



MISSISSIPPI ADEQUATE EDUCATION PROGRAM FUNDING FORMULA (MAEP)

FOCUS ON BASE STUDENT COST (BSC)

WHAT IS MAEP?

The formula established by the Legislature to provide adequate operation funding levels for each school district to meet the accountability scale of “Successful” as established by the State Board of Education regardless of the school district’s geographic location. (37-151-7)

Currently, a “successful” district is equated to a “C” rated district. (SBE policy 48.6)

PURPOSE

Ensure that every Mississippi Child regardless of where he/she lives is afforded an adequate educational opportunity, as defined by the State Accountability System. In order to accomplish this the system must:

- ✓ Provide equity by recognizing differences in the ability to provide resources locally (EQUITY).
- ✓ Provide a level of resources necessary for an adequate education (ADEQUACY).

BASE STUDENT COST CALCULATION

DISTRICT SELECTION PROCESS

Districts determined to be successful and efficient in four areas of school operations are selected for determining the base student cost.

Successful – Defined by the State Board of Education using current statistically relevant state assessment data. (SBE Policy 48.6)

BASE STUDENT COST CALCULATION

DISTRICT SELECTION PROCESS

Efficient - In each of the following Efficiency Components the statistical mean for all school districts is determined.

1. Instruction – Teachers per 1,000 students
2. Administration – Administrator/Staff ratio
3. Maintenance and Operations
 - a) M&O spending per 100,000 square feet
 - b) Maintenance staff per 100,000 square feet
4. Ancillary – Librarians and Counselors per 1,000 students

BASE STUDENT COST CALCULATION

- Districts that are one standard deviation above and two standard deviations below the mean for each component are considered efficient.
- Districts that are both successful and efficient are used to calculate the average cost for each component.
- The average cost for each component is calculated using expenditure data from the second preceding year.
(Example: For the FY '19 calculation, FY '17 expenditure data is used.)

Instructional Component

Fund 1120, 2001*, 2070*, 2420* (*no longer active)

Functions 1110-1199

Objects 100-999

Fund 1120 – functions 1210,1220,2150-2159 – obj 210 – 215

Fund 1130 – all functions – objects 210 and 215

Fund 2711 – all functions – objects 210 and 215

Expenditures are reduced by certain excluding revenues of Master Teacher Supplements, Chickasaw Cession, and At-Risk revenue.

Coding of revenue is key in preventing over/under stating of revenue.

Amounts are divided by ADA for months 1-9 less SC SPED for Successful & Efficient districts to arrive at the average cost.

Administrative Component

Fund 1120 and 2711

Functions 2300-2599 and 2800-2899

Objects 100-999

Amounts are divided by ADA for months 1-9 less SC SPED for Successful & Efficient districts to arrive at the average cost.

Plant & Operation Component

Fund 1120, 2430*, 2711 (*no longer active)

Functions 2600-2699

Objects 100-699 and 800-999

Amounts are divided by ADA for months 1-9 less SC
SPED for Successful & Efficient districts to arrive at the
average cost.

Ancillary Component

Fund 1120 and 2001* (*no longer active)

Functions 2110-2129, 2140-2149, and 2220-2229

Objects 100-999

Amounts are divided by ADA for months 1-9 less SC SPED for Successful & Efficient districts to arrive at the average cost.

Coding of Expenditures

Proper and consistent coding of all expenditures is vital to an accurate calculation of the base student cost and other components of the MAEP formula.

Always refer to the accounting manual for codes, or call our office for assistance. Do not rely on “how it has always been done” in the financial package.

SFS will alert districts to items we see in FETS, but by the time FETS is submitted it is too late for corrections.

BASE STUDENT COST CALCULATION

THE AVERAGE COST OF THE FOUR COMPONENTS ARE ADDED TOGETHER TO OBTAIN THE BASE STUDENT COST

FY19 BASE STUDENT COST

INSTRUCTION	\$3,255.79
ADMINISTRATION	\$1,118.17
OPERATION & MAINTENANCE OF PLANT	\$803.85
ANCILLARY SUPPORT	\$ 316.16
ADJUSTMENTS FOR PAY RAISE, INSURANCE & RETIREMENT INCREASES	\$28.69
FY 19 BASE STUDENT COST	\$5,522.66

BASE STUDENT COST CALCULATION

To provide stability for appropriation and budgeting purposes, the base student cost will be calculated every four years rather than each year.

An inflation adjustment of 40% of the base student cost times the current CPI is added to the previous year's Base Student Cost to arrive at the new Base Student Cost during years between a complete recalculation.

BASE STUDENT COST CALCULATION

Example – FY20 MAEP Base Student Cost was calculated as follows: FY19 BSC X 40% X CPI = FY20 Inflation Component

$$\$5,522.66 \times .40 = \$2,209.06$$

$$\$2,209.06 \times 2.460\% = \$54.34$$

$$\$54.34 - \$12.08 + \$61.30 = \$103.56$$

$$\text{FY20 Base Student Cost is } \$5,522.66 + \$103.56 = \$5,626.22$$

USE OF BASE STUDENT COST

MAEP base formula

At-Risk component

Other programs – University Based and 504

Dyslexia scholarships

ESA scholarships

Other programs



Questions?