The inputs and outputs for the Risk Monitoring and Control process are elements from the last few lessons. These include the risk management plan and risk register together with project performance reports and information gained from the project work itself. As the project proceeds, some risks are realized, others have diminished or are no longer a risk, while others require further mitigation activity. The risk register, the organization’s processes and the project management plan are updated with these changes throughout the project. In some cases, risk mitigation and prevention require change controls, as do corrective actions for risks that are realized.

The images below show the inputs to the process and the outputs that result from the Monitoring and Control process.
Monitoring and Control Process:

- Inputs include the Risk Management Plan, Risk Register, Approved Changes, Work Performance Evaluations, and Performance Reports.
- Outputs include Updated Risk Register, Requested Changes, Recommended Corrective Actions, Recommended Preventative Actions, Organizational Process Assets Updates, and Project Management Plan Updates.

Process Inputs:

The risk register is the main source of project risk information but the policies and procedures to address those risks are held in the risk management plan with additional information contained in the overall project management plan. The project performance information indicates the effectiveness of current risk mitigation and is a source of information for emerging risks within the project.
Process Outputs:

Once the tools and techniques have been applied, the project manager is left with a series of outputs consisting mostly of updates to existing documentation. While updates to documentation are critical to the success of the project, be sure to follow the integrated change control process established at the onset of the project. Complete change requests as needed to accommodate for the changes in the risk landscape. Recommended corrective and preventative actions will likely trigger change requests.