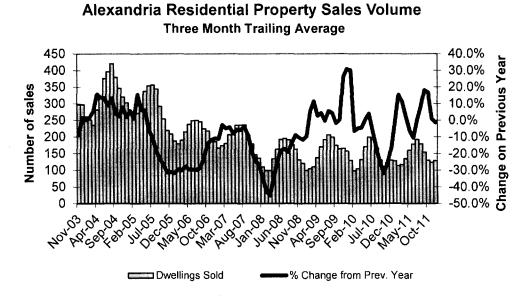


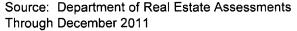
Source: Finance Department Through December 2011

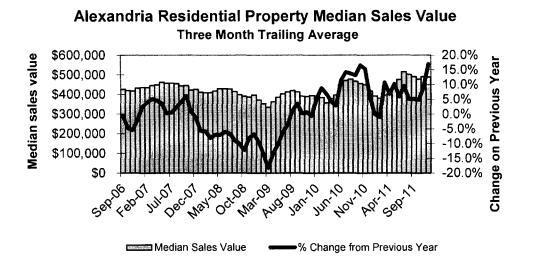




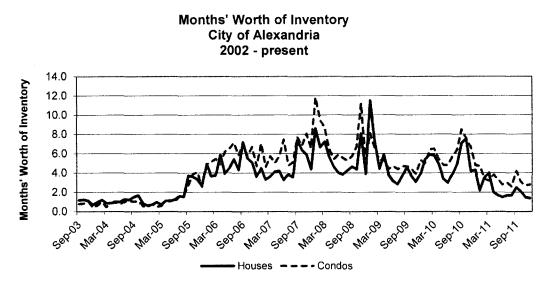
Source: Finance Department Through January 2012*





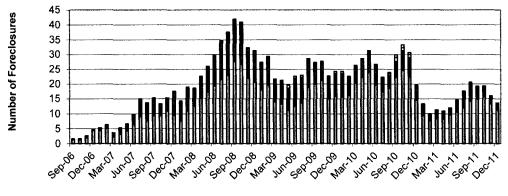


Sources: Metropolitan Regional Information Systems; Department of Real Estate Assessments Through December 2011



Source: Metropolitan Regional Information Systems Through December 2011





■Condos ■Single Family □Commercial □Land

Source: Department of Real Estate Assessments Through December 2011

14

Attachment 2

Online Reference 2

CITY OF ALEXANDRIA, VIRGINIA COMPARATIVE STATEMENT OF REVENUES GENERAL FUND FOR THE PERIODS ENDING JANUARY 31, 2012 AND JANUARY 31, 2011

