#### REVENUE ESTIMATING CONFERENCE

**TAX:** Sales and Use Tax

ISSUE: Sales Tax holiday – 11 days in August 2009 for clothing and books \$50 or less and for school supplies \$10 or less

BILL NUMBER(S): SB 396 SPONSOR(S): Senator Baker

MONTH/YEAR COLLECTION IMPACT BEGINS: August 2009

DATE OF ANALYSIS: February 27, 2009

# **SECTION 1: NARRATIVE**

# a. Current Law:

All purchases of clothing, shoes, school supplies and books are subject to the 6% statewide sales and use tax under ch. 212.F.S.

## b. Proposed Change:

During the 11-day period from 12:01 a.m. August 1, 2009 (a Saturday), through midnight August 11 (a Tuesday), 2009, purchases of books, clothing, wallets or bags, including handbags, backpacks, fanny packs, and diaper bags, but excluding briefcases, suitcases, and other garment bags will be exempt from paying sales tax as long as these items sell for \$50 or less per item. Clothing is defined as "any article of wearing apparel, including all footwear, except skis, swim fins, roller blades, and skates, intended to be worn on or about the human body" but not including "watches, watchbands, jewelry, umbrellas, or handkerchiefs." Book is defined as "a set of printed sheets bound together and published in a volume." The term "book" does not include "newspapers, magazines, or other periodicals."

Also during this same period, purchases of school supplies including pens, pencils, erasers, crayons, notebooks, notebook filler paper, legal pads, composition books, poster paper, scissors, cellophane tape, glue or paste, rulers, computer disks, protractors, compasses and calculators will be exempted from paying sales tax as long as these items sell for \$10 or less per item.

The bill provides an **appropriation of \$240,312 from General Revenue** to the Department of Revenue to administer the sales tax holiday.

# **SECTION 2: DESCRIPTION OF DATA AND SOURCES**

February 2009 National Economic Estimating Conference forecast for Clothing and Shoes.

U.S. and Florida populations under 65, 65 and over, and total from National Economic Estimating Conference February 2009 and Florida Demographic Estimating Conference February 2009.

Statistical Abstract of the US, 2009.

Book Industry TRENDS 2008, Book Industry Study Group, Inc.

Public Schools Enrollment Estimating Conference FTE long-run forecast February 2009.

DOE K-12 Headcount Enrollment, Fall 2008.

Florida School Choice Office, Florida's Private Schools Mid-Year Report, 2008-09.

IPEDS enrollment in higher education in Florida, all providers, 2005.

# SECTION 3: METHODOLOGY (INCLUDE ASSUMPTIONS AND ATTACH DETAILS)

See attached worksheets. Begin with BASE of ten-day impact and adjust by matrix based on number of days in the holiday. **SECTION 4: PROPOSED FISCAL IMPACT** 

State Impact:	FY 2009-10	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13
All Funds	Annualized	Cash	Cash	Cash	Cash
High - TOTAL		(\$45.1 M)			
Clothing & Shoes		(\$ 30.6 M)			
Books		(\$ 8.7 M)			
School Supplies	-0-	(\$ 5.8 M)	-0-	-0-	-0-
Middle - TOTAL		(\$ 40.5 M)			
Clothing & Shoes		(\$ 27.9 M)			
Books		(\$ 7.1 M)			
School Supplies	-0-	(\$ 5.5 M)	-0-	-0-	-0-
Low - TOTAL		(\$ 35.9 M)			
Clothing & Shoes		(\$ 25.2 M)			
Books		(\$ 5.6 M)			
School Supplies	-0-	(\$ 5.1 M)	-0-	-0-	-0-

# REVENUE ESTIMATING CONFERENCE

**TAX:** Sales and Use Tax

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MONTH/YEAR COLLECTION IMPACT BEGINS: August 2009

**DATE OF ANALYSIS:** February 27, 2009

SECTION 5: CONSENSUS ESTIMATE (ADOPTED 3/14/09) The conference adopted the middle estimate.

	FY 2009-10	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13
	Annualized	Cash	Cash	Cash	Cash
General Revenue		(35.8)			
State Trust		(.1)			
Total State Impact		(35.9)			
Revenue Sharing		(1.2)			
Local Gov't Half Cent		(3.4)			
Local Option		(3.4)			
Total Local Impact		(8.0)			
Total Impact	0	(43.9)	0	0	0

# Back-to-School Daily Factors - based on Hurricane Sales Tax Holiday Analysis

Depending upon what SET OF DAYS are included, the most impact will come from the weekend. As long as an ENTIRE WEEKEND is included, the most impact will occur on Friday, Saturday and Sunday. Each weekday will add less to the impact.

