Forecasting Enrollment in Charter Schools

Economic & Demographic Research
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This Presentation

Will provide revised guidelines for adjusting the statistical model due to charter schools.

This Presentation

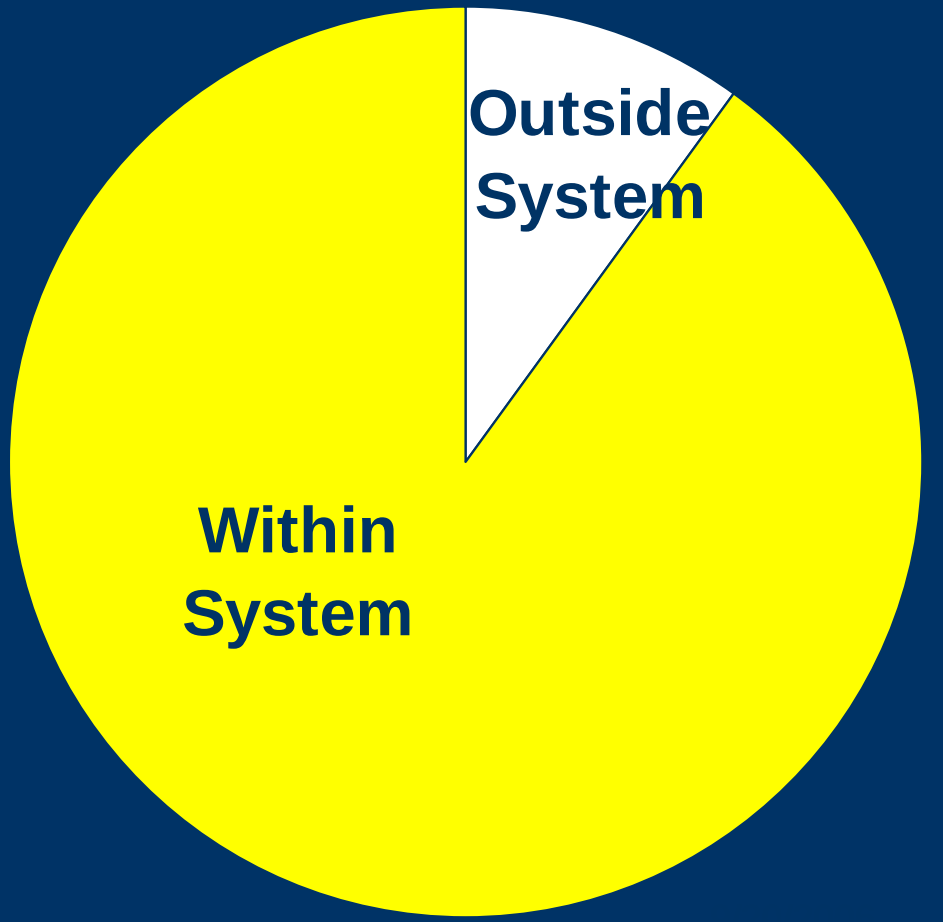
Evaluate the potential effect of the revised guidelines.

Guidelines

The guidelines are used if reliable, specific information about the projected growth pattern of the charter school is not available.

Previous Guideline

Add 10% of the projected school enrollment the first year that a school opens



Revised Guideline

There are separate guidelines for the each of first three years that a charter school is open.

First Year

1. Obtain the target enrollment for full capacity of the school or the third year's projected enrollment
2. Multiply the enrollment in Step 1 by .52.
3. This is the projected first year's enrollment

Second Year

1. Obtain the first year's enrollment.
2. Multiply the first year's enrollment by 1.57.
3. Obtain the full capacity of school.
4. Use the lesser of step 2 or 3.
5. This is the projected second year's enrollment.

Third Year

1. Obtain the full capacity of school.
2. This is the projected third year's enrollment.

Level of Detail

These calculation can be done by individual grades or by grade groups for each charter school

Amount to Add

The following slides are based on historical percentages using the best data available for the years 1996-97 through 2000-01.

You may substitute the patterns from the new data elements available for 2001-02.