| | A B | | B2 | С | D=C/B | E | F=(C-E)/E |
|---|----------------------------|----------------|--------------------|---------------------|--|---------------------|--|
| | FY2011 | FY2012 | FY 2012 | FY2012 | | FY2011 | |
| | e and a second | REVISED | PROJECTED | REVENUES | % | REVENUES | % |
| | ACTUALS | BUDGET | REVENUES | THRU 1/31/12 | OF BUDGET | THRU 01/31/11 | CHANGE |
| | | | | | | | u Katalan yang Katalan Katalan Salah S |
| General Property Taxes | | | | | ter an | | |
| Real Property Taxes | | \$ 321,674,773 | \$ 325,999,992 | \$ 159,195,198 | 49.5% | \$ 151,249,244 | 5% |
| Personal Property Taxes | | 34,600,000 | 36,945,648 | 35,475,308 | 102.5% | 32,495,820 | 9% |
| Penalties and Interest | | 1,870,000 | 1,870,000 | 989,806 | 52.9% | 917,141 | 8% |
| Total General Property Taxes | \$ 349,779,825 | \$ 358,144,773 | \$ 364,815,640 | \$ 195,660,312 | 54.6% | \$ 184,662,205 | 6% |
| Other Local Taxes | | | | | | | |
| Local Sales and Use Taxes | \$ 23,880,909 | \$ 24,200,000 | \$ 24,400,000 | \$ 10,098,663 | 41.7% | \$ 9,780,902 | 3% |
| Consumer Utility Taxes | | 11,200,000 | 11,200,000 | 5,340,501 | 47.7% | 5,383,297 | -1% |
| Communication Sales and Use Taxes | | 11,600,000 | 11,100,000 | 4,515,214 | 38.9% | 4,817,074 | -6% |
| Business License Taxes | | 31,825,000 | 32,000,000 | 2,432,285 | 7,6% | 2,979,358 | -18% |
| Transient Lodging Taxes | | 12,500,000 | 11,700,000 | 5,433,970 | 43,5% | 5,381,330 | 1% |
| Restaurant Meals Tax | | 16,300,000 | 16,300,000 | 7,607,074 | 46.7% | 7,628,467 | 0% |
| Tobacco Taxes | | 2,900,000 | 2,900,000 | 1,361,422 | 46.9% | 1,424,976 | -4% |
| Motor Vehicle License Tax | 3,324,937 | 3,200,000 | 3,400,000 | 2,933,903 | 91.7% | 2,805,651 | 5% |
| Real Estate Recordation | 3,668,663 | 3,800,000 | 4,100,000 | 2,954,665 | 77.8% | 1,876,897 | 57% |
| Admissions Tax | | 1,100,000 | 1,000,000 | 534,041 | 48.5% | 551,292 | -3% |
| Other Local Taxes | 3,547,688 | 2,705,000 | 3,285,275 | 252,880 | 9.3% | 360,227 | -30% |
| Total Other Local Taxes | \$ 118,259,357 | \$ 121,330,000 | \$ 121,385,275 | \$ 43,464,618 | 35.8% | \$ 42,989,471 | 1% |
| | | | | | | | |
| Intergovernmental Revenues | | | | | 이 같은 것은 것이 없다. | | |
| Revenue from the Fed. Government | \$ 9,697,509 | \$ 9,447,640 | \$ 9,950,206 | \$ 4,715,357 | 49.9% | \$ 5,159,040 | -9% |
| Personal Property Tax Relief from | | | | | | | |
| the Commonwealth | | 23,578,531 | 23,578,531 | 22,399,604 | 95.0% | 22,399,604 | 0% |
| Revenue from the Commonwealth | 20,452,569 | 19,950,485 | 19,950,485 | 11,124,981 | 55.8% | 10,741,538 | 4% |
| Total Intergovernmental Revenues | \$ 53,728,609 | \$ 52,976,656 | \$ 53,479,222 | \$ 38,239,942 | 72.2% | \$ 38,300,182 | .0% |
| A | | | | | | | |
| Other Governmental Revenues And | | | | | | 1000 | |
| Transfers In | 0 1 170 500 | A 45(4000 | | A 0.550.054 | 24.00 | A 155 000 | |
| Fines and Forfeitures | | \$ 4,764,000 | \$ 4,764,000 | \$ 2,578,376 | 54.1% | \$ 2,477,990 | 4% |
| Licenses and Permits | . , | 2,049,975 | 2,282,439 | 1,432,917 | 69.9% | 1,573,573 | -9% |
| Charges for City Services Revenue from Use of Money & Prop | | 14,709,303 | 14,909,303 | 8,493,842 | 57.7% | 7,794,833 | 9% |
| Other Revenue | | 3,570,000 | 3,420,000 | 2,501,008 | 70.1% 109.9% | 2,156,937 | 16% |
| Transfer from Other Funds | | 490,000 | 490,000 | 538,677 | 0.0% | 448,974 | 20% |
| Total Other Governmental Revenues | 1,446,713 \$ 27,981,740 | 1,666,903 | 1,666,903 | \$ 15 544 820 | 57.0% | \$ 14,452,307 | 0% |
| Total Oriel Governmental Revenues | a 27,301,140 | · 21,230,181 | <u> 21,332,093</u> | <u>a 13,344,620</u> | | <u>a</u> 14,432,307 | 070 |
| TOTAL REVENUE | \$ 549,749,531 | \$ 559,701,610 | \$ 567,212,782 | \$ 292,909,692 | 52.3% | \$ 280,404,165 | 4% |
| American Fund Delever | | | | | | | |
| Appropriated Fund Balance | | 8.071.120 | | | | | 0.07 |
| General Fund | - | 8,961,138 | - | - | - | - | 0% |
| Reappropriation of FY 2011 | | | | | | | |
| Encumbrances And Other | | 10.170.710 | | | | | 0.04 |
| Supplemental Appropriations TOTAL | \$ \$49,749,531 | 10,160,618 | \$ 567,212,782 | \$ 292,909,692 | - | \$ 280,404,165 | 0% |
| IVIAL | a 347,747,531 | \$ 578,823,366 | 3 307,212,782 | 292,909,692 | 50,6% | 3 280,404,165 | 4% |