																Recalibrate to
Example:	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	TUESDAY	WEDNESDAY	TOTAL	10-day holiday
14-Day Holiday	2.0%	5.5%	35.0%	20.0%	1.0%	1.0%	1.0%	1.0%	2.5%	20.0%	10.0%	1.0%	1.0%	1.0%	102.0%	105.2%
13-Day Holiday	2.0%	5.5%	35.0%	20.0%	1.0%	1.0%	1.0%	1.0%	2.5%	20.0%	10.0%	1.0%	1.0%	X	101.0%	104.1%
12-Day Holiday	2.0%	5.5%	35.0%	20.0%	1.0%	1.0%	1.0%	1.0%	2.5%	20.0%	10.0%	1.0%	Χ	X	100.0%	103.1%
11-Day Holiday	2.0%	5.5%	35.0%	20.0%	1.0%	1.0%	1.0%	1.0%	2.5%	20.0%	10.0%	Х	X	X	99.0%	102.1%
10-Day Holiday	X	5.5%	35.0%	20.0%	1.0%	1.0%	1.0%	1.0%	2.5%	20.0%	10.0%	Х	X	X	97.0%	100.0%
9-Day Holiday	Х	5.5%	35.0%	20.0%	1.0%	1.0%	1.0%	1.0%	2.5%	20.0%	Х	Х	X	X	87.0%	89.7%
8-Day Holiday	X	Х	35.0%	20.0%	1.0%	1.0%	1.0%	1.0%	2.5%	20.0%	Х	Х	X	X	81.5%	84.0%
7-Day Holiday	Х	5.5%	35.0%	20.0%	1.0%	1.0%	1.0%	1.0%	Х	Х	Х	Х	X	X	64.5%	66.5%
6-Day Holiday	2.0%	5.5%	35.0%	20.0%	1.0%	1.0%	X	Х	X	Х	Х	Х	X	X	64.5%	66.5%
5-Day Holiday	2.0%	5.5%	35.0%	20.0%	1.0%	Х	X	Х	Х	X	Х	Х	X	X	63.5%	65.5%
4-Day Holiday	2.0%	5.5%	35.0%	20.0%	X	X	X	Х	Χ	Χ	Х	Х	Χ	X	62.5%	64.4%
3-Day Holiday	Х	5.5%	35.0%	20.0%	Х	X	X	Х	Х	X	X	Х	Х	X	60.5%	62.4%
2-Day Holiday	X	Х	35.0%	20.0%	X	X	X	Х	Χ	Х	Х	Х	Χ	X	55.0%	56.7%
1-Day Holiday	X	X	35.0%	X	Х	Х	X	Х	Х	X	Х	Х	X	X	35.0%	36.1%

