



**WILLIAMSBURG-
JAMES CITY COUNTY
PUBLIC SCHOOLS
FY 2010-2011**



FIVE-YEAR PROJECTIONS



Future Budget Projections
(Estimates – Subject to Change)

FIVE-YEAR ENROLLMENT and BUDGET PROJECTIONS

Reference is made to the following **Five-Year Enrollment and Budget Projections** document. This report is devoted to estimating the costs (operating fund impact) associated with the enrollment increases and possible increased costs. These, and the revenue projections, are rough estimates. Some of the assumptions associated with the projections include:

Expenditure Assumptions

- Assumes that staffing ratios will remain constant from the FY 2010-2011 budgeted level (Elementary = 22.5:1, Middle = 23.25, and High = 25.25:1).
- Assumes the projected increase in enrollment (see following page)
- Assumes that costs will increase as depicted (e.g., 0% increase in wages in FY 2011-2012 and 2.5% in the following years, 5% increase in employee benefits for FY 2011-2012 and 7.5% in the following years). These estimates are reflected in the “base budget increases.”

Revenue Assumptions

- Assumes that local funding will be the same in FY 2011-2012 as FY 2010-2011 and that it increases 3% in following years.
- Assumes that state funding will decrease by \$1.6 million in FY 2011-2012 from FY 2010-2011 and that it increases 3% in following years.

The assumptions contained herein are subject to change are only for discussion purposes. Actual cost and revenue numbers will be finalized with each year’s respective budget proposals.

The following analysis indicates a possible budget gap (difference between projected expenses and projected revenue) in all years, for example, FY 2011-2012’s projected budget gap is \$3.5 million. In order to address this gap, expenses will have to be reduced or additional revenue will have to become available. Again, please note that these are only estimates and are subject to change and that the “out years” numbers become less definitive as enrollment numbers and other variables change over time. They do, however, indicate possible trends. WJCC hopes that the information contained provides valuable information in short and long term planning.

FIVE-YEAR ENROLLMENT and BUDGET PROJECTIONS
FY 2010-2011 through FY 2014-2015

| Williamsburg-James City County Public Schools and Projected Enrollment - Source: DeJong-Healy (October 2009, low proj.) | | | | | |
|---|-----------|---------|---------|---------|---------|
| Level | 2010-2011 | 2011-12 | 2012-13 | 2013-14 | 2014-15 |
| Grades K to 5 | 4,779 | 4,914 | 4,987 | 5,093 | 5,194 |
| Grades 6 to 8 | 2,468 | 2,543 | 2,562 | 2,599 | 2,619 |
| Grades 9 to 12 | 3,473 | 3,432 | 3,441 | 3,545 | 3,642 |
| Grand Total | 10,720 | 10,889 | 10,990 | 11,237 | 11,455 |
| Increase from previous year | 217 | 169 | 101 | 247 | 218 |

Summary of additional operating costs due to enrollment and estimated needed revenue to support increased expense

FY 2010/11 Superintendent's Proposed (February 2010) Budget **\$ 109,567,330** *Note: All amounts expressed in 2010 Dollars*

| Core (Base) Additional Staffing Costs (based on current staffing student to teacher ratios) | 2011-12 | | 2012-13 | | 2013-14 | | 2014-15 | |
|---|---------|----------------|---------|----------------|---------|----------------|---------|----------------|
| | FTE | Amount | FTE | Amount | FTE | Amount | FTE | Amount |
| Additional Building Allocations | | \$ 23,125 | | \$ 16,525 | | \$ 48,375 | | \$ 42,900 |
| Base Budget Increase | | \$ 1,415,669 | | \$ 4,081,151 | | \$ 4,267,623 | | \$ 4,513,380 |
| Projected needed reductions (tbd) - Budget Gap | | \$ (3,460,649) | | \$ (1,374,487) | | \$ (2,310,791) | | \$ (2,115,746) |
| Additional Staffing Costs (based on current staffing student to teacher ratios) | 14.0 | \$ 921,855 | 8.0 | \$ 514,301 | 20.0 | \$ 1,329,408 | 15.5 | \$ 994,120 |
| TOTAL Estimated Budget * | 14.00 | \$ 108,467,330 | 8.00 | \$ 111,704,820 | 20.00 | \$ 115,039,435 | 15.50 | \$ 118,474,088 |