ويترجع بعرابة فاستعاده الارتباعة

Attachment 3

,

Online Reference 3

COMPARATIVE STATEMENT OF EXPENDITURES & TRANSFERS BY FUNCTION GENERAL FUND FOR THE PERIODS ENDING JANUARY 31, 2012 AND JANUARY 31, 2012

| | mmuusuus | A | n in tea | B | | С | D=C/B | | E | F=(C-E)/E |
|---|-------------|------------------------|----------|-------------------|-----------|----------------------|----------------|---------------------------|----------------------|-------------------|
| | F | ¥2011 | | FY2012 REVISED | FX | FY2012 PENDITURES | % OF BUDGET | FY | FY2011 PENDITURES | EXPENDITURES % |
| FUNCTION | ۸C | TUALS | | BUDGET | | HRU 01/31/12 | EXPENDED | | IRU 01/31/11 | CHANGE |
| egislative & Executive | \$ | 5,076,332 | \$ | 5,417,296 | \$ | 2,976,689 | 54.9% | \$ | 3,568,967 | -17% |
| Judicial Administration | \$ | 38,393,185 | \$ | 39,976,309 | \$ | 22,947,969 | 57.4% | \$ | 22,244,681 | |
| Staff Agencies | | | | | | | | • | | |
| Information Technology Services | \$ | 7,181,221 | \$ | 7,598,174 | \$ | 4,070,449 | 53.6% | \$ | 3,806,728 | 7% |
| Management & Budget | | 1,063,491 | | 1,236,389 | | 527,657 | 42.7% | | 608,305 | -13% |
| Finance | | 9,872,634 | | 11,558,875 | | 5,499,196 | 47.6% | | 5,141,764 | 7% |
| Real Estate Assessment | | 1,470,112 | | 1,674,469 | | 888,710 | 53.1% | | 817,937 | 9% |
| Human Resources | | 2,820,166 | | 2,971,676 | | 1,604,817 | 54.0% | | 1,487,306 | 8% |
| Planning & Zoning | | 5,335,556 | | 5,623,460 | | 3,147,277 | 56.0% | | 2,976,731 | 6% |
| Economic Development Activities | | 3,719,232 | | 4,721,167 | | 3,466,109 | 73.4% | | 2,605,920 | 33% |
| City Attorney | | 2,325,670 | | 2,652,088 | | 1,358,694 | 51.2% | | 1,231,786 | 10% |
| Registrar | | 1,007,110 | | 1,203,860 | | 658,303 | 54.7% | | 664,796 | -1% |
| General Services | 120 | 11,681,427 | 14. | 12,486,884 | ter d | 6,933,450 | 55.5% | 2. 1.1.1.1.1.1 | 6,470,608 | 7% |
| Total Staff Agencies | <u> </u> | 46,476,619 | 5 | 51,727,042 | <u>\$</u> | 28,154,662 | 54.4% | <u> </u> | 25,811,881 | 9% |
| Operating Agencies | | | | | | | | | | |
| Transportation & Environmental Services | | 27,532,364 | \$ | 28,522,530 | \$ | 16,672,570 | 58.5% | \$ | 15,766,574 | 6% |
| Fire | | 35,892,427 | | 35,164,700 | | 21,643,111 | 61.5% | | 21,735,155 | 0% |
| Police | | 51,013,585 | | 51,203,943 | | 28,874,535 | 56.4% | | 29,366,010 | -2% |
| Emergency Communications | | 1,842,911 | | 5,687,007 | | 3,721,111 | 65.4% | | - | - |
| Code | | 843,814 | | 923,364 | | 426,685 | 46.2% | | 512,259 | -179 |
| Transit Subsidies | | 8,094,839 | | 8,564,122 | | 5,403,478 | 63.1% | | 5,815,081 | -7% |