Applicable to all	BASE														
Sales Tax Holiday bills	Impact		Cost by Day, in \$ millions, based on factors shown in table above												
Days in adopted estimate	10	14	13	12	11	10	9	8	7	6	5	4	3	2	1
Clothing \$50 or less															
High	(30.0)	(31.5)	(31.2)	(30.9)	(30.6)	(30.0)	(26.9)	(25.2)	(19.9)	(19.9)	(19.6)	(19.3)	(18.7)	(17.0)	(10.8)
Middle	(27.3)	(28.7)	(28.4)	(28.1)	(27.9)	(27.3)	(24.5)	(22.9)	(18.2)	(18.2)	(17.9)	(17.6)	(17.0)	(15.5)	(9.9)
Low	(24.7)	(26.0)	(25.7)	(25.5)	(25.2)	(24.7)	(22.2)	(20.8)	(16.4)	(16.4)	(16.2)	(15.9)	(15.4)	(14.0)	(8.9)
Books \$50 or less															
High	(8.5)	(8.9)	(8.9)	(8.8)	(8.7)	(8.5)	(7.6)	(7.1)	(5.7)	(5.7)	(5.6)	(5.5)	(5.3)	(4.8)	(3.1)
Middle	(7.0)	(7.4)	(7.3)	(7.2)	(7.1)	(7.0)	(6.3)	(5.9)	(4.7)	(4.7)	(4.6)	(4.5)	(4.4)	(4.0)	(2.5)
Low	(5.5)	(5.8)	(5.7)	(5.7)	(5.6)	(5.5)	(4.9)	(4.6)	(3.7)	(3.7)	(3.6)	(3.5)	(3.4)	(3.1)	(2.0)
School Supplies															1
\$10 or less:															1
BASE list															ľ
High	(5.7)	(6.0)	(5.9)	(5.9)	(5.8)	(5.7)	(5.1)	(4.8)	(3.8)	(3.8)	(3.7)	(3.7)	(3.6)	(3.2)	(2.1)
Middle	(5.4)	(5.7)	(5.6)	(5.6)	(5.5)	(5.4)	(4.8)	(4.5)	(3.6)	(3.6)	(3.5)	(3.5)	(3.4)	(3.1)	(1.9)
Low	(5.0)	(5.3)	(5.2)	(5.2)	(5.1)	(5.0)	(4.5)	(4.2)	(3.3)	(3.3)	(3.3)	(3.2)	(3.1)	(2.8)	(1.8)
EXPANDED list															1
High	(6.2)	(6.5)	(6.5)	(6.4)	(6.3)	(6.2)	(5.6)	(5.2)	(4.1)	(4.1)	(4.1)	(4.0)	(3.9)	(3.5)	(2.2)
Middle	(5.9)	(6.2)	(6.1)	(6.1)	(6.0)	(5.9)	(5.3)	(5.0)	(3.9)	(3.9)	(3.9)	(3.8)	(3.7)	(3.3)	(2.1)
Low	(5.5)	(5.8)	(5.7)	(5.7)	(5.6)	(5.5)	(4.9)	(4.6)	(3.7)	(3.7)	(3.6)	(3.5)	(3.4)	(3.1)	(2.0)
Total, with BASE school supplies list															
High	(44.2)	(46.5)	(46.0)	(45.6)	(45.1)	(44.2)	(39.6)	(37.1)	(29.4)	(29.4)	(28.9)	(28.5)	(27.6)	(25.1)	(15.9)
Middle	(39.7)	(40.5)	(41.3)	(40.9)	(40.5)	(39.7)	(35.6)	(33.4)	(26.4)	(26.4)	(26.9)	(25.6)	(24.8)	(22.5)	(15.9)
Low	(35.2)	(37.0)	(36.7)	(36.3)	(35.9)	(35.2)	(31.6)	(29.6)	(23.4)	(23.4)	(23.0)	. ,	(22.0)	(20.0)	(12.7)
Total, with EXPANDED	(33.2)	(37.0)	(30.7)	(30.3)	(55.5)	(55.2)	(31.0)	(23.0)	(23.4)	(23.4)	(23.0)	(22.1)	(22.0)	(20.0)	(12.7)
school supplies list															
High	(44.7)	(47.0)	(46.5)	(46.1)	(45.6)	(44.7)	(40.1)	(37.6)	(29.7)	(29.7)	(29.3)	(28.8)	(27.9)	(25.3)	(16.1)
Middle	(40.2)	(42.3)	(41.9)	(41.4)	(41.0)	(40.2)	(36.1)	(33.8)	(26.7)	(26.7)	(26.3)	(25.9)	(25.1)	(22.8)	(14.5)
Low	(35.7)	(37.5)	(37.2)	(36.8)	(36.4)	(35.7)	(32.0)	(30.0)	(23.7)	(23.7)	(23.4)	(23.0)	(22.3)	(20.2)	(12.9)

	SI	B 396 as file	ed	Н	B 595 as file	ed	Н	B 815 as filed	I
Provisions of the Bills	;	# Days = 11			# Days = 9			# Days = 7	
	High	Middle	Low	High	Middle	Low	High	Middle	Low
Clothing \$50/item	(30.6)	(27.9)	(25.2)	(26.9)	(24.5)	(22.2)	(19.9)	(18.2)	(16.4)
Books \$50/item	(8.7)	(7.1)	(5.6)	(7.6)	(6.3)	(4.9)			
School Supplies \$10/item BASE	(5.8)	(5.5)	(5.1)	(5.1)	(4.8)	(4.5)			
School Supplies \$10/item EXPAND							(4.1)	(3.9)	(3.7)
TOTAL	(45.1)	(40.5)	(35.9)	(39.6)	(35.6)	(31.6)	(24.1)	(22.1)	(20.1)