Compute Growth by Year Opened

Enrollment for schools opening in 2002-03

+ Growth for schools that opened in 2001-02

+ Growth for schools that opened in 2000-01

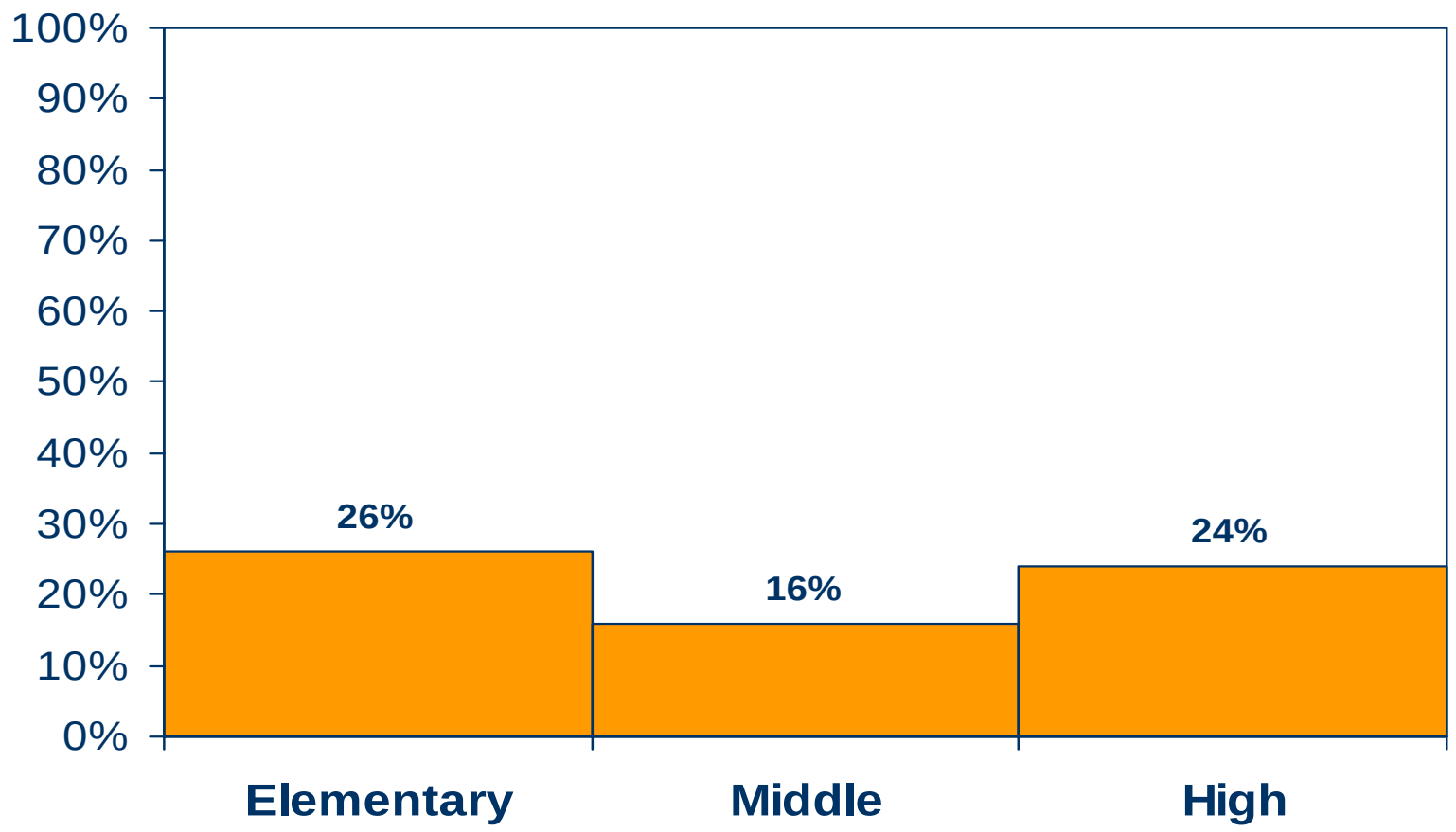
Total Projected 2002-03 Charter School Growth