| Community and Human Services | | 13,920,947 | | 14,789,220 | | 8,957,849 | 60.6% | | 7,911,512 | 13% |
| Health | | 7,854,474 | | 8,379,225 | | 4,221,783 | 50.4% | | 4,204,150 | 0% |
| Historic Resources | | 2,560,919 | | 2,824,565 | | 1,596,332 | 56.5% | | 1,459,942 | 9% |
| Recreation | | 19,025,423 | | 19,632,384 | | 10,920,834 | 55.6% | | 11,096,315 | -2% |
| Total Operating Agencies | <u>\$</u> 1 | 68,581,703 | 5 | 175,691,060 | <u>\$</u> | 102,438,288 | 58.3% | <u>\$</u> | 97,866,998 | 5% |
| Education | | | | | | | | | | |
| Schools | \$ 1 | 67,886,567 | \$ | 174,956,420 | \$ | 82,967,999 | 47.4% | \$ | 80,494,463 | 3% |
| Other Educational Activities | | 12,229 | | 12,288 | | 9,216 | 75.0% | | 9,172 | 0% |
| Total Education | <u>\$</u> 1 | 67,898,796 | \$ | 174,968,708 | \$ | 82,977,215 | 47.4% | \$ | 80,503,635 | |
| Capital, Debt Service and Miscellaneous | | | | | | | | | | |
| Debt Service | \$ | 38,479,349 | \$ | 43,438,079 | \$ | 26,368,080 | 60.7% | \$ | 21,185,348 | 24.5% |
| Non-Departmental | | 12,427,609 | | 13,932,749 | | 7,009,818 | 50.3% | | 6,949,308 | 0.9% |
| General Cash Capital | | 5,545,000 | | 4,915,986 | | 4,915,986 | 100.0% | | 5,545,000 | -11.3% |
| Contingent Reserves | | - | | 977,517 | | | 0.0% | | | |
| Total Capital, Debt Service and Miscellaneous | \$ | 56,451,958 | \$ | 63,264,331 | \$ | 38,293,884 | 60.5% | \$ | 33,679,656 | 13.7% |
| TOTAL EXPENDITURES | \$4 | 82,878,593 | \$ | 511,044,746 | \$ | 277,788,707 | \$4.4% | S | 263,675,818 | 5,4% |
| Cash Match (Mental Health/Mental Retardation/ | | | | | | | | | | |
| Substance Abuse, Human Services and Library | | | | | | | | | | |
| and Transfers to the Special Revenue Fund) | | 33,360,416 | | 51,453,962 | | _ | - | | - | |
| Transfer to Housing | | 1,715,904 | | 1,651,705 | | 737,580 | 44.7% | | 841,141 | -12.39 |
| Transfer to Library | | 5,879,455 | | 6,644,953 | | 3,874,008 | 58,3% | | 3,655,794 | 6.09 |
| Transfer to DASH | | 5,879,455 8,178,196 | | 8,028,000 | | 4,680,324 | 58.3% | | 4,551,941 | 2.89 |
| TOTAL EXPENDITURES & TRANSFERS | \$ 5 | 32,012,564 | s | - 578,823,366 | S | 287,080,619 | 49.6% | \$ | 272,724,694 | 5.39 |
| | | | | | | | | | | |
| Total Expenditures by Category | - | | | | | | | | | |
| Salaries and Benefits | \$1 | 81,704,996 | \$ | 187,885,023 | \$ | 105,611,876 | 56.2% | \$ | 102,942,827 | 2.69 |
| | , | 50 207 5/0 | | 200 020 242 | | 181,468,743 | 46.4% | | 169,781,867 | 6.9% |
| Non Personnel (includes all school funds) | J | 50,307,568 | | 390,938,343 | | 181,408,743 | 40.470 | | 109,701,007 | 5.39 |

 $(\phi$