State of New Mexico

Public School Facilities Authority
1312 Basehart SE
Albuquerque, NM 87106

Phone: 505-843-6272
Chris Aguilar
Database Manager
E-mail:
CAguilar@nmpsfa.org

The public school Facilities Assessment Database (FAD) is the tool used to create standards based prioritization for funding public school facilities through the Public School Capital Outlay Council (PSCOC). This assessment database combines building repair cost & system life cycle analysis with New Mexico Educational Adequacy Standards to create the New Mexico Condition Index (NMCI). Weight factors are then applied to create the Weighted New Mexico Condition Index (wNMCI). This index enables the comparison of all the public schools in the state to determine greatest need for funding the correction of school deficiencies. This list is ultimately sorted so that a ranking can be generated identifying greatest capital need.

The ranked list will display the schools in most need of repair or replacement, at the top of the list, sorted by wNMCI. Every year the state will work down from the top of the list and fund needs as available revenues allow. Once corrected, the school drops to the bottom of the ranked list, and lower level needs accordingly move up in priority.

The Facilities Assessment Database (FAD) incorporates facility data for all New Mexico public schools and is updated throughout the year via field assessments, master plan updates, and district stakeholder exchange. School districts are asked to review their facility data and send updated information to the Public School Facilities Authority (PSFA). PSFA is responsible for warehousing the facility information in the database.

Facility Condition Index: FCI

By tracking building repair cost & system life cycle data within a certain school we are able to score the school using the industry standard concept of the Facility Condition Index (FCI).

The Facility Condition Index (FCI) is the tool commonly used in rating buildings and how these buildings compare to others. It is a ratio of needed repairs (including life cycle renewal requirements) divided by replacement value.

$$FCI = \frac{Needed\ Repairs\ (\$)}{Replacement\ Value\ (\$)}$$

New Mexico Condition Index: NMCI

The NMCI is calculated from the base formula for FCI but also includes the cost to correct deficiencies based on the NM Educational Adequacy Standards.

New Mexico Condition Index (NMCI):

$$NMCI = \frac{Needed\ Repairs\ (\$)\ +\ Cost\ to\ correct\ NM\ Adequacy\ Standards\ Deficiencies\ (\$)}{Replacement\ Value\ (\$)}$$

Weighted New Mexico Condition Index: wNMCI

The NMCI is calculated from the base formula for FCI but takes into account the cost to correct NM Adequacy Standard Deficiencies. And beyond that, each deficiency is "weighted" in order to create prioritization. Systems requiring immediate repair posing a health or safety threat will be weighted at the highest weight of 3.5 to ensure that those schools get treated with the greatest priority.

$$wNMCI = \frac{\begin{array}{c}(Category\ 1\ x\ 3.5) + (Category\ 2\ x\ 1.5) + \\ (Category\ 3\ x\ 2.0) + (Category\ 4\ x\ 0.25) + \\ (Category\ 5\ x\ 0.5) + (Category\ 6\ x\ 1.0) + \\ (Category\ 7\ x\ 3.0) + (Category\ 8\ x\ 0.5) + \\ (Category\ 9\ x\ 0.25)\end{array}}{Replacement\ Value\ (\$)}$$