Grand Total of Additional Costs and FTEs Due To Enrollment, New Buildings, and Base Budget Increase

| | 2011-12 | | 2012-13 | | 2013-14 | | 2014-15 | |
|--|---------|----------------|---------|--------------|---------|--------------|---------|--------------|
| | FTE | \$ Amount | FTE | \$ Amount | FTE | \$ Amount | FTE | \$ Amount |
| Total Estimated Revenue Change from prior year | 14.0 | \$ (1,100,000) | 8.0 | \$ 3,237,490 | 20.0 | \$ 3,334,615 | 15.5 | \$ 3,434,653 |

| | 2011-12 | | 2012-13 | | 2013-14 | | 2014-15 | |
|---|--------------|-----------------------|-------------|---------------------|-------------|---------------------|-------------|---------------------|
| | % | Dollar | % | Dollar | % | Dollar | % | Dollar |
| Estimated Revenue*** | | | | | | | | |
| James City County | 0.0% | \$ - | 3.0% | \$ 2,214,000 | 3.0% | \$ 2,280,420 | 3.0% | \$ 2,348,833 |
| Williamsburg | 0.0% | \$ - | 3.0% | \$ 209,380 | 3.0% | \$ 215,661 | 3.0% | \$ 222,131 |
| State | -3.9% | \$ (1,100,000) | 3.0% | \$ 814,110 | 3.0% | \$ 838,533 | 3.0% | \$ 863,689 |
| Total Estimated Revenue Increase | -1.0% | \$ (1,100,000) | 3.0% | \$ 3,237,490 | 3.0% | \$ 3,334,615 | 3.0% | \$ 3,434,653 |
| Difference Expense & Revenue | | \$ (0) | | \$ 0 | | \$ 0 | | \$ 0 |

DETAIL LISTING:

| Core (Base) Additional Staffing Costs (based on current staffing student to teacher ratios) | | | | | | | | |
|--|---------|--------------|---------|------------|---------|--------------|---------|--------------|
| | 2011-12 | | 2012-13 | | 2013-14 | | 2014-15 | |
| Elementary (target ratio 22.5) | 6.0 | \$ 330,000 | 3.0 | \$ 165,000 | 5.0 | \$ 275,000 | 4.0 | \$ 220,000 |
| Middle (target ratio 23.25) | 4.0 | \$ 220,000 | 1.0 | \$ 55,000 | 2.0 | \$ 110,000 | 1.0 | \$ 55,000 |
| High (target ratio 25.25) | -2.0 | \$ (110,000) | 0.0 | \$ - | 5.0 | \$ 275,000 | 5.0 | \$ 220,000 |
| Special Education (15% 10 to 1) | 3.0 | \$ 165,000 | 2.0 | \$ 110,000 | 4.0 | \$ 220,000 | 2.8 | \$ 165,000 |
| Special Education Assistants | 3.0 | \$ 60,000 | 2.0 | \$ 40,000 | 4.0 | \$ 80,000 | 2.8 | \$ 55,000 |
| Employee Benefits for positions above | | \$ 256,855 | | \$ 144,301 | | \$ 369,408 | | \$ 279,120 |
| Sub-total | 14.0 | \$ 921,855 | 8.0 | \$ 514,301 | 20.0 | \$ 1,329,408 | 15.5 | \$ 994,120 |
| Additional Building Allocations | | \$ 23,125 | | \$ 16,525 | | \$ 48,375 | | \$ 42,900 |
| Total of Additional Costs and FTEs Due To Enrollment | 14.0 | \$ 944,980 | 8.0 | \$ 530,826 | 20.0 | \$ 1,377,783 | 15.5 | \$ 1,037,020 |
| Grand Total | 14.0 | \$ 944,980 | 8.0 | \$ 530,826 | 20.0 | \$ 1,377,783 | 15.5 | \$ 1,037,020 |

