College Scorecard Assessment Summary

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AI-generated content may be incorrect.

This summary will be utilized to understand the comparison between the Maricopa County Community Colleges and other institutions granting associate degrees across the country. In addition, a group of six institutions have been analyzed to be categorized as peer institutions by several fields such as cost, completion rate, and retention rates based on data received. The following fields were selected for having integer-based values, relatability, and commonly asked questions based on the internet.

Of those six institutions, the following are categorized as peer institutions. **Camden County College, Stone Child College, Cankdeska Cikana Community College, Northeast Texas Community College, Trinity Valley Community College,** and **Allan Hancock College.**

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| --- | --- | --- | --- |
| **MCCC** | **KNN** | **Distance** | |
| Glendale Community College | Camden County College | | 0.14 |
| GateWay Community College | Stone Child College | | 0.16 |
| Rio Salado College | Cankdeska Cikana Community College | | 0.28 |
| Scottsdale Community College | Northeast Texas Community College | | 0.08 |
| South Mountain Community College | Trinity Valley Community College | | 0.12 |
| Paradise Valley Community College | Allan Hancock College | | 0.18 |

These schools were determined by using a machine learning grouping algorithm, K-means clustering, to group all the schools based on the criteria mentioned earlier. Each dot represents a school and schools that have the shortest Euclidean distance (K-nearest neighbor) from each other are assumed to be the most similar.

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When only using completion and retention as a comparison metric, a K-means algorithm was used again and all MCCCs and peer group schools clustered together. When compared to all the other schools, the largest difference is the overall completion rate. Retention remain

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| --- | --- | --- | --- |
| **School** | **Completion Mean** | | **Retention Mean** |
| MCCC & Peer Group | 16.97% | 61.05% | |
| Others | 37.78% | 61.89% | |