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Health &Safety Dataset Pivot Table

The highest three causes of accidents in the mining industry in Country 1 related to ‘Others’, ‘Projection’ and ‘Vehicles and Mobile Equipment’.

Two conclusions can be drawn from the pivot table. Firstly, accidents from ‘Others’ are 154 cases out of 203 cases. This accounts for approximately 78% of all accidents. Secondly, during the 3rd quarter and 4th quarter 2017, ‘Others’ cause drastically decreased. The business might have taken some preventive actions. However, we do not know what steps helped decrease accidents from the pivot table, so it is important to investigate them.

There are two recommendations for the Business Leader. First, based on the leading cause in mining, the priorities for the Business Leader are to address, analyze and categorize 'Others.’ It is hard to forecast accidents without knowing what the root causes are. Since the ‘Other’ causes account for almost 80%, investigating them helps with proper inspections and proactive preventions for the workplace and that will prevent most accidents. Secondly, it is important to have regular health and safety education so that workers have a better understanding of working in the mining environment. The pivot table shows that the working environments in the mining industry can be extremely dangerous. A lot of accidents occurred from projection, vehicles and mobile equipment, crash, fall, pressed and cut. Putting great emphasis on health and safety education is particularly important to work in the mining industry.