| | 2011-12 | | 2012-13 | | 2013-14 | | 2014-15 | |
|--|------------------------|---------------------|------------------------|---------------------|------------------------|---------------------|------------------------|---------------------|
| Previous Year's (estimated) Base Budget | | \$ 109,567,330 | | \$ 108,467,330 | | \$ 111,704,820 | | \$ 115,039,435 |
| Base Budget Increase (see breakout below) | Yearly Increase | \$ 1,415,669 | Yearly Increase | \$ 4,081,151 | Yearly Increase | \$ 4,267,623 | Yearly Increase | \$ 4,513,380 |
| Personnel Services (wages) | 0.0% | \$ - | 2.5% | \$ 1,771,168 | 2.5% | \$ 1,808,072 | 2.5% | \$ 1,868,024 |
| Employee Benefits | 5.0% | \$ 1,278,500 | 7.5% | \$ 2,032,901 | 7.5% | \$ 2,176,927 | 7.5% | \$ 2,357,080 |
| Purchased Services | 1.0% | \$ 27,692 | 2.0% | \$ 55,938 | 2.0% | \$ 57,056 | 2.0% | \$ 58,198 |
| Other Charges (- utilities) | 1.0% | \$ 23,450 | 2.0% | \$ 47,368 | 2.0% | \$ 48,316 | 2.0% | \$ 49,282 |
| Utilities | 1.0% | \$ 30,397 | 2.0% | \$ 61,401 | 2.0% | \$ 62,629 | 2.0% | \$ 63,882 |
| Materials and Supplies | 1.0% | \$ 43,990 | 2.0% | \$ 88,861 | 2.0% | \$ 90,638 | 2.0% | \$ 92,451 |
| Tuitions | 1.0% | \$ 11,641 | 2.0% | \$ 23,514 | 2.0% | \$ 23,985 | 2.0% | \$ 24,464 |
| Capital/Equipment & Other | 0.0% | \$ - | 0.0% | \$ - | 0.0% | \$ - | 0.0% | \$ - |
| Additional Costs From Above (added personnel, etc.) | | \$ 944,980 | | \$ 530,826 | | \$ 1,377,783 | | \$ 1,037,020 |
| Projected needed reductions (tbd) - Budget Gap | | \$ (3,460,649) | | \$ (1,374,487) | | \$ (2,310,791) | | \$ (2,115,746) |
| TOTAL Estimated Budget ** | | \$ 108,467,330 | | \$ 111,704,820 | | \$ 115,039,435 | | \$ 118,474,088 |
| Increase from prior year | -1.0% | \$ (1,100,000) | 3.0% | \$ 3,237,490 | 3.0% | \$ 3,334,615 | 3.0% | \$ 3,434,653 |

| | 2011-12 | | 2012-13 | | 2013-14 | | 2014-15 | |
|---|---------|----------------|---------|--------------|---------|--------------|---------|--------------|
| Estimated Revenue*** | | | | | | | | |
| Williamsburg | 0.0% | \$ - | 3.0% | \$ 209,380 | 3.0% | \$ 215,661 | 3.0% | \$ 222,131 |
| James City County | 0.0% | \$ - | 3.0% | \$ 2,214,000 | 3.0% | \$ 2,280,420 | 3.0% | \$ 2,348,833 |
| State | -3.9% | \$ (1,100,000) | 3.0% | \$ 814,110 | 3.0% | \$ 838,533 | 3.0% | \$ 863,689 |
| Other | 0.0% | \$ - | 0.0% | \$ - | 0.0% | \$ - | 0.0% | \$ - |
| Total Estimated Revenue Increase | -1.0% | \$ (1,100,000) | 3.0% | \$ 3,237,490 | 3.0% | \$ 3,334,615 | 3.0% | \$ 3,434,653 |
| Difference | | \$ 0 | | \$ (0) | | \$ (0) | | \$ (0) |

| | 2011-12 | | 2012-13 | | 2013-14 | | 2014-15 | |
|----------------------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|
| TOTAL REVENUE RECAP | | | | | | | | |
| Williamsburg | 0.0% | \$ 6,979,332 | 3.0% | \$ 7,188,712 | 3.0% | \$ 7,404,373 | 3.0% | \$ 7,626,505 |
| James City County | 0.0% | \$ 73,800,000 | 3.0% | \$ 76,014,000 | 3.0% | \$ 78,294,420 | 3.0% | \$ 80,643,253 |
| State | -3.9% | \$ 27,136,998 | 3.0% | \$ 27,951,108 | 3.0% | \$ 28,789,641 | 3.0% | \$ 29,653,330 |
| Other | 0.0% | \$ 551,000 | 0.0% | \$ 551,000 | 0.0% | \$ 551,000 | 0.0% | \$ 551,000 |
| | -1.0% | \$ 108,467,330 | 3.0% | \$ 111,704,820 | 3.0% | \$ 115,039,434 | 3.0% | \$ 118,474,088 |

* FY 2011 based on Superintendent's Proposed Budget (March 2010), inclusive of House budget.

** Does not include all needs (e.g., instructional improvements). Actual numbers will vary.

*** County/City split: 91.36%/8.64%



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