

What you do after data is lost will decide whether it can be recovered or not. Certain activities may result in permanent loss of data.

1. It is most important to immediately stop data from being written to the source drive being recovered. New data may irreversibly and permanently overwrite lost data, thus making it unrecoverable
2. If the drive holds high-value, irreplaceable data, create a backup disk image of the source drive onto a new drive. A disk image file is an exact sector-by-sector copy of a disk.

### **Recovery is reduced in the following scenarios |**

1. A hard drive has a mechanical failure and does not spin up.
2. The drive electronics have completely failed and do not respond to any disk commands.
3. A hard drive is not detected by the BIOS when the computer is turned on.

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