

In order to avoid a federal penalty of \$1 million, the administration must either retrofit or move into a compliant building within 24 months. The president thinks he can get the board of directors to approve \$1.7 million for the project; however, that final amount must be approved by the board members who have said that the budget is tight this year. As a project manager, creating a decision tree is an effective way to analyze this problem. There are four potential choices Collegiate can choose. The first is to retrofit the existing building. The second is to purchase a newly constructed building that is compliant with the new federal requirements. The third choice is to purchase a new building currently under construction to meet the new legal requirements. And, the last choice is to delay the decision until the next budgetary cycle.

There is a 65% chance that the Board would prefer tabling this until the next budgetary cycle. However, with persuading there is a 55% chance they would agree to moving into an already ADA-compliant building. The likelihood of purchasing a building under construction is only 40% while their desire to retrofit their current building is only 25%.