CLOTHING & SHOES, TEN DAYS IN AUG, \$50 L	IMIT						]
2009-10		Low		Medium		<u>High</u>	NOTES:
National Expenditure on Apparel and Shoes		352,550.8	3	52,550.8	3	52,550.8	Source: Clothes & Shoes
Fl. share based on pop forecast of 04/05 (Q3 04)		21,490.0		21,490.0		21,490.0	Global Insight Feb 09 CONTROL fcst AS ADJUSTED BY NEEC CO
Fl. Exp. on Apparel & Shoes (adjusted)		18,039.6		18,039.6		18,039.6	US Pop = 12.9% 65+ / Fla Pop = 17.6% 65+
Est. Fl. Based Sales of Apparel & Shoes (mail ord. Adj.)		15,514.1		15,514.1		15,514.1	NY study: Adjusted by 14% due to mail order losses
Sales Tax at 6%		930.8		930.8		930.8	
Exempted Amount (55%, 60%, & 65%)		512.0		558.5		605.0	
Prel. TEN-day fiscal impact in Florida (\$ 50 limit)	\$	(14.0)	\$	(15.3)	\$	(16.6)	
Seasonal factor set to 1 (no seasonal factor)		1.0		1.0		1.0	Seasonal factor not applicable
The behavioral factor based on New York history		1.7		1.7		1.7	NY study
Adj. TEN-day fiscal impact in Florida (\$ 50 limit)	\$	(24.3)	\$	(26.5)	\$	(28.7)	
Backpacks (30%, 20%, 10% of Prek-12 + U Stu. (\$25))	\$	(0.4)	\$	(0.9)	\$	(1.3)	Pre-K thru 12 + CC + SUS + privates all levels enrollment 2,881,058 linked
Total Impact	\$	(24.7)	\$	(27.3)	\$	(30.0)	_,,
						•	

RETAIL BOOKS, TEN DAYS IN AUG, \$50 LIMIT				20	09-10		
RETAIL BOOKS \$50		BAS	SE				
			Low	M	ledium		<u>High</u>
Total Value U.S. Domestic Consumer Expenditures on Books, B! BISG = Book Industry Study Group	SIG est.	59	9,926.7	59	9,926.7	59,9	26.7
Fl. share based on pop forecast (Feb 08 DEC / Q3 for August)		3	3,652.9	3	3,652.9	3,6	552.9
	Per capita for Florida		194.1		194.1	1	94.1
Est. Fl. Based Sales of BOOKS (mail ord. Adj.)		3	3,141.5	3	3,141.5	3,1	41.5
Sales Tax at 6%			188.5		188.5	1	.88.5
Exempted Amount (85%, 90%, 95%) - Books \$50 or less			160.2		169.6	1	79.1
Prel. TEN-DAY fiscal impact in Florida (\$50 limit)		\$	(4.39)	\$	(4.65)	\$ (	4.91)
Seasonal factor - not applicable to books			1		1		1
The behavioral factor based on New York history - 2003 CONF.	suggested 1.5		1.25		1.50		1.73
Adj. TEN-DAY fiscal impact in Florida		\$	(5.5)	\$	(7.0)	\$	(8.5)

# 2009 SCHOOL SUPPLIES SALES TAX HOLIDAY **TEN DAYS IN AUG** SCHOOL SUPPLIES BASE LIST **SALES PRICE \$10 OR LESS PER ITEM**

NO	Backpack
	NO

<u>Assumptions</u> Grades	w/Back Expend		 ckpack nditure	_	omputer Disks , Univ, Private
PreK	\$ 2	20.00	\$ 12.00	\$	-
K-2	\$ 2	20.00	\$ 12.00	\$	-
3	\$ 2	25.00	\$ 15.00	\$	-
4-5	\$ 2	25.00	\$ 15.00	\$	1.00
6-8	\$ 3	35.00	\$ 21.00	\$	1.00
9-12	\$ 4	10.00	\$ 24.00	\$	1.00
Univ. Students	\$ 4	10.00	\$ 24.00	\$	2.00
Private	\$ 3	30.00	\$ 18.00	\$	1.00

#### K-12 Headcount estimate:

Begin with Fall 2008 actual public school headcount. Add private school headcount, Mid-Year Report from the Florida School Choice Office. Grow FY 2008-09 headcount (public + private)

by FTE growth from Feb 2009 PSEEC for out-year.

#### University/Higher Ed Headcount estimate:

Census 2005 % of pop enrolled in higher education in Florida, applied to the age-group forecast from Fla Demographic Fcst Feb 2009.

