

Education Budget: Conference Update

January 19, 2012

Presented by:



The Florida Legislature
Office of Economic and
Demographic Research
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PK-12 FTE Total Enrollment

Historical and Forecasted

Total PK-12 FTE Enrollment			
Fiscal Year	Total PK-12 FTE	Change	% Change
2004-2005	2,609,593.94	51,102.41	2.00%
2005-2006	2,641,121.29	31,527.35	1.21%
2006-2007	2,638,331.10	-2,790.19	-0.11%
2007-2008	2,631,277.10	-7,054.00	-0.27%
2008-2009	2,617,371.52	-13,905.58	-0.53%
2009-2010	2,629,327.35	11,955.83	0.46%
2010-2011	2,642,510.78	13,183.43	0.50%
2011-2012 3 rd Calc Estimate	2,663,743.54	21,232.76	0.80%
2012-2013 Forecast	2,695,247.82	31,504.28	1.18%
2013-2014 Forecast	2,709,582.85	14,335.03	0.53%
2014-2015 Forecast	2,719,006.11	9,423.26	0.35%
2015-2016 Forecast	2,719,273.90	267.79	0.01%

NOTE: Forecast based on the Education Estimating Conference held December 15, 2011.

Key Assumptions and Trends in PK-12 Public School FTE Enrollment

- ASSUME: Recent historical growth patterns continue.
- TREND: 2011 Legislation upwardly affects FTE due to changes in charter school and virtual education enrollment options.
- TREND: Kindergarten enrollment increases with larger birth cohort relative to prior year entering kindergarten. This increase is reduced in 2011-12 and 2012-13 by a lower percentage share of kindergarten enrollment in public schools than there used to be. The public percentage share increases in 2013-14 with public virtual education pulling students into the system from private and home education.
- ONE TIME EFFECT: 2012-13 enrollment is affected by graduation of unusually small 2011-12 grade twelve cohort due to past policy changes.



