

SLS 1515
Enrollment Estimation
Outline
(03/14/2012)

1. College Prep Students (New for Term)
 - a. Actual Counts
 - i. This consists of students enrolled in any college prep course
 - ii. One record is developed for each student
 - iii. To be included in this column, the students term code of admission must equal the term code associated with the row heading
 - b. Projected counts for terms after Spring 2012
 - i. Average Change: Summer terms (district)
 1. $(\text{Summer 2010} - \text{Summer 2009}) / \text{Summer 2009} = \text{Difference 1}$
 2. $(\text{Summer 2011} - \text{Summer 2010}) / \text{Summer 2010} = \text{Difference 2}$
 3. $\text{Average Change} = (\text{Difference 1} + \text{Difference 2}) / 2 = -0.0136$
 - a. Charlotte value = 0.25 (due to the dramatic change between 2009 and 2010, this average requires adjustment; the most recent change was -0.06; this value will be set to .01)
 - b. Collier value = 0.19
 - c. Edison online (NA)
 - d. Hendry Glades value = 0.3055 (due to the dramatic change between 2009 and 2010, this average requires adjustment; the most recent change was 0.11; this value will be set to .1)
 - e. Lee value = -0.1185
 - ii. Average Change: Fall terms (district)
 1. $(\text{Fall 2010} - \text{Fall 2009}) / \text{Fall 2009} = \text{Difference 1}$
 2. $(\text{Fall 2011} - \text{Fall 2010}) / \text{Fall 2010} = \text{Difference 2}$
 3. $\text{Average Change} = (\text{Difference 1} + \text{Difference 2}) / 2 = -0.0952$
 - a. Charlotte value = 0.01
 - b. Collier value = -0.09328
 - c. Edison online (NA)
 - d. Hendry Glades value = 0.3000 (due to the dramatic change between 2009 and 2010, this average requires adjustment; the most recent change was -0.09; this value will be set to .01)
 - e. Lee value = -0.074
 - iii. Average Change: Spring Terms (district)
 1. $(\text{Spring 2011} - \text{Spring 2010}) / \text{Spring 2010} = \text{Difference 1}$
 2. $(\text{Spring 2012} - \text{Spring 2011}) / \text{Spring 2011} = \text{Difference 2}$
 3. $\text{Average Change} = (\text{Difference 1} + \text{Difference 2}) / 2 = -0.1743$
 - a. Charlotte value = -0.0256
 - b. Collier value = -0.05814
 - c. Edison online (NA)
 - d. Hendry Glades value = -0.0373
 - e. Lee value = -0.184

- iv. Projections: Summer terms (district)
 - 1. $\text{New Summer} = \text{Old Summer} + (\text{Old Summer} * \text{Average Change})$
 - 2. Average change is specific for the term
 - 3. After Summer 2013, the projections are based on projected values for the “Old” term
- v. Projections: Fall terms (district)
 - 1. $\text{New Fall} = \text{Old Fall} + (\text{Old Fall} * \text{Average Change})$
 - 2. Average change is specific for the term
 - 3. After Fall 2012, the projections are based on projected values for the “Old” term
- vi. Projections: Spring terms (district)
 - 1. $\text{New Spring} = \text{Old Spring} + (\text{Old Spring} * \text{Average Change})$
 - 2. Average change is specific for the term
 - 3. After Spring 2013, the projections are based on projected values for the “Old” term
- c. The process described in 1 b will be applied to each campus independently
- d. These projections are used exclusively to estimate SLS 1515 enrollments until Fall 2015
- 2. First-time in College Students (New for Term)
 - a. Actual Counts
 - i. This consists of students enrolled as FTIC (self identified)
 - ii. One record is developed for each student
 - iii. To be included in this column, the students term code of admission must equal the term code associated with the row heading
 - b. Projected counts for terms after Spring 2012
 - i. Average Change: Summer terms (district)
 - 1. $(\text{Summer 2010} - \text{Summer 2009}) / \text{Summer 2009} = \text{Difference 1}$
 - 2. $(\text{Summer 2011} - \text{Summer 2010}) / \text{Summer 2010} = \text{Difference 2}$
 - 3. $\text{Average Change} = (\text{Difference 1} + \text{Difference 2}) / 2 = -0.07942$
 - a. Charlotte value = 0.0457
 - b. Collier value = -0.155
 - c. Edison online (NA)
 - d. Hendry Glades value = 0.398 (due to the dramatic change between 2009 and 2010, this average requires adjustment; the most recent change was -0.316; this value will be set to .01)
 - e. Lee value = -0.10593
 - ii. Average Change: Fall terms (district)
 - 1. $(\text{Fall 2010} - \text{Fall 2009}) / \text{Fall 2009} = \text{Difference 1}$
 - 2. $(\text{Fall 2011} - \text{Fall 2010}) / \text{Fall 2010} = \text{Difference 2}$
 - 3. $\text{Average Change} = (\text{Difference 1} + \text{Difference 2}) / 2 = -0.07572$
 - a. Charlotte value = -0.0286
 - b. Collier value = -0.094
 - c. Edison online (NA)
 - d. Hendry Glades value = -0.034
 - e. Lee value = -0.09113
 - iii. Average Change: Spring Terms (district)

1. $(\text{Spring 2011} - \text{Spring 2010}) / \text{Spring 2010} = \text{Difference 1}$
2. $(\text{Spring 2012} - \text{Spring 2011}) / \text{Spring 2011} = \text{Difference 2}$
3. $\text{Average Change} = (\text{Difference 1} + \text{Difference 2}) / 2 = -0.10867$
 - a. Charlotte value = -0.0513
 - b. Collier value = -0.093
 - c. Edison online (NA)
 - d. Hendry Glades value = 0.006
 - e. Lee value = -0.13139
- iv. Projections: Summer terms (district)
 1. $\text{New Summer} = \text{Old Summer} + (\text{Old Summer} * \text{Average Change})$
 2. Average change is specific for the term
 3. After Summer 2013, the projections are based on projected values for the “Old” term
- v. Projections: Fall terms (district)
 1. $\text{New Fall} = \text{Old Fall} + (\text{Old Fall} * \text{Average Change})$
 2. Average change is specific for the term
 3. After Fall 2012, the projections are based on projected values for the “Old” term
- vi. Projections: Spring terms (district)
 1. $\text{New Spring} = \text{Old Spring} + (\text{Old Spring} * \text{Average Change})$
 2. Average change is specific for the term
 3. After Spring 2013, the projections are based on projected values for the “Old” term
- c. The process described in 2 b will be applied to each campus independently
- d. These projections are used exclusively to estimate SLS 1515 enrollments until Fall 2015
3. SLS 1515 Enrollments: Estimates (district)
 - a. Projection process for Summer 2012 to Summer 2015
 - i. Spring 2012 represents the only actual count; this is (roughly) 40% of all new College Prep students
 - ii. $\text{SLS 1515 Enrollment Estimate} = \text{College Prep Students (new for term)} * 0.40$
 1. Charlotte multiplier = 0.47
 2. Collier multiplier = 0.53
 3. Hendry Glades multiplier = 0.25
 4. Lee multiplier = 0.37
 - iii. Note: these estimates will improve as additional “actual” counts become available
 - b. Projected SLS 1515 enrollments for the Fall 2015, Spring 2016, and Summer 2016 terms will be equal to the projected new, first-time in college student counts
 - c. This process will be applied to each campus independently
4. SLS 1515 Sections: Estimates (district)
 - a. These estimates are based on the assumption that each sections will serve 20 students
 - b. This process will be applied to each campus independently