#### **DEFINITIONS:**

pens, pencils, erasers, crayons, notebooks, notebook filler paper, BASE School Supplies = legal pads, composition books, poster paper, scissors, cellophane tape, glue or paste, rulers, computer disks, protractors, compasses, calculators

SB 396 AS FILED HB 595 AS FILED

BASE - FY 07-08

## School Supplies + Computer Disks

Students by Level		FY 2009	-10
	FY 2009-10	Includes Backpack?	NO
PreK	88,126		1.1
KG	219,057		2.6
1	213,891		2.6
2	212,875		2.6
3	222,198		3.3
4	215,703		3.5
5	212,837		3.4
6	213,489		4.7
7	217,506		4.8
8	212,659		4.7
9	237,906		5.9
10	213,902		5.3
11	206,567		5.2
12	194,342		4.9
Total, Public PK-12	2,881,058	5	4.5
Total Univ/CC/Private HiEd	1,077,859		8.0
Total PreK-12 + HiEd	3,958,917	8	2.5

Advantage Buying by Business, General Public

% for 10	)-day	
	85%	
	75%	
	65%	

School Supplies \$10 limit Impact (\$M)	FY 2009-10	0	0	0
Sales Tax Impact (High - see col B & C% Children + U Students)	-5.7	0.0	0.0	0.0
Sales Tax Impact (Medium - see col B & C% Children + U Students)	-5.4	0.0	0.0	0.0
Sales Tax Impact (Low - see col B & C% Children + U Students)	-5.0	0.0	0.0	0.0

# 2009 SCHOOL SUPPLIES SALES TAX HOLIDAY **TEN DAYS IN AUG** SCHOOL SUPPLIES EXPANDED LIST **SALES PRICE \$10 OR LESS PER ITEM**

Backpack
NO

<u>Assumptions</u>	 ckpack nditure	_	o/Backpack Expenditure	for 6-8, 9	Computer Disks 9-12, Univ, Private
PreK	\$ 20.00	\$	12.00	\$	-
K-2	\$ 20.00	\$	12.00	\$	-
3	\$ 25.00	\$	15.00	\$	-
4-5	\$ 25.00	\$	15.00	\$	1.00
6-8	\$ 35.00	\$	21.00	\$	1.00
9-12	\$ 40.00	\$	24.00	\$	1.00
Univ. Students	\$ 40.00	\$	24.00	\$	2.00
Private	\$ 30.00	\$	18.00	\$	1.00

#### K-12 Headcount estimate:

Begin with Fall 2008 actual public school headcount. Add private school headcount, Mid-Year Report from the Florida School Choice Office. Grow FY 2008-09 headcount (public + private) by FTE growth from Feb 2009 PSEEC for out-year.

#### University/Higher Ed Headcount estimate:

Census 2005 % of pop enrolled in higher education in Florida, applied to the age-group forecast from Fla Demographic Fcst Feb 2009.

DEFINITIONS:		
BASE School Supplies =	pens, pencils, erasers, crayons, notebooks, notebook filler paper,	SB 396 AS FILED
	legal pads, composition books, poster paper, scissors, cellophane	HB 595 AS FILED
	tape, glue or paste, rulers, computer disks, protractors,	
	compasses, calculators	BASE - FY 07-08
ADDITIONAL ITEMS =	binders, lunch boxes, construction paper, markers, folders and poster board	HB 815 AS FILED

School Supplies + Computer Disks

Students by Level		FY 2009-10	
	FY 2009-10	Includes Backpack? No	0
PreK	88,126	1.1	
KG	219,057	2.6	
1	213,891	2.6	
2	212,875	2.6	
3	222,198	3.3	
4	215,703	3.5	
5	212,837	3.4	
6	213,489	4.7	
7	217,506	4.8	
8	212,659	4.7	
9	237,906	5.9	
10	213,902	5.3	
11	206,567	5.2	
12	194,342	4.9	
Total, Public PK-12	2,881,058	54.5	
Total Univ/CC/Private HiEd	1,077,859	28.0	
Total PreK-12 + HiEd	3,958,917	82.5	

Advantage Buying by Business, General Public

25% Factor + 10% for expanded list

% for 10-day	
85%	
75%	
65%	

School Supplies \$10 limit Impact (\$M)	FY 2009-10	0	0
Sales Tax Impact (High - see col B & C% Children + U Students)	-6.2	0.0	0.0
Sales Tax Impact (Medium - see col B & C% Children + U Students)	-5.9	0.0	0.0
Sales Tax Impact (Low - see col B & C% Children + U Students)	-5.5	0.0	0.0