Change From October 10, 2011 Conference

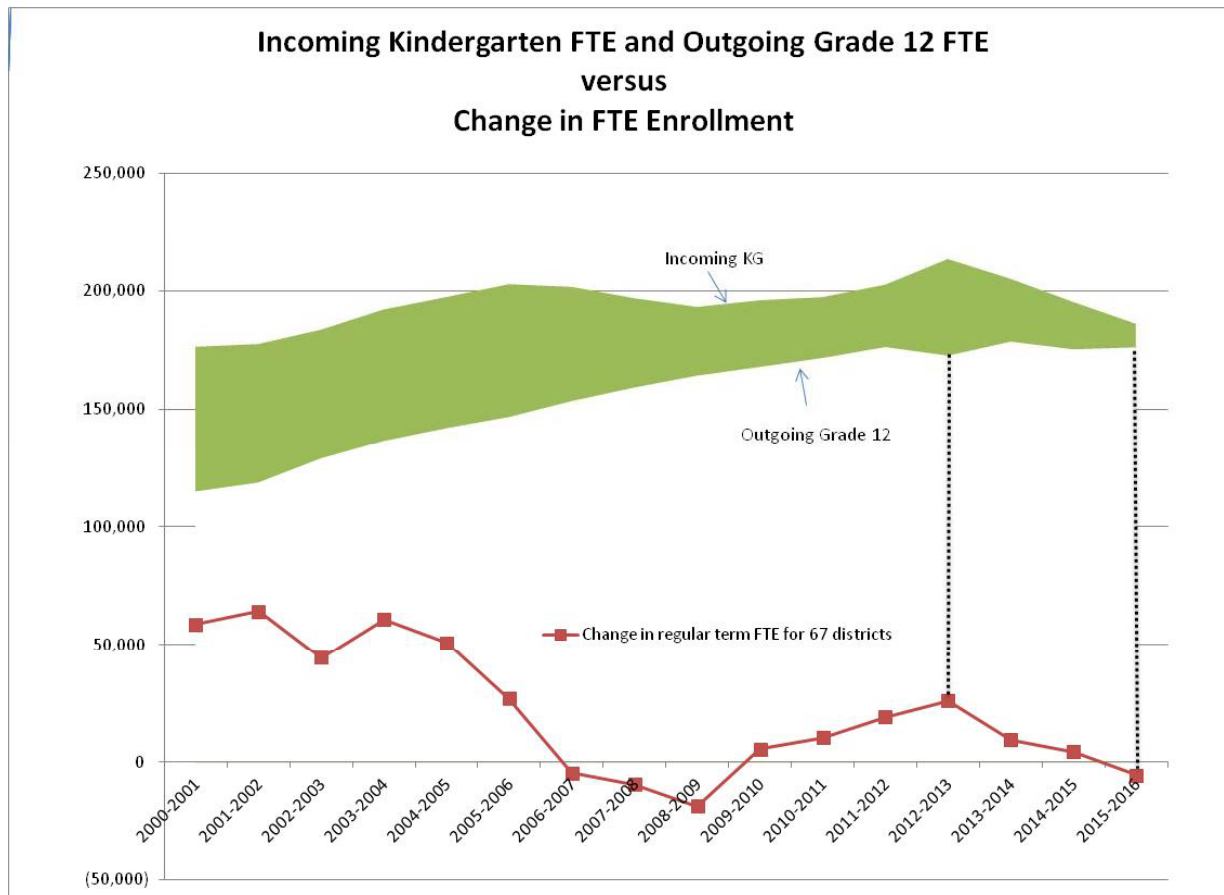
2011-12				
	Oct 2011 Forecast	Dec 2011 Forecast	Difference	% Diff
101 Grades PK-3	587,288.40	591,417.41	4,129.01	0.7%
102 Grades 4-8	750,996.37	752,967.17	1,970.80	0.3%
103 Grades 9-12	562,329.73	568,689.15	6,359.42	1.1%
111 PK-3 ESE in Basic	138,458.56	134,762.80	(3,695.76)	-2.7%
112 4-8 ESE in Basic	218,176.87	216,156.17	(2,020.70)	-0.9%
113 9-12 ESE in Basic	132,860.58	133,528.84	668.26	0.5%
130 ESOL	174,069.06	172,735.99	(1,333.07)	-0.8%
254 ESE Support Level IV	19,474.34	19,127.04	(347.30)	-1.8%
255 ESE Support Level V	5,024.21	4,553.32	(470.89)	-9.4%
300 Career Education	72,638.53	69,805.65	(2,832.88)	-3.9%
Total	2,661,316.65	2,663,743.54	2,426.89	0.1%
2012-13				
	Oct 2011 Forecast	Dec 2011 Forecast	Difference	% Diff
101 Grades PK-3	603,991.55	608,413.93	4,422.38	0.7%
102 Grades 4-8	755,539.16	756,034.48	495.32	0.1%
103 Grades 9-12	575,891.37	572,034.35	(3,857.02)	-0.7%
111 PK-3 ESE in Basic	140,358.00	137,909.73	(2,448.27)	-1.7%
112 4-8 ESE in Basic	218,801.67	216,733.76	(2,067.91)	-0.9%
113 9-12 ESE in Basic	133,547.82	134,077.84	530.02	0.4%
130 ESOL	177,441.72	175,684.04	(1,757.68)	-1.0%
254 ESE Support Level IV	19,434.41	19,463.65	29.24	0.2%
255 ESE Support Level V	5,051.22	4,640.18	(411.04)	-8.1%
300 Career Education	61,826.23	70,255.86	8,429.63	13.6%
Total	2,691,883.15	2,695,247.82	3,364.67	0.1%

2012-13 FTE Growth

December 15, 2011 Conference

Growth from 2011-12	31,504.28		
School Demographic Growth	25,433.18	Additional FTEs entering Kindergarten, additional FTEs entering grades 1-12 due to population migration, and entrants and leavers to the system.	
Effect of Tax Credit Scholarship Program on Kindergarten Enrollment	(1,420.50)	2012-13 annual effect. Effects for future years are cumulative. The effect for 2013-14 includes this 2012-13 annual effect in addition to the 2013-14 annual effect.	
Effect of Non-Promotion Policy from 2003 legislation	2,542.00	Estimate of final effect of the policy change; this will not be a significant factor in future estimates. Estimate based on the tracking of students retained in grade 3 after the 2002-03 school year and the non-promotion patterns before and after the policy implementation.	
FLVS Base Growth	1,898.60	Does not include the 2011 legislative impact See below.	
2011 Legislative Impact*	3,051.00	1,899.00	KG and Grade 1 virtual education change pulling from home education and private schools
		1,137.00	High Performing Charter Schools pulling from home education and private schools
		15.00	Virtual charter school

School Demographic Growth



For 2012-13, public schools had a relatively smaller graduating class the prior year, coupled with a larger entering Kindergarten class from a bigger birth cohort in 2006-07. This combination typically leads to upward changes in FTE enrollment.