Amount to Add

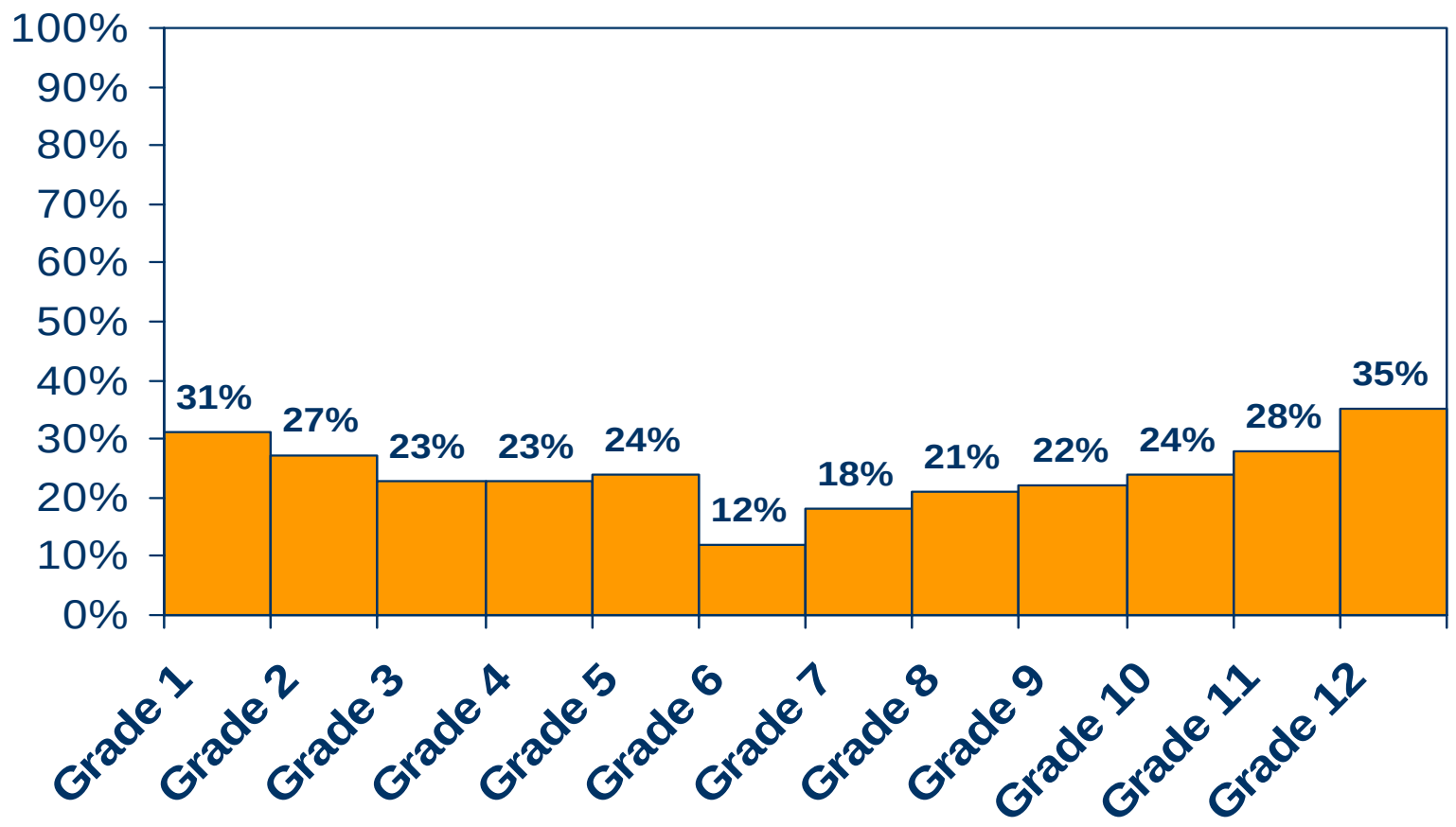
Multiply the charter school growth by the % of students who historically have entered from outside the system.

Use one of the following two slides or the 2001-02 data.

Source By Grade Group
% From Outside System



Source By Grade
% From Outside System



Kindergarten

Use the Grade One Percentage

31%

Transfer Students

If a charter school is located near the county border, there may be students in the neighboring county that will transfer to the charter school.

You need to consider this if appropriate.

Example

Your district will have three charter schools in 2002-03:

Prosperity Elementary School opened in 2000-01

Great Expectations Middle School opened in 2001-02

Tech-Savvy High School is planned to open in 2002-03

Prosperity Elementary

Enrollment:

2000-01 100

2001-02 175

Capacity 200

Projected 2002-03 growth = 200 - 175 = 25

Amount to be added = 25 X .26 = 7

Great Expectations Middle

Enrollment:

2001-02 200

Capacity 400

Projected 2002-03 student growth = 200 X 1.57

= 314

The projected 2002-03 students is 314

Great Expectations Middle

Projected student growth = 314 – 200 = 114

Amount to be added = 114 X .16 = 18

Tech-Savvy High

Enrollment Capacity = 1,000

Projected 2002-03 students = 1000 X .52
= 520

Amount to be added = 520 X .24
= 125

Example Summary

Amount to be Added

Prosperity Elementary	7
Great Expectations Middle	18
Tech-Savvy High	125
Total	150

Evaluation

The number of students actually entering the public school system in 2000-01 for charter school in grades 1-11 was simulated.

Results are on next slide.

Simulation of 2000-01 Students Entering System