Effect on 2012-13 Enrollment of the Non-Promotion Policy Implemented in 2002-2003

27,713 students were retained in grade 3 at the end of the 2002-03 school year.

- In that year, some the students would have been retained without the change in the non-promotion policy.
- In addition, some of them would have been retained later in grades 4-11 if they had not been retained in 2002-03.
- By the 2011-12 school year:
 - Some of the students left Florida public schools to move out-of-state or go to private or home education;
 - Some of the students left education before graduation;
 - Some of the students were retained at least one other year;
 - Some of the students caught up with their age cohort.

The effect of the 2002-2003 non-promotion policy on 2012-13 enrollment is the group of students who were retained and would have been expected to graduate in 2011-12 if the policy had not been implemented. These students will now graduate in 2012-13. The estimate of this group of students is **2,542**.

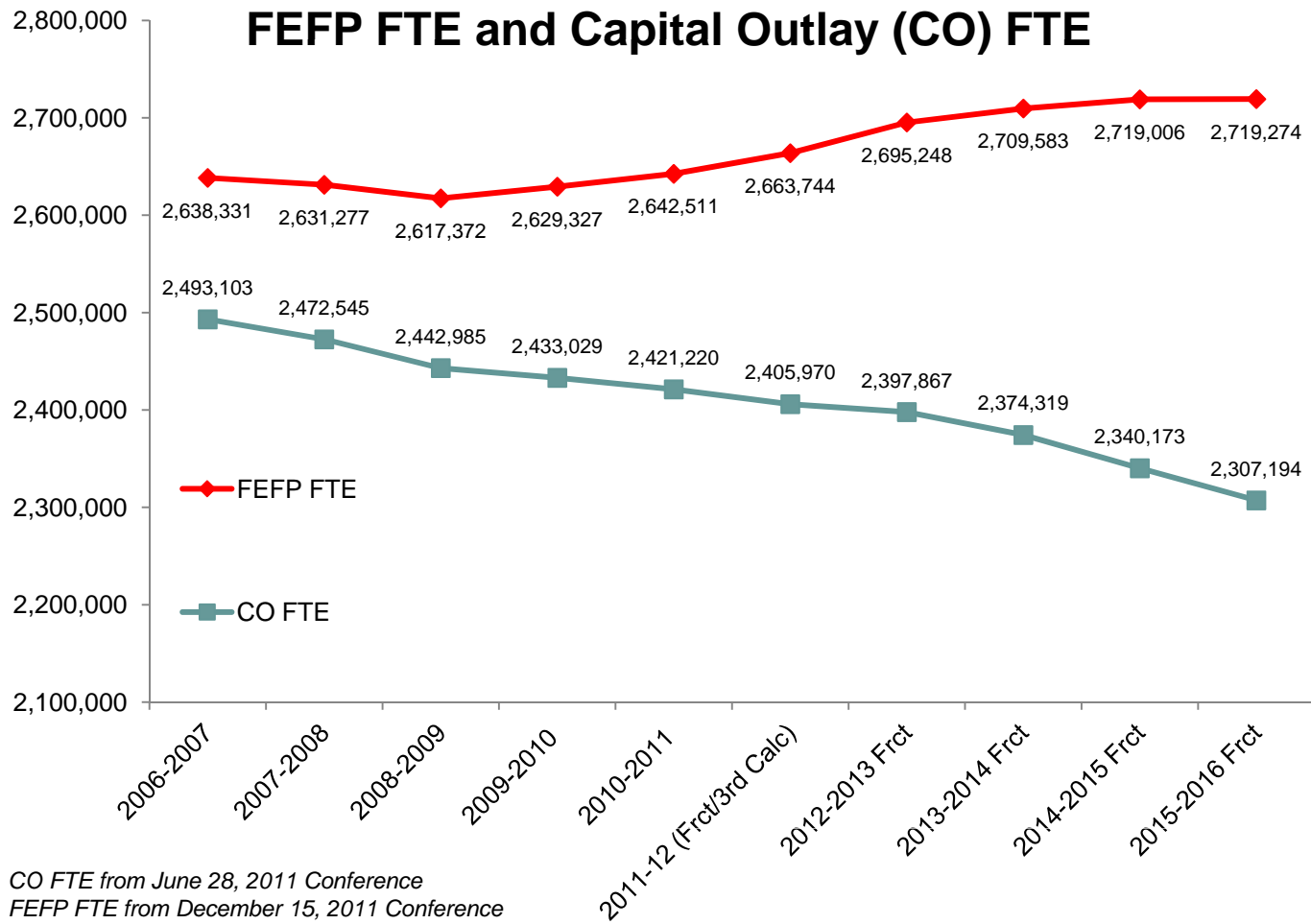
Grade Three Students Not Promoted to Grade Four ---Point in Time Counts---

Year	Number of Students Retained
2001-2002	6,435
2002-2003	27,713
2003-2004	23,348
2004-2005	20,121
2005-2006	14,151
2006-2007	16,676
2007-2008	13,666
2008-2009	13,340
2009-2010	12,223

Source: <http://www.fldoe.org/eias/eiaspubs/pubstudent.asp>



Growing Difference Between FEFP FTE and CO FTE



Voluntary Prekindergarten Enrollment & Full-Time Equivalent (FTE) Enrollment

Year	Total Program Year Enrollment	Program Participation Rate	Total Fiscal Year FTE Enrollment	Specialized Instructional Services Program Impact on Fiscal Year FTE Enrollment
2007-2008	134,717	62.45%	118,960.41	
2008-2009	147,752	69.36%	132,891.23	
2009-2010	156,826	72.58%	142,434.99	
2010-2011	165,368	76.50%	150,349.69	
2011-2012	176,644	81.87%	160,173.89	
2012-2013	185,523	86.04%	167,575.01	1,319.51
2013-2014	190,250	87.99%	172,870.88	2,997.55
2014-2015	192,759	88.63%	175,139.10	2,997.55
2015-2016	195,746	89.00%	177,838.44	2,997.55

All totals include enrollment or FTE enrollment in the Specialized Instructional Services Program. Forecasts are the results of the January 5, 2012 Voluntary Prekindergarten Estimating Conference.

SISP VPK Program

Three types of students with disabilities may seek specialized services from this program:

- Group 1: Students who receive specialized services from the FEFP and will receive additional specialized services from the SISP VPK (85% of FTE impact)
- Group 2: Students who do not receive specialized services from the FEFP and would have been in the traditional VPK, but now will have all or part of their VPK services in the SISP VPK (9% of FTE impact)
- Group 3: Students who do not receive specialized services from the FEFP and would not have been in the traditional VPK, but will enter the SISP VPK (6% of FTE impact)

Place of Birth of Florida's Foreign-Born Population

Area	Florida	
	Estimate	Percent of Total
Total	3,549,488	
Europe	380,330	10.7%
Asia	349,732	9.9%
Africa	57,642	1.6%
Oceania	7,364	0.2%
Americas	2,754,420	77.6%
Latin America	2,644,344	
Caribbean	1,394,863	
Cuba	764,368	
Haiti	257,497	
Jamaica	185,154	
Dominican Republic	94,749	
Other Caribbean	93,095	
Central America	621,172	
Mexico	285,919	
Nicaragua	106,104	
Honduras	84,776	
Guatemala	66,688	
Other Central America	77,685	
South America	628,309	
Colombia	220,238	
Venezuela	85,466	
Peru	83,793	
Brazil	70,278	
Other South America	168,534	
Northern America	110,076	

Note: Foreign-born population excludes population born at sea
Source: US Census Bureau, 2006-2010 American Community Survey

Fertility of Florida's Population

Florida

Subject	Total Women Aged 15 to 50 years	Women with births in the past 12 months		
		Number	Percent Distribution	Rate per 1,000 women
Women 15 to 50 years	4,420,997	227,748	(X)	52
NATIVITY				
Native	3,388,598	165,660	72.7%	49
Foreign born	1,032,399	62,088	27.3%	60

Foreign born excludes people born outside the United States to a parent who is a US Citizen.

Source: US Census Bureau, 2006-2010 American Community Survey



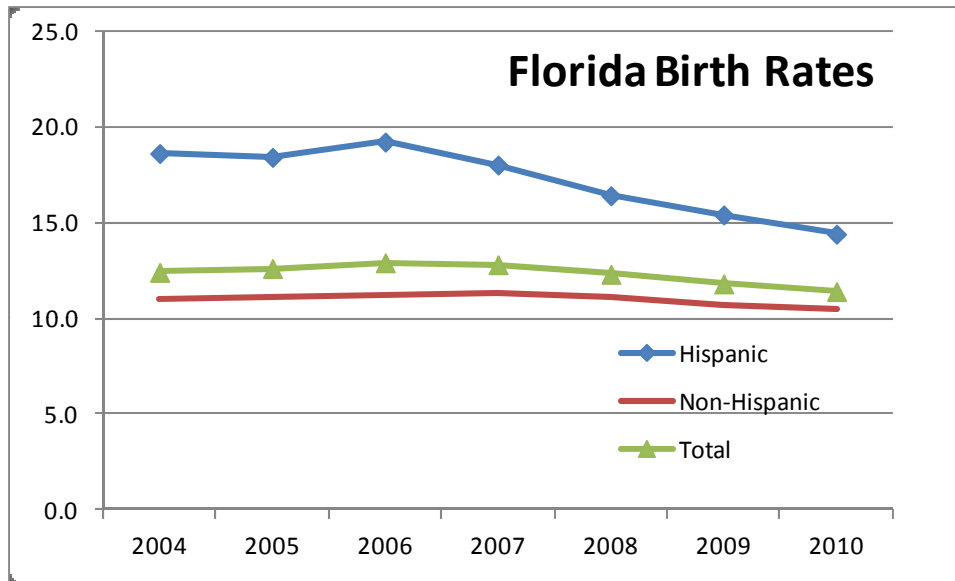
Place of Birth of Florida's Hispanic or Latino Population (Ethnicity)

Florida		
	Estimate	Percent of Total
Total:	3,995,324	
Born in Florida	989,933	24.8%
Born in other state in the United States	594,060	14.9%
Native; born outside the United States	404,098	10.1%
Foreign born	2,007,233	50.2%

Source: US Census Bureau, 2006-2010 American Community Survey



Florida Birth Rates by Ethnicity



Source: Florida Department of Health, Bureau of Vital Statistics, Florida Charts

Model used for the Demographic Estimating Conference Incorporates:

Birth rates for females by:
Age group
Hispanic / Non-Hispanic

Number of residents by:
Age group
Sex
Hispanic / Non-Hispanic



Florida Students Entering Public Schools at the Beginning of the School Year

Grades 1-12

		Fall 2004	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010
Entered from other country		17,704	17,317	16,081	15,763	14,123	13,864	15,389
Top Five	Cuba	2,041	1,624	1,911	1,604	2,393	1,845	2,269
	Haiti	2,047	1,936	1,637	2,841	1,593	1,817	1,803
	Venezuela	733	661	560	745	437	590	985
	Mexico	1,870	2,107	1,589	1,107	910	1,023	955
	Dominican Republic	796	869	784	680	646	716	839
Entered from other US state or area		76,369	78,355	63,354	56,851	52,331	50,722	53,510
Top Five	Georgia	5,789	5,764	5,647	5,669	5,698	5,738	5,908
	New York	13,381	11,571	8,901	7,234	5,661	5,001	5,192
	Puerto Rico	3,622	3,896	4,919	4,250	3,125	2,454	3,202
	Texas	3,673	3,759	3,456	3,003	2,813	2,980	3,133
	North Carolina	2,684	2,466	2,298	2,263	2,394	2,462	2,701
Total All Students		2,433,655	2,518,718	2,499,379	2,499,738	2,482,655	2,445,503	2,463,366

* Top five ranking based on Fall 2010 entries

Percent of Florida Students Entering Public Schools at the Beginning of the School Year

	Fall 2004	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010
Entered from other country	0.7%	0.7%	0.6%	0.6%	0.6%	0.6%	0.6%
Entered from other US state or area	3.1%	3.1%	2.5%	2.3%	2.1%	2.1%	2.2%

Source: Florida Department of Education Student Information System, Prior School Status/School Attendance Format, survey 2 data 2004-05 through 2010-11 school years. Data summarized from individual student records by Office of Economic and Demographic Research.

Conference Results (and other adjustments)
Impact from Changes in the Forecast Using Original Assumptions
[Positive = Savings; Negative = Additional Cost]

	<u>2011-12</u>	<u>2012-13</u>	<u>Cumulative Effect</u>
Lottery	47.3	47.4	
Slots	0.0	0.5	
Educational Enhancement TF	47.3	47.9	95.2
State School Trust Fund	0.0	0.0	0.0
PECO Trust Fund (Max Approp)	0.0	-113.2	-113.2
General Revenue	46.0	-19.9	26.1
Budget Drivers	2011-12	2012-13	Cumulative Effect
PreK-12 Ad Valorem	0.0	-24.2	-24.2
PreK-12 Enrollment	0.0	37.7	37.7
Education - EETF Surplus Adj	0.0	95.2	95.2
Education - EETF Base Budget Adj	0.0	4.7	4.7
Voluntary Pre-K	-10.3	-20.8	-31.1
	<u>-10.3</u>	<u>92.6</u>	<u>82